



सत्यमेव जयते



आत्मनिर्भर भारत



केंद्रीय लोक निर्माण विभाग
Central Public Works Department
दिल्ली दर अनुसूची
(भाग-1)
Delhi Schedule of Rates
Volume - I
2023





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भारत सरकार

GOVERNMENT OF INDIA

केन्द्रीय लोक निर्माण विभाग

CENTRAL PUBLIC WORKS DEPARTMENT

दिल्ली दर अनुसूची

(भाग - 1)

DELHI SCHEDULE OF RATES

(Vol. 1)

2023



महानिदेशक, के.लो.नि.वि., नई दिल्ली के प्राधिकार के अधीन प्रकाशित
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The rates taken in Delhi Schedule of Rates 2023 are indicative and actual rates shall be governed by the market forces. Further its use by Govt. Departments, PSUs, private bodies & individuals shall be at their own risk and discretion. CPWD shall not be responsible for any ambiguity, discrepancy, dispute or financial loss, arising directly or indirectly by using or following items of DSR by such Govt./Private bodies or individuals.

For feedback and suggestions, please contact SE(TAS), CPWD, Room No. 418, "A" Wing, Nirman Bhawan, New Delhi- 110011. Tel. No. 011-23062339, Email: delsetascsq.cpwd@nic.in

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Rajesh Kumar Kaushal
Director General



FOREWORD

Delhi Schedule of Rates published by Central Public Works Department is a comprehensive and useful technical document of various items used for execution of civil works. In addition to CPWD, the Schedule of Rates are used by many Central and State Government Departments, Institutions, Public Sector Undertakings, Architects and Contractors.

Delhi Schedule of Rates was first published in the year 1931, followed by numerous revisions/publications from time to time in order to bring it in line with the prevailing new building materials, current technologies, market rates and for implementation of revised tax regimes. It was revised in 1977, 1981, 1985, 1989, 1993, 1997, 2002, 2007, 2010 (Reprint), 2012, 2013, 2014, 2016, 2019 and 2021.

The last edition of Delhi Schedule of Rates was published in the year 2021 and its revision had become necessary owing to:

- Provision contained in CPWD Manual to revise it after every two years.
- Incorporating Corrections in items which issued through correction slip No.1 to 21.
- Revision of GST rates on works from 12% to 18% w.e.f 18.07.2022.

I wish to place on record the technical input and effective coordination provided by Shri Dharmesh Chandra Goel, ADG (Tech.), Shri Prem Mohan CE/CSQ (Civil), Shri Vinayak Rai and the sincere efforts put in by Shri D.K. Ujjainia SE (TAS), Shri M. Seetarama Rao, Shri S.N. Jaiswal EE(TAS), Shri Durga Ram Chowdhary AE(TAS), Shri Akhileshwar Shah, Chief Estimator and the entire team of officers in CSQ unit in preparing and finalizing the DSR 2023, in a short and time bound frame.

I am sure that **CPWD Delhi Schedule of Rates 2023** will be useful to all the engineers, architects and contractors in Building Construction Industry in general, and CPWD in particular.

Place: New Delhi
Date: July 12, 2023


(Rajesh Kumar Kaushal)
Director General



Dharmesh Chandra Goel
Addl. Director General (Tech)



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PREFACE

1. Delhi Schedule of Rates usually called as DSR is updated as DSR-2023 and includes existing items of DSR 2021 with deletion of few items which are not in use now a days & addition of some new items in line with emerging trends in the Construction Industry.
2. DSR 2023 is based on the prevailing market rates of materials in Delhi during the month of April 2023. The labour rates adopted are as per minimum rate of wages applicable with effect from 01.04.2023 issued by Chief Labour Commissioner, Govt. of India/ Commissioner (Labour), Govt. of Delhi, whichever is higher.
3. The cost index for DSR 2023 is 107 with reference to CPWD Delhi Plinth Area Rates 2021, having base 100 as on 01.04.2021
4. The technical sanctioning authority may decide rates of non-scheduled items judiciously, based on market rates without adding cost index. The description of such items along with analysis of rates and specifications may be shared with CSQ for inclusion in next DSR.
5. This DSR 2023 shall be read along with CPWD Specifications 2019 Vol.-I & II with up to date correction slips.
6. The salient Features of DSR 2023 are as follows:
 - 6.1 DSR 2023 is bilingual in two volumes. In case of any discrepancy between English and Hindi versions, the English version will prevail.
 - 6.2 The effect of GST @18% on works contract has been incorporated in all items.
7. Major modifications in the form of correction in nomenclature of items, deletion of misleading content etc. have been undertaken.
8. Wholehearted commitment and considerable efforts have been put for preparation of this edition of Delhi Schedule of Rates. I convey my deep appreciation and sincere thanks to: Shri Prem Mohan, CE, CSQ (Civil), Shri Vinayak Rai, Shri Dinesh Kumar Ujjainia, SE (TAS), Shri M. Seetarama Rao, Shri S.N. Jaiswal EE (TAS),

Shri Akhileshwar Sah Chief Estimator (TAS), Shri Durga Ram Chowdhary, AE (TAS), Shri Gian Chand Singla, AE (TAS), Shri Hemant Panrui, AE (TAS), Shri Raghvendra, AE (TAS) and Shri A.K. Jha AD (OL) and his team for the translation of DSR- 2023 in Hindi and Shri Kamal Passi, Assistant Architect for design of cover page and other officers and staff of CSQ unit whose names are not mentioned here for the sake brevity for their sincere efforts put in the preparation of this document in such a short time. CSQ unit is indebted for the support & immense contribution for their substantial inputs by various individuals and field units for providing suggestions.

9. I convey my gratitude to committees members under the chairmanship of CE (NDZ-I), CE (NDZ-II), CE (NDZ-III) & CE Flyover Zone at Delhi who provided the market rates of material to CSQ which enabled CSQ to come out with this edition of DSR 2023
10. Although, due care has been taken in bringing out DSR-2023, still there is possibility that some errors are left inadvertently. Errors & omission may be brought to the notice of Superintending Engineer (TAS), CPWD, Room No. 418, A-wing, Nirman Bhawan, New Delhi -110011 delsetascsq.cpwd@nic.in / cecsq.cpwd@nic.in

Suggestions from everyone who are using this document are welcome as these have scope for further improvement.

Dharmesh Chandra Goel
ADG(Tech) CPWD

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DELHI SCHEDULE OF RATES

(Vol. 1)

दिल्ली दर अनुसूची

(भाग - 1)

2023

BASIC RATES

BASIC RATES
0.1 HIRE CHARGES OF PLANTS & MACHINERY

Note :- These rates are exclusive of GST, contractor's profit and over heads etc.

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
0001	Hire charges of Coaltar Boiler 900 to 1400 litres	day	900.00
0002	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	day	900.00
0003	Hire charges of Diesel Road Roller - 8 to 10 tonne	day	3350.00
0004	Production cost of concrete by batch mix plant	cum	450.00
0005	Hire charges of Diesel Truck - 9 tonne (with POL)	day	4400.00
0006	Hire charges of Spraying machine including electric charges	day	9750.00
0007	Hire charges of Coaltar Sprayer	day	400.00
0008	Hire charges of Barber green, drying, mixing and Asphalt Plant, with accessories, capacity 30/45 tonne	day	8600.00
0009	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	250.00
0010	Hire charges of Derrick monkey rope	day	850.00
0011	Hire charges of Pump set of capacity 4000 litres/hour	day	800.00
0012	Vibrator (Needle type 40 mm)	day	400.00
0013	Machine for rubbing of floors	day	350.00
0014	Front end loader capacity 1.00 cum	day	6700.00
0015	Hire and running charges of Tripod and Mechanical Winch machine complete with power unit and accessories	day	3350.00
0016	Mastic Cooker	day	850.00
0017	Hire and running charges of tipper	day	4200.00
0018	Hire and running charges of loader	day	6700.00
0019	Hand Grinder for mirror polish	day	300.00
0020	Hydraulic Excavator (3D) with driver and fuel	day	7850.00
0021	Pin vibrator	day	300.00
0022	Surface Vibrator	day	350.00
0023	Hot Bitumen Mixer 0.5 cum i/c hand cart	day	3950.00
0024	Hire and running charges of hydraulic piling rig with power unit etc. including complete accessories and shifting at site	day	39500.00
0025	Hire and running charges of light crane	day	3900.00
0026	Hire and running charges of bentonite pump	day	3350.00
0027	Hire and running charges of vibrating pile driving hammer complete with power unit and accessories	day	33500.00
0028	Hire and running charges of crane 20 tonne capacity	day	7850.00
0029	Carriage of ready mixed concrete by rotatory transit mixer	km/cum	40.00
0030	Generator 250 KVA	day	3350.00
0031	Steam curing by using boiler /Heater	cum	550.00
0032	Stressing Machine (jack with pump)	day	12900.00
0033	Paint applicator	day	900.00
0034	Cutting saw machine	day	1500.00
0035	Strands Roller machinery for laying strands	day	3900.00
0036	Bed master (Pulling strands)	day	3350.00
0037	Mobile crane	day	5050.00
0038	Tractor with ripper attachment	day	1350.00
0039	Tractor with trolley	day	1350.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
0040	Air compressor 250 cfm with two leads for pneumatic cutters / hammers	day	1800.00
0041	Joint cutting machine with 2-3 blades	day	900.00
0042	C.C .batch mix plant	day	11200.00
0043	Road sweeper	day	600.00
0044	Hire & running charge for crane upto 40 tonne capacity	day	8950.00
0045	Slip form paver with sensor	day	14550.00
0046	Water tanker 5000 litre	day	1350.00
0047	Concrete joint cutting machine	day	700.00
0048	Texturing machine	day	1050.00
0049	Dozer 80 HP	hour	1700.00
0050	Motor Grader 3.35 metre blade	hour	2700.00
0051	Hydraulic Excavator of 1 cum bucket	hour	900.00
0052	Front end loader 1 cum bucket capacity (incl POL)	hour	1450.00
0053	Tipper-5 Cum/10 tonnes	tonne/km	3.70
0054	Vibratory roller 8 to 10 tonne	hour	700.00
0055	Smooth Wheeled Roller 8 to 10 tonne	hour	350.00
0056	Tandem Road Roller	hour	1350.00
0057	Water Tanker 5 to 6 KL capacity	hour	250.00
0058	Air compressor	hour	250.00
0059	Wet Mix Plant 60 TPH	hour	1050.00
0060	Mechanical Broom Hydraulic	hour	500.00
0061	Emulsion Pressure Distributor of capacity 1750 sqm per hour	hour	800.00
0062	Hot mix Plant -120 TPH capacity	hour	16800.00
0063	Hot mix Plant 100 TPH Capacity	hour	14550.00
0064	Paver finisher Hydrostatic with sensor control 100 TPH	hour	1700.00
0065	Paver finisher Mechanical 100 TPH	hour	900.00
0066	Batching and Mixing Plant @ 75 cum per hour	hour	2700.00
0067	Cost for crane upto 80 tonne capacity	day	16800.00
0068	Concrete Paver finisher with 40 HP Motor and sensor	hour	3350.00
0069	Generator 250 KVA	hour	450.00
0070	Generator 100 KVA/125 KVA	hour	350.00
0071	Truck 5.5 cum/10 tonnes	tonne km	3.70
0072	Cost for crane having capacity 50MT	day	9500.00
0075	Road sweeper (Mechanical Broom) @ 1250 sqm per hour	hour	500.00
0076	Drum Type HMP of 60-90 TPH capacity @ 75 tonne per hour actual output	hour	13450.00
0080	Hire and running charges of drill machine up to 400 mm dia (including cost of mobile oil, diesel consumption in ordinary soil and operator)	day	8400.00
0081	Pile Integrity testing equipment	day	3350.00
0082	Excavation of Diaphragm wall by Mechanical Grab	sqm	1700.00
0083	Hire charges of TATA 407 or equivalent for local shifting.	day	1550.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
<p>Note :- 1. Above hire - charges (from item code 0001 to 0083) include cost of services of operating staff, Cost of lubricating oil, diesel / Petrol/ Kerosene oil , other consumables for running the plant and machinery and excluding GST. 2. The hire charges of plant machinery on per day basis are for single shift of eight working hours.</p>			
0084	Hire charges of diesel truck - 9 tonne (witout POL)	day	2250.00
0085	Using cost of Ultra Violet Radiation tube	Hour	200.00
0086	Compressor, gun, rubber pipes & other accessories- hire charge of plant & machinery i/c necessary fuel	day	4500.00
0087	Hire Charges of Suction Jeting machine 2200 PSI machine i/c POL and operator	day	44800.00
0088	Hire charges of Drill machine upto 30 mm dia	day	200.00
0089	Hire charges of sand blasting equipment	day	450.00
0090	Hire charges of compressor	day	550.00
0091	Welding charges of shear key to existing reinforcement	each	5.00
0092	Hire charges of plant and Machinery that can inject 350 kg/day	day	250.00
0093	Hire Charges of Suction Jeting machine 1500 PSI machine i/c POL and operator	day	11200.00

BASIC RATES**0.2 LABOUR**

Note:- These rates are exclusive of GST, contractor's profit and over heads and are inclusive of wages for weekly day of rest.

Code No.	Description	Unit	Basic Rate as on or just before 01.04.2023 ₹
0100	Bandhani	day	816.00
0101	Bhisti	day	816.00
0102	Blacksmith 1st class	day	897.00
0103	Blacksmith 2nd class	day	816.00
0111	Carpenter 1st class	day	897.00
0112	Carpenter 2nd class	day	816.00
0113	Chowkidar	day	736.00
0114	Beldar	day	736.00
0115	Coolie	day	736.00
0116	Fitter (grade 1)	day	897.00
0117	Assistant Fitter or 2nd class Fitter	day	816.00
0119	Glazier	day	816.00
0122	Mason (for plaster of paris work) 1st class	day	897.00
0123	Mason 1st class	day	897.00
0124	Mason 2nd class	day	816.00
0125	Mason (for plain stone work) 2nd class	day	816.00
0126	Mason (for ornamental stone work) 1st class	day	897.00
0127	Driver for (Road roller, concrete mixer, Trucks etc.)	day	897.00
0128	Mate	day	816.00
0129	Sewer man	day	736.00
0130	Mistry	day	897.00
0131	Painter	day	816.00
0132	Rock Excavator	day	736.00
0133	Rock Breaker	day	736.00
0134	Rock Hole Driller	day	736.00
0135	Stone Chiseller	day	816.00
0138	Sprayer (for bitumen, tar etc.)	day	816.00
0139	Skilled Beldar (for floor rubbing etc.)	day	816.00
0141	White Washer	day	816.00
0154	Nozzel man/ gun man	day	897.00
0155*	Mason (average)	day	857.00
0156*	Carpenter (average)	day	857.00
0157	Operator (Pile/ Special machine)	day	897.00
0159	Skilled torch operator for laying tack	day	897.00
0160	Technician	day	973.00
0161	Helper (Technician)	day	736.00
0162	Labour for fabrication of uPVC extruded casement/ sliding windows and doors including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	609.00
0163	Labour for installation of uPVC extruded casement/ sliding windows and doors including scaffolding	sqm	882.00
0164	Security guard without gun (8 hours shift duty per day)	day	897.00
0165	Security guard with gun (8 hours shift duty per day)	day	973.00

0166	Installation charges for fixing of façade at all heights with extruded hollow clay/terracotta ventilated rain screen tiles	sqm	736.00
0167	Polisher 1st class	day	897.00
0168	Polisher 2nd class	day	816.00
0169	Specialized technicians	day	973.00

*Note: These rates are average of 1st class and 2nd class categories. These are for use in the analysis of rates only.

BASIC RATES
0.3 MATERIALS

Note:- These rates are exclusive of GST, contractor's profit and over heads and carriage etc.

Code No.	Description	Unit	Basic Rate as on or just before 01.04.2023 ₹
0222	Seam bolts and nuts 6 mm dia and 25 mm long	10 Nos	11.00
0223	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement corrugated sheet 6 mm thick	sqm	245.00
0224	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement close fitting adjustable ridge	metre	230.00
0225	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement corrugate serrated adjustable ridge	metre	230.00
0226	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement plain wing adjustable ridge	metre	230.00
0227	Fibre (high impact poly propylene reinforced) cement unserrated adjustable ridge for hips	metre	230.00
0228	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement corrugated apron piece	metre	220.00
0229	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement eaves filler piece	each	190.00
0230	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement north light curves	metre	300.00
0231	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement ventilator curves	each	340.00
0232	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement barge boards boards 6 mm thick	metre	430.00
0233	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement ridge finial	pair	180.00
0234	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement special north light curves	each	600.00
0235	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement S type louvers	each	280.00
0236	6 mm thick Non - Asbestos multi purpose fibre cement board Type-B, Category-III as per IS: 14862:2000	sqm	230.00
0237	Multi purpose fibre (high impact poly propylene reinforced) cement board 8 mm thick, Type-B, Category-III as per IS 14862:2000	sqm	240.00
0238	6 mm thick Fibre Cement Board Type A, Category IV as per IS 14862:2000	sqm	510.00
0239	8 mm thick heavy duty fiber cement board	sqm	330.00
0240	9 mm thick Fibre Cement Board Type A, Category IV as per IS 14862:2000	sqm	680.00
0241	12.5 mm thick Gypsum plaster board	sqm	180.00
0242	6 mm thick multipurpose cement bonded wood particle board conforming to IS : 14276	sqm	210.00
0243	8 mm thick multipurpose cement bonded wood particle board conforming to IS : 14276	sqm	230.00
0244	Factory made light weight composite non asbestos fibre reinforced aerated cement sandwiched wall/roof panel (50 mm thick). The outer face on both sides of the panels will be non asbestos fibre cement board (minimum 4 mm thick) Type B, Category III as per IS 14862:2000	sqm	650.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
0245	Factory made light weight non asbestos fibre reinforced aerated cement sandwitched wall/roof panel (75 mm thick). The outer face on both sides of the panels will be non asbestos fibre cement board (minimum 5 mm thick) Type B, Category III as per IS 14862:2000	sqm	860.00
0246	2 mm thick sim pad	each	11.00
0247	5 mm thick sim pad	each	16.00
0248	10 mm thick sim pad	each	27.00
0249	10 mm thick Cement Bonded particle board conforming to IS 14276	sqm	500.00
0251	6 mm thick fiber cement board Type A, Category III as per IS: 14862:2000	sqm	244.00
0252	9 mm thick fiber cement board Type A, Category III as per IS: 14862:2000	sqm	306.00
0253	Factory made light weight composite non asbestos fibre reinforced aerated cement sandwitched wall/roof panel (50 mm thick). The outer face on both sides of the panels will be non asbestos fibre cement board (minimum 4 mm thick) Type A, Category III as per IS 14862:2000	sqm	722.00
0254	Factory made light weight composite non asbestos fibre reinforced aerated cement sandwitched wall/roof panel (50 mm thick). The outer face on both sides of the panels will be non asbestos fibre cement board (minimum 4 mm thick) Type A, Category IV as per IS 14862:2000	sqm	1012.00
0255	Factory made light weight non asbestos fibre reinforced aerated cement sandwitched wall/roof panel (75 mm thick). The outer face on both sides of the panels will be non asbestos fibre cement board (minimum 5 mm thick) Type A, Category III as per IS 14862:2000	sqm	822.00
0256	Factory made light weight non asbestos fibre reinforced aerated cement sandwitched wall/roof panel (75 mm thick). The outer face on both sides of the panels will be non asbestos fibre cement board (minimum 5 mm thick) Type A, Category IV as per IS 14862:2000	sqm	1185.00
0278	Manufactured sand derived from Recycled Concrete Aggregate (RCA)	cum	957.00
0279	Recycled Concrete Aggregate (RCA) 20 mm nominal size	cum	957.00
0280	Recycled Concrete Aggregate (RCA) 12.5 mm nominal size	cum	957.00
0281	Recycled Concrete Aggregate (RCA) 10 mm nominal size	cum	957.00
0282	Recycled Aggregate (RA) 40 mm nominal size	cum	390.00
0283	Recycled Aggregate (RA) 20 mm nominal size	cum	420.00
0284	Recycled Aggregate (RA) 10 mm nominal size	cum	450.00
0285	Brick Aggregate (Single size) : 63 mm nominal size	cum	700.00
0286	Brick Aggregate (Single size) : 50 mm nominal size	cum	700.00
0287	Brick Aggregate (Single size) : 40 mm nominal size	cum	700.00
0291	Stone Aggregate (Single size) : 63 mm nominal size	cum	1100.00
0292	Stone Aggregate (Single size) : 50 mm nominal size	cum	1100.00
0293	Stone Aggregate (Single size) : 40 mm nominal size	cum	1400.00
0294	Stone Aggregate (Single size) : 25 mm nominal size	cum	1400.00
0295	Stone Aggregate (Single size) : 20 mm nominal size	cum	1425.00
0296	Stone Aggregate (Single size) : 12.5 mm nominal size	cum	1400.00
0297	Stone Aggregate (Single size) : 10 mm nominal size	cum	1400.00
0298	Stone Aggregate (Single size) : 06 mm nominal size	cum	1425.00
0302	Safeda ballies 125 mm diameter	metre	44.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
0303	Cowdung	cum	270.00
0304	Bajri	cum	1100.00
0305	Bamboo 25 mm dia 2.5 metre long	score	420.00
0308	Bhusa	quintal	530.00
0309	Paving bitumen of grade VG-10 of approved quality	tonne	33530.00
0310	Bitumen emulsion	tonne	33850.00
0312	Bitumen grade PMB - 40	tonne	36200.00
0313	Blown type petroleum bitumen of penetration 85/25 of approved quality	tonne	38250.00
0314	Bitumen hot sealing compound : grade A	kg	30.00
0316	Bitumen solution primer of approved quality	litre	50.00
0317	Premoulded joint filler 12 mm thick	sqm	380.00
0318	Bitumen felt fibre base (vegetable or animal):As per IS 7193 Grade I	sqm	75.00
0319	Bitumen felt as per IS 7193 Grade II	sqm	90.00
0322	Bitumen felt :Type 3 grade 1	sqm	80.00
0323	Separation Membrane of impermeable plastic sheeting 125 micron thick	sqm	15.00
0324	Coal Tar	litre	35.00
0325	Blasting powder	kg	44.00
0326	Blasting fuse (fuse wire)	each	46.00
0328	White face insulating board: 12 mm thick	sqm	258.00
0332	Natural colour insulating board: 12 mm thick	sqm	231.00
0336	Flame retardant face insulating board: 12 mm thick	sqm	357.00
0339	Flame retardant face insulating, Impregnated fibre board 12 mm thick	sqm	412.00
0341	Flat pressed three layer or graded wood particle board (medium density) exterior grade Grade 1, FPT-1, conforming and marked to IS:3087 12 mm thick	sqm	325.00
0346	Extra for veneered particle board with Teak veneering on one side and commercial veneering on other side	sqm	253.00
0347	Extra for veneered particle board with Commercial veneering on both sides	sqm	170.00
0348	Extra for veneered particle board with Teak veneering on both sides	sqm	550.00
0349	Curing compound	litre	41.00
0351	Integral crystalline slurry	kg	214.00
0352	Integral crystalline admixture	kg	253.00
0353	Crystalline mortar	kg	209.00
0354	Integral crystalline dry shake	kg	308.00
0355	Swellable type water stop tape	metre	354.00
0356	Primer for swellable type water stop tape	litre	1430.00
0357	Polymer modified adhesive mortar	kg	16.00
0362	Brick bats	cum	525.00
0364	Wire brush	each	25.00
0365	Soft brush	each	25.00
0367	Portland Cement (OPC-43 Grade)	tonne	5156.00
0368	White Cement	tonne	10500.00
0369	Plastic sheet, 1.25 mm thick for dowel bars	sqm	27.00
0370	Coal (steam)	quintal	500.00
0371	Sealant primer	kg	143.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
0373	Cramp Gun metal 25x6x300 mm	each	88.00
0374	Pre moulded Joint filler, 25 mm thick for expansion joint.	sqm	440.00
0378	Brass butt hinges (light/ordinary type) : 125x70x4 mm	10 Nos	852.00
0379	Brass butt hinges (light/ordinary type) : 100x70x4 mm	10 Nos	687.00
0380	Brass butt hinges (light/ordinary type) : 75x40x2.5 mm	10 Nos	418.00
0381	Brass butt hinges (light/ordinary type) : 50x40x2.5 mm	10 Nos	170.00
0382	Brass butt hinges (heavy type) : 125x85x5.5 mm(0.70 kg)	10 Nos	1439.00
0383	Brass butt hinges (heavy type) : 100x85x5.5 mm(0.56 kg)	10 Nos	1096.00
0384	Brass butt hinges (heavy type) :75x65x4.0 mm (weighing not less than 0.20 kg)	10 Nos	921.00
0385	Brass parliamentary hinges 150x125x27x5 mm	10 Nos	2871.00
0386	Brass parliamentary hinges 125x125x27x5 mm	10 Nos	2530.00
0387	Brass parliamentary hinges 100x125x27x5 mm	10 Nos	2299.00
0388	Brass parliamentary hinges 75x100x20x3.2 mm	10 Nos	2057.00
0389	Brass single acting spring hinges 150 mm	each	467.00
0390	Brass single acting spring hinges 125 mm	each	313.00
0391	Brass single acting spring hinges 100 mm	each	275.00
0392	Brass double acting spring hinges 150 mm	each	528.00
0393	Brass double acting spring hinges 125 mm	each	440.00
0394	Brass double acting spring hinges 100 mm	each	429.00
0400	Brass tower bolt (barrel type) 250x10 mm	each	285.00
0401	Brass tower bolt (barrel type) 200x10 mm	each	230.00
0402	Brass tower bolt (barrel type) 150x10 mm	each	180.00
0403	Brass tower bolt (barrel type) 100x10 mm	each	120.00
0404	Brass flush bolt 250 mm	each	175.00
0405	Brass flush bolt 150 mm	each	150.00
0406	Brass flush bolt 100 mm	each	110.00
0408	Brass handles 125 mm with plate 175x32 mm	each	170.00
0409	Brass handles 100 mm with plate 150x32 mm	each	155.00
0410	Brass handles 75 mm with plate 125x32 mm	each	120.00
0411	Brass door latch 300x16x5 mm weighing not less than 0.380 kg	each	205.00
0412	Brass door latch 250x16x5 mm weighing not less than 0.350 kg	each	195.00
0413	Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	each	440.00
0414	Brass mortice latch 100x65 mm with a pair of brass lever handles	each	350.00
0417	Brass 150 mm floor door stopper weighing not less than 0.357kg	each	175.00
0418	Brass hard drawn hooks and eyes 300 mm	10 Nos	660.00
0419	Brass hard drawn hooks and eyes 250 mm	10 Nos	631.00
0420	Brass hard drawn hooks and eyes 200 mm	10 Nos	561.00
0421	Brass hard drawn hooks and eyes 150 mm	10 Nos	440.00
0422	Brass hard drawn hooks and eyes 100 mm	10 Nos	379.00
0423	Brass casement window fastener	each	49.00
0424	Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg	each	138.00
0425	Brass casement stays (straight peg type) 250 mm weighing not less than 0.28 kg	each	110.00
0426	Brass casement stays (straight peg type) 200 mm weighing not less than 0.24 kg	each	104.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
0427	Brass quadrant stays 300 mm	each	121.00
0428	Brass fanlight catch	10 Nos	187.00
0429	Brass fanlight pivot	10 Nos	184.00
0430	Brass chain with hook for fan light catch	each	39.00
0431	Brass hasps and staples (safety type) 150 mm	10 Nos	814.00
0432	Brass hasps and staples (safety type) 115 mm	10 Nos	737.00
0433	Brass hasps and staples (safety type) 90 mm	10 Nos	632.00
0438	Brass night latch	each	671.00
0442	Brass helical spring 150 mm	each	319.00
0444	Brass curtain rod 20 mm dia 1.25 mm thick	metre	154.00
0445	Brass curtain rod 25 mm dia 1.25 mm thick	metre	209.00
0446	Brass brackets (curtain rods) 20 mm	each	49.00
0447	Brass cupboard knob or wardrobe knob 50 mm	each	39.00
0449	Brass screws 50 mm	100 Nos	242.00
0450	Brass screws 40 mm	100 Nos	187.00
0451	Brass screws 30 mm	100 Nos	154.00
0452	Brass screws 25 mm	100 Nos	110.00
0453	Brass screws 20 mm	100 Nos	104.00
0454	Stainless steel SS grade 304 , curtain rod 20 mm dia 1.20 mm thick	metre	137.00
0455	Stainless steel SS grade 304, curtain rod 25 mm dia 1.20 mm thick	metre	187.00
0456	Stainless steel SS grade 304, brackets (curtain rod) 20 mm dia 1.20 mm thick	each	50.00
0457	Stainless steel SS grade 304, brackets (curtain rod) 25 mm dia 1.20 mm thick	each	60.00
0458	plastic sleeves for screw	each	2.20
0524	Chromium plated Brass butt hinges (heavy) type 75x65x4 mm weighing not less than 200gms	10 Nos	932.00
0525	Chromium plated Brass butt hinges (light/ordinary) type 125x70x4 mm	10 Nos	720.00
0526	Chromium plated Brass butt hinges (light/ordinary) type 100x70x4 mm	10 Nos	635.00
0527	Chromium plated Brass butt hinges (light/ordinary) type 75x40x2.5 mm	10 Nos	381.00
0528	Chromium plated Brass butt hinges (light/ordinary) type 50x40x2.5 mm	10 Nos	200.00
0552	75 mm SS fancy handles for kitchen cabinet	10 Nos.	285.00
0553	100 mm SS fancy handles for kitchen cabinet	10 Nos	508.00
0554	125 mm SS fancy handles for kitchen cabinet	10 Nos	710.00
0555	Chromium plated Brass handles 125 mm with plate 175 x32 mm	each	152.00
0556	Chromium plated Brass handles 100 mm with plate 150 x 32 mm	each	135.00
0557	Chromium plated Brass handles 75 mm with plate 125x32 mm	each	114.00
0558	Chromium plated Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	each	541.00
0568	Chromium plated brass casement window fastener	each	93.00
0569	Chromium plated Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg	each	135.00
0570	Chromium plated Brass casement stays (straight peg type) 250 mm weighing not less than 0.28 kg	each	118.00
0571	Chromium plated Brass casement stays (straight peg type) 200 mm weighing not less than 0.24 kg	each	101.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
0583	Chromium plated Brass Night latch	each	509.00
0584	Chromium plated Brass Wardrobe Knob 50 mm	each	93.00
0585	Chromium plated Brass screws 50 mm	100 Nos	275.00
0586	Chromium plated Brass screws 40 mm	100 Nos	254.00
0587	Chromium plated Brass screws 30 mm	100 Nos	228.00
0588	Chromium plated Brass screws 25 mm	100 Nos	177.00
0589	Chromium plated Brass screws 20 mm	100 Nos	152.00
0590	Chromium plated Brass curtain rod 12 mm dia 1.25 mm thick	metre	178.00
0591	Chromium plated Brass curtain rod 20 mm dia 1.25 mm thick	metre	254.00
0592	Chromium plated Brass curtain rod 25 mm dia 1.25 mm thick	metre	347.00
0593	C.P. Brass Extension Nipple (1/2"x2" size)	each	46.00
0594	Bright finished or black enameled ISI marked IS:1341 mild steel pressed butt hinges 125x65x 2.12 mm	10 Nos	122.00
0595	Bright finished or black enameled ISI marked IS:1341 mild steel pressed butt hinges 100x58x 1.90 mm	10 Nos	80.00
0596	Bright finished or black enameled ISI marked IS:1341 mild steel pressed butt hinges 75x47x 1.70 mm	10 Nos	63.00
0597	Bright finished or black enameled ISI marked IS:1341 mild steel pressed butt hinges 50x37x 1.50 mm	10 Nos	49.00
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	42.00
0635	Bright finished or black enameled mild steel screws 50 mm	100 Nos	80.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	62.00
0638	Bright finished or black enameled mild steel screws 30 mm	100 Nos	48.00
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	42.00
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	40.00
0641	Bright finished or black enameled mild steel bolts and nuts 50x6 mm	each	6.00
0642	Oxidised mild steel butt hinges 125x65x2.12 mm	10 Nos	135.00
0643	Oxidised mild steel butt hinges 100x58x1.90 mm	10 Nos	96.00
0644	Oxidised mild steel butt hinges 75x47x1.70 mm	10 Nos	70.00
0645	Oxidised mild steel butt hinges 50x37x1.50 mm	10 Nos	60.00
0646	Oxidised mild steel parliamentary hinges 150x125x27x2.8 mm	10 Nos	365.00
0647	Oxidised mild steel parliamentary hinges 125x125x27x2.8 mm	10 Nos	325.00
0648	Oxidised mild steel parliamentary hinges 100x125x27x2.8 mm	10 Nos	250.00
0649	Oxidised mild steel parliamentary hinges 75x100x20x2.24 mm	10 Nos	215.00
0650	Oxidised mild steel single acting spring hinges 150 mm	each	150.00
0651	Oxidised mild steel single acting spring hinges 125 mm	each	130.00
0652	Oxidised mild steel single acting spring hinges 100 mm	each	110.00
0653	Oxidised mild steel double acting spring hinges 150 mm	each	175.00
0654	Oxidised mild steel double acting spring hinges 125 mm	each	150.00
0655	Oxidised mild steel double acting spring hinges 100 mm	each	130.00
0656	Nickel plated mild steel piano hinges 1 mm thick 35 mm wide	metre	42.00
0660	Oxidised mild steel sliding door bolt 300x16 mm	each	100.00
0661	Oxidised mild steel sliding door bolt 250x16 mm	each	85.00
0662	Oxidised mild steel door latch 300x20x6 mm	each	55.00
0663	Oxidised mild steel door latch 250x20x6 mm	each	42.00
0664	Oxidised mild steel tower bolt (barrel type) 250x10 mm	each	45.00
0665	Oxidised mild steel tower bolt (barrel type) 200x10 mm	each	36.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
0666	Oxidised mild steel tower bolt (barrel type) 150x10 mm	each	30.00
0667	Oxidised mild steel tower bolt (barrel type) 100x10 mm	each	21.00
0668	Oxidised mild steel handles 125 mm	each	21.00
0669	Oxidised mild steel handles 100 mm	each	16.00
0670	Oxidised mild steel handles 75 mm	each	14.00
0679	Oxidised mild steel hasps and staples (safety type) 150 mm	10 Nos	132.00
0680	Oxidised mild steel hasps and staples (safety type) 115 mm	10 Nos	112.00
0681	Oxidised mild steel hasps and staples (safety type) 90 mm	10 Nos	81.00
0682	Oxidised mild steel screws 50 mm	100 Nos	85.00
0683	Oxidised mild steel screws 40 mm	100 Nos	70.00
0684	Oxidised mild steel screws 30 mm	100 Nos	50.00
0685	Oxidised mild steel screws 25 mm	100 Nos	39.00
0686	Oxidised mild steel screws 20 mm	100 Nos	33.00
0687	Anodised Aluminium butt hinges 125x75x4 mm	10 Nos	580.00
0688	Anodised Aluminium butt hinges 125x63x4 mm	10 Nos	415.00
0689	Anodised Aluminium butt hinges 100x75x4 mm	10 Nos	410.00
0690	Anodised Aluminium butt hinges 100x63x3.2 mm	10 Nos	280.00
0691	Anodised Aluminium butt hinges 100x63x4 mm	10 Nos	335.00
0692	Anodised Aluminium butt hinges 75x63x4 mm	10 Nos	285.00
0693	Anodised Aluminium butt hinges 75x63x3.2 mm	10 Nos	240.00
0694	Anodised Aluminium butt hinges 75x45x3.2 mm	10 Nos	205.00
0696	Anodised Aluminium sliding door bolt 300x16 mm	each	160.00
0697	Anodised Aluminium sliding door bolt 250x16 mm	each	130.00
0698	Anodised Aluminium tower bolt (barrel type) 300x10 mm	10 Nos	610.00
0699	Anodised Aluminium tower bolt (barrel type) 250x10 mm	10 Nos	505.00
0700	Anodised Aluminium tower bolt (barrel type) 200x10 mm	10 Nos	400.00
0701	Anodised Aluminium tower bolt (barrel type) 150x10 mm	10 Nos	320.00
0702	Anodised Aluminium tower bolt (barrel type) 100x10 mm	10 Nos	240.00
0703	Anodised Aluminium handles 125 mm with plate 175 x 32 mm	10 Nos	335.00
0704	Anodised Aluminium handles 100 mm with plate 150 x 32 mm	10 Nos	290.00
0705	Anodised Aluminium handles 75 mm with plate 125 x 32 mm	10 Nos	245.00
0706	Anodised Aluminium kicking plate 50 cm long 100x3.15 mm	each	150.00
0713	Block board construction flush door with teak wood ply on both faces 35 mm thick	sqm	1860.00
0714	Block board construction flush door with teak wood ply on both faces 30 mm thick	sqm	1645.00
0715	Block board construction flush door with teak wood ply on both faces 25 mm thick	sqm	1445.00
0717	Block board construction flush door with commercial ply on both faces 35 mm thick	sqm	1100.00
0718	Block board construction flush door with commercial ply on both faces 30 mm thick	sqm	945.00
0719	Block board construction flush door with commercial ply on both faces 25 mm thick	sqm	935.00
0752	Block board construction flush door lipping 25 mm thick	sqm of door area	325.00
0753	Square vision panel in Block board construction flush door not exceeding 0.10 sqm	sqm of door area	140.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
0754	Circular vision panel in Block board construction flush door	sqm of door area	145.00
0755	Decorative type louvers in Block board construction flush door	sqm of door area	285.00
0757	Rebate cutting in block board construction flush door	sqm of door area	75.00
0759	Decorative plywood 4 mm	sqm	345.00
0761	Fuel wood	quintal	550.00
0763	Glue	kg	80.00
0764	Calcium silicate base compound for jointing calcium silicate tiles	kg	28.00
0765	Hessian cloth	sqm	38.00
0768	Cement Concrete Jali 50 mm thick	sqm	435.00
0769	Cement Concrete Jali 40 mm thick	sqm	380.00
0770	Cement Concrete Jali 25 mm thick	sqm	295.00
0771	Kerosene oil	litre	50.00
0772	White cement based polymer modified self curing compound in powder form	kg	18.00
0773	Unslaked lime	quintal	325.00
0775	Dehradun white lime	quintal	650.00
0776	Satna lime	quintal	400.00
0777	Dry hydrated lime (factory made)	quintal	315.00
0784	Marble dust/ powder	cum	1180.00
0785	Marble chips up to 4 mm and down size White & black	quintal	200.00
0788	Marble chips large size above 4 mm White & black	quintal	280.00
0801	Silicon and acrylic emulsion	litre	140.00
0802	Acrylic distemper 1st quality , having VOC content less than 50 grams/ litre	Kg	45.00
0803	Acrylic emulsion, having VOC content less than 50 grams/ litre	litre	105.00
0804	Premium plastic acrylic emulsion of interior grade, having VOC content less than 50 grams/ litre	litre	210.00
0806	Ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	litre	100.00
0808	Water thinnable cement primer for interior wall surface, having VOC content less than 50 grams/ litre	litre	40.00
0810	Moorum	cum	540.00
0811	Mud (dry)	cum	190.00
0818	Linseed oil (double boiled)	litre	215.00
0824	White cement based putty	kg	18.00
0826	Aluminium paint	litre	170.00
0827	Acid proof paint (chocolate or black)	litre	225.00
0828	Anticorrosive bituminous paint (black)	litre	120.00
0829	Black Japan paint	litre	110.00
0833	Synthetic enamel paint in black or chocolate shade	litre	180.00
0834	Synthetic enamel paint in all shades except black or chocolate shade	litre	178.00
0836	100% Premium acrylic dirt resistance, Silicone additives exterior paint	litre	300.00
0837	Acrylic Exterior Primer	litre	80.00
0845	Roofing paint for iron sheets in red colour	litre	135.00
0850	White lead	kg	190.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
0851	Water proofing cement paint	kg	41.00
0855	Wax polish (ready made)	kg	242.00
0856	Ordinary varnish	litre	110.00
0857	Superior copal varnish	litre	115.00
0858	Superior spar varnish	litre	115.00
0859	Oil type wood preservative	litre	130.00
0863	Putty for wood work	kg	32.00
0865	Pig lead	kg	180.00
0868	Premixed super white gypsum plaster	kg	8.00
0869	Plaster of Paris	kg	7.00
0870	Plug	each	10.00
0873	Copper pins 6 mm dia 7.5 cm long	each	12.00
0874	Black colour dark shade pigment	kg	75.00
0875	Red, chocolate, orange, buff or yellow (red oxide of iron) light shade pigment	kg	65.00
0876	Green or blue medium shade pigment	kg	60.00
0886	Standard holder bat clamps for sand cast iron or cast iron pipes 150 mm dia	each	50.00
0966	Sand Cast iron plain shoe 150 mm dia	each	320.00
0967	Copper plate	kg	550.00
0969	Pulley 25 mm dia	each	48.00
0973	Rolling shutter made of 80x1.25 mm machine rolled laths	sqm	1600.00
0974	Top cover for rolling shutters 1.25 mm thick	metre	920.00
0975	27.5 cm long wire spring grade No. 2 for rolling shutters	each	330.00
0976	Ball bearing for rolling shutters	each	285.00
0977	Extra for mechanical devices chain and cranked operation for operating rolling shutters: exceeding 10.00 sqm and up to 16.80 sqm area of door	sqm	870.00
0978	Extra for mechanical devices chain and cranked operation for operating rolling shutters: exceeding 16.80 sqm area of door	sqm	800.00
0979	Royalty for good earth	cum	60.00
0980	Royalty for sludge	cum	100.00
0982	Coarse sand (zone III)	cum	1450.00
0983	Fine sand (zone IV)	cum	980.00
0992	Galvanised steel plain sheets	quintal	6800.00
0993	FY-1860 grade wire strands	quintal	7500.00
0994	Standard quality hard board sheet 3 mm thick	sqm	145.00
0996	Standard quality hard board sheet 4.5 mm thick	sqm	225.00
0999	Shellac	kg	300.00
1000	Spirit	litre	60.00
1001	Spun yarn	kg	60.00
1002	Mild steel round bar 12 mm dia and below	quintal	5550.00
1003	Mild steel round bar above 12 mm dia	quintal	5450.00
1004	Average rate of Mild steel round bars for reinforcement	quintal	5500.00
1005	Twisted steel/ deformed TMT bars Fe-500D	quintal	5550.00
1006	Mild steel square bars	quintal	5500.00
1007	Structural steel such as tees, angles channels and R.S. joists	quintal	5965.00
1008	Flats up to 10 mm in thickness	quintal	5450.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
1009	Flats exceeding 10 mm in thickness	quintal	5500.00
1010	Mild steel plates	quintal	5700.00
1011	Steel glazed door, window/ ventilator, all members viz. F7D, F4B, K11 and K12B etc.	kg	59.00
1012	Pregalvanized high tensile steel conforming to IS:277-199	kg	110.00
1013	Mild steel sheets of 1.00 mm thickness for tanks	quintal	5500.00
1015	Mild steel expanded metal 20x60 mm strands 3.25 mm wide 1.60 mm thick	sqm	280.00
1019	Mild steel hooks	each	32.00
1020	Mild steel rivets	quintal	5100.00
1021	Hard drawn steel wire fabric 75 x 25 mm mesh of weight not less than 7.75 kg/sqm	sqm	430.00
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots	10 Nos	38.00
1023	Galvanised steel J or L hooks 8 mm dia	10 Nos	130.00
1024	Galvanised steel bolts & nuts 10 mm dia and 125 mm long round head with slots	each	9.00
1025	Mild steel bolts 6 mm dia and 25 mm long with hexagonal head	10 Nos	10.00
1027	Erection Bolts (Minimum 04 nos for each element)	each	25.00
1028	Straining bolts	each	80.00
1029	Galvanised steel barbed wire of 9.8 kg /100metre	quintal	5500.00
1030	Galvanised steel turn buckles	each	25.00
1031	Galvanised steel bolts & nuts 10 mm dia and 27 cm long both sides threaded with 4 galvanised steel nuts	each	20.00
1032	Galvanised steel bolts 10 mm dia and 7 cm long with nuts	each	6.00
1034	Bolts and nuts up to 300 mm in length	quintal	5200.00
1035	Bolts and nuts above 300 mm in length	quintal	5300.00
1036	Iron pintels including welded pin	each	37.00
1143	Steel beading 10x10x1.6 mm (box type)	metre	27.00
1145	Aluminium Plain Strip edging 38x12x3 mm	metre	90.00
1149	Glass strip 4 mm thick 40 mm deep	metre	20.00
1151	Boundary stone top chisel dressed 15x15x90 cm	each	80.00
1154	Through and bond stone	100 Nos	5000.00
1157	Stone for masonry work	cum	1250.00
1158	Stone for pitching 15 cm x 22.5 cm	cum	700.00
1159	Stone dust	cum	1100.00
1160	Red sand stone block	10 cudm	130.00
1161	White sand stone block	10 cudm	205.00
1163	White sand stone slab 75 mm thick (un-dressed)	sqm	900.00
1164	Red sand stone slab 40 mm thick (un-dressed)	sqm	330.00
1165	White sand stone slab 40 mm thick (un-dressed)	sqm	370.00
1166	Red sand stone slab 30 mm thick (un-dressed)	sqm	300.00
1168	Kota stone slab 20 mm to 25 mm thick (semi-polished)	sqm	320.00
1169	Kota stone slab 25 mm thick (rough chiseled)	sqm	280.00
1174	Red sand stone slab 45 mm to 50 mm thick (un-dressed)	sqm	340.00
1175	White sand stone slab 45 mm to 50 mm thick (un-dressed)	sqm	320.00
1177	Stone grit 6 mm and down size or pea sized gravel	cum	985.00
1179	Crushed stone 2.36 mm to 12.5 mm size	cum	1005.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
1182	Surkhi	cum	778.00
1186	Superior class teak wood such as Dandeli, Balarshah or Malabar in planks	10 cudm	1100.00
1187	First class teak wood in scantling	10 cudm	880.00
1188	First class teak wood in planks	10 cudm	850.00
1189	Second class teak wood in scantling	10 cudm	776.00
1190	Second class teak wood in planks	10 cudm	791.00
1191	Marandi wood in planks	10 cudm	480.00
1192	Marandi wood in scantling	10 cudm	431.00
1194	Second class deodar wood in planks	10 cudm	500.00
1196	First class kail wood in planks	10 cudm	300.00
1197	Second class kail wood in scantling	10 cudm	260.00
1198	Second class kail wood in planks	10 cudm	260.00
1199	Sal wood in scantling	10 cudm	600.00
1200	Kiln seasoned selected sheesham wood planks	10 cudm	650.00
1201	Precast terrazzo tiles 22 mm thick (light shade)	sqm	330.00
1202	Precast terrazzo tiles 22 mm thick (medium shade)	sqm	315.00
1203	Precast terrazzo tiles 22 mm thick (dark shade)	sqm	285.00
1204	Precast heat resistant terrace tiles (size 300x300 mm) and 20 mm thick	sqm	465.00
1207	G.I. Limpet washer	100 Nos	21.00
1208	Bitumen washer	100 Nos	30.00
1209	G.I. plain washer thick	100 Nos	35.00
1210	G.I. plain washer thin	100 Nos	21.00
1211	G.I. plain washer for seam bolts	100 Nos	32.00
1213	Water proofing materials	kilogram	45.00
1214	Welding by gas plant	cm	2.00
1215	Welding by electric plant	cm	2.50
1216	Whiting	quintal	600.00
1217	GI Wire mesh 100x100 mm	kg	75.00
1218	M.S. Shear stud	each	50.00
1219	M.S. Wire nails	kilogram	58.00
1220	M.S. Wire mesh (rabbit)	sqm	42.00
1221	M.S. 20 mm dia holding down bolts	quintal	6100.00
1222	Mild steel sheets with bolts and nuts to rest on pintels	each	120.00
1223	Steel weld mesh	sqm	150.00
1224	Hard drawn steel wire	quintal	4800.00
1225	Mild steel flat strap fitting	quintal	4120.00
1227	Chequered terrazzo tiles 22 mm thick (light shade)	sqm	320.00
1228	Chequered terrazzo tiles 22 mm thick (medium shade)	sqm	300.00
1229	Chequered terrazzo tiles 22 mm thick (dark shade)	sqm	280.00
1231	Extra for selected planks of second class teakwood	10 cudm	150.00
1234	Aluminium Plain Strip edging 57x12x3 mm	metre	135.00
1235	Diesel	litre	89.62
1237	Cutting marble or sand stone slab up to 50 mm thick by mechanical device	metre	10.00
1238	Extra for selected planks of first class teakwood	10 cudm	150.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
1239	18 mm thick Flamed finish granite stone slab	sqm	1200.00
1240	18 mm thick Italian Marble stone slab, Perlato (slab area up to 0.5 sqm).	sqm	3200.00
1241	Commercial LPG in cylinder	kg	106.00
1242	Glass mosaaic tiles (20 mm x 20 mm x 4 mm)	sqm	2270.00
1243	Tile fixing chemical adhesive	kg	12.00
1244	Cement Polymer Grout Compound	kg	16.00
1245	Acid for cleaning tiles	litre	20.00
1246	Silicon based Joint Sealant for Tiles	kg	160.00
1247	Rubber base Adhesive	kg	223.00
1248	Epoxy based sealing Compound	kg	535.00
1249	Acrylic based sealing compound	kg	500.00
1250	Non woven reinforcement Tape	metre	0.14
1251	M-60 grade cementitious grout (Non Shrink)	kg	28.00
1252	Cementitious polymer base adhesive conforming to EOTA ETAG 004 (European Technical Approval)	kg	40.00
1253	Polypropylene mechanical fastener with plastic pin conforming to EOTA ETAG 014 (European Technical Approval) having dia 10 mm & L=200 mm	each	30.00
1254	Moisture cure Polyurethane Foam	750 ml	550.00
1255	PVC Corner Bead of size 25 mmx25 mm fixed with glass fibre mesh (100 mm x 100 mm)	metre	88.00
1256	Cementitious polymer base coat conforming to EOTA ETAG 004 (European Technical Approval)	kg	35.00
1257	Fiberglass mesh with alkali-resistant coating having mass per unit area ≥ 145 g/m ² , mesh size: 3.9x4.0 mm $\pm 10\%$	sqm	70.00
1301	Bleaching powder	quintal	1700.00
1304	Surface box for stop cock	each	120.00
1305	Surface box for sluice valve	each	200.00
1307	Surface box for water meter	each	200.00
1309	C.I. bracket for wash basin and sinks	pair	95.00
1313	8 mm dia C.P. Brass/ S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate for European type W.C.	each	220.00
1314	C.P.brass chain with 32 mm dia rubber plug	each	38.00
1315	C.P.brass chain with 40 mm dia rubber plug	each	37.00
1316	50 mm x 50 mm hard wood plug	each	48.00
1330	Clamps and M.S. stays including bolts and nuts for 100 mm pipe	each	67.50
1331	M.S. Holder bat clamp of approved design for 100 mm S.C.I. pipe	each	27.00
1332	M.S. Holder bat clamp of approved design for 75 mm S.C.I. pipe	each	25.00
1334	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	each	36.00
1335	Clamps and M.S. stays including bolts and nuts for 75 mm pipe	each	39.00
1336	Clearing eye with chain and lid 100 mm dia	each	50.00
1337	Clearing eye with chain and lid 150 mm dia	each	60.00
1339	Brass bib-cock 15 mm dia	each	230.00
1340	Brass bib-cock 20 mm dia	each	245.00
1342	Brass stop-cock 15 mm dia	each	230.00
1343	Brass stop-cock 20 mm dia	each	245.00
1350	Mosquito proof coupling of approved design	each	35.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
1352	C.I. cover and frame 300x300 mm inside	each	525.00
1353	C.I. cover without frame 300x300 mm inside weight not less than 4.50 kg	each	525.00
1354	C.I. Rectangular cover 455x610 mm with frame (low duty)	each	1540.00
1355	C.I. Rectangular cover 455x610 mm without frame (low duty)	each	850.00
1356	C.I. 500 mm dia cover with frame (medium duty)	each	4400.00
1357	C.I. 500 mm dia cover without frame (medium duty)	each	2300.00
1360	C.I. mouth, brass ferrule 15 mm dia	each	140.00
1361	C.I. mouth, brass ferrule 20 mm dia	each	160.00
1362	C.I. mouth, brass ferrule 25 mm dia	each	220.00
1363	Vitreous china foot rests 250x130x30 mm	pair	100.00
1364	C.I. grating 100x100 mm	each	40.00
1366	C.I. grating 150x150 mm	each	55.00
1367	C.I. grating 180x180 mm	each	65.00
1369	S.C.I. gully or nahani grating 100 mm dia	each	28.00
1373	Rubber insertions for 75 mm dia pipe joints	each	18.00
1374	Rubber insertions for 100 mm dia pipe joints	each	20.00
1375	Rubber insertions for 125 mm dia pipe joints	each	18.00
1376	Rubber insertions for 150 mm dia pipe joints	each	19.00
1377	Rubber insertions for 200 mm dia pipe joints	each	24.00
1378	Rubber insertions for 250 mm dia pipe joints	each	38.00
1379	Rubber insertions for 300 mm dia pipe joints	each	40.00
1380	Rubber insertions for 350 mm dia pipe joints	each	51.00
1381	Rubber insertions for 400 mm dia pipe joints	each	72.00
1382	Rubber insertions for 450 mm dia pipe joints	each	88.00
1383	Rubber insertions for 500 mm dia pipe joints	each	105.00
1384	Rubber insertions for 600 mm dia pipe joints	each	120.00
1392	Mirror of superior make glass 60x45 cm	each	450.00
1396	Vitreous china pedestal for wash basin	each	1000.00
1397	Pig lead	kg	210.00
1464	S & S.C.I. standard specials upto 300 mm dia (heavy class)	quintal	4000.00
1466	S & S.C.I. standard specials over 300 mm dia (heavy class)	quintal	4000.00
1468	Flanged C.I. standard specials upto 300 mm dia (heavy class)	quintal	5800.00
1470	Flanged C.I. standard specials over 300 mm dia (heavy class)	quintal	5500.00
1472	Casing pipe 100 mm dia	metre	350.00
1532	Flush pipe with union spreaders and clamps all in C.P. brass for single stall	each	325.00
1533	Flush pipe with union spreaders and clamps all in C.P. brass for double stall	each	450.00
1534	Flush pipe with union spreaders and clamps all in C.P. brass for range of three stall	each	550.00
1535	Flush pipe with union spreaders and clamps all in C.P. brass for range of four stall	each	630.00
1540	Flush pipe and spreaders G.I. for single set of one squatting plate urinal	each	200.00
1541	Flush pipe and spreaders G.I. for range of two squatting plates urinal	each	300.00
1542	Flush pipe and spreaders G.I. for range of three squatting plates urinal	each	330.00
1543	Flush pipe and spreaders G.I. for range of four squatting plates urinal	each	470.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
1545	G.I. pipes 15 mm dia	metre	107.00
1546	G.I. pipes 20 mm dia	metre	139.00
1547	G.I. pipes 25 mm dia	metre	197.00
1548	G.I. pipes 32 mm dia	metre	247.00
1549	G.I. pipes 40 mm dia	metre	290.00
1550	G.I. pipes 50 mm dia	metre	390.00
1551	G.I. pipes 65 mm dia	metre	450.00
1552	G.I. pipes 80 mm dia	metre	550.00
1555	G.I. back (jam) nuts 25 mm dia	each	20.00
1559	G.I. back (jam) nuts 65 mm dia	each	28.00
1608	G.I. tees (equal) 25 mm	each	70.00
1612	G.I. tees (equal) 65 mm	each	480.00
1614	G.I. inlet connection	each	70.00
1616	S.C.I. soil, waste and vent single socketed pipe 1.80 metres long: 75 mm dia	each	1100.00
1617	S.C.I. soil, waste and vent single socketed pipe 1.80 metres long:100 mm dia	each	1200.00
1618	S.C.I. soil, waste and vent single socketed pipe 1.80 metres long:150 mm dia	each	1800.00
1620	S.C.I. plain bend 75 mm dia	each	240.00
1621	S.C.I. plain bend 100 mm dia	each	300.00
1622	S.C.I. plain bend 150 mm dia	each	500.00
1624	S.C.I. bend with access door 75 mm dia	each	310.00
1625	S.C.I. bend with access door 100 mm dia	each	370.00
1627	S.C.I. plain single equal junctions 75x75x75 mm dia	each	330.00
1628	S.C.I. plain single equal junctions 100x100x100 mm dia	each	410.00
1630	S.C.I. single equal junctions 75x75x75 mm dia with access door	each	400.00
1631	S.C.I. single equal junctions 100x100x100 mm dia with access door	each	460.00
1633	S.C.I. plain double equal junctions 75x75x75x75 mm dia	each	415.00
1634	S.C.I. plain double equal junctions 100x100x100x100 mm dia	each	630.00
1636	S.C.I. double equal junctions 75x75x75x75 mm dia with access door	each	550.00
1637	S.C.I. double equal junctions 100x100x100x100 mm dia with access door	each	750.00
1639	Slotted cowl (terminal guard) 75 mm dia	each	215.00
1640	Slotted cowl (terminal guard) 100 mm dia	each	280.00
1641	G.I. Union 15 mm nominal bore	each	40.00
1642	G.I. Union 20 mm nominal bore	each	60.00
1643	G.I. Union 25 mm nominal bore	each	125.00
1644	G.I. Union 32 mm nominal bore	each	160.00
1645	G.I. Union 40 mm nominal bore	each	260.00
1646	G.I. Union 50 mm nominal bore	each	330.00
1647	G.I. Union 65 mm nominal bore	each	550.00
1648	G.I. Union 80 mm nominal bore	each	600.00
1649	Polyethylene water storage tank with cover and suitable locking arrangement	per litre	6.50
1653	Sand cast iron S&S plain single unequal junctions: 100x100x75 mm dia	each	540.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
1656	Sand cast iron S&S single unequal junctions: 100x100x75 mm dia with access door	each	590.00
1659	Sand cast iron S&S plain double unequal junctions: 100x100x75x75 mm dia	each	640.00
1662	Sand cast iron S&S double unequal junctions: 100x100x75x75 mm dia with access door	each	760.00
1666	Sand cast iron heel rest bend 75 mm dia	each	320.00
1667	Sand cast iron heel rest bend 100 mm dia	each	380.00
1669	S.C.I. single equal invert branch of required degree 75x75x75 mm dia	each	380.00
1670	S.C.I. single equal invert branch of required degree 100x100x100 mm dia	each	460.00
1672	S.C.I. double equal invert branch of required degree 75x75x75x75 mm dia	each	440.00
1673	S.C.I. double equal invert branch of required degree 100x100x100x100 mm dia	each	590.00
1674	S.C.I. single unequal invert branch of required degree 100x100x75 mm dia	each	535.00
1677	S.C.I. double unequal invert branch of required degree 100x100x75x75 mm dia	each	680.00
1682	S.C.I. door pieces 75 mm dia	each	310.00
1683	S.C.I. door pieces 100 mm dia	each	500.00
1685	S.C.I. collar 75 mm dia	each	190.00
1686	S.C.I. collar 100 mm dia	each	295.00
1687	Unplasticised P.V.C. connection pipe with brass union 30 cm long 15 mm bore	each	32.00
1688	Unplasticised P.V.C. connection pipe with brass union 30 cm long 20 mm bore	each	38.00
1689	Unplasticised P.V.C. connection pipe with brass union 45 cm long 15 mm bore	each	38.00
1690	Unplasticised P.V.C. connection pipe with brass union 45 cm long 20 mm bore	each	53.00
1693	S.C.I. hand pump	each	725.00
1700	R.C.C. pipes NP2 class 100 mm dia	metre	220.00
1701	R.C.C. pipes NP2 class 150 mm dia	metre	230.00
1702	R.C.C. pipes NP2 class 250 mm dia	metre	375.00
1703	R.C.C. pipes NP2 class 300 mm dia	metre	465.00
1704	R.C.C. pipes NP2 class 450 mm dia	metre	810.00
1705	R.C.C. pipes NP2 class 500 mm dia	metre	995.00
1706	R.C.C. pipes NP2 class 600 mm dia	metre	1175.00
1707	R.C.C. pipes NP2 class 700 mm dia	metre	1605.00
1709	R.C.C. pipes NP2 class 800 mm dia	metre	1950.00
1710	R.C.C. pipes NP2 class 900 mm dia	metre	2728.00
1711	R.C.C. pipes NP2 class 1000 mm dia	metre	3158.00
1712	R.C.C. pipes NP2 class 1100 mm dia	metre	3478.00
1713	R.C.C. pipes NP2 class 1200 mm dia	metre	3825.00
1714	R.C.C. collars NP2 class 100 mm dia	each	38.00
1715	R.C.C. collars NP2 class 150 mm dia	each	40.00
1716	R.C.C. collars NP2 class 250 mm dia	each	60.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
1717	R.C.C. collars NP2 class 300 mm dia	each	60.00
1718	R.C.C. collars NP2 class 450 mm dia	each	120.00
1719	R.C.C. collars NP2 class 500 mm dia	each	130.00
1720	R.C.C. collars NP2 class 600 mm dia	each	155.00
1721	R.C.C. collars NP2 class 700 mm dia	each	175.00
1723	R.C.C. collars NP2 class 800 mm dia	each	235.00
1724	R.C.C. collars NP2 class 900 mm dia	each	260.00
1725	R.C.C. collars NP2 class 1000 mm dia	each	310.00
1726	R.C.C. collars NP2 class 1100 mm dia	each	325.00
1727	R.C.C. collars NP2 class 1200 mm dia	each	395.00
1728	RCC pipe 450 mm dia NP-3 spigot	metre	1605.00
1729	RCC pipe 600 mm dia NP-3 spigot	metre	2140.00
1730	RCC pipe 900 mm dia NP-3 spigot	metre	3395.00
1731	RCC pipe 1000 mm dia NP-3 spigot	metre	4185.00
1732	RCC pipe 1200 mm dia NP-3 spigot	metre	5564.00
1733	RCC pipe 1800 mm dia NP-3 spigot	metre	10110.00
1734	RCC pipe 450 mm dia NP-4 spigot	metre	1870.00
1735	RCC pipe 600 mm dia NP-4 spigot	metre	2515.00
1736	RCC pipe 900 mm dia NP-4 spigot	metre	4815.00
1737	RCC pipe 1000 mm dia NP-4 spigot	metre	5960.00
1738	RCC pipe 1200 mm dia NP-4 spigot	metre	6965.00
1739	RCC pipe 1800 mm dia NP-4 spigot	metre	14605.00
1854	Stoneware pipes grade A (60 cm long) 100 mm dia	each	77.00
1855	Stoneware pipes grade A (60 cm long) 150 mm dia	each	138.00
1856	Stoneware pipes grade A (60 cm long) 200 mm dia	each	220.00
1857	Stoneware pipes grade A (60 cm long) 230 mm dia	each	330.00
1858	Stoneware pipes grade A (60 cm long) 250 mm dia	each	385.00
1859	Stoneware pipes grade A (60 cm long) 300 mm dia	each	578.00
1863	Fire clay kitchen sink: 600x450x250 mm	each	1430.00
1871	White vitreous china laboratory sink 450x300x150 mm	each	1650.00
1872	White vitreous china laboratory sink 600x450x200 mm	each	2750.00
1875	White plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	451.00
1876	Black plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	358.00
1878	Shower rose C.P. brass for 15 to 20 mm inlet 100 mm dia	each	121.00
1879	Shower rose C.P. brass for 15 to 20 mm inlet 150 mm dia	each	138.00
1880	Dismanteled P or S trap scrap (approx wt 2kg)	kg	28.00
1881	Spun yarn	kg	61.00
1882	Strainer brass 40 mm dia 1.5 metre long	each	688.00
1885	15 mm C.P. brass tap	each	297.00
1889	C.P. brass toilet paper holder of standard size	each	308.00
1890	Centrifugally SCI(spun) S & S P or S trap	each	358.00
1891	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P. brass: 50 mm dia	each	209.00
1893	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P. brass: 80 mm dia	each	248.00
1895	C.P. brass trap 40 mm dia	each	347.00
1896	100 mm S.C.I. trap with vent heel	each	358.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
1897	100 mm S.C.I. trap with 100 mm inlet and 100 mm outlet	each	330.00
1898	100 mm S.C.I. trap with 100 mm inlet and 75 mm outlet	each	242.00
1900	S.W. gully trap P type 100x100 mm	each	127.00
1902	S.W. gully trap P type 150x100 mm	each	171.00
1904	S.W. gully trap P type 180x150 mm	each	253.00
1913	Vitreous china lipped front urinal	each	517.00
1915	Vitreous china squatting plate urinal	each	1158.00
1922	H.P. or L.P. ball valve with polythene floats: 15 mm dia	each	237.00
1923	H.P. or L.P. ball valve with polythene floats: 20 mm dia	each	264.00
1924	H.P. or L.P. ball valve with polythene floats: 25 mm dia	each	253.00
1926	20 mm dia Gunmetal gate valve with wheel	each	358.00
1927	Brass full way valve with C.I. wheel (screwed end) 25 mm dia	each	413.00
1928	Brass full way valve with C.I. wheel (screwed end) 32 mm dia	each	457.00
1929	Brass full way valve with C.I. wheel (screwed end) 40 mm dia	each	550.00
1930	Brass full way valve with C.I. wheel (screwed end) 50 mm dia	each	688.00
1931	Brass full way valve with C.I. wheel (screwed end) 65 mm dia	each	1188.00
1932	Brass full way valve with C.I. wheel (screwed end) 80 mm dia	each	1788.00
1933	Gunmetal non-return valve-horizontal (screwed end) 25 mm dia	each	385.00
1934	Gunmetal non-return valve-horizontal (screwed end) 32 mm dia	each	523.00
1935	Gunmetal non-return valve-horizontal (screwed end) 40 mm dia	each	633.00
1936	Gunmetal non-return valve-horizontal (screwed end) 50 mm dia	each	924.00
1937	Gunmetal non-return valve-horizontal (screwed end) 65 mm dia	each	1678.00
1938	Gunmetal non-return valve-horizontal (screwed end) 80 mm dia	each	2530.00
1940	C.I. sluice valve (with caps) class I: 100 mm dia	each	2695.00
1941	C.I. sluice valve (with caps) class I : 125 mm dia	each	2871.00
1942	C.I. sluice valve (with caps) class I: 150 mm dia	each	4015.00
1943	C.I. sluice valve (with caps) class I : 200 mm dia	each	8360.00
1944	C.I. sluice valve (with caps) class I : 250 mm dia	each	12078.00
1945	C.I. sluice valve (with caps) class I: 300 mm dia	each	17050.00
1947	Vitreous china flat back wash basin 630x450 mm	each	798.00
1949	Vitreous china angle back wash basin 600x480 mm	each	798.00
1950	Vitreous china angle back wash basin 400x400 mm	each	468.00
1951	C.P. brass waste 32 mm	each	94.00
1952	C.P. brass waste 40 mm	each	110.00
1953	Vitreous china Indian type W.C. pan of size 580 mm	each	500.00
1954	Vitreous china orrisa type W.C. pan of size 580 mm	each	1350.00
1955	Vitreous china pedestal type water closet	each	1080.00
1956	Bolts and nuts 16 mm dia 60 mm long	each	12.00
1957	Bolts and nuts 16 mm dia 65 mm long	each	14.00
1958	Bolts and nuts 20 mm dia 65 mm long	each	15.00
1959	Bolts and nuts 20 mm dia 70 mm long	each	18.00
1960	Bolts and nuts 20 mm dia 75 mm long	each	18.00
1961	Bolts and nuts 20 mm dia 80 mm long	each	18.00
1962	Bolts and nuts 24 mm dia 85 mm long	each	30.00
1963	Bolts and nuts 24 mm dia 90 mm long	each	33.00
1964	Bolts and nuts 27 mm dia 100 mm long	each	40.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
1965	White vitreous china dual purpose closet (Anglo Indian W.C.) suitable for use as squatting pan or European type water closet as per manufacturer's specifications	each	2650.00
1966	Floor mounted white vitreous china double trap syphonic WC with 10 litre cistern and all fittings & fixtures, seat cover etc	each	10250.00
1970	Vitreous china foot rests 250x125x25 mm	pair	108.00
1980	Fly ash	cum	12.00
1984	Common burnt clay F.P.S. bricks tile class designation 10	1000 Nos	4750.00
1986	Common burnt clay modular bricks class designation 12.5	1000 Nos	5450.00
2200	Carriage of Steam coal	tonne	0.00
2201	Carriage of Bricks	1000 Nos	0.00
2202	Carriage of Stone aggregate below 40 mm nominal size	cum	0.00
2203	Carriage of Coarse sand	cum	0.00
2204	Carriage of Timber	cum	0.00
2205	Carriage of Steel	tonne	0.00
2206	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.00
2207	Carriage of Brick tiles	1000 Nos	0.00
2208	Carriage of Lime	cum	0.00
2209	Carriage of Cement	tonne	0.00
2211	Carriage of Tar / Bitumen	tonne	0.00
2215	Carriage of Soling stone & masonry stone	cum	0.00
2216	Carriage of Stone blocks white & red sand stone & kota stone slab	tonne	0.00
2224	Carriage of S.W. pipes 100 mm dia	100 metre	0.00
2225	Carriage of S.W. pipes 150 mm dia	100 metre	0.00
2226	Carriage of S.W. pipes 200 mm dia	100 metre	0.00
2228	Carriage of S.W. pipes 250 mm dia	100 metre	0.00
2229	Carriage of S.W. pipes 300 mm dia	100 metre	0.00
2241	Carriage of Good earth	cum	231.93
2242	Carriage of Dump manure by mechanical transport upto 5 km lead	cum	201.68
2260	Carriage of Brick aggregate	cum	0.00
2261	Carriage of Fine sand (1 part of badarpur sand: 2 parts jamuna sand)	cum	0.00
2262	Carriage of Flyash	cum	185.55
2264	Carriage of Rubbish	cum	185.55
2265	Carriage of Moorum	cum	0.00
2266	Carriage of Surkhi	cum	0.00
2267	Carriage of Stone dust	cum	0.00
2268	Carriage of Marble dust and/or marble chips	cum	0.00
2271	Carriage of G.I. pipes below 100 mm dia	tonne	0.00
2272	Carriage of Stainless Steel pipes below 100 mm dia	tonne	0.00
2273	Carriage of A.C. sheet and accessories	tonne	0.00
2275	Carriage of R.C.C. pipes 100 mm dia	100 metre	0.00
2281	Carriage of R.C.C. pipes 150 mm dia	100 metre	0.00
2287	Carriage of R.C.C. pipes 250 mm dia	100 metre	0.00
2290	Carriage of R.C.C. pipes 300 mm dia	100 metre	0.00
2299	Carriage of R.C.C. pipes 450 & 500 mm dia	100 metre	0.00
2302	Carriage of G.I. sheet and accessories	tonne	0.00
2303	Carriage of R.C.C. pipes 600,700,750 & 800 mm dia	100 metre	0.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
2308	Carriage of Plaster of paris	tonne	0.00
2309	Carriage of Cast Iron fittings	tonne	0.00
2311	Carriage of Red bajri	cum	0.00
2314	Carriage of Barbed wire	tonne	0.00
2317	Carriage of Sludge	cum	201.68
2319	Carriage of Spun iron S & S pipes 100 mm dia	100 metre	0.00
2320	Carriage of Spun iron S & S pipes 125 mm dia	100 metre	0.00
2321	Carriage of Spun iron S & S pipes 150 mm dia	100 metre	0.00
2322	Carriage of Spun iron S & S pipes 200 mm dia	100 metre	0.00
2323	Carriage of Spun iron S & S pipes 250 mm dia	100 metre	0.00
2324	Carriage of Spun iron S & S pipes 300 mm dia	100 metre	0.00
2325	Carriage of Spun iron S & S pipes 350 mm dia	100 metre	0.00
2326	Carriage of Spun iron S & S pipes 400 mm dia	100 metre	0.00
2327	Carriage of Spun iron S & S pipes 450 mm dia	100 metre	0.00
2328	Carriage of Spun iron S & S pipes 500 mm dia	100 metre	0.00
2329	Carriage of Spun iron S & S pipes 600 mm dia	100 metre	0.00
2330	Carriage of C.I. pipes 500 mm dia	100 metre	0.00
2331	Carriage of R.C.C. pipes 900 mm dia	100 metre	0.00
2332	Carriage of R.C.C. pipes 1000 mm dia	100 metre	0.00
2333	Carriage of R.C.C. pipes 1100 mm dia	100 metre	0.00
2334	Carriage of R.C.C. pipes 1200 mm dia	100 metre	0.00
2335	Carriage of sand	cum	0.00
2336	Carriage of R.C.C. pipe above 1200 mm dia and upto 1800 mm dia	100 metre	0.00
2341	Carriage of Pig lead	tonne	0.00
2342	Carriage of Solvent / Diesel.	quintal	0.00
2343	Carriage of Cast Iron pipes 100 mm dia	100 metre	0.00
2344	Carriage of Cast iron pipes 150 mm dia	100 metre	0.00
2345	Carriage of Cast iron pipes 200 mm dia	100 metre	0.00
2346	Carriage of Cast iron pipes 250 mm dia	100 metre	0.00
2347	Carriage of Cast iron pipes 300 mm dia	100 metre	0.00
2348	Carriage of Cast iron pipes 350 mm dia	100 metre	0.00
2349	Carriage of Cast iron pipes 400 mm dia	100 metre	0.00
2350	Carriage of Cast iron pipes 450 mm dia	100 metre	0.00
2351	Carriage of Cast iron pipes 500 mm dia	100 metre	0.00
2352	Carriage of Cast iron pipes 600 mm dia	100 metre	0.00
2353	Carriage of Cast iron pipes 700 mm dia	100 metre	0.00
2354	Carriage of Cast iron pipes 750 mm dia	100 metre	0.00
2355	Carriage of Cast iron pipes 800 mm dia	100 metre	0.00
2356	Carriage of Cast iron pipes 900 mm dia	100 metre	0.00
2357	Carriage of Cast iron pipes 1000 mm dia	100 metre	0.00
2358	Carriage of Bamboo Mat corrugated sheets and accessories	tonne	17700.00
2391	Strips-Aluminium fluted 3.15 mm thick and 150 mm wide	metre	286.00
2392	Strips Aluminium fluted 3.15 mm thick and 200 mm wide	metre	381.00
2393	1 mm thick Stainless Steel Cover plate grade 304	kg	306.00
2394	Coupler 16 mm dia	each	32.00
2395	Coupler 20 mm dia	each	42.00
2396	Coupler 25 mm dia	each	74.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
2397	Coupler 28 mm dia	each	85.00
2398	Coupler 32 mm dia	each	115.00
2399	Complete Roof Joint of 100 mm	metre	2999.00
2400	Complete Roof Joint of 150 mm	metre	3461.00
2401	Complete Roof Joint of 200 mm	metre	4284.00
2402	Epoxy adhesive	kg	160.00
2403	Floor Joint of 100 mm	metre	3285.00
2404	Floor Joint of 150 mm	metre	4243.00
2405	Floor Joint of 200 mm	metre	5673.00
2406	Float glass panes of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	321.00
2407	Float glass panes of nominal thickness 5 mm (weight not less than 12.50 kg/sqm)	sqm	529.00
2408	Float glass panes of nominal thickness 8 mm (weight not less than 20.00 kg/sqm)	sqm	641.00
2409	Wall Joint of 100 mm	metre	2521.00
2410	Wall Joint of 150 mm	metre	2956.00
2411	Wall Joint of 200 mm	metre	3554.00
2412	Ply wood 5 ply with commercial ply on both faces 6 mm thick	sqm	321.00
2413	12 mm commercial ply	sqm	527.00
2414	18 mm thick block board with commercial ply veneering on both side	sqm	792.00
2415	21 mm thick clear toughened Laminated glass for fins with holes	sqm	6242.00
2447	Hollock ballies 125 mm diameter	metre	37.00
2449	Oxidised mild steel pull bolt lock (locking bolt) of size 85 mm x 42 mm with screws, bolts, nuts and washers complete	each	64.00
2451	Brass cupboard lock 6 levers of approved quality, 40 mm size	each	58.00
2452	Brass cupboard lock 6 levers of approved quality, 50 mm size	each	90.00
2453	Brass cupboard lock 6 levers of approved quality, 65 mm size	each	94.00
2454	Brass cupboard lock 6 levers of approved quality, 75 mm size	each	111.00
2455	Brass hanging type door stopper 150 mm	each	80.00
2456	Hydraulic door closer bottle type M.S. body with necessary accessories and screws complete	each	699.00
2459	Anodised Aluminium hanging type door stopper	each	21.00
2464	Anodised Aluminium pull bolt lock (locking bolt) of size 85 mm x 42 mm with screws, bolts, nuts and washers complete	each	49.00
2465	Anodised Aluminium Casement stay 250 mm	each	34.00
2466	Hollock wood in scantling	10 cudm	366.00
2467	Chromium plated Brass pull bolt lock (locking bolt) of size 85 mm x 42 mm with screws, bolts, nuts and washers complete	each	174.00
2468	Nickled Chromium Brass cupboard lock 40 mm size	each	64.00
2469	Nickled Chromium Brass cupboard lock 50 mm size	each	74.00
2470	Nickled Chromium Brass cupboard lock 65 mm size	each	101.00
2471	Nickled Chromium Brass cupboard lock 75 mm size	each	127.00
2480	Ply wood 5 ply with teak ply on both faces 9 mm thick	sqm	923.00
2481	Ply wood 5 ply with teak ply on one face and commercial ply on another face 9 mm thick	sqm	908.00
2483	Ply wood 7 ply with teak ply on one face and commercial ply on another face 9 mm thick	sqm	1029.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
2484	Pre-laminated with decorative lamination on both side exterior Grade-I MDF Board 12 mm thick conforming to IS:14587	sqm	478.00
2485	Pre-laminated with decorative lamination on both side exterior Grade-I MDF Board 18 mm thick conforming to IS:14587	sqm	621.00
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade-I MDF Board 25 mm thick conforming to IS: 14587	sqm	903.00
2487	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade-I MDF Board 12 mm thick conforming to IS:14587	sqm	456.00
2488	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade-I MDF Board 18 mm thick conforming to IS:14587	sqm	599.00
2489	PVC edge bending tape 2.00 mm thick	metre	22.00
2491	Pre laminated both side solid foam uPVC profile (45x20 mm)	metre	136.00
2492	Solid foam uPVC sheet 20 mm thick pre laminated on both side	sqm	2187.00
2493	PVC edge beading	metre	33.00
2494	Expandable fastner with plastic sleeve	each	7.00
2495	18 mm thick both sides Pre-laminated cement bonded wood particle board as per IS : 15786:2008	sqm	668.00
2496	6 mm thick both sides Pre-laminated cement bonded wood particle board as per IS : 15786:2008	sqm	464.00
2497	19 mm thick prelaminated ply	sqm	1530.00
2498	19 mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710	sqm	1492.00
2500	Extra for selected planks of second class deodar wood	10 cudm	115.00
2504	Kiln seasoning of timber	cum	794.00
2505	Hollock wood in planks	10 cudm	409.00
2506	Carben Steel galvanised (min 5 micron) dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 60 mm	10 Nos	278.00
2507	Carben Steel galvanised (min 5 micron) dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 80 mm	10 Nos	324.00
2508	Carben Steel galvanised (min 5 micron) dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 120 mm	10 Nos	403.00
2509	Carben Steel galvanised (min 5 micron) dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 140 mm	10 Nos	482.00
2510	Carben Steel galvanised (min 5 micron) dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleeve. Size 10 mm x 160 mm	10 Nos	624.00
2602	Common burnt clay F.P.S. (non modular) bricks class designation 7.5	1000 Nos	4724.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
2603	Common burnt clay F.P.S. (non modular) bricks class designation 5.0	1000 Nos	4316.00
2604	Weather/structural non sag elastomeric PU sealant (600ml Sausage) for joints in RCC/ Brick/ Stone/ wood/ Ceramic/ Gypsum/ Alluminium work complying to ASTM C920, DIN 18540-F & ISO 11600 including all taxes	each	564.00
2605	Structural sealant - 6 mm x 12 mm	metre	32.00
2606	Spacer tape 6.4 mm thick x 6 mm wide	metre	22.00
2607	Weather Sealant - Non Staining (600 ml)	each	338.00
2608	Weather Sealant - Normal (300 ml)	each	104.00
2609	MS Brackets/Aluminium Alloy Brackets	kg	107.00
2610	Silicon Gasket in Kg (Above 50 g / m)	kg	502.00
2611	EPDM Gasket in Kg (Above 60 g / m)	kg	163.00
2612	Anchor Fastner - M10	each	12.00
2613	SS Bolt with washer of different sizes for structural glazing / ACP Cladding	each	39.00
2614	SS Screws of sizes for structural glazing / ACP Cladding	each	5.00
2615	Protective Tape	metre	23.00
2616	GI flashing - 1.2 mm Thick	kg	64.00
2617	6 mm thick High performance glass	sqm	1056.00
2618	6 mm thick clear heat strengthened glass	sqm	679.00
2619	Extra for 6 mm thick clear heat strengthened glass	each	134.00
2620	ARMS GS HD - Top Hung -20"- Type P- Couple	pair	1416.00
2621	Connection Block for vision glass panel	each	37.00
2622	Curtain wall striker for vision glass panel	each	89.00
2623	Adjustable Fastening Rawl for vision glass panel	each	37.00
2624	Corner drive for vision glass panel	each	267.00
2625	Top wedge Block for vision glass panel	each	124.00
2626	Glass wool of denisity @ 48 Kg / cum with black glass tissue (BGT)	sqm	258.00
2627	SS Screws - # 8 x 19	each	8.00
2628	Weather Sealant - DC 789	cartridge	127.00
2629	Cement Board	sqm	251.00
2630	Baker rod	metre	7.00
2631	4 mm thick ACP	sqm	1134.00
2632	Fire Stop	metre	487.00
2634	GI/Aluminium Sheet (0.8 mm thick)	kg	56.00
2635	GI Screws of gauge 10, length 25 mm for fixing cement fibre board to C section	each	3.30
2636	GI Screws of gauge 10, length 45 mm for fixing cement fibre board to C section	each	3.25
2637	Vapour barrier	sqm	184.00
2640	Glass panes of required thickness having 120 minutes of fire resistance both integrity and radiation control (EI 120) and minimum 20 minutes of insulation (EI 20)	sqm	26200.00
2641	G.I U beading of 1.6 mm thick G.I sheet with ceramic tape.	metre	256.00
2642	Ceramic tape 5 x20 mm size	metre	409.00
2704	Aluminium Strip 40 mm wide and 2 mm thick	kg	243.00
2708	Truf Paver (500 x 500 x 40 mm)	sqm	514.00
2709	Ceremic Tiles Pieces for Crazy Flooring	quintal	148.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
2710	White marble makrana second quality plain veined stone pieces for crazy flooring	quintal	164.00
2711	FS800H Grade Flooring Panel (Size 600 mm x600 mm x32 mm)	each	748.00
2712	Zinc Electroplated Pedestals - 300 mm	each	147.00
2713	Zinc Electroplated Pedestals - 450 mm	each	216.00
2714	Zinc Electroplated Tube Stinger	each	74.00
2715	Machine Screw for Fixing	each	4.00
2750	8 mm thick granite stone tiles (mirror polished of all shades)	sqm	702.00
2751	8 mm thick marble tiles (polished) Raj Nagar	sqm	409.00
2752	Double charge vitrified tile polished finish of size 60 x 60 cm	sqm	476.00
2753	Double charge vitrified tile polished finish of size 80 x 80 cm	sqm	534.00
2754	Double charge vitrified tile polished finish of size 60 x 120 cm	sqm	563.00
2755	Double charge vitrified tile polished finish of size 80 x 160 cm	sqm	764.00
2756	Double charge vitrified tile polished finish of size 100 x 100 cm	sqm	717.00
2757	Glazed vitrified tiles polished finish of size 60 x 60 cm	sqm	512.00
2758	Glazed vitrified tiles polished finish of size 60 x 120 cm	sqm	715.00
2759	Glazed vitrified tiles polished finish of size 80 x 80 cm	sqm	667.00
2760	Glazed vitrified tiles polished finish of size 80 x 120 cm	sqm	892.00
2761	Glazed vitrified tiles polished finish of size 120 x 120 cm	sqm	1224.00
2762	Glazed Vitrified tiles Matt/Antiskid finish of size 60 x 60 cm	sqm	486.00
2763	Glazed Vitrified tiles Matt/Antiskid finish of size 60 x 120 cm	sqm	714.00
2764	Glazed Vitrified tiles Matt/Antiskid finish of size 80 x 80 cm	sqm	664.00
2765	Glazed Vitrified tiles Matt/Antiskid finish of size 80 x 120 cm	sqm	892.00
2766	Glazed Vitrified tiles Matt/Antiskid finish of size 120 x 120 cm	sqm	1428.00
2767	Full body Vitrified tile of size 800x 2400 mm	sqm	2100.00
2901	Stone Aggregate (Single size): 100 mm nominal size	cum	1600.00
2902	Stone Aggregate (Single size): 80 mm nominal size	cum	1600.00
2903	Stone chippings/ screenings 4.75 mm nominal size	cum	1600.00
2904	Stone chippings/ screenings 150 micron nominal size	cum	1600.00
2908	Over burnt (Jhama) Brick Aggregate: 120 mm to 40 mm size	cum	561.00
2909	Over burnt (Jhama) Brick Aggregate: 90 mm to 40 mm size	cum	613.00
2910	Stone chippings/ screenings 12.5/ 13.2 mm nominal size	cum	1400.00
2911	Stone chippings/ screenings 10/ 11.2 mm nominal size	cum	1400.00
2914	Solvent	kg	32.00
2916	Paving Asphalt VG 10 of approved quality	tonne	33530.00
3002	Polyvinyl chloride sheet 400 micron thick	sqm	47.00
3004	Stone ware spouts 100 mm dia 60 cm long	each	46.00
3050	Galvanised steel corrugated sheets	quintal	6105.00
3051	Aluminium troughed profile sheet 0.56 mm thick with center to center pitch of 200 mm, depth of 32 mm, overall profile width1092 mm, cover width 1000 mm)	sqm	564.00
3052	Aluminium troughed profile sheet 0.71 mm thick with center to center pitch of 200 mm, depth of 32 mm, overall profile width1092 mm, cover width 1000 mm	sqm	702.00
3053	Aluminium troughed profile sheet 0.91 mm thick with center to center pitch of 200 mm, depth of 32 mm, overall profile width1092 mm, cover width 1000 mm	sqm	904.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
3054	Aluminium profile sheet 0.56 mm thick with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm	sqm	744.00
3055	Aluminium profile sheet 0.71 mm thick with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm	sqm	936.00
3056	Aluminium profile sheet 0.91 mm thick with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm	sqm	1196.00
3057	Aluminium Circular(sinusoidal) profile sheet 0.56 mm thick with center to center pitch of 75 mm, depth of 19 mm, overall profile width 1250 mm,cover width 1150 mm	sqm	534.00
3058	Aluminium Circular(sinusoidal) profile sheet 0.71 mm thick with center to center pitch of 75 mm, depth of 19 mm, overall profile width 1250 mm,cover width 1150 mm	sqm	684.00
3059	Aluminium Circular(sinusoidal) profile sheet 0.91 mm thick with center to center pitch of 75 mm, depth of 19 mm, overall profile width 1250 mm,cover width 1150 mm	sqm	892.00
3060	Precoated Aluminium troughed profile sheet 0.56 mm thcik with center to center pitch of 200 mm, depth of 32 mm, overall profile width1092 mm, cover width 1000 mm	sqm	654.00
3061	Precoated Aluminium troughed profile sheet 0.71 mm thick with center to center pitch of 200 mm, depth of 32 mm, overall profile width1092 mm, cover width 1000 mm	sqm	814.00
3062	Precoated Aluminium troughed profile sheet 0.91 mm thick with center to center pitch of 200 mm, depth of 32 mm, overall profile width1092 mm, cover width 1000 mm	sqm	1046.00
3063	Aluminium color coated profile sheet 0.56 mm thick with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm	sqm	852.00
3064	Aluminium color coated profile sheet 0.71 mm thick with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm	sqm	1094.00
3065	Aluminium color coated profile sheet 0.91 mm thick ith center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm	sqm	1392.00
3066	Aluminium profile sheet 0.56 mm thick with center to center pitch of 177.5 mm, depth of 28.5 mm, 987 mm overall profile width, cover width 900 mm	sqm	686.00
3067	Aluminium profile sheet 0.71 mm thick with center to center pitch of 177.5 mm, depth of 28.5 mm, 987 mm overall profile width, cover width 900 mm	sqm	884.00
3068	Precoated/Mill finish Aluminium plain ridges 0.71 mm TCT/plain and 500- 600 mm wide	metre	576.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
3069	Precoated/Mill finish Aluminium flashings/aprons 0.50 mm TCT/plain and wide upto 600 mm	metre	561.00
3070	Precoated/Mill finish Aluminium plain north light cuves	metre	592.00
3071	Precoated/mill finish aluminium Barge board (Upto 200 mm)	metre	493.00
3072	Precoated/Mill finish Aluminium crimp curve	sqm	554.00
3073	Precoated/Mill finish Aluminium gutter	metre	736.00
3074	Stainless steel self tapping screw of 6x50 mm with SS hex cap and 3 mm thick EPDM seal	100 Nos	511.00
3075	EPDM washer	100 Nos	41.00
3076	Stainless steel bolts & nuts 10 mm dia and 125 mm long round head with slots	each	41.00
3080	Gunmetal non-return valve - vertical (screwed end) 25 mm dia	each	408.00
3084	Gunmetal non-return valve - vertical (screwed end) 32 mm dia	each	564.00
3088	Gunmetal non-return valve - vertical (screwed end) 40 mm dia	each	761.00
3092	Gunmetal non-return valve - vertical (screwed end) 50 mm dia	each	976.00
3096	Gunmetal non-return valve - vertical (screwed end) 65 mm dia	each	1568.00
3213	Vitreous china Surgeon type wash basin of size 660x460 mm	each	1133.00
3228	600x120 mm glass shelf with anodised aluminium angle frame, C.P. brass brackets and guard rail of standard size	each	306.00
3229	Vitreous china flat back wash basin 550x400 mm	each	554.00
3300	Gunmetal non-return valve - vertical (screwed end) 80 mm dia	each	2664.00
3311	C.I. sluice valve (with caps) class II : 100 mm dia	each	2776.00
3314	C.I. sluice valve (with caps) class II : 125 mm dia	each	3365.00
3317	C.I. sluice valve (with caps) class II : 150 mm dia	each	4193.00
3320	C.I. sluice valve (with caps) class II : 200 mm dia	each	8976.00
3321	C.I. sluice valve (with caps) class II : 250 mm dia	each	15400.00
3326	C.I. sluice valve (with caps) class II : 300 mm dia	each	18976.00
3327	15 mm Battery Based Sensor Pillar Cock	each	6170.00
3617	C.P. Brass union 40 mm dia	each	226.00
3620	C.C.I. (spun) socketed soil, waste and vent pipe 1.80 metres long:100 mm dia	each	1194.00
3621	C.C.I. (spun) socketed soil, waste and vent pipe 1.80 metres long:75 mm dia	each	1225.00
3624	S.C.I. S&S bends with access door 100 mm dia	each	445.00
3625	S.C.I. S&S bends with access door 75 mm dia	each	325.00
3628	S.C.I. S&S bend 100 mm dia	each	370.00
3629	S.C.I. S&S bend 75 mm dia	each	250.00
3634	S.C.I. S&S heel rest sanitary bend 100 mm dia	each	355.00
3635	S.C.I. S&S heel rest sanitary bend 75 mm dia	each	330.00
3640	S.C.I. S&S single equal junctions 100x100x100 mm	each	540.00
3641	S.C.I. S&S single equal junctions 75x75x75 mm	each	370.00
3644	S.C.I. S&S single equal junctions with access door 100x100x 100 mm	each	600.00
3645	S.C.I. S&S single equal junctions with access door 75x75x75 mm	each	425.00
3650	S.C.I. S&S double equal junctions 100x100x100x100 mm	each	725.00
3651	S.C.I. S&S double equal junctions 75x75x75x75 mm	each	540.00
3654	S.C.I. S&S double equal junctions with access door 100x100x100x100 mm	each	725.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
3655	S.C.I. S&S double equal junctions with access door 75x75x75x75 mm	each	580.00
3660	S.C.I. S&S single unequal junctions 100x100x75 mm	each	695.00
3664	S.C.I. S&S single unequal junctions with access door 100x100x75 mm	each	755.00
3670	S.C.I. S&S double unequal junctions 100x100x75x75 mm	each	955.00
3674	S.C.I. S&S double unequal junctions with access door 100x100x75x75 mm	each	1075.00
3681	S.C.I. S&S single equal invert branch of required degree 100x100x100 mm dia	each	495.00
3682	S.C.I. S&S single equal invert branch of required degree 75x75x 75 mm dia	each	380.00
3685	S.C.I. S&S double equal invert branch of required degree 100x100x100x100 mm dia	each	665.00
3686	S.C.I. S&S double equal invert branch of required degree 75x75x75x75 mm dia	each	540.00
3690	S.C.I. S&S single unequal invert branch of required degree 100x100x75 mm dia	each	670.00
3695	S.C.I. S&S double unequal invert branch of required degree 100x100x75x75 mm dia	each	865.00
3699	S.C.I. S&S, 75 mm offset for 75 mm dia pipe	each	270.00
3707	S.C.I. S&S, 150 mm offset for 75 mm dia pipe	each	375.00
3708	S.C.I. S&S, 150 mm offset for 100 mm dia pipe	each	480.00
3712	S.C.I. S&S, 114 mm offset for 75 mm dia pipe	each	340.00
3713	S.C.I. S&S, 114 mm offset for 100 mm dia pipe	each	425.00
3716	S.C.I. S&S, 152 mm offset for 75 mm dia pipe	each	395.00
3717	S.C.I. S&S, 152 mm offset for 100 mm dia pipe	each	500.00
3728	S.C.I. S&S door pieces 100 mm dia	each	430.00
3729	S.C.I. S&S door pieces 75 mm dia	each	335.00
3733	S.C.I. S&S, Slotted Cowl (Terminal Guard) 100 mm	each	325.00
3734	S.C.I. S&S, Slotted Cowl (Terminal Guard) 75 mm	each	260.00
3738	S.C.I. S&S, collars 100 mm	each	330.00
3739	S.C.I. S&S, collars 75 mm	each	230.00
3746	S.C.I. S&S, 75 mm offset for 75 mm dia pipe	each	240.00
3747	S.C.I. S&S, 75 mm offset for 100 mm dia pipe	each	400.00
3749	Vitreous china toilet paper holder of standard size	each	120.00
3860	560 mm dia cover with frame (Heavy duty)	each	9300.00
3861	560 mm dia cover without frame (Heavy duty)	each	5200.00
3862	SS pipe 316L grade as per IS 6911:2017 with press fit technology and conforming to EN-10312 standard 15 mm outer dia	metre	345.00
3863	SS pipe 316L grade as per IS 6911:2017 with press fit technology and conforming to EN-10312 standard 22 mm outer dia	metre	560.00
3864	SS pipe 316L grade as per IS 6911:2017 with press fit technology and conforming to EN-10312 standard 28 mm outer dia	metre	725.00
3865	SS pipe 316L grade as per IS 6911:2017 with press fit technology and conforming to EN-10312 standard 35 mm outer dia	metre	1055.00
3866	SS pipe 316L grade as per IS 6911:2017 with press fit technology and conforming to EN-10312 standard 42 mm outer dia	metre	1295.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
3867	SS pipe 316L grade as per IS 6911:2017 with press fit technology and conforming to EN-10312 standard 54 mm outer dia	metre	1680.00
3868	Coupling/Socket fittings for 15 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	240.00
3869	Coupling/Socket fittings for 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	300.00
3870	Coupling/Socket fittings for 28 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	350.00
3871	Coupling/Socket fittings for 35 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	440.00
3872	Coupling/Socket fittings for 42 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	595.00
3873	Coupling/Socket fittings for 54 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	715.00
3874	Reducer for 22 mm X 15 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	285.00
3875	Reducer for 28 mm X 15 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	345.00
3876	Reducer for 28 mm X 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	420.00
3877	Reducer for 35 mm X 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	425.00
3878	Reducer for 35 mm X 28 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	525.00
3879	Reducer for 42 mm X 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	675.00
3880	Reducer for 42 mm X 28 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	770.00
3881	Reducer for 42 mm X 35 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	805.00
3882	Reducer for 54 mm X 28 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	935.00
3883	Reducer for 54 mm X 35 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1105.00
3884	Reducer for 54 mm X 42 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1150.00
3885	Sleeve/Slip Coupling / Socket 15 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	420.00
3886	Sleeve/Slip Coupling / Socket 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	500.00
3887	Sleeve/Slip Coupling / Socket 28 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	580.00
3888	Sleeve/Slip Coupling / Socket 35 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	645.00
3889	Sleeve/Slip Coupling / Socket 42 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	750.00
3890	Sleeve/Slip Coupling / Socket 54 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1065.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
3891	Elbow 90° for 15 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	340.00
3892	Elbow 90° for 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	480.00
3893	Elbow 90° for 28 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	640.00
3894	Elbow 90° for 35 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1050.00
3895	Elbow 90° for 42 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1700.00
3896	Elbow 90° for 54 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2250.00
3897	Equal Tee for 15 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	560.00
3898	Equal Tee for 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	655.00
3899	Equal Tee for 28 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	805.00
3900	Equal Tee for 35 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1000.00
3901	Equal Tee for 42 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1400.00
3902	Equal Tee for 54 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1680.00
3903	Reducing Tee for 22 mm X 15 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	640.00
3904	Reducing Tee for 28 mm X 15 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	795.00
3905	Reducing Tee for 28 mm X 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	800.00
3906	Reducing Tee for 35 mm X 15 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1005.00
3907	Reducing Tee for 35 mm X 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1010.00
3908	Reducing Tee for 35 mm X 28 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1020.00
3909	Reducing Tee for 42 mm X 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1415.00
3910	Reducing Tee for 42 mm X 28 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1430.00
3911	Reducing Tee for 42 mm X 35 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1440.00
3912	Reducing Tee for 54 mm X 22 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1680.00
3913	Reducing Tee for 54 mm X 28 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1720.00
3914	Reducing Tee for 54 mm X 35 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1735.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
3915	Reducing Tee for 54 mm X 42 mm outer dia SS pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1755.00
3916	Stainless steel Female thread Tee for 15 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	625.00
3917	Stainless steel Female thread Tee for 22 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	680.00
3918	Stainless steel Female thread Tee for 22 mm outer dia X 3/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	770.00
3919	Stainless steel Female thread Tee for 28 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	815.00
3920	Stainless steel Female thread Tee for 28 mm outer dia X 3/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	845.00
3921	Stainless steel Female thread Tee for 28 mm outer dia X 1" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	935.00
3922	Stainless steel Female thread Tee for 35 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	940.00
3923	Stainless steel Female thread Tee for 35 mm outer dia X 1-1/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1295.00
3924	Stainless steel Female thread Tee for 42 mm outer dia X 1-1/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1505.00
3925	Stainless steel Female thread Tee for 54 mm outer dia X 1-1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2150.00
3926	Stainless steel Female thread Tee for 54 mm outer dia X 2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2580.00
3927	Stainless steel Female threaded Connector/Adapter for 15 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	490.00
3928	Stainless steel Female threaded Connector/Adapter for 22 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	550.00
3929	Stainless steel Female threaded Connector/Adapter for 22 mm outer dia X 3/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	645.00
3930	Stainless steel Female threaded Connector/Adapter for 28 mm outer dia X 1" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1065.00
3931	Stainless steel Female threaded Connector/Adapter for 35 mm outer dia X 1-1/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1140.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
3932	Stainless steel Female threaded Connector/Adapter for 42 mm outer dia X 1-1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1750.00
3933	Stainless steel Female threaded Connector/Adapter for 54 mm outer dia X 2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2685.00
3934	Stainless steel Male threaded Connector/ Adapter for 15 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	450.00
3935	Stainless steel Male threaded Connector/ Adapter for 22 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	535.00
3936	Stainless steel Male threaded Connector/ Adapter for 22 mm outer dia X 3/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	565.00
3937	Stainless steel Male threaded Connector/ Adapter for 28 mm outer dia X 1" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	740.00
3938	Stainless steel Male threaded Connector/ Adapter for 35 mm outer dia X 1-1/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1085.00
3939	Stainless steel Male threaded Connector/ Adapter for 42 mm outer dia X 1-1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1580.00
3940	Stainless steel Male threaded Connector/ Adapter for 54 mm outer dia X 2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2120.00
3941	Female Threaded Elbow 90°		
3941	SS Female Threaded Elbow 90° for 15 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	715.00
3942	SS Female Threaded Elbow 90° for 22 mm outer dia X 3/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	960.00
3943	SS Female Threaded Elbow 90° for 28 mm outer dia X 1" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1320.00
3944	SS Female Threaded Elbow 90° for 35 mm outer dia X 1-1/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2145.00
3945	SS Female Threaded Elbow 90° for 42 mm outer dia X 1-1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2335.00
3946	SS Female Threaded Elbow 90° for 54 mm outer dia X 2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	3610.00
3947	SS Male Threaded Elbow 90° for 15 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	585.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
3948	SS Male Threaded Elbow 90° for 22 mm outer dia X 3/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	880.00
3949	SS Male Threaded Elbow 90° for 28 mm outer dia X 1" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1170.00
3950	SS Male Threaded Elbow 90° for 35 mm outer dia X 1-1/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1610.00
3951	SS Male Threaded Elbow 90° for 42 mm outer dia X 1-1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2950.00
3952	SS Male Threaded Elbow 90° for 54 mm outer dia X 2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	3355.00
3953	Stainless steel Cap for 15 mm outer dia pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	355.00
3954	Stainless steel Cap for 22 mm outer dia pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	460.00
3955	Stainless steel Cap for 28 mm outer dia pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	575.00
3956	Stainless steel Cap for 35 mm outer dia pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	805.00
3957	Stainless steel Cap for 42 mm outer dia pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1750.00
3958	Stainless steel Cap for 54 mm outer dia pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1925.00
3959	Stainless steel Pipe Bridge for 15 mm outer dia pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	460.00
3960	Stainless steel Pipe Bridge for 22 mm outer dia pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1240.00
3961	Stainless steel Pipe Bridge for 28 mm outer dia pipe of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1705.00
3962	SS Male Union for 15 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	990.00
3963	SS Male Union for 22 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1000.00
3964	SS Male Union for 22 mm outer dia X 3/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1145.00
3965	SS Male Union for 28 mm outer dia X 1" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2020.00
3966	SS Male Union for 35 mm outer dia X 1-1/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2110.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
3967	SS Male Union for 42 mm outer dia X 1-1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	2380.00
3968	SS Male Union for 54 mm outer dia X 2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	4120.00
3969	SS Female Union for 22 mm outer dia X 3/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1060.00
3970	SS Female Union for 28 mm outer dia X 1" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1430.00
3971	SS Female Transition Elbow/ FTE for 15 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	725.00
3972	SS Female Transition Elbow/ FTE for 22 mm outer dia X 1/2" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	970.00
3973	SS Female Transition Elbow/ FTE for 22 mm outer dia X 3/4" nominal dia threaded of grade 316L as per IS 6911:2017 and conforming to EN-10312 standard	each	1005.00
3991	Galvanized iron reinforcement of minimum thickness 1.5 mm for range R1 and R2 for casement frame/ window sash/ mullion and sliding frame/ window sash	metre	75.00
3992	Galvanized iron reinforcement of minimum thickness 1.5 mm for range R3 and R4 for casement frame/ window/Door sash/ mullion and sliding frame	metre	80.00
3993	Galvanized iron reinforcement of minimum thickness 1.5 mm for range R3 and R4 for casement door sash	metre	105.00
3994	Galvanized iron reinforcement of minimum thickness 1.5 mm for range R3 and R4 for sliding window/ door sash	metre	95.00
3995	G.I fasteners 100 x 8 mm	each	20.00
4001	Stainless steel (Grade-304)hollow section round/square tubes	kg	280.00
4002	Stainless steel bolts/square bar and plates	kg	150.00
4006	Pressed steel door frames (mild steel sheet 1.60 mm) Profile "B"	metre	260.00
4007	Pressed steel door frames (mild steel sheet 1.60 mm) Profile "C"	metre	280.00
4008	Pressed steel door frames (mild steel sheet 1.60 mm) Profile "E"	metre	300.00
4009	Mild steel tubes hot finished welded type	kg	72.00
4010	Mild steel tubes hot finished seamless type	kg	80.00
4011	Mild steel tubes electric resistant or induction butt welded	kg	72.00
4012	Circular C.I. Box for ceiling fan internal dia 140 mm, 73 mm height, toplid of 1.5 mm thick MS sheet	each	60.00
4013	Pulley 40 mm dia	each	40.00
4201	Aluminium primer	litre	140.00
4202	Red oxide Zinc chromate primer	litre	140.00
4203	Copper acetate	kg	330.00
4204	Hydrochloric acid	kg	40.00
4205	Copper chloride	kg	330.00
4206	Copper nitrate	kg	225.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
4207	Ammonium chloride	kg	25.00
5001	Mobil oil	litre	350.00
5050	SS pipe 304 grades with press fit technology as per JIS 3448 Standard 48.60 mm outer dia	metre	700.00
5744	EPS blocks	kg	160.00
5745	GI woven mesh of aperture 5.45 mm (with wire of dia 0.90 mm)	kg	65.00
5746	SR adhesive for joining EPS blocks	kg	190.00
5747	Factory made single extruded WPC (Wood Polymer Composite) solid door/window, clerestory windows & other Frames/Chowkhat of frame size 45 x 70 mm	metre	385.00
5748	Factory made single extruded WPC (Wood Polymer Composite) solid door/window, clerestory windows & other Frames/Chowkhat of frame size 45 x 85 mm	metre	540.00
5749	Factory made single extruded WPC (Wood Polymer Composite) solid door/window, clerestory windows & other Frames/Chowkhat of frame size 50 x 100 mm	metre	555.00
5750	Factory made single extruded WPC (Wood Polymer Composite) solid door/window, clerestory windows & other Frames/Chowkhat of frame size 50 x 125 mm	metre	645.00
5751	Factory made single extruded WPC (Wood Polymer Composite) solid door/window, clerestory windows & other Frames/Chowkhat of frame size 65 x 100 mm	metre	670.00
5752	Factory made single extruded WPC (Wood Polymer Composite) solid door/window, clerestory windows & other Frames/Chowkhat of frame size 65 x 125 mm	metre	860.00
5753	Factory made single extruded WPC (Wood Polymer Composite) solid door/window, clerestory windows & other Frames/Chowkhat of frame size 65 x 150 mm	metre	1040.00
5754	Factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter 30 mm thick	sqm	2880.00
5755	Factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter 35 mm thick	sqm	3350.00
5756	Factory made single extruded WPC (Wood Polymer Composite) solid plain white colored board of 18 mm thick	sqm	1800.00
5757	Factory made single extruded WPC (Wood Polymer Composite) solid plain white colored board of 25 mm thick	sqm	2430.00
5758	Factory made single extruded WPC (Wood Polymer Composite) solid plain white colored board of 6 mm thick	sqm	620.00
5759	Factory made single extruded WPC (Wood Polymer Composite) solid plain white colored board of 12 mm thick	sqm	1050.00
5760	Factory made 18 mm thick single extruded WPC (Wood Polymer Composite) solid plain white colour board Jali	sqm	2320.00
5761	PVC laminated foil of minimum thickness of 14 microns of approved design	sqm	130.00
5762	16 mm thick extruded terracotta tiles of grey colour of size 300 x 595 mm	sqm	2265.00
5763	16 mm thick extruded terracotta tiles of other than grey colour of size 300 x 595 mm	sqm	2045.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
5764	24 mm thick extruded terracotta tiles of grey color of size 309x1190 mm and length 1190 mm	sqm	2580.00
5765	24 mm thick extruded terracotta tiles of other than grey color of size 309x1190 mm and length 1190 mm	sqm	2320.00
5766	Melamine wood sealer	litre	200.00
5767	Melamine solvent/thinner	litre	125.00
5768	Sanding cloth 150 mm wide	metre	65.00
5769	Sandpapers of assorted gratings	Nos	25.00
5770	Melamine wood filler putty	kg	120.00
5771	Dhoti (worm out soft cotton cloth)	Nos	25.00
5772	Grease	kg	195.00
5773	Shutttering oil	litre	95.00
5774	GP-2 cementitious compound	kg	22.00
5775	Galvanised MS L-shape level adjuster of size 76x25x25x1.6 mm	each	15.00
5776	12x50 mm long dash fastener	each	35.00
5777	Galvanized MS Z Cleat of size 25 x 37 x 25 x 1.6 mm with precut hole on both 25 mm flange	each	13.00
5778	15 mm tegular/butt edged without perforation plain/designer light weight calcium silicate Anti-Microbial Bio-Safe coated false ceiling tiles of size 595x595 mm	sqm	885.00
5779	Grinding buffers	day	255.00
5780	4 mm thick sheet of aluminium alloy grade 6061 (type-6) for aluminium formwork	kg	260.00
5781	Fabrication cost for formwork panels and special including computerised designing for fabrication and mock testing before transportation to site of work.	kg	37.00
5782	Packaging and cartage of aluminium sheet/plate to the site of work	tonne	5400.00
5783	MS working platform for aluminium formwork	kg	48.00
5784	Customized Modular Tunnel Formwork Panel made of minimum 3 mm thick hot rolled plain painted/hot dip galvanized M.S. sheets with Accessories etc.	kg	89.00
5785	Designing, Fabrication and transportation cost	kg	58.00
6001	White marble slab Makrana second quality plain veined 18 mm thick	sqm	1450.00
6007	Pink marble slab plain 18 mm thick	sqm	700.00
6010	Udaypur green marble slab plain 18 mm thick	sqm	650.00
6019	Black Zebra marble slab plain 18 mm thick	sqm	1000.00
6501	Sand zone V (Jamuna)	cum	1320.00
7001	Brass 100 mm mortice latch and lock with 6 levers without pair of handles	each	211.00
7003	Pair of Anodised Aluminium lever handles for 100 mm mortice latch and lock	each	237.00
7004	Vitreous china flat back wash basin 450x300 mm	each	297.00
7005	Vitreous china 10 litres low level cistern without fittings	each	700.00
7006	Vitreous china 10 litres low level cistern with fittings	each	1200.00
7008	F.P.S. (non modular) clay fly ash bricks class designation 7.5	1000 Nos	4770.00
7009	12.5 mm thick tapered edge plain gypsum plaster board conforming to IS 2095 (Part 1):2011	sqm	154.00
7010	Galvanised Steel ceiling section (size 80x26x0.50 mm)	metre	49.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7011	Galvanised Steel perimeter Channel (Size 20x27x30x0.50 mm)	metre	24.00
7012	Galvanised Steel intermediate Channel (Size 15x45x15x0.90 mm)	metre	40.00
7013	Galvanised Steel angle hanger (Ceiling angle) (Size 25x10x0.50 mm)	metre	13.00
7014	Galvanised Steel connecting clips (2.64 mm dia and 230 mm long GI wire)	each	4.00
7015	Galvanised Steel soffit cleat (Size 27x37x25x0.60 mm)	each	3.00
7016	Joint filler	kg	25.00
7017	Joint finisher	kg	23.00
7018	Joint tape roll	roll	95.00
7019	Dash fastener / Chemical fastener	each	13.00
7020	All drive screws (for gypsum board)	100 Nos	63.00
7021	Primer (for gypsum board)	litre	75.00
7022	Chlorpyriphos 20% E.C. / Lindane 20% E.C.	litre	165.00
7023	Chromium plated brackets (curtain rods)	each	9.00
7024	Acid Proof cement	tonne	8424.00
7025	Self tapping pan head nickel coated mild steel screws of size 13 x 3.2 mm	1000 Nos	523.00
7026	Fibre joint tape 50 mm wide (90 metre) roll	each roll	162.00
7027	M.S. Butt hinges 125x90x4 mm	10 Nos	113.00
7028	12.5 mm thick Fully Perforated gypsum board	sqm	414.00
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	260.00
7031	12.5 mm thick tapered edge moisture resistant plain gypsum plaster board conforming to IS 2095 (Part 1):2011	sqm	270.00
7032	Frosted glass sheet of nominal thickness 4 mm (weighing not less than 10 kg/sqm)	sqm	445.00
7033	Nickel plated M.S. pipe 25 mm dia	metre	84.00
7034	Nickel plated M.S. pipe 20 mm dia	metre	78.00
7035	Nickel plated M.S. Brackets for curtain rod 20 mm	each	7.00
7036	Nickel plated M.S. - Brackets for curtain rod 25 mm	each	9.00
7040	Oxidised mild steel screws 35 mm	100 Nos	53.00
7042	Mild steel conduit pipe (heavy type) ISI marked-20 mm dia	metre	45.00
7043	Mild steel conduit pipe (heavy type) ISI marked-25 mm dia	metre	57.00
7044	Rolling shutters of 80x0.90 mm laths	sqm	1417.00
7045	Rolling shutters of 80x1.2 mm laths	sqm	1458.00
7046	Top cover of Rolling shutters 0.90 mm thick	metre	495.00
7047	Top cover of Rolling shutters 1.20 mm thick	metre	616.00
7048	Rawl plug 50 mm (designation 10)	each	24.00
7049	Teak wood lipping of size 25x3 mm in pelmets	metre	13.00
7050	PU Primer	sqm	54.00
7051	40 mm (average) PU spray having 40-45 kg/m ³ density	sqm	385.00
7052	GI wire netting 3/4" x 24 G	sqm	28.00
7053	400 G polythene sheet	sqm	13.00
7055	Flat pressed three layer or graded plain particle board (medium density) Grade 1 ISI marked and conforming to IS : 3087 - 18 mm thick	sqm	469.00
7056	Aluminium tee channel (heavy duty) with rollers and stop end	metre	108.00
7059	Aluminium hanging floor door stopper with twin rubber & stopper	each	44.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7060	Hydraulic door closer tubular type Aluminium section body	each	600.00
7063	Oxidised M.S.casement stay (straight peg type) 300 mm not less than 0.33 kg	each	37.00
7064	Oxidised M.S.casement stay (straight peg type) 250 mm not less than 0.28 kg	each	33.00
7065	Oxidised M.S. casement stay (straight peg type) 200 mm not less than 0.24 kg	each	28.00
7068	Extra for providing grilled rolling shutters with 8 mm dia M.S. rod	sqm	540.00
7070	Chequered precast cement concrete tiles 22 mm thick using marble chips of size 6 mm - Light shade using white cement	sqm	392.00
7071	White marble Raj Nagar plain 18 mm thick upto 0.50 sqm area	sqm	600.00
7072	Wall mounted water closet of size 780 x 370x690 mm	each	5940.00
7073	Adjustable Vitreous China Cistern with fittings of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/8 litre)	each	1600.00
7074	White Vitreous China Waterless Urinal of size 600x330x315 mm	each	9500.00
7075	Cistern with fittings for Waterless Urinal	each	2376.00
7076	Battery based infrared sensor operated white Vitreous Urinal of aprox. size 610x390x370 mm	each	4770.00
7077	Acid and alkali resistant tiles 300x300 mm size, 10 mm thick	10 Nos	530.00
7087	S.C.I. Tee 150 mm	each	621.00
7090	Expanded polystyrene type N- Normal 50 mm thick	sqm	128.00
7091	Expanded polystyrene type - SE 50 mm thick	sqm	148.00
7095	Stainless steel kitchen sink - with drain board 510x1040 mm bowl depth 250 mm	each	3200.00
7096	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 225 mm	each	3600.00
7097	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 200 mm	each	3350.00
7098	Stainless steel kitchen sink - with drain board 510x1040 mm bowl depth 178 mm	each	3180.00
7101	Stainless steel kitchen sink - without drain board 610x510 mm bowl depth 200 mm	each	2350.00
7102	Stainless steel kitchen sink - without drain board 610x460 mm bowl depth 200 mm	each	1600.00
7103	Stainless steel kitchen sink - without drain board 470x420 mm bowl depth 178 mm	each	1272.00
7104	Coloured Orissa pattern W.C. pan 580x440 mm	each	1650.00
7105	Coloured Pedestal type W.C. pan 580x440 mm (European type)	each	900.00
7106	Coloured Vitreous china 10 lit. low level cistern	each	1000.00
7107	Coloured (other than black) solid P.V.C. seat in European W.C. pan	each	385.00
7112	Circular shape 450 mm dia Mirror with Plastic moulded frame	each	436.00
7113	Rectangular shape 453x357 mm Mirror with Plastic moulded frame	each	307.00
7114	Oval shape 450x350 mm (outer dimensions) Mirror with Plastic moulded frame	each	319.00
7115	Rectangular shape 1500x450 mm Mirror with Plastic moulded frame	each	700.00
7116	Hard board 6 mm thick	sqm	124.00
7117	Semi Rigid PVC waste pipe for sink and wash basin 32 mm dia with length not less than 700 mm i/c PVC waste fittings	each	27.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7118	Semi Rigid PVC waste pipe for sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings	each	36.00
7119	Flexible (coil shaped) PVC waste pipe for sink and wash basin 32 mm dia with length not less than 700 mm i/c PVC waste fittings	each	38.00
7120	Flexible (coil shaped) PVC waste pipe for sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings	each	38.00
7121	Bottle Trap	each	682.00
7122	CP Brass Single lever telephonic wall mixer of approved make	each	4800.00
7123	Coloured High density polyethylene / poly propylene 10 lit. (full flush) capacity controlled low level flushing cistern with fittings	each	583.00
7126	White Vitreous china 10 litre (full flush) capacity controlled low level flushing cistern with all fittings	each	730.00
7127	Coloured Vitreous china 10 litre (full flush) capacity controlled low level flushing cistern with all fittings	each	1200.00
7128	S.W. intercepting trap 100 mm dia	each	200.00
7129	S.W. intercepting trap 150 mm dia	each	262.00
7130	Rectangular shape 600x450 mm precast R.C.C. manhole cover with frame - L.D. - 2.5	each	743.00
7131	Square shape 450x450 mm precast R.C.C. manhole cover with frame - L.D. - 2.5	each	600.00
7132	Circular shape 450 mm dia precast R.C.C. manhole cover with frame - L.D. - 2.5	each	610.00
7133	Rectangular shape 500x500 mm precast R.C.C. manhole cover with frame - M.D. - 10	each	700.00
7134	Circular shape 500 mm dia precast R.C.C. manhole cover with frame- M.D.-10	each	605.00
7135	Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 20	each	935.00
7136	Circular shape 560 mm dia precast R.C.C. manhole cover with frame - E.H.D. - 35	each	1250.00
7137	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of 12 mm thick plain type-I, medium density flat pressed three layer, graded particle board (FPT-I) as per IS:3087 bonded with BWP type synthetic resin adhesive, as per IS:848	sqm	1722.00
7139	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of 12 mm thick both sides prelaminated type-I, medium density flat pressed three layer, graded particle board (FPT-I) as per IS:3087 bonded with BWP type synthetic resin adhesive, as per IS:848	sqm	1823.00
7143	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of 12 mm thick one side prelaminated type-I, and other side balancing lamination, medium density flat pressed three layer, graded particle board (FPT-I) as per IS:3087 bonded with BWP type synthetic resin adhesive, as per IS:848	sqm	1990.00
7151	Factory made 30 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of sheet glass using 10 kg/ sqm glass panes	sqm	1720.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7154	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of galvanised wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm	sqm	1720.00
7155	Factory made 30 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of galvanised wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm	sqm	1535.00
7157	Laminated veneer lumber conforming to TADS 15:1995 manufactured in factory in frames of doors, windows	10 cudm	750.00
7178	Chemical ASTM C-type I	kg	101.00
7181	C.I. pile shoe	kg	52.00
7182	M.S. clamps for pile shoe of 35 kg per pile	kg	45.00
7183	Bentonite of 35 kg per pile	tonne	3050.00
7184	Oxidised M.S. safety chain (weighing not less than 450 gms) for door	each	60.00
7187	C.I. grating 150 mm dia, weighing not less than 440 gm	each	29.00
7188	U-PVC pipes (working pressure 4 kg / cm ²) Single socketed pipe 75 mm dia	metre	74.00
7189	U-PVC pipes (working pressure 4 kg / cm ²) Single socketed pipe 110 mm dia	metre	142.00
7190	U-PVC pipes (working pressure 4 kg / cm ²) Rubber (Seal) Ring 75 mm dia	each	9.00
7191	U-PVC pipes (working pressure 4 kg / cm ²) Rubber (Seal) Ring 110 mm dia	each	12.00
7192	uPVC coupler for UPVC drainage pipes 75 mm	each	19.00
7193	uPVC coupler for UPVC drainage pipes 110 mm	each	41.00
7194	uPVC pushfit coupler (single) 75 mm thick	each	20.00
7195	uPVC pushfit coupler (single) 110 mm thick	each	35.00
7196	uPVC single equal Tee (without door) 75x75x75 mm	each	50.00
7197	uPVC single equal Tee (without door) 110x110x110 mm	each	89.00
7198	uPVC single equal Tee (with door) 75x75x75 mm	each	64.00
7199	uPVC single equal Tee (with door) 110x110x110 mm	each	98.00
7208	UPVC bend 87.5° 75 mm bend	each	38.00
7209	UPVC bend 87.5° 110 mm bend	each	63.00
7212	UPVC plain shoe 75 mm	each	29.00
7213	UPVC plain shoe 110 mm	each	50.00
7214	UPVC pipe clip 75 mm	each	15.00
7215	UPVC pipe clip 110 mm	each	16.00
7216	Self-Drilling/Self-Tapping Screws M-6 25 mm long	each	4.00
7217	SS anchor Fasteners (RCC / Brick) – M-8x75 mm/M-10x100 mm	each	76.00
7218	MS Polymer Sealant Adhesive	litre	1320.00
7219	SS Double Clip at intermediate	each	8.00
7220	SS Single clip at top and bottom	each	5.00
7221	Self-Drilling/Self-Tapping Screws 5.5x25 mm long	each	4.00
7222	SS Anchor Fasteners (RCC / Brick) – M-8x100 mm	each	76.00
7224	Concrete hardener	kg	24.00
7225	Release agent	litre	235.00
7226	Sealer	kg	290.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7227	PU resin top coat	kg	245.00
7231	Resin Bonded Glass wool 16 kg/m ³ : 50 mm thick	sqm	105.00
7232	Resin Bonded Glass wool 24 kg/m ³ : 50 mm thick	sqm	140.00
7233	Fibre glass tissue reinforcement Type II Grade i	sqm	82.00
7236	Precast chequered cement tiles 22 mm thick Dark shade using ordinary cement	sqm	232.00
7237	Precast chequered cement tiles 22 mm thick medium shade using 50% white cement & 50% ordinary cement	sqm	358.00
7238	High Albedo paint	kg	228.00
7239	Epoxy paint	litre	230.00
7240	Fire retardant paint	litre	259.00
7241	Melamine polish	litre	327.00
7244	Table rubbed polished stone 18 mm thick (75x50cm) Agaria Marble stone - 18 mm thick	sqm	1615.00
7245	Table rubbed polished stone 18 mm thick (75x50cm) Granite stone-18 mm thick	sqm	1938.00
7246	Vertical load testing (initial) of piles in accordance with IS : 2911 (Part-IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification and up to 50 tonne capacity pile	per test	38500.00
7247	Vertical load testing (initial) of piles in accordance with IS : 2911 (Part-IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & above 50 tonne and up to 100 tonne	per test	43000.00
7248	Vertical load testing (initial) of piles in accordance with IS : 2911 (Part-IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & group of two or more up to 50 tonne	per test	49500.00
7249	Cyclic vertical load testing of piles in accordance with IS : 2911 (Part-IV) including preparation of pile head etc. for Single pile up to 50 tonne capacity	per test	13800.00
7250	Cyclic vertical load testing of piles in accordance with IS : 2911 (Part-IV) including preparation of pile head etc. for Single pile above 50 tonne capacity pile and up to 100 tonne capacity pile	per test	22800.00
7251	Cyclic vertical load testing of piles in accordance with IS : 2911 (Part-IV) including preparation of pile head etc. for Group of two piles up to 50 tonne capacity each	per test	28500.00
7252	Lateral load testing of single pile in accordance with IS : 2911 part -IV for determining safe allowable lateral load on pile up to 50 tonne capacity	per test	13800.00
7253	Lateral load testing of single pile in accordance with IS : 2911 part -IV for determining safe allowable lateral load on pile above 50 tonne capacity	per test	23100.00
7254	Hardening compound	litre	39.00
7255	Road marking paint (spirit based)	litre	124.00
7256	Superior quality road marking paint (water based)	litre	140.00
7257	C.P. Brass bibcock 15 mm	each	330.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7258	C.P. Brass long nose bibcock 15 mm	each	540.00
7259	C.P. Brass long body bibcock 15 mm	each	530.00
7260	C.P. Brass stop cock (concealed) 15 mm	each	445.00
7261	C.P. Brass angle valve 15 mm	each	378.00
7266	Pressed clay tiles 20 mm thick 250x250 mm size	1000 Nos	8800.00
7267	Plain ceiling tiles (BWP type phenol formaldehyde synthetic resin bonded) (600x600x12 mm)	each	111.00
7268	Semi perforated ceiling tiles (600x600x12 mm)	each	107.00
7269	25 mm thick particle board	sqm	450.00
7270	30 mm thick prelaminated flush door shutter	sqm	900.00
7271	Second class teak wood lipping 25 mm wide x 12 mm thick	metre	30.00
7272	25 mm thick melamine faced prelaminated flat pressed three layer particle board	sqm	970.00
7273	Resin Bonded Rockwool 48 kg/m ³	sqm	117.00
7274	Glass wool 50 mm thick	sqm	220.00
7280	Waste plastic additive	tonne	39500.00
7281	Chemical ASTM C-type II	kg	163.00
7295	Granite of colour black, cherry/ruby red 18 mm thick (slab area upto 0.50 sqm)	sqm	1908.00
7296	Granite of colour black, cherry/ruby red 30 mm thick (slab area upto 0.50 sqm)	sqm	2045.00
7297	Granite of all colour except black, cherry/ruby red 18 mm thick (slab area upto 0.50 sqm)	sqm	1076.00
7298	Granite of colour black, cherry/ruby red 18 mm thick (slab area above 0.50 sqm)	sqm	2152.00
7299	Granite stone slab all colour except black, cherry/ruby red 18 mm thick (slab area above 0.50 sqm)	sqm	1290.00
7300	Granite of all colour except black, cherry/ruby red 30 mm thick (slab area above 0.50 sqm)	sqm	2260.00
7306	Aluminium T or L sections	kg	198.00
7307	For flush door shutters extra for providing teak veneering on one side instead of commercial veneering	sqm	336.00
7309	Paving Asphalt of grade VG-30 of approved quality	tonne	41202.00
7312	Expandable fastener with plastic sleeve and M.S. screws : 25 mm long	each	11.00
7313	Expandable fastener with plastic sleeve and M.S. screws : 32 mm long	each	11.00
7314	Expandable fastener with plastic sleeve and M.S. screws : 40 mm long	each	14.00
7315	Expandable fastener with plastic sleeve and M.S. screws. 50 mm long	each	15.00
7318	Plasticizer / super plasticizer	kg	30.00
7319	Wall form panel 1250x500 mm	each	900.00
7320	Tie bolt 12 mm dia 100 mm length	each	40.00
7321	Tie bolt 12 mm dia 150 mm length	each	50.00
7322	Tie bolt 20 mm dia 150 mm length	each	60.00
7323	Tie bolt 20 mm dia 225 mm length	each	72.00
7324	Spring coil 12 mm	each	16.00
7325	Plastic cone 12 mm dia	each	17.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7326	Corner angle 45x45x5 mm 1.50 m long	each	257.00
7327	100 mm channel shoulder 2.5 m long	each	950.00
7328	Double clip (bridge clip)	each	80.00
7329	Single clip	each	64.00
7330	M.S. tube 40 mm dia	metre	225.00
7331	Wall form panel 1250x450 mm	each	900.00
7332	Corner angle 45x45x5 mm 2.50 m long	each	275.00
7333	Column clamp 450x1070 mm	each	1020.00
7334	Prop 2 m (2-3.5 m)	each	690.00
7335	Binding wire	kg	50.00
7336	Lock Bar (E 250) - 10 thick MS Plate	kg	83.00
7338	Gun metal cramp	kg	335.00
7339	Stainless steel cramp	kg	313.00
7340	Stainless steel pin	kg	193.00
7342	Adjustable span ESO+SI (2.35-3.40)	each	1540.00
7343	Adjustable telescopic prop 3 m (2.02-3.75 m)	each	1051.00
7344	Beam clamp 300-380 mm (450-1070 mm)	each set	375.00
7345	Prop 4 m	each	965.00
7346	Double coupler	each	49.00
7347	Cadmium plated full threaded steel screws (30x4 mm dia)	100 Nos	29.00
7348	Aluminium washer 2 mm thick 15 mm dia	100 Nos	11.00
7349	12 mm M.S. 'U' beading	metre	15.00
7354	Plastic encapsulated M.S. foot rest 30x20x15 cm	each	121.00
7358	Flushing Cistern P.V.C. 10 litre capacity (low level-White) with fittings, accessories and flush pipe	each	621.00
7359	P.V.C. automatic flushing cistern 5 litre capacity	each	477.00
7361	P.V.C. automatic flushing cistern 10 litre capacity	each	545.00
7363	15 mm C.P. brass tap with elbow operation lever	each	464.00
7364	White glazed fire clay draining board 600x450x25 mm	each	540.00
7366	Glass reinforced Gypsum (GRG) plaster board 12.5 mm thick conforming to IS 2095 (Part 3):1996	sqm	264.00
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm	metre	65.00
7368	GFRG Panel of 124 mm thick	sqm	896.00
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud : 48x34x36 mm	metre	76.00
7375	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe single lipped urinal	each	481.00
7376	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe range of two lipped urinals	each	795.00
7377	G.i. flush pipe and C.P. brass spreader including C.P. connecting pipe range of three lipped urinals	each	1130.00
7378	G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe range of four lipped urinals	each	1544.00
7379	White vitreous china clay half stall urinal flat back 580x380x350 mm or angle back 450x375x350 mm with waste fittings as per IS:2556	each	915.00
7380	Precast R.C.C. grating with frame 500x450 mm horizontal grating	each	665.00
7381	Precast R.C.C. grating with frame 450x100 mm vertical grating	each	250.00
7382	Bitumen emulsion rapid setting (R.S.) conforming to IS : 8887	tonne	19893.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7383	12 mm dia 50 mm long wedge type expanded zinc alloy dash fastener	each	8.00
7385	3 mm thick translucent white acrylic plastic sheet	sqm	529.00
7386	12 mm thick particle board ceiling tile	sqm	101.00
7387	Spigot for standard jointing	kg	44.00
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt	each	10.00
7389	Anodising 15 microns on aluminium sections	kg	42.00
7390	EPDM Gasket for uPVC window/door	metre	16.00
7391	Anodising 25 microns on aluminium sections	kg	51.00
7392	Powder coating 50 microns on aluminium sections	kg	66.00
7393	Polyester powder coating 50 microns on aluminium sections	kg	72.00
7394	Double action hydraulic floor spring with stainless steel cover plate	each	1615.00
7395	6 mm dia G.I. adjustable hangers including clips (up to 1.2 m length)	each	21.00
7396	Double action hydraulic floor spring with brass cover plate	each	1715.00
7397	Base Jack	each	155.00
7398	Challies	each	834.00
7399	Cup locks	each	50.00
7400	15 mm PTMT bib cock	each	70.00
7401	15 mm PTMT bib cock with flange (fancy)	each	95.00
7402	15 mm PTMT bib cock long body with flange	each	106.00
7403	15 mm dia PTMT stop cock (male thread)	each	65.00
7405	20 mm dia PTMT stop cock	each	73.00
7406	PTMT pillar cock	each	125.00
7407	PTMT push cock 15 mm dia	each	61.00
7408	PTMT push cock 12 mm dia 20 mm BSP	each	49.00
7409	PTMT grating 100 mm dia	each	17.00
7410	PTMT Pillar cock (fancy) 15 mm foam flow	each	136.00
7411	125 mm grating with waste hole	each	27.00
7412	Rectangular type with openable circular lid 150 mm size 18 mm high with 100 mm dia (110 gm)	each	129.00
7415	Double acting air valve 50 mm	each	3875.00
7416	Double acting air valve 80 mm	each	4750.00
7417	Double acting air valve 100 mm	each	6000.00
7418	Water meter (including testing charges) 80 mm	each	2100.00
7419	Water meter (including testing charges) 100 mm	each	3200.00
7420	Water meter (including testing charges) 150 mm	each	5130.00
7421	Water meter (including testing charges) 200 mm	each	5400.00
7422	Dirt box strainer 80 mm	each	2800.00
7423	Dirt box strainer 100 mm	each	4600.00
7424	Dirt box strainer 150 mm	each	5850.00
7425	Dirt box strainer 200 mm	each	8130.00
7426	Cat's eye	each	87.00
7427	Water stops Serrated with central bulb (225 mm wide, 8-11 mm thick)	metre	215.00
7428	Water stops Dumb bell with central bulb	metre	173.00
7429	Kickers	metre	170.00
7430	Wedge expansion hold fastener 1/4" or 6 mm	each	9.00
7431	Wedge expansion hold fastener 3/8" or 10 mm	each	11.00
7432	Wedge expansion hold fastener 1/2" or 12 mm	each	26.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7439	8 mm thick (mirror polished tiles machine cut edge) Raj Nagar white	sqm	477.00
7441	Wheel 40 mm dia. 40 mm wide	each	25.00
7442	Wheel 75 mm dia. 40 mm wide	each	66.00
7443	Aluminium single cleat of size 30x32x3 mm	each	15.00
7444	Aluminium grip strip of size 50x12x2 mm	each	12.00
7445	25 mm thick prelaminated flush door shutter both side decorative	sqm	861.00
7449	Aluminium U beading	kg	220.00
7451	Glass sheet (Pin headed) 4 mm thick	sqm	373.00
7452	Raj nagar plain white marble (table rubbed and polished) 18 mm thick (slab area upto 0.50 sqm)	sqm	570.00
7453	Raj nagar plain white marble (table rubbed and polished) 18 mm thick (slab area more than 0.50 sqm)	sqm	690.00
7466	Second class deodar teak wood lipping 30 mm wide x 12 mm thick	metre	22.00
7468	Veneered particle board with commercial veneering on both sides 12 mm thick	sqm	510.00
7477	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade-I, Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	550.00
7478	Prelaminated flat pressed three layer or graded wood particle board with one side decorative and other side balancing lamination, (medium density) Grade I, Type II conforming and marked to IS : 12823 (exterior grade) 18 mm thick	sqm	590.00
7479	Prelaminated flat pressed three layer or graded wood particle board with one side decorative and other side balancing lamination, (medium density) Grade I, Type II conforming and marked to IS : 12823 (exterior grade) 25 mm thick	sqm	901.00
7480	Prelaminated flat pressed three layer or graded wood particle board with both sides decorative lamination, (medium density) Grade I, Type II conforming and marked to IS : 12823 (exterior grade) 12 mm thick	sqm	534.00
7485	Oxidised M. S. hinges finished with nickel plating 50 mm (Over all width)	metre	43.00
7486	Oxidised M. S. hinges finished with nickel plating 65 mm (Over all width)	metre	57.00
7491	PTMT - Waste Coupling 31/32 mm	each	35.00
7492	PTMT - Waste Coupling 38/40 mm	each	40.00
7493	PTMT - Bottle Trap 31/32 mm	each	212.00
7494	PTMT - Bottle Trap 38/40 mm	each	218.00
7495	PTMT Ball Cock 15 mm complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	79.00
7496	PTMT Ball Cock 20 mm complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	120.00
7497	PTMT Ball Cock 25 mm complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	295.00
7498	PTMT Ball Cock 40 mm complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	445.00
7499	PTMT Ball Cock 50 mm complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	894.00
7500	PTMT Angle Stop cock with Flange 15 mm	each	92.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7501	PTMT Swiveling shower 15 mm	each	70.00
7503	PTMT Liquid Soap Container of 400 ml capacity	each	103.00
7504	PTMT - Towel Ring 215x200x37 mm	each	117.00
7505	PTMT - Towel Rail (450 mm long)	each	132.00
7506	PTMT - Towel Rail (600 mm long)	each	157.00
7507	PTMT Shelf 450x124x36 mm	each	160.00
7508	PTMT - Urinal Spreader 15 mm	each	60.00
7509	PTMT Soap Dish/Holder 138x102x75 mm	each	63.00
7512	PTMT handle 125x34x24 mm	each	23.00
7513	PTMT handle 150x34x24 mm	each	22.00
7514	PTMT butt hinges 75x60x10 mm	each	32.00
7515	PTMT butt hinges 100x75x10 mm	each	39.00
7516	PTMT Tower bolt 152x42x18 mm	each	39.00
7517	PTMT Tower bolt 202x42x18 mm	each	62.00
7518	PTMT door catcher 72x42 mm	each	24.00
7552	Coir veneered board 4 mm thick	sqm	274.00
7553	Coir veneered board 6 mm thick	sqm	368.00
7555	Coir veneered board 12 mm thick	sqm	650.00
7556	Coir veneered board 18 mm thick	sqm	980.00
7589	Ductile Iron double chamber restrained joint (bolt less) fittings class K12 upto 600 mm nominal dia	quintal	20900.00
7590	Ductile Iron double chamber restrained joint (bolt less) fittings class K12 above 600 mm nominal dia	quintal	27000.00
7591	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 100 mm nominal dia pipe	metre	1256.00
7592	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 150 mm nominal dia pipe	metre	1748.00
7593	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 200 mm nominal dia pipe	metre	2197.00
7594	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 250 mm nominal dia pipe	metre	2945.00
7595	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 300 mm nominal dia pipe	metre	3684.00
7596	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 350 mm nominal dia pipe	metre	4480.00
7597	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 400 mm nominal dia pipe	metre	5576.00
7598	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 450 mm nominal dia pipe	metre	6629.00
7599	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 500 mm nominal dia pipe	metre	7803.00
7600	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 600 mm nominal dia pipe	metre	10220.00
7601	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 700 mm nominal dia pipe	metre	12911.00
7602	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 750 mm nominal dia pipe	metre	14463.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7603	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 800 mm nominal dia pipe	metre	15908.00
7604	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 900 mm nominal dia pipe	metre	19824.00
7605	Centrifugally Cast DI class K9 pipe including double chamber restraining arrangements (bolt less) 1000 mm nominal dia pipe	metre	23995.00
7606	Rubber Gasket of EPDM quality for 100 mm nominal dia pipe	each	29.00
7607	Rubber Gasket of EPDM quality for 150 mm nominal dia pipe	each	33.00
7608	Rubber Gasket of EPDM quality for 200 mm nominal dia pipe	each	60.00
7609	Rubber Gasket of EPDM quality for 250 mm nominal dia pipe	each	70.00
7610	Rubber Gasket of EPDM quality for 300 mm nominal dia pipe	each	100.00
7611	Rubber Gasket of EPDM quality for 350 mm nominal dia pipe	each	116.00
7612	Rubber Gasket of EPDM quality for 400 mm nominal dia pipe	each	210.00
7613	Rubber Gasket of EPDM quality for 450 mm nominal dia pipe	each	250.00
7614	Rubber Gasket of EPDM quality for 500 mm nominal dia pipe	each	270.00
7615	Rubber Gasket of EPDM quality for 600 mm nominal dia pipe	each	356.00
7616	Rubber Gasket of EPDM quality for 700 mm nominal dia pipe	each	510.00
7617	Rubber Gasket of EPDM quality for 750 mm nominal dia pipe	each	600.00
7618	Rubber Gasket of EPDM quality for 800 mm nominal dia pipe	each	705.00
7619	Rubber Gasket of EPDM quality for 900 mm nominal dia pipe	each	910.00
7620	Rubber Gasket of EPDM quality for 1000 mm nominal dia pipe	each	1080.00
7621	Hubless centrifugally cast (spun) iron pipes as per IS 15905 - 100 mm dia (3000 mm length pipe)	metre	719.00
7622	Hubless centrifugally cast (spun) iron pipes as per IS 15905 - 75 mm dia (3000 mm length pipe)	metre	591.00
7623	Hubless centrifugally cast (spun) iron plain bend as per IS 15905 - 100 mm dia	each	228.00
7624	Hubless centrifugally cast (spun) iron plain bend as per IS 15905 - 75 mm dia	each	153.00
7625	Hubless centrifugally cast (spun) iron double equal plain junction as per IS 15905 - 100x100x100x100 mm dia	each	504.00
7626	Hubless centrifugally cast (spun) iron double equal plain junction as per IS 15905 - 75x75x75x75 mm dia	each	270.00
7627	Hubless centrifugally cast (spun) iron single equal plain junction as per IS 15905 - 100x100x100 mm dia	each	378.00
7628	Hubless centrifugally cast (spun) iron single equal plain junction as per IS 15905 - 75x75x75 mm dia	each	213.00
7629	Hubless centrifugally cast (spun) iron double unequal plain junction as per IS 15905 - 100x100x75x75 mm dia	each	396.00
7630	Hubless centrifugally cast (spun) iron single unequal plain junction as per IS 15905 - 100x100x75 mm dia	each	357.00
7631	Hubless centrifugally cast (spun) iron double equal plain invert branch as per IS 15905 - 100x100x100x100 mm dia	each	747.00
7632	Hubless centrifugally cast (spun) iron single equal plain invert branch as per IS 15905 - 100x100x100 mm dia	each	423.00
7633	Hubless centrifugally cast (spun) iron single equal plain invert branch as per IS 15905 - 75x75x75 mm dia	each	258.00
7634	Hubless centrifugally cast (spun) iron single unequal plain invert branch 45 degree as per IS 15905 - 100x100x75 mm dia	each	432.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7635	Hubless centrifugally cast (spun) iron 65 mm offset with 100 mm dia pipe as per IS 15905	each	360.00
7636	Hubless centrifugally cast (spun) iron 65 mm offset with 75 mm dia pipe as per IS 15905	each	295.00
7637	Hubless centrifugally cast (spun) iron 130 mm offset with 100 mm dia pipe as per IS 15905	each	414.00
7638	Hubless centrifugally cast (spun) iron 130 mm offset with 75 mm dia pipe as per IS 15905	each	303.00
7639	Hubless centrifugally cast (spun) iron bend with access door - 100 mm dia as per IS 15905	each	348.00
7640	Hubless centrifugally cast (spun) iron bend with access door - 75 mm dia as per IS 15905	each	252.00
7641	Hubless centrifugally cast (spun) iron terminal guard (slotted cowl) -100 mm dia as per IS 15905	each	270.00
7642	Hubless centrifugally cast (spun) iron trap with 100 mm inlet and 100 mm outlet as per IS 15905	each	570.00
7643	Hubless centrifugally cast (spun) iron trap with 100 mm inlet and 75 mm outlet as per IS 15905	each	385.00
7644	SS 304 grade shielded coupling with EPDM rubber gasket for 100 mm dia Hubless centrifugally cast (spun) iron	each	273.00
7645	SS 304 grade shielded coupling with EPDM rubber gasket for 75 mm dia Hubless centrifugally cast (spun) iron	each	249.00
7651	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 100 mm dia	metre	900.00
7652	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 150 mm dia	metre	1225.00
7653	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 200 mm dia	metre	1650.00
7654	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 250 mm dia	metre	2350.00
7655	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 300 mm dia	metre	2900.00
7656	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 350 mm dia	metre	3600.00
7657	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 400 mm dia	metre	4570.00
7658	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 450 mm dia	metre	5325.00
7659	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 500 mm dia	metre	6475.00
7660	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 600 mm dia	metre	8700.00
7661	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 700 mm dia	metre	11700.00
7662	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 750 mm dia	metre	12435.00
7663	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 800 mm dia	metre	12600.00
7664	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 900 mm dia	metre	15465.00
7665	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 1000 mm dia	metre	16700.00
7666	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 100 mm dia	each	35.00
7668	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 150 mm dia	each	40.00
7669	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 200 mm dia	each	70.00
7670	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 250 mm dia	each	80.00
7671	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 300 mm dia	each	115.00
7672	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 350 mm dia	each	125.00
7673	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 400 mm dia	each	235.00
7674	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 450 mm dia	each	290.00
7675	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 500 mm dia	each	310.00
7676	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 600 mm dia	each	435.00
7677	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 700 mm dia	each	615.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7678	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 750 mm dia	each	700.00
7679	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 800 mm dia	each	755.00
7680	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 900 mm dia	each	990.00
7681	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 1000 mm dia	each	1130.00
7682	Ductile Iron K - 12 specials suitable for push on jointing up to 600 mm dia	quintal	13600.00
7683	Ductile Iron K - 12 specials suitable for push on jointing over 600 mm dia	quintal	18300.00
7684	Ductile Iron specials suitable for mechanical jointing as per I.S. 9523 - up to 600 mm dia	quintal	14500.00
7685	Ductile Iron Specials suitable for mechanical jointing as per I.S. 9523 over 600 mm dia	quintal	19500.00
7686	Ductile Iron Pipe Class K-9 flanges and welding 100 mm dia	metre	1225.00
7687	Ductile Iron Pipe Class K-9 flanges and welding 150 mm dia	metre	1750.00
7688	Ductile Iron Pipe Class K-9 flanges and welding 200 mm dia	metre	2250.00
7689	Ductile Iron Pipe Class K-9 flanges and welding 250 mm dia	metre	3150.00
7690	Ductile Iron Pipe Class K-9 flanges and welding 300 mm dia	metre	3950.00
7691	Ductile Iron Pipe Class K-9 flanges and welding 350 mm dia	metre	5075.00
7692	Ductile Iron Pipe Class K-9 flanges and welding 400 mm dia	metre	6575.00
7693	Ductile Iron Pipe Class K-9 flanges and welding 450 mm dia	metre	6800.00
7694	Ductile Iron Pipe Class K-9 flanges and welding 500 mm dia	metre	10500.00
7695	Ductile Iron Pipe Class K-9 flanges and welding 600 mm dia	metre	13500.00
7696	Ductile Iron Pipe Class K-9 flanges and welding 700 mm dia	metre	15400.00
7697	S&S Centrifugally (Spun) C.I. Pipe class LA 100 mm dia	metre	950.00
7698	S&S Centrifugally (Spun) C.I. Pipe class LA 125 mm dia	metre	1150.00
7699	S&S Centrifugally (Spun) C.I. Pipe class LA 150 mm dia	metre	1350.00
7700	S&S Centrifugally (Spun) C.I. Pipe class LA 200 mm dia	metre	2275.00
7701	S&S Centrifugally (Spun) C.I. Pipe class LA 250 mm dia	metre	3100.00
7702	S&S Centrifugally (Spun) C.I. Pipe class LA 300 mm dia	metre	4100.00
7703	S&S Centrifugally (Spun) C.I. Pipe class LA 350 mm dia	metre	4900.00
7704	S&S Centrifugally (Spun) C.I. Pipe class LA 400 mm dia	metre	6500.00
7705	S&S Centrifugally (Spun) C.I. Pipe class LA 450 mm dia	metre	7850.00
7706	S&S Centrifugally (Spun) C.I. Pipe class LA 500 mm dia	metre	9200.00
7707	S&S Centrifugally (Spun) C.I. Pipe class LA 600 mm dia	metre	12500.00
7708	S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing up to 300 mm dia	quintal	5600.00
7709	S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing over 300 mm dia	quintal	6675.00
7710	S&S Centrifugally (Spun) C.I. Pipe specials suitable for mechanical joint as per I.S. 13382 up to 300 mm dia	quintal	9210.00
7711	S&S Centrifugally (Spun) C.I. Pipe Specials suitable for mechanical joint as per I.S. 13382 over 300 mm dia	quintal	9750.00
7712	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 100 mm dia	metre	1400.00
7713	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 150 mm dia	metre	2150.00
7714	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 200 mm dia	metre	3350.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7715	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 250 mm dia	metre	4160.00
7716	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 300 mm dia	metre	5410.00
7717	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 350 mm dia	metre	6750.00
7718	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 400 mm dia	metre	8810.00
7719	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 450 mm dia	metre	11275.00
7720	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 500 mm dia	metre	14600.00
7721	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 600 mm dia	metre	18500.00
7722	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 100 mm dia	metre	845.00
7723	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 150 mm dia	metre	1200.00
7724	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 200 mm dia	metre	1560.00
7725	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 250 mm dia	metre	1925.00
7726	Ductile Iron Class K- 7 pipe conforming to i.S. 8329 - 300 mm dia	metre	2350.00
7727	Ductile Iron Class K- 7 pipe conforming to i.S. 8329 - 350 mm dia	metre	2775.00
7728	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 400 mm dia	metre	3375.00
7729	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 450 mm dia	metre	4100.00
7730	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 500 mm dia	metre	4500.00
7731	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 600 mm dia	metre	5950.00
7732	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 700 mm dia	metre	7650.00
7733	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 800 mm dia	metre	9650.00
7734	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 900 mm dia	metre	12450.00
7735	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 1000 mm dia	metre	13100.00
7736	Extruded burnt flyash clay sewer bricks conforming to I.S 4885	1000 Nos	5500.00
7737	Fly ash bricks conforming to I.S. 12894	1000 Nos	4500.00
7738	Calcium Silicate Bricks machine moulded conforming to I.S. 4139	1000 Nos	5700.00
7739	Modified Bitumen Refinery produced CRMB - 55	tonne	33100.00
7741	Modified Bitumen Refinery produced CRMB - 60	tonne	33250.00
7742	Bitumen emulsion medium setting (M.S.) conforming to IS : 8887	tonne	33530.00
7743	M.S. pipe 150 mm dia casing pipe	metre	1250.00
7744	M.S. pipe 200 mm dia casing pipe	metre	1550.00
7745	PVC blind pipe 150 mm dia as per IS: 12818	metre	550.00
7746	PVC blind pipe 200 mm dia as per IS: 12818	metre	775.00
7747	M.S. cap 150 mm dia	each	165.00
7748	M.S. cap 200 mm dia	each	215.00
7749	M.S. bail plug 150 mm dia	each	215.00
7750	M.S. bail plug 200 mm dia	each	240.00
7751	PVC slotted pipe 150 mm dia as per IS: 12818	metre	560.00
7752	PVC slotted pipe 200 mm dia as per IS: 12818	metre	875.00
7753	Stone Boulder 50 mm to 200 mm	cum	875.00
7754	Gravel 5 mm to 10 mm	cum	895.00
7755	Gravel 1.5 mm to 2 mm	cum	895.00
7756	Gravel 3 mm to 6 mm	cum	895.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7757	M.S. pipe 100 mm dia casing pipe	metre	850.00
7758	uPVC blind pipe 100 mm dia as per IS: 12818	metre	465.00
7759	uPVC slotted pipe 100 mm dia as per IS: 12818	metre	475.00
7760	M.S. cap 100 mm dia	each	150.00
7761	M.S. bail plug 100 mm dia	each	175.00
7762	Precast R.C.C. perforated slab	each	950.00
7763	Water supply tanker of 5000 litre capacity	each	1625.00
7764	M.S. socket 100 mm dia	each	140.00
7765	M.S. socket 150 mm dia	each	225.00
7766	M.S. socket 200 mm dia	each	300.00
7767	Stone cleaning chemical approved by ASI	litre	300.00
7768	Water repellent chemical approved by ASI	litre	1190.00
7769	Stone surface strengthening chemical approved by ASI	litre	910.00
7770	Turpentine oil	litre	60.00
7771	Liquid Ammonia 5%	litre	150.00
7772	Pea Gravel	cum	1200.00
7773	Coloured C.C. inter locking paver Block (60 mm thick, M-35) (including carriage)	sqm	450.00
7774	Stone size 10x10x7.5cm (including carriage)	each	10.00
7775	Sodium pentachlorophenate	kg	575.00
7776	Concrete paver block of grade M-30 made of C&D waste (60 mm thickness)	sqm	300.00
7800	Ceramic Glazed Tiles 1st quality minimum thickness 5 mm in all colours shades and designs except burgundy, bottle green, black	sqm	225.00
7801	Ceramic Glazed Tiles 1st quality 300 x 300 mm in all shades and designs of White, Ivory, grey, Fume Red brown etc.	sqm	200.00
7802	Ceramic Glazed Tiles 1st quality 300 x 300 mm in all shades designs except White, Ivory, Grey, Fume Red Brown etc.	sqm	350.00
7803	Rectified Ceramic Glazed Tiles 1st quality 300 x 300 mm or more in all shades designs White, Ivory, Grey, Fume Red Brown etc.	sqm	375.00
7804	Rectified Ceramic Glazed Tiles 1st quality 300 x 300 mm or more in all shades designs except White, Ivory, Grey, Fume Red Brown etc.	sqm	450.00
7805	Salem Stainless steel AISI - 304 (18/8) Orrisa pattern W.C. pan 724 mm X 578 mm	each	4600.00
7806	Salem Stainless steel AISI - 304 (18/8) Round basin 405 mm X 355 mm	each	1650.00
7807	Salem Stainless steel AISI - 304 (18/8) Wash basin 530 mm X 345 mm	each	2150.00
7808	Centrifugally cast (spun) iron S&S 100 mm inlet and 100 mm outlet trap	each	550.00
7809	Centrifugally cast (spun) iron S&S 100 mm inlet and 75 mm outlet trap	each	535.00
7850	Agaria White marble slab plain 18 mm thick	sqm	1100.00
7857	P.T.M.T. Grating square slit 150 mm	each	50.00
7858	P.T.M.T. Urinal cock 15 mm dia	each	105.00
7859	P.T.M.T. Bib cock with nozzle 15 mm	each	120.00
7861	P.T.M.T. Stop cock (concealed) 15 mm	each	135.00
7862	15 mm nominal bore and 30 cm length PVC connection pipe with P.T.M.T. Nuts	each	40.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7863	15 mm nominal bore and 45 cm length PVC connection pipe with P.T.M.T. Nuts	each	55.00
7864	P.T.M.T. extension nipple 15 mm dia	each	30.00
7865	P.T.M.T. extension nipple 20 mm dia	each	58.00
7866	P.T.M.T. extension nipple 25 mm dia	each	72.00
7893	Tactile tile	sqm	890.00
7895	Matt finished vitrified tile 100x100 x16 mm	sqm	990.00
7896	Vitrified tile	sqm	495.00
7900	Modular common burnt clay bricks of class designation 7.5	1000 Nos	4500.00
7901	Machine moulded perforated common burnt clay FPS (non modular) bricks of class designation 12.5	1000 Nos	5000.00
7902	Machine moulded common burnt clay modular perforated bricks of class designation 12.5	1000 Nos	5500.00
7903	Machine moulded common burnt clay FPS (non modular) bricks of class designation 12.5	1000 Nos	5300.00
7904	Machine moulded common burnt clay tile bricks of class designation 12.5	1000 Nos	5200.00
7911	Chemical Rust Remover	litre	290.00
7912	Hire charges of Drill machine upto 30 mm dia	day	180.00
7913	Epoxy	kg	380.00
7914	SBR Polymer	kg	200.00
7915	Woven PVC cloth	sqm	28.00
7916	Hire charges of sand blasting equipment	day	500.00
7917	Hire charges of compressure	day	750.00
7918	25 mm thick cement concrete shotcrete(guniting) with compressor	sqm	125.00
7919	50 mm thick cement concrete shotcrete(guniting) with compressor	sqm	190.00
7920	75 mm thick cement concrete shotcrete(guniting) with compressor	sqm	310.00
7921	Adhesive chemical	ml	2.00
7922	Bit of drilling machine for Hole upto 30 mm dia	each	550.00
7923	GI injection nipple 12 mm dia, 75 mm long	each	50.00
7924	Blowing compressed air for cleaning holes upto 30 mm dia	each	10.00
7925	L shaped 100 mm long, 10 mm dia mild steel shear key	kg	90.00
7926	Welding charges of shear key to existing reinforcement	each	2.50
7927	Acrylic Polymer chemical for cracks	kg	35.00
7928	Hire charges of Plant and machinery, it can inject - 350kg/day	day	120.00
7929	Shear loops (6 mm dia GI wire rope) (For vertical joints) 6 nos on each side	each	230.00
7930	Dowel tubes (Corrugated GI pipes 50 to 80 mm dia) (For horizontal joints)	metre	165.00
7931	Hooks for lifting (Alloy steel) having 2.5 tonne capacity	each	310.00
7996	Factory made EPS light weight composite sandwiched wall/roof panel (50 mm thick) having core material of EPS granule balls/beads (conforming to IS 4671:1984 and shall have density not less than 15kg per cum). The outer face on both sides of the panels will be non asbestos fiber cement board conforming to IS 14862:2000 or Calcium silicate board conforming to EN 14306:2009 of 5 mm thick each.	sqm	760.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
7997	Factory made EPS light weight composite sandwiched wall/roof panel (60 mm thick) having core material of EPS granule balls/beads (conforming to IS 4671:1984 and shall have density not less than 15kg per cum). The outer face on both sides of the panels will be non asbestos fiber cement board conforming to IS 14862:2000 or Calcium silicate board conforming to EN 14306:2009 of 5 mm thick each	sqm	875.00
7998	Factory made EPS light weight composite sandwiched wall/roof panel (75 mm thick) having core material of EPS granule balls/beads (conforming to IS 4671:1984 and shall have density not less than 15kg per cum). The outer face on both sides of the panels will be non asbestos fiber cement board conforming to IS 14862:2000 or Calcium silicate board conforming to EN 14306:2009 of 5 mm thick each	sqm	1111.00
7999	Factory made EPS light weight composite sandwiched wall/roof panel (90 mm thick) having core material of EPS granule balls/beads (conforming to IS 4671:1984 and shall have density not less than 15kg per cum). The outer face on both sides of the panels will be non asbestos fiber cement board conforming to IS 14862:2000 or Calcium silicate board conforming to EN 14306:2009 of 5 mm thick each	sqm	1313.00
8000	Factory made EPS light weight composite sandwiched wall/roof panel (100 mm thick) having core material of EPS granule balls/beads (conforming to IS 4671:1984 and shall have density not less than 15kg per cum). The outer face on both sides of the panels will be non asbestos fiber cement board conforming to IS 14862:2000 or Calcium silicate board conforming to EN 14306:2009 of 5 mm thick each	sqm	1565.00
8001	24 mm thick Factory made shutters with style, rails and panels of PVC extruded sections in white, grey or wooden finish	sqm	1800.00
8002	30 mm thick Factory made shutters with style, rails and panels of PVC extruded sections in white, grey or wooden finish	sqm	2000.00
8003	30 mm thick Factory made PVC rigid foam panelled shutter as per IS:4020 (Plain) i/c carriage	sqm	1912.00
8004	30 mm thick Factory made PVC rigid foam panelled shutter as per IS : 4020(Both side laminated) i/c carriage	sqm	2250.00
8006	Factory made PVC rigid foam sheet 1 mm thick	sqm	165.00
8007	Factory made PVC rigid foam sheet 5 mm thick	sqm	530.00
8008	Factory made prelaminated PVC rigid foam sheet 5 mm thick	sqm	1024.00
8010	48 mmX40 mmX1.5 mm thick Factory made door frame of PVC extruded sections in white, grey or wooden finish	metre	140.00
8011	Factory made 50 mmx47 mm with a wall thickness of 5 mm door frame PVC extruded sheet i/c carriage	metre	295.00
8012	Adhesive solvent cement	kg	150.00
8013	Factory made EPS Core wall panel /roof panel sandwiched between two Engineered welded wire fabric mesh of 3 mm dia G.I. wire mesh,with 50 mm pitch in both the directions, kept at 120-135 mm gap and interconnected by the zig zag G.I. wire of 3 mm dia at alternate row by welding.	sqm	1708.00
8014	Factory made door frame of size 50x47 mm with wall thickness 5 mm made of single piece extruded profile	metre	350.00
8015	Expanded poly ethylene Foam sheet 4 mm thick of density 40kg/m ³	sqm	22.00
8016	High Density expanded poly ethylene (EPE) Foam 1 mm thick	sqm	12.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8017	Fire rated door frame made with 1.6 mm thick G.I sheet (120 minutes fire rating)	metre	1400.00
8018	Fire rated door shutter made with 1.6 mm thick G.I sheet (120 minutes fire rating) including hinges (without glass panels)	sqm	7000.00
8019	GI sheet 0.8 mm thick conforming to IS 277:1992	kg	69.00
8020	Factory made EPS Core wall panel /roof panel sandwiched between two Engineered welded wire fabric mesh of 3 mm dia G.I. wire mesh, with 50 mm pitch in both the directions, connected by G.I. wire of 3 mm dia at alternate row by welding	sqm	621.00
8021	Bamboo wood Tile Flooring 14 mm thick, minimum 1800 mm length and minimum 100 mm wide	sqm	3790.50
8022	Bamboo wood Quarter Round 18 mm thick of size 1900 mm x 18 mm	metre	128.25
8023	Bamboo wood door reducer 14 mm thick of size 1900 mm x 44 mm	metre	289.75
8024	Bamboo wood Skirting 14 mm thick of size 1900 mm x 85 mm	metre	327.75
8025	Bamboo wood Tile Wall Cladding 10 mm thick, minimum 1800 mm length and minimum 100 mm wide	sqm	3562.50
8026	Bamboo wood T-mold 14 mm thick of size 1900 mm x 44 mm	metre	275.50
8027	Bamboo wood Threshold 14 mm thick of size 1900 mm x 44 mm	metre	275.50
8028	Bamboo wood shutter of doors	10 cudm	2018.75
8029	Bamboo wood panelling (10 mm thick)	10 cudm	2018.75
8030	Superior class Bamboo wood door frame 65 mm thick,	10 cudm	2018.75
8031	Aluminium sheets Grade 5052, 4 mm thick for wall panel/deck panel/ WRB panel/Kicker Panels/door closing panels (for form work)	sqm	8800.00
8032	Aluminium sheets Grade 5052, 4 mm thick for Internal Corner/ Column Corners/ (for form work)	sqm	13300.00
8033	Aluminium sheets Grade 5052, 4 mm thick for Mid Soldier/End soldier (for form work)	sqm	33050.00
	Accessories for aluminium form work		
8034	External corner 2050 mm	each	1500.00
8035	External corner 825 mm	each	650.00
8036	soldier tie 370 mm	each	333.00
8037	Adjustable prop-2.0 x2.0 m	each	1320.00
8038	Pin-50	each	15.00
8039	Pin-127	each	60.00
8040	wedge	each	10.00
8041	wall tie-150 (355 mm)	each	50.00
8042	Polythene Sleeve 90 x 150 mm	each	3.00
8043	Polythene Roll - 150 mm Long.	each	6.00
8044	Vertical Soldier -1100 mm	each	410.00
8045	Wall Attached Bracket 600x1000 mm	each	1090.00
8046	Alignment Pipe - 3.00 metre	each	1100.00
8047	Alignment Bracket	each	530.00
8048	Tie Rod for Bracket - 500 mm	each	132.00
8049	Anchor Wing Nut Ø100 mm	each	70.00
8050	Debit Pin - 250 mm	each	65.00
8051	PVC Pipe Ø20 mm - 150 mm long	each	5.00
8052	PVC Cone	each	5.00
8053	Bolt+Nut - 16 x 80 mm	each	40.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8054	Flat Washer Ø16, 3 mm thick	each	6.00
8055	Bolt+Nut - 16 x 30 mm	each	20.00
8056	Door spacer 45x45x5-1135 mm Long	each	400.00
8057	Door spacer 45x45x5-1135 mm Long	each	400.00
8100	Powder coated M.S. butt hinges 100 mm X58 mmX1.9 mm	10 Nos	145.00
8101	SS ball bearing of size 100 x89x3 mm	each	517.00
8116	Zinc alloy (white powder coated) 3D Hinges for uPVC door	each	546.00
8117	Zinc alloy (white powder coated) handles with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key for uPVC casement door	each set	3030.00
8118	Zinc alloy (white powder coated) handles along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding / casement window	each set	1455.00
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set	1765.00
8121	uPVC extruded range R2 casement window frame size (39 mm & above) x (39 mm & above)	metre	224.00
8122	uPVC extruded range R2 casement window sash/window mullion size (39 mm & above) x (60 mm & above)	metre	248.00
8125	uPVC extruded glazing bead of appropriate dimension for range R2 casement window	metre	130.00
8126	uPVC extruded range R4 casement window frame size (64 mm & above) x (50 mm & above)	metre	385.00
8127	uPVC extruded range R4 casement door frame size (64 mm & above) x (55 mm & above)	metre	440.00
8128	uPVC extruded range R4 casement window sash/window mullion/door mullion size (64 mm & above) x (70 mm & above)	metre	525.00
8129	uPVC extruded range R4 casement door sash size (64 mm & above) x (100 mm & above)	metre	630.00
8130	uPVC extruded range R4 glazing bead of appropriate dimension for casement window/ door	metre	160.00
8131	uPVC extruded glazing bead of appropriate dimension for range R2 sliding window sash	metre	76.00
8132	uPVC extruded glazing bead of appropriate dimension for range R4 of sliding window/ door sash	metre	98.00
8133	uPVC extruded range R2 2 track sliding window frame size (40 mm & above) x (40 mm & above)	metre	261.00
8134	uPVC extruded range R4 2 track sliding window/ door frame size (64 mm & above) x (45 mm & above)	metre	424.00
8135	uPVC extruded range R2 3 track sliding window frame size (70 mm & above) x (40 mm & above)	metre	430.00
8136	uPVC extruded range R4 3 track sliding window/ door frame size (115 mm & above) x (45 mm & above)	metre	628.00
8137	uPVC extruded range R2 sliding window sash size (25 mm & above) x (50 mm & above)	metre	282.00
8138	uPVC extruded range R4 sliding window sash size (44 mm & above) x (55 mm & above)	metre	345.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8139	uPVC extruded (big series) 3 track sliding window sash size 46x62 mm	metre	361.00
8140	uPVC extruded interlock of appropriate dimension for range R2 sliding sash	metre	110.00
8141	uPVC extruded range R4 interlock of appropriate dimension for sliding window/ door sash	metre	120.00
8142	uPVC extruded inline adaptor of appropriate dimension for big series sliding window/ door sash	metre	110.00
8143	uPVC extruded range R4 sliding door sash size (44 mm & above) x (85 mm & above)	metre	423.00
8144	Bamboo Mat corrugated sheets 3.5 to 4 mm thick conforming to IS 15476:2004	sqm	2891.00
8145	Bamboo Mat Ridge cap 3.5 to 4 mm thick conforming to IS 15476:2004	metre	2810.00
8146	3 mm thick Bamboo Mat Board conforming to IS 13958:1994	sqm	1713.00
8147	4 mm thick Bamboo Mat Board conforming to IS 13958:1994	sqm	1950.00
8148	6 mm thick Bamboo Mat Board conforming to IS 13958:1994	sqm	2322.00
8149	9 mm thick Bamboo Mat Board conforming to IS 13958:1994	sqm	2932.00
8150	12 mm thick Bamboo Mat Board conforming to IS 13958:1994	sqm	3373.00
8151	uPVC extruded range R1 casement window frame size (33 mm & above) x (35 mm & above)	metre	195.00
8152	uPVC extruded range R1 casement window sash/ window mullion size (33 mm & above) x (50 mm & above)	metre	295.00
8153	uPVC extruded range R1 glazing bead of appropriate dimension	metre	90.00
8154	uPVC extruded range R2 Sliding window 2.5 track frame size (65 mm & above) x (40 mm & above)	metre	338.00
8155	uPVC extruded range R2 Sliding fly screen window sash size (18 mm & above) x (40 mm & above) - for 2.5 Track frame only	metre	138.00
8156	uPVC extruded range R2 Casement french mullion size (39 mm & above) x (60 mm & above)	metre	342.00
8157	uPVC extruded range R3 2 track sliding window/door frame size (55 mm & above) x (40 mm & above)	metre	332.00
8158	uPVC extruded range R3 Sliding window 2.5 track frame size (85 mm & above) x (40 mm & above)	metre	365.00
8159	uPVC extruded range R3 3-track sliding window/door frame size (98 mm & above) x (40 mm & above)	metre	431.00
8160	uPVC extruded range R3 sliding window sash size (30 mm & above) x (55 mm & above)	metre	282.00
8161	uPVC extruded 2 track sliding door sash/ 3 track sliding door sash range R3 size (30 mm & above) x (74 mm & above)	metre	361.00
8162	uPVC extruded range R3 Sliding fly screen window sash size (20 mm & above) x (50 mm & above) - 2.5 Track frame only	metre	153.00
8163	uPVC extruded interlock/ inline adaptor of appropriate dimension for range R3 sliding window/ door sash	metre	110.00
8164	uPVC extruded glazing bead of appropriate dimension for range R3 of sliding window/ door sash	metre	90.00
8165	uPVC extruded range R3 casement window frame size (55 mm & above) x (45 mm & above)	metre	276.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8166	uPVC extruded range R3 casement door frame size (55 mm & above) x (50 mm & above)	metre	344.00
8167	uPVC extruded range R3 Casement double rebate frame size (110 mm & above) x (45 mm & above)	metre	695.00
8168	uPVC extruded range R3 casement window sash/ door fly screen sash/window mullion/door mullion size (55 mm & above) x (65 mm & above)	metre	448.00
8169	uPVC extruded range R3 casement door sash size (55 mm & above) x (85 mm & above)	metre	543.00
8170	uPVC extruded range R3 casement window fly screen sash size (30 mm & above) x (55 mm & above)	metre	236.00
8171	uPVC extruded range R3 Casement french mullion size (55 mm & above) x (60 mm & above)	metre	460.00
8172	uPVC extruded glazing bead of appropriate dimension for range R3 casement window/ door	metre	124.00
8173	uPVC extruded range R4 Casement french mullion size (64 mm & above) x (60 mm & above)	metre	495.00
8200	A.P.P. modified polymeric felt (two layers) 1.5 mm thick	sqm	90.00
8201	A.P.P. modified polymeric felt (two layers) 2 mm thick	sqm	130.00
8203	A.P.P. modified 2 mm thick membrane reinforced with glass fibre matt	sqm	120.00
8204	A.P.P. modified 3 mm thick membrane reinforced with glass fibre matt	sqm	145.00
8205	A.P.P. modified 3 mm thick membrane reinforced with polyester matt	sqm	160.00
8206	Bitumen primer for bitumen membrane	litre	95.00
8207	Geotextile 120 grams per sqm membrane	sqm	27.00
8210	Stainless steel screws 50 mm	100 Nos	320.00
8211	Stainless steel screws 40 mm	100 Nos	270.00
8212	Stainless steel screws 30 mm	100 Nos	255.00
8214	Stainless steel screws 20 mm	100 Nos	175.00
8215	Stainless steel butt hinges 125x64x1.9 mm IS : 12817 marked	10 Nos	388.00
8216	Stainless steel butt hinges 100x58x1.9 mm IS : 12817 marked	10 Nos	350.00
8217	Stainless steel butt hinges 75x47x1.8 mm IS : 12817 marked	10 Nos	225.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	170.00
8219	Stainless steel butt hinges (heavy weight) 125x64x2.5 mm IS :12817 marked	10 Nos	470.00
8220	Stainless steel butt hinges (heavy weight) 100x60x2.5 mm IS :12817 marked	10 Nos	345.00
8221	Stainless steel butt hinges (heavy weight) 75x50x2.5 mm IS :12817 marked	10 Nos	290.00
8222	M.S. heavy weight butt hinges 125x90x4.0 mm IS: 1341 marked.	10 Nos	250.00
8223	M.S. heavy weight butt hinges 100x75x3.5 mm IS: 1341 marked	10 Nos	200.00
8224	M.S. heavy weight butt hinges 75x60x3.1 mm IS: 1341 marked	10 Nos	125.00
8225	M.S. heavy weight butt hinges 50x40x2.5 mm IS : 1341 marked	10 Nos	110.00
8226	Concealed zinc coated hinges 19-20 mm thick with mounting plate	10 Nos	570.00
8227	Stainless steel fancy handle	10 Nos	1150.00
8228	Soft closing stainless steel hinges	10 Sets	1750.00
8229	Stainless steel telescopic drawer channels 500 mm long	set	595.00
8230	Stainless steel (Grade-304) basket (readymade)	kg	310.00
8231	SS sliding door bolt of size 200x16 mm	each	125.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8232	SS tower bolt (plate type) size 200x10 mm	each	93.00
8233	SS handle 125 mm	each	70.00
8234	SS 304 grade 8 mm dia CSK Phillips stainless steel self tapping screws / fasteners with PA6 grade polyamide sleeves	each	25.00
8235	Factory made foam PVC moulded/extruded profile architrave of size 30 mm x 12 mm	metre	75.00
8300	1216 mm PE-AL-PE Composite pressure pipe	metre	53.00
8301	1620 mm PE-AL-PE Composite pressure pipe	metre	67.00
8302	2025 mm PE-AL-PE Composite pressure pipe	metre	95.00
8303	2532 mm PE-AL-PE Composite pressure pipe	metre	146.00
8304	3240 mm PE-AL-PE Composite pressure pipe	metre	190.00
8305	4050 mm PE-AL-PE Composite pressure pipe	metre	328.00
8306	PPR Union 20 mm	each	38.00
8307	PPR Union 25 mm	each	51.00
8308	PPR Union 32 mm	each	100.00
8309	PPR Union 40 mm	each	198.00
8310	PPR Union 50 mm	each	366.00
8311	PPR Union 63 mm	each	458.00
8312	PPR Union 75 mm	each	1000.00
8500	Water for jetting / blowback	1000 litre	1450.00
8501	Polymer modified cementation coating	kg	170.00
8502	Fibre glass cloth	sqm	35.00
8504	Multi surface paint	litre	350.00
8505	Acrylic exterior paint	litre	170.00
8506	Premium Acrylic exterior paint	litre	250.00
8507	Textured exterior paint	litre	185.00
8508	Primer for cement paint	litre	100.00
8509	Special Primer (C.W.)	litre	180.00
8510	Metal Primer (U.G.)	litre	120.00
8511	Fibre reinforced elastomeric liquid water proofing membrane	litre	255.00
8512	Cementitious water proofing coating with elastic polymers	kg	170.00
8513	Acrylic modified resin based texture	kg	50.00
8514	40 mm long S.S screws with plastic rawl plugs	100 Nos.	50.00
8515	Galavanised MS 8 mm outer diameter M-6 dash fastener 50 mm long	each	50.00
8516	ZMB 60/equivalent	kg	130.00
8517	ZMB thinner	litre	250.00
8518	Zycoprime / equivalent	litre	170.00
8519	Zycosil / equivalent	litre	1440.00
8520	Elastobar / equivalent	kg	300.00
8552	Mineral fibre beveled tegular edged ceiling tiles 595 x595 mm,16 mm thick	sqm	920.00
8553	Mineral fibre beveled tegular edged ceiling tiles 595 x595 mm,16 mm thick with bio-block conforming to ISO 5 (class 100) specifications.	sqm	1020.00
8554	Mineral fiber beveled tegular edged ceiling tiles 595 x595 mm,20 mm thick.	sqm	1170.00
8555	G.I main runner 15 x32 mm of 3000 mm length, 0.33 mm thick	each	142.00
8556	G.I cross-T 15 x32 mm of 1200 mm length, 0.33 mm thick	each	57.00
8557	G.I cross-T 15 x32 mm of 600 mm length, 0.33 mm thick	each	29.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8558	G.I hanger rod 6 mm dia fully threaded upto 1000 mm length	each	17.00
8559	Stainless steel U Channel of size (50x25x2 mm)	metre	176.00
8560	Non staining water resistant clear silicon	metre	80.00
8561	Extruded polystyrene rigid insulation board 50 mm thick	sqm	610.00
8562	Expanded Polystyrene insulation board 120 mm thick conforming to IS 4671-1984, Fire retardant property self-extinguishing type as per EN 13501-1	sqm	880.00
8563	15 mm thick, light weight, integral densified micro look edged,false ceiling tiles of size 595x595 mm.	sqm	925.00
8564	15 mm thick, light weight,fully perforated square/butt edge integral densified,false ceiling tiles of size 595x595 mm.	sqm	905.00
8565	Galavanised MS hanger rod 6 mm dia MS fully threaded up to 1000 mm length	each	17.00
8566	Powder coated steel section main-T ceiling sections 15x42x0.40 mm (3000 mm long)	each	296.00
8567	Galvanized mild steel perimeter wall angle 22x19x0.40 mm (3000 mm long)	each	131.00
8568	Powder coated Galvanised Iron intermediate cross-T section 15x42x0.40 mm (1200 mm long)	each	120.00
8569	Powder coated Galvanized Iron intermediate cross-T section 15x42x0.40 mm (600 mm long)	each	60.00
8570	GI Main T ceiling section 30x25x0.3 mm (3 metre long)	each	240.00
8571	GI Perimeter wall angle 25x25x0.4 mm (3 metre long)	each	200.00
8572	GI Intermediate cross T section 25x25x0.3 mm (1.2 metre long)	each	90.00
8573	GI Intermediate cross T section 25x25x0.3 mm (0.6 metre long)	each	45.00
8576	Powder coated Galvanized Iron intermediate cross-T section wire diameter 3.00 mm).	sqm	230.00
8577	Crates made of Mesh type 10x12 (D=100 mm) Zn+PVC coated. Mesh wire diameter 2.70/3.70 mm (ID/OD).	sqm	280.00
8578	Crates made of Mesh type 10x12 (D=100 mm) Zn+10% Al alloy +PVC coated. Mesh wire diameter 2.70/3.70 mm (ID/OD).	sqm	320.00
8579	Cold form light gauge Steel C-section of thickness 0.75 mm i/c zink coating/sliting etc.	kg	160.00
8580	Wastage of cold form light gauge steel	kg	22.00
8581	12 mm thick micro tegular edged semi perforated GRG (Glass Fibre Reinforced Gypsum) false celing tiles of size 595x595 mm	sqm	605.00
8582	12 mm thick micro tegular edged fully perforated GRG (Glass Fibre Reinforced Gypsum) false celing tiles of size 595x595 mm	sqm	642.00
8583	10 mm thick square edge fully perforated GRG(Glass Fibre Reinforced Gypsum) false celing tiles of size 595x595 mm	sqm	764.00
8588	Galavanised MS hanger rod 6 mm dia MS fully threaded up to 1000 mm length	each	17.00
8589	Calcium Silicate tegular edged celling tiles 595x595 mm and 15 mm thick on edges	sqm	822.00
8590	Galvanised Steel main Tee ceiling section size 24x38x0.33 mm (3 metre long)	each	167.00
8591	Galvanised Steel perimeter wall Angle size 24 x 24 x 0.40 mm (3.00 metre long)	each	114.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8592	Galvanised Steel intermediate cross T section size 24 x 25 x 0.33 mm (1.2 metre long)	each	54.00
8593	Galvanised Steel intermediate cross T section size 24 x 25 x 0.33 mm (0.6 metre long)	each	27.00
8594	Galvanised Steel soffit cleat size 25x35x1.60 mm	each	5.50
8595	Wooden screws with plastic rawl plugs 35x8 mm	each	1.50
8596	Galvanised MS 8 mm outer diameter M-6 dash fastener 25 mm long	each	15.00
8597	GI Metal Tile Clip in Plain Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick	sqm	793.00
8598	GI Metal Tile Clip in Perforated Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick	sqm	882.00
8599	GI Metal Tile Lay-in Plain Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick	sqm	701.00
8600	GI Metal Tile Lay-in Perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick	sqm	812.00
8601	PVC Laminated Gypsum Tiles (Square edge) of size 595x595 mm and 12.5 mm thick	sqm	910.00
8602	Gypsum Tiles Fully Perforated Square edge of size 595x595 mm and 12.5 mm thick	sqm	450.00
8604	Spring T-section 24x34x0.45 mm (3.00 metre long)	metre	240.00
8605	C Wall angle section 20x30x20x0.50 mm (3.00 metre long)	metre	115.00
8606	Main C Carrier size 10x38x10x0.70 mm (3.00 metre long)	metre	135.00
8607	Spring T-connector	each	6.00
8608	C Carrier Connector	each	13.00
8609	C Suspension Clip	each	11.00
8610	Wire Coupling Clip	each	11.00
8611	Main T ceiling sections 24x38x0.3 mm (3 metre long)	each	141.00
8612	Perimeter wall angle 24 x 24 x 0.3 mm (3 metre long)	each	87.00
8613	Intermediate cross T-Section 24x25x0.3 mm (1.2 m long)	each	44.00
8614	Intermediate cross T-Section 24x25x0.3 mm (0.6 m long)	each	22.00
8615	Hanger rod 4 mm thick	each	11.00
8616	Adjustment clip 85x30x0.8 mm	each	7.00
8617	Soffit cleat (Size 27x37x25x1.60 mm)	each	6.00
8618	Dash fastener 6 mm dia 50 mm long	each	13.00
8619	Galavanised MS L-shape level adjuster of size 85x25x2 mm	each	18.00
8620	Vitrified floor tile 50x50 cm conforming to IS 15622:2006 group (B1a)	sqm	530.00
8621	Vitrified floor tile 60x60 cm conforming to IS 15622:2006 group (B1a)	sqm	550.00
8622	Vitrified floor tile 80x80 cm conforming to IS 15622:2006 group (B1a)	sqm	780.00
8623	Vitrified floor tile 100x100 cm conforming to IS 15622:2006 group (B1a)	sqm	920.00
8624	Border tiles 200x75 mm size	each	20.00
8626	Poly propylene- Random - Co - Polymer (PPR) pipes PN-16 (SDR 7.4) - 20 mm Outer dia	metre	35.00
8627	Poly propylene- Random - Co - Polymer (PPR) pipes PN-16 (SDR 7.4) - 25 mm Outer dia	metre	50.00
8628	Poly propylene- Random - Co - Polymer (PPR) pipes PN-16 (SDR 7.4) - 32 mm Outer dia	metre	80.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8629	Poly propylene- Random - Co - Polymer (PPR) pipes PN-16 (SDR 7.4) - 40 mm Outer dia	metre	130.00
8630	Poly propylene- Random - Co - Polymer (PPR) pipes PN-10 (SDR 11) - 50 mm Outer dia	metre	151.00
8631	Poly propylene- Random - Co - Polymer (PPR) pipes PN-10 (SDR 11) - 63 mm Outer dia	metre	210.00
8632	Poly propylene- Random - Co - Polymer (PPR) pipes PN-10 (SDR 11) - 75 mm Outer dia	metre	268.00
8633	Poly propylene- Random - Co - Polymer (PPR) pipes PN-10 (SDR 11) - 90 mm Outer dia	metre	386.00
8634	Poly propylene- Random - Co - Polymer (PPR) pipes PN-10 (SDR 11) - 110 mm Outer dia	metre	577.00
8635	Poly propylene- Random - Co - Polymer (PPR) pipes PN-10 (SDR 11) - 160 mm Outer dia	metre	1324.00
8636	Chlorinated Polyvinyl - chloride (CPVC) pipe 15 mm nominal dia	metre	43.00
8637	Chlorinated Polyvinyl - chloride (CPVC) pipe 20 mm nominal dia	metre	59.00
8638	Chlorinated Polyvinyl - chloride (CPVC) pipe 25 mm nominal dia	metre	95.00
8639	Chlorinated Polyvinyl - chloride (CPVC) pipe 32 mm nominal dia	metre	140.00
8640	Chlorinated Polyvinyl - chloride (CPVC) pipe 40 mm nominal dia	metre	200.00
8641	Chlorinated Polyvinyl - chloride (CPVC) pipe 50 mm nominal dia	metre	325.00
8642	Chlorinated Polyvinyl - chloride (CPVC) pipe 65 mm nominal dia	metre	776.00
8643	Chlorinated Polyvinyl - chloride (CPVC) pipe 80 mm nominal dia	metre	1042.00
8644	Chlorinated Polyvinyl - chloride (CPVC) pipe 100 mm nominal dia	metre	1598.00
8645	Chlorinated Polyvinyl - chloride (CPVC) pipe 150 mm nominal dia	metre	3426.00
8646	Weather Silicon sealant	cartridge	125.00
8647	Stainless steel screws 30 mm x4 mm	100 Nos	42.00
8648	Hermetically sealed double glazed unit made with 6 mm thick clear float glass both side having 12 mm air gap	sqm	2600.00
8649	Stainless steel (SS 304 grade) adjustable friction window stay 205 x 19 mm	each	218.00
8650	Stainless steel (SS 304 grade) adjustable friction window stay 255 x 19 mm	each	248.00
8651	Stainless steel (SS 304 grade) adjustable friction window stay 355 x 19 mm	each	205.00
8652	Stainless steel (SS 304 grade) adjustable friction window stay 510 x 19 mm	each	540.00
8653	Stainless steel (SS 304 grade) adjustable friction window stay 710 x 19 mm	each	1015.00
8654	Masking tape	metre	2.00
8655	Autoclaved aerated cement (AAC) blocks	cum	2915.00
8656	Gypsum panel 666 X 500 X 100 mm size	sqm	528.00
8657	Bonding plaster for Gypsum panel	kg	28.00
8658	Precast C&D waste concrete block	1000 Nos	30100.00
8659	Water proof ply 12 mm thick	sqm	578.00
8660	Aluminium casement window fastener (Anodised AC 15)	each	55.00
8661	Aluminium casement window fastener (powder coated)	each	61.00
8662	Aluminium casement window fastener (polyester powder coated)	each	59.00
8663	Aluminium round shape handle (anodised AC 15) outer dia 100 mm	each	68.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8664	Aluminium round shape handle (powder coated) outer dia 100 mm	each	69.00
8665	Aluminium round shape handle (polyester powder coated) outer dia 100 mm	each	71.00
8666	Stainless steel screws 25 mm x4 mm	100 Nos	46.00
8667	UV stabilised 2 mm thick plain FRP sheet	sqm	504.00
8668	UV stabilised 2 mm thick corrugated FRP sheet	sqm	588.00
8669	Mangalore ridge tiles 20 mm thick	each	10.00
8670	Mangalore tiles 20 mm thick	each	10.00
8671	Precoated galvanised iron profile sheet 0.50 mm TCT	sqm	380.00
8672	Precoated galvanised steel plain ridges 0.50 mm TCT and 500-600 mm wide	metre	248.00
8673	Precoated galvanised steel flashings/aprons 0.50 mm TCT and upto 600 mm wide	metre	259.00
8674	Precoated galvanised steel gutter 600 mm overall girth	metre	484.00
8675	Precoated galvanised steel north light curves	metre	264.00
8676	Precoated galvanised steel barge board (upto 300 mm)	metre	253.00
8677	Precoated galvanised steel crimp curve	sqm	259.00
8678	1 mm thick 35 mm wide bright finished stainless steel piano hinges	metre	52.00
8682	Epoxy Grout	kg	418.00
8683	Red sand stone gang saw cut 30 mm thick	sqm	524.00
8684	White sand stone gang saw cut 30 mm thick	sqm	616.00
8685	Delineator	each	370.00
8686	Precast C.C. Kerb stone M - 25 (including carriage)	cum	6160.00
8687	Thermoplastic paint	kg	73.00
8688	Glass beads	kg	77.50
8689	Interlocking C.C. paver block (60 mm thick, M-30) (including carriage)	sqm	400.00
8690	High intensity retro - reflective sheet as per IRC 67-2001	sqm	1345.00
8691	Punched tape concertina coil 600 mm dia 10 m openable length (Total length 90 m)	bundle	720.00
8692	RBT reinforced barbed wire	metre	8.00
8693	Turn buckle and strengthening bolt	each set	46.00
8694	Precast pavement slab 450 x 450 x 50 mm (M - 30)	each	160.00
8695	Chain link fabric fencing mesh of size 50x50 mm made of G.I. wire of dia 4 mm	sqm	330.00
8696	Chain link fabric fencing mesh of size 50x50 mm made of G.I. wire of dia 4 mm, PVC coated to outer dia 5 mm	sqm	363.00
8697	Chain link fabric fencing mesh of size 25x25 mm made of G.I. wire of dia 3 mm	sqm	418.00
8698	Stainless steel cramps(weight 260 grams) with nuts, bolts and washer for dry stone cladding	each	127.00
8699	8 mm thick tapered edge calcium silicate board	sqm	297.00
8700	10 mm thick calcium silicate board	sqm	462.00
8701	SS pipe 304 grades with press fit technology as per JIS 3448 standard 48.60 mm outer dia	metre	678.00
8702	Coupling/Socket fittings for 15.88 mm outer dia SS pipe	each	66.00
8703	Telescopic drawer channels 300 mm long	set	264.00
8704	Stainless steel roller for sliding arrangement in racks/ cupboards/ cabinets shutter	each	12.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8705	50 mmX42 mmX2 mm thick Factory made door frame of PVC extruded sections in white, grey or wooden finish	metre	183.00
8706	25 mm thick factory made PVC flush door shutter i/c carriage	sqm	1870.00
8707	Factory made glass reinforced plastic door frame 90x45 mm i/c carriage	metre	350.00
8708	30 mm thick factory made glass fiber reinforced plastic panel door shutter i/c carriage	sqm	2290.00
8709	30 mm thick factory made solid PVC profile panelled door single piece extruded profile decorative finish (wood grain printed on both side)	sqm	2150.00
8710	Factory made solid PVC door frame 60 x 30 mm i/c carriage	metre	325.00
8711	20 mm factory made solid PVC panel door shutter i/c carriage	sqm	2010.00
8712	30 mm thick factory made solid PVC profile panelled door single piece extruded profile non decorative finish	sqm	1880.00
8713	Fiber glass reinforced plastic chajja	sqm	2950.00
8714	Magnetic catcher triple strip vertical type	each	31.00
8715	Magnetic catcher double strip horizontal type	each	22.00
8716	100 mm mortice lock with 6 levers for aluminium door	each	475.00
8717	Solid PVC foam door shutter with style and rails of minimum 70 mm x 28 mm and 3 mm thick high pressure laminate panel insert of approved colour and shade (as per standard specification of manufacturer)	sqm	2530.00
8719	2nd class teak wood moulded beading or Taj beading/ornamental beading of size 18X5 mm	metre	33.00
8720	Ceiling sections 0.55 mm thick having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm	metre	42.00
8721	Perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm	metre	25.00
8722	Nylon sleeves & wooden screws (40 mm)	each	3.00
8723	Counter sunk ribbed head screw 25 mm	100 Nos	84.00
8724	12 mm thick marine plywood conforming to IS: 710	sqm	785.00
8725	12 mm thick fire retardant plywood conforming to IS: 5509	sqm	954.00
8726	1.5 mm thick decorative laminated sheet	sqm	418.00
8727	1.0 mm thick decorative laminated sheet	sqm	323.00
8730	30 mm thick factory made glass fiber reinforced plastic flush door shutter i/c carriage	sqm	2830.00
8731	High polymer modified quickset tile adhesive	kg	10.00
8732	Synthetic ployster triangular fibre of length 12 mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40	kg	395.50
8733	Synthetic ployster triangular fibre of length 6 mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40	kg	440.50
8734	P.V.C. Single piece extruded door frame of profile size 50 mm x 47 mm with wall thickness of 5 mm	metre	292.00
8735	35 mm thick factory made solid panel PVC door shutter of single piece extruded profile non decorative finished (Matt finished)	sqm	2475.00
8736	35 mm thick factory made solid panel PVC door shutter of single piece extruded profile decorative finished (wood grain finished)	sqm	2978.00
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	445.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8738	Factory made door frame fire rated (60 minutes) made with 16 SWG G.I. Sheet of section 143 mm x 57 mm duly filled with vermiculite based concrete mix	metre	1168.00
8739	Fire rated door shutter made with 16 SWG G.I. sheet (60 minutes) without panel	sqm	5172.00
8740	Fire seal Putty	kg	334.00
8741	Clear fire resistant glass panes 6 mm thick (60 minutes)	sqm	23650.00
8742	G.I. U beading of 16 SWG G.I. sheet (zinc coating >120gm/ m ²) with ceramic tape of suitable thickness and fire resistant primer coating	metre	333.00
8743	Matrix Mineral Board	metre	74.00
8744	Panic Bar / latch (Double point)	each	5720.00
8745	65 mm x 55 mm x 2 mm thick Factory made door frame of PVC extruded section in white, grey or wooden finish	metre	388.00
8746	37 mm thick Factory made shutter with style,rails and panels of PVC extruded section in white or grey finish i/c carriage	sqm	2578.00
8747	75 mm x 53 mm x 2.0 mm thick Factory made door frame of PVC extruded section in white, grey or wooden finish	metre	487.00
8748	37 mm thick Factory made fusion welded shutter with style, rails and panels of PVC extruded section in wooden finish	sqm	2779.00
8749	Zinc alloy (white powder coated) touch lock with hook for wire mesh shutter	each	153.00
8750	Zinc alloy (white powder coated) casement handle for uPVC window/ door	each	150.00
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window/door	each	131.00
8752	Zinc alloy/ SS 304 body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	69.00
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding door/window	each	118.00
8754	Zinc alloy (white powder coated) crescent lock for uPVC sliding door/ window	each	127.00
8755	Stainless steel friction hinge of size 200 mm x 19 x 1.9 mm for uPVC windows	each	244.00
8756	Stainless steel friction hinge of size 250 mm x 19 x 1.9 mm for uPVC windows	each	273.00
8757	Stainless steel friction hinges (SS-304 grade) size 300 x 19 x 1.9 mm for uPVC window	each	299.00
8758	Stainless steel friction hinges (SS-304 grade) size 350 x 19 x 1.9 mm for uPVC window	each	415.00
8759	Stainless steel friction hinges (SS-304 grade) size 400 x 19 x 1.9 mm for uPVC window	each	405.00
8760	Glass panes of required thickness having 60 minutes of fire resistance both integrity and radiation control (EI 60) and minimum 20 minutes of insulation (EI 20)	sqm	23900.00
8761	Scaffolding net made of high density polyethylene UV stabilized having density 100 gm/sqm	sqm	24.00
8772	Aluminium Track on bottom rail for uPVC window	metre	40.00
8773	Wool pile/ weather pile strip for uPVC sliding window	metre	22.00
8774	Aluminium Grill as per IS 1868	kg	294.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8775	Steel Galvanised tubular reinforcement for uPVC door/ window	metre	65.00
8776	Stainless steel dash fastener of 8 mm dia and 75 mm long bolt	each	19.00
8777	GI Fastener 100x8 mm	each	17.00
8778	Toughened glass 12 mm thickness	sqm	1925.00
8779	SS pipe 304 grades with press fit technology as per JIS 3448 standard 15.88 mm outer dia	metre	155.00
8780	SS pipe 304 grades with press fit technology as per JIS 3448 standard 22.22 mm outer dia	metre	275.00
8781	SS pipe 304 grades with press fit technology as per JIS 3448 standard 28.58 mm outer dia	metre	345.00
8782	SS pipe 304 grades with press fit technology as per JIS 3448 standard 34.00 mm outer dia	metre	485.00
8783	SS pipe 304 grades with press fit technology as per JIS 3448 standard 42.70 mm outer dia	metre	505.00
8784	8 mm thick Calcium silicate perforated tiles of size 595 x595 mm	sqm	625.00
8785	Coloured C.C. inter locking paver Block (80 mm thick, M-35) (including carriage)	sqm	484.00
8786	Coupling/Socket fittings for 22.22 mm outer dia SS pipe	each	80.00
8787	Coupling/Socket fittings for 28.58 mm outer dia SS pipe	each	110.00
8788	Coupling/Socket fittings for 34.00 mm outer dia SS pipe	each	150.00
8789	Coupling/Socket fittings for 42.70 mm outer dia SS pipe	each	180.00
8790	Coupling/Socket fittings for 48.60 mm outer dia SS pipe	each	205.00
8791	Reducer for 22.22 mm X 15.88 mm outer dia SS pipe	each	98.00
8792	Reducer for 28.58 mm X 15.88 mm outer dia SS pipe	each	131.00
8793	Reducer for 28.58 mm X 22.22 mm outer dia SS pipe	each	133.00
8794	Reducer for 34.00 mm X 15.88 mm outer dia SS pipe	each	220.00
8795	Reducer for 34.00 mm X 22.22 mm outer dia SS pipe	each	230.00
8796	Reducer for 34.00 mm X 28.58 mm outer dia SS pipe	each	230.00
8797	Reducer for 42.70 mm X 15.88 mm outer dia SS pipe	each	364.00
8798	Reducer for 42.70 mm X 22.22 mm outer dia SS pipe	each	372.00
8799	Reducer for 42.70 mm X 28.58 mm outer dia SS pipe	each	426.00
8800	Reducer for 42.70 mm X 34.00 mm outer dia SS pipe	each	452.00
8801	Reducer for 48.60 mm X 15.88 mm outer dia SS pipe	each	452.00
8802	Reducer for 48.60 mm X 22.22 mm outer dia SS pipe	each	452.00
8803	Reducer for 48.60 mm X 28.58 mm outer dia SS pipe	each	452.00
8804	Reducer for 48.60 mm X 34.00 mm outer dia SS pipe	each	467.00
8805	Reducer for 48.60 mm X 42.70 mm outer dia SS pipe	each	469.00
8806	Slip Coupling / Socket 15.88 mm outer dia SS pipe	each	65.00
8807	Slip Coupling / Socket 22.22 mm outer dia SS pipe	each	80.00
8808	Slip Coupling / Socket 28.58 mm outer dia SS pipe	each	110.00
8809	Slip Coupling / Socket 34.00 mm outer dia SS pipe	each	155.00
8810	Slip Coupling / Socket 42.70 mm outer dia SS pipe	each	180.00
8811	Slip Coupling / Socket 48.60 mm outer dia SS pipe	each	195.00
8812	Elbow 90° for 15.88 mm outer dia SS pipe	each	70.00
8813	Elbow 90° for 22.22 mm outer dia SS pipe	each	80.00
8814	Elbow 90° for 28.58 mm outer dia SS pipe	each	115.00
8815	Elbow 90° for 34.00 mm outer dia SS pipe	each	144.00
8816	Elbow 90° for 42.70 mm outer dia SS pipe	each	156.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8817	Elbow 90° for 48.60 mm outer dia SS pipe	each	192.00
8818	Reducing Elbow 90° for 22.22 mm X 15.88 mm outer dia SS pipe	each	157.00
8819	Reducing Elbow 90° for 28.58 mm X 15.88 mm outer dia SS pipe	each	214.00
8820	Reducing Elbow 90° for 28.58 mm X 22.22 mm outer dia SS pipe	each	224.00
8821	Reducing Elbow 90° for 34.00 mm X 22.22 mm outer dia SS pipe	each	300.00
8822	Reducing Elbow 90° for 34.00 mm X 28.58 mm outer dia SS pipe	each	360.00
8823	Reducing Elbow 90° for 42.70 mm X 34.00 mm outer dia SS pipe	each	390.00
8824	Equal Tee for 15.88 mm outer dia SS pipe	each	139.00
8825	Equal Tee for 22.22 mm outer dia SS pipe	each	211.00
8826	Equal Tee for 28.58 mm outer dia SS pipe	each	328.00
8827	Equal Tee for 34.00 mm outer dia SS pipe	each	484.00
8828	Equal Tee for 42.70 mm outer dia SS pipe	each	765.00
8829	Equal Tee for 48.60 mm outer dia SS pipe	each	1005.00
8830	Reducing Tee for 22.22 mm X 15.88 mm outer dia SS pipe	each	189.00
8831	Reducing Tee for 28.58 mm X 15.88 mm outer dia SS pipe	each	251.00
8832	Reducing Tee for 28.58 mm X 22.22 mm outer dia SS pipe	each	255.00
8833	Reducing Tee for 34.00 mm X 15.88 mm outer dia SS pipe	each	445.00
8834	Reducing Tee for 34.00 mm X 22.22 mm outer dia SS pipe	each	460.00
8835	Reducing Tee for 34.00 mm X 28.58 mm outer dia SS pipe	each	475.00
8836	Reducing Tee for 42.70 mm X 15.88 mm outer dia SS pipe	each	735.00
8837	Reducing Tee for 42.70 mm X 22.22 mm outer dia SS pipe	each	750.00
8838	Reducing Tee for 42.70 mm X 28.58 mm outer dia SS pipe	each	770.00
8839	Reducing Tee for 42.70 mm X 34.00 mm outer dia SS pipe	each	790.00
8840	Reducing Tee for 48.60 mm X 15.88 mm outer dia SS pipe	each	900.00
8841	Reducing Tee for 48.60 mm X 22.22 mm outer dia SS pipe	each	911.00
8842	Reducing Tee for 48.60 mm X 28.58 mm outer dia SS pipe	each	928.00
8843	Reducing Tee for 48.60 mm X 34.00 mm outer dia SS pipe	each	965.00
8844	Reducing Tee for 48.60 mm X 42.70 mm outer dia SS pipe	each	985.00
8845	Stainless steel Male thread Tee for 15.88 mm outer dia X 15 mm nominal dia threaded	each	205.00
8846	Stainless steel Male thread Tee for 22.22 mm outer dia X 15 mm nominal dia threaded	each	235.00
8847	Stainless steel Male thread Tee for 22.22 mm outer dia X 20 mm nominal dia threaded	each	250.00
8848	Stainless steel Male thread Tee for 28.58 mm outer dia X 15 mm nominal dia threaded	each	315.00
8849	Stainless steel Male thread Tee for 28.58 mm outer dia X 20 mm nominal dia threaded	each	325.00
8850	Stainless steel Male thread Tee for 28.58 mm outer dia X 25 mm nominal dia threaded	each	335.00
8851	Stainless steel Male thread Tee for 34.00 mm outer dia X 15 mm nominal dia threaded	each	465.00
8852	Stainless steel Male thread Tee for 34.00 mm outer dia X 20 mm nominal dia threaded	each	475.00
8853	Stainless steel Male thread Tee for 34.00 mm outer dia X 25 mm nominal dia threaded	each	495.00
8854	Stainless steel Male thread Tee for 34.00 mm outer dia X 32 mm nominal dia threaded	each	515.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8855	Stainless steel Male thread Tee for 42.70 mm outer dia X 15 mm nominal dia threaded	each	710.00
8856	Stainless steel Male thread Tee for 42.70 mm outer dia X 20 mm nominal dia threaded	each	725.00
8857	Stainless steel Male thread Tee for 42.70 mm outer dia X 25 mm nominal dia threaded	each	765.00
8858	Stainless steel Male thread Tee for 42.70 mm outer dia X 32 mm nominal dia threaded	each	795.00
8859	Stainless steel Male thread Tee for 42.70 mm outer dia X 40 mm nominal dia threaded	each	825.00
8860	Stainless steel Male thread Tee for 48.60 mm outer dia X 15 mm nominal dia threaded	each	995.00
8861	Stainless steel Male thread Tee for 48.60 mm outer dia X 20 mm nominal dia threaded	each	1014.00
8862	Stainless steel Male thread Tee for 48.60 mm outer dia X 25 mm nominal dia threaded	each	1025.00
8863	Stainless steel Male thread Tee for 48.60 mm outer dia X 32 mm nominal dia threaded	each	1050.00
8864	Stainless steel Male thread Tee for 48.60 mm outer dia X 40 mm nominal dia threaded	each	1080.00
8865	Stainless steel Male thread Tee for 48.60 mm outer dia X 50 mm nominal dia threaded	each	1115.00
8866	Stainless steel Female thread Tee for 15.88 mm outer dia X 15 mm nominal dia threaded	each	195.00
8867	Stainless steel Female thread Tee for 22.22 mm outer dia X 15 mm nominal dia threaded	each	215.00
8868	Stainless steel Female thread Tee for 22.22 mm outer dia X 20 mm nominal dia threaded	each	225.00
8869	Stainless steel Female thread Tee for 28.58 mm outer dia X 15 mm nominal dia threaded	each	285.00
8870	Stainless steel Female thread Tee for 28.58 mm outer dia X 20 mm nominal dia threaded	each	295.00
8871	Stainless steel Female thread Tee for 28.58 mm outer dia X 25 mm nominal dia threaded	each	305.00
8872	Stainless steel Female thread Tee for 34.00 mm outer dia X 15 mm nominal dia threaded	each	455.00
8873	Stainless steel Female thread Tee for 34.00 mm outer dia X 20 mm nominal dia threaded	each	485.00
8874	Stainless steel Female thread Tee for 34.00 mm outer dia X 25 mm nominal dia threaded	each	515.00
8875	Stainless steel Female thread Tee for 34.00 mm outer dia X 32 mm nominal dia threaded	each	545.00
8876	Stainless steel Female thread Tee for 42.70 mm outer dia X 15 mm nominal dia threaded	each	700.00
8877	Stainless steel Female thread Tee for 42.70 mm outer dia X 20 mm nominal dia threaded	each	710.00
8878	Stainless steel Female thread Tee for 42.70 mm outer dia X 25 mm nominal dia threaded	each	730.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8879	Stainless steel Female thread Tee for 42.70 mm outer dia X 32 mm nominal dia threaded	each	750.00
8880	Stainless steel Female thread Tee for 42.70 mm outer dia X 40 mm nominal dia threaded	each	805.00
8881	Stainless steel Female thread Tee for 48.60 mm outer dia X 15 mm nominal dia threaded	each	905.00
8882	Stainless steel Female thread Tee for 48.60 mm outer dia X 20 mm nominal dia threaded	each	915.00
8883	Stainless steel Female thread Tee for 48.60 mm outer dia X 25 mm nominal dia threaded	each	930.00
8884	Stainless steel Female thread Tee for 48.60 mm outer dia X 32 mm nominal dia threaded	each	980.00
8885	Stainless steel Female thread Tee for 48.60 mm outer dia X 40 mm nominal dia threaded	each	1005.00
8886	Stainless steel Female thread Tee for 48.60 mm outer dia X 50 mm nominal dia threaded	each	1085.00
8887	Stainless steel Female threaded Connector/Adapter for 15.88 mm outer dia X 15 mm nominal threaded	each	186.00
8888	Stainless steel Female threaded Connector/Adapter for 22.22 mm outer dia X 15 mm nominal threaded	each	205.00
8889	Stainless steel Female threaded Connector/Adapter for 22.22 mm outer dia X 20 mm nominal threaded	each	237.00
8890	Stainless steel Female threaded Connector/Adapter for 28.58 mm outer dia X 15 mm nominal threaded	each	277.00
8891	Stainless steel Female threaded Connector/Adapter for 28.58 mm outer dia X 20 mm nominal threaded	each	290.00
8892	Stainless steel Female threaded Connector/Adapter for 28.58 mm outer dia X 25 mm nominal threaded	each	355.00
8893	Stainless steel Female threaded Connector/Adapter for 34.00 mm outer dia X 25 mm nominal threaded	each	450.00
8894	Stainless steel Female threaded Connector/Adapter for 34.00 mm outer dia X 32 mm nominal threaded	each	540.00
8895	Stainless steel Female threaded Connector/Adapter for 42.70 mm outer dia X 32 mm nominal threaded	each	670.00
8896	Stainless steel Female threaded Connector/Adapter for 42.70 mm outer dia X 40 mm nominal threaded	each	705.00
8897	Stainless steel Female threaded Connector/Adapter for 48.60 mm outer dia X 40 mm nominal threaded	each	905.00
8898	Stainless steel Female threaded Connector/Adapter for 48.60 mm outer dia X 50 mm nominal threaded	each	975.00
8899	Stainless steel Male threaded Connector/Adapter for 15.88 mm outer dia X 15 mm nominal threaded	each	176.00
8900	Stainless steel Male threaded Connector/Adapter for 22.22 mm outer dia X 15 mm nominal threaded	each	189.00
8901	Stainless steel Male threaded Connector/Adapter for 22.22 mm outer dia X 20 mm nominal threaded	each	211.00
8902	Stainless steel Male threaded Connector/Adapter for 28.58 mm outer dia X 20 mm nominal threaded	each	322.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8903	Stainless steel Male threaded Connector/Adapter for 28.58 mm outer dia X 25 mm nominal threaded	each	324.00
8904	Stainless steel Male threaded Connector/Adapter for 34.00 mm outer dia X 25 mm nominal threaded	each	475.00
8905	Stainless steel Male threaded Connector/Adapter for 34.00 mm outer dia X 32 mm nominal threaded	each	565.00
8906	Stainless steel Male threaded Connector/Adapter for 42.70 mm outer dia X 32 mm nominal threaded	each	715.00
8907	Stainless steel Male threaded Connector/Adapter for 42.70 mm outer dia X 40 mm nominal threaded	each	730.00
8908	Stainless steel Male threaded Connector/Adapter for 48.60 mm outer dia X 40 mm nominal threaded	each	935.00
8909	Stainless steel Male threaded Connector/Adapter for 48.60 mm outer dia X 50 mm nominal threaded	each	1140.00
8910	Stainless steel Valve Connector for 15.88 mm outer dia X 15 mm nominal dia threaded	each	223.00
8911	Stainless steel Valve Connector for 22.22 mm outer dia X 15 mm nominal dia threaded	each	256.00
8912	Stainless steel Valve Connector for 22.22 mm outer dia X 20 mm nominal dia threaded	each	278.00
8913	Stainless steel Valve Connector for 28.58 mm outer dia X 25 mm nominal dia threaded	each	425.00
8914	Stainless steel Valve Connector for 34.00 mm outer dia X 32 mm nominal dia threaded	each	645.00
8915	Stainless steel Valve Connector for 42.70 mm outer dia X 40 mm nominal dia threaded	each	913.00
8916	Stainless steel Valve Connector for 48.60 mm outer dia X 50 mm nominal dia threaded	each	1235.00
8917	SS Female Threaded Elbow 90° for 15.88 mm outer dia X 15 mm nominal dia threaded	each	190.00
8918	Stainless steel Female Threaded Elbow 90° for 22.22 mm outer dia X 15 mm nominal dia threaded	each	215.00
8919	Stainless steel Female Threaded Elbow 90° for 22.22 mm outer dia X 20 mm nominal dia threaded	each	240.00
8920	Stainless steel Female Threaded Elbow 90° for 28.58 mm outer dia X 25 mm nominal dia threaded	each	260.00
8921	Stainless steel Female Threaded Elbow 90° for 34.00 mm outer dia X 32 mm nominal dia threaded	each	335.00
8922	Stainless steel Female Threaded Elbow 90° for 42.70 mm outer dia X 32 mm nominal dia threaded	each	530.00
8923	Stainless steel Female Threaded Elbow 90° for 42.70 mm outer dia X 40 mm nominal dia threaded	each	530.00
8924	Stainless steel Female Threaded Elbow 90° for 48.60 mm outer dia X 40 mm nominal dia threaded	each	790.00
8925	Stainless steel Female Threaded Elbow 90° for 48.60 mm outer dia X 50 mm nominal dia threaded	each	790.00
8926	Stainless steel Male Threaded Elbow 90° for 15.88 mm outer dia X 15 mm nominal dia threaded	each	229.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8927	Stainless steel Male Threaded Elbow 90° for 22.22 mm outer dia X15 mm nominal dia threaded	each	250.00
8928	Stainless steel Male Threaded Elbow 90° for 22.22 mm outer dia X20 mm nominal dia threaded	each	265.00
8929	Stainless steel Male Threaded Elbow 90° for 28.58 mm outer dia X25 mm nominal dia threaded	each	285.00
8930	Stainless steel Male Threaded Elbow 90° for 34.00 mm outer dia X25 mm nominal dia threaded	each	315.00
8931	Stainless steel Male Threaded Elbow 90° for 34.00 mm outer dia X32 mm nominal dia threaded	each	315.00
8932	Stainless steel Male Threaded Elbow 90° for 42.70 mm outer dia X32 mm nominal dia threaded	each	480.00
8933	Stainless steel Male Threaded Elbow 90° for 42.70 mm outer dia X40 mm nominal dia threaded	each	530.00
8934	Stainless steel Male Threaded Elbow 90° for 48.60 mm outer dia X40 mm nominal dia threaded	each	765.00
8935	Stainless steel Male Threaded Elbow 90° for 48.60 mm outer dia X50 mm nominal dia threaded	each	835.00
8936	Stainless steel Cap for 15.88 mm outer dia pipe	each	41.00
8937	Stainless steel Cap for 22.22 mm outer dia pipe	each	60.00
8938	Stainless steel Cap for 28.58 mm outer dia pipe	each	86.00
8939	Stainless steel Cap for 34.00 mm outer dia pipe	each	165.00
8940	Stainless steel Cap for 42.70 mm outer dia pipe	each	241.00
8941	Stainless steel Cap for 48.60 mm outer dia pipe	each	300.00
8942	Stainless steel Pipe Bridge for 15.88 mm outer dia pipe	each	96.00
8943	Stainless steel Pipe Bridge for 22.22 mm outer dia pipe	each	169.00
8944	Stainless steel Pipe Bridge for 28.58 mm outer dia pipe	each	272.00
8945	4 Point facade glass bracket without flat head bolts	each	3650.00
8946	2 Point facade glass bracket (wall mounted with out flat head bolt)	each	1825.00
8947	1 Point facade glass bracket (wall mounted with out flat head bolt)	each	1430.00
8948	Flat head bolt for brackets of spider glazing	each	716.00
8949	400 mm long fin plate without fastners	pair	6524.00
8953	Micro Silica	kg	25.00
8954	Stop end tubes for diaphragm wall 600 mm dia.	sqm	5.00
8955	Driving end tubes for diaphragm wall 600 mm dia.	sqm	79.00
8956	Bi-Axial Extruded Geogrids of Minimum Tensile Strength 15 kN/m in the longitudinal and transverse direction	sqm	138.00
8957	Bi-Axial Extruded Geogrids of Minimum Tensile Strength 20kN/m in the longitudinal and transverse direction	sqm	155.00
8958	Bi-Axial Extruded Geogrids of Minimum Tensile Strength 30kN/m in the longitudinal and transverse direction	sqm	235.00
8959	Bi-Axial Extruded Geogrids of Minimum Tensile Strength 40kN/m in the longitudinal and transverse direction	sqm	333.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8960	Geosynthetic Drainage with two filtering nonwoven geotextiles having a "W" configuration as longitudinal parallel channels. Minimum thickness to be 7.2 mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75 mm having pores of 150 micron and tensile strength of 8.0 kN/m and having plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure, tensile strength of 18 kN/m, with mass per unit area of 740 gsm.	sqm	609.00
8961	Geosynthetic Drainage Composite having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlaid ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m ² and tensile strength of 8.0 kN/m having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/m, with mass per unit area of 830 gsm,	sqm	724.00
8962	Synthetic Geogrid having Ultimate tensile strength- 100 kN/m	sqm	230.00
8963	Synthetic Geogrid Ultimate tensile strength- 150 kN/m	sqm	241.00
8964	Synthetic Geogrid Ultimate tensile strength- 200 kN/m	sqm	391.00
8965	Synthetic Geogrid Ultimate tensile strength- 250 kN/m	sqm	402.00
8966	Synthetic Geogrid Ultimate tensile strength- 300kN/m	sqm	414.00
8967	Synthetic Geogrid Ultimate tensile strength- 350kN/m	sqm	425.00
8968	Synthetic Geogrid Ultimate tensile strength- 400kN/m	sqm	517.00
8969	Synthetic Geogrid Ultimate tensile strength- 500kN/m	sqm	575.00
8970	Synthetic Geogrid Ultimate tensile strength- 600kN/m	sqm	632.00
8971	Synthetic Geogrid Ultimate tensile strength- 700kN/m	sqm	747.00
8972	Synthetic Geogrid Ultimate tensile strength- 800kN/m	sqm	833.00
8973	Synthetic Geogrid Ultimate tensile strength- 900kN/m	sqm	977.00
8974	Synthetic Geogrid Ultimate tensile strength- 1000kN/m	sqm	1092.00
8975	Synthetic Geogrid Ultimate tensile strength- 1100kN/m	sqm	1150.00
8976	Synthetic Geogrid Ultimate tensile strength- 1200kN/m	sqm	1207.00
8977	Aluminium profile industrial troughed sheet of Alloy 31500/31000/40800, conforming to IS 1254, IS 737, IS 2676, 0.71 mm thick, the profile detail width 1044/920 mm, cover width 1000/875 mm.	sqm	660.00
8978	Aluminium profile industrial troughed sheet of Alloy 31500/31000/40800, conforming to IS 1254, IS 737, IS 2676, 0.91 mm thick, the profile detail width 1044/920 mm, cover width 1000/875 mm.	sqm	864.00
8979	Uni Axial Woven polyester geogrid of minimum tensile strength 40KN/m in the Longitudinal direction and 20 KN/m in the Transverse direction.	sqm	159.00
8980	Uni Axial Woven polyester geogrid of minimum tensile strength 60KN/m in the Longitudinal direction and 20 KN/m in the Transverse direction	sqm	185.00
8981	Uni Axial Woven polyester geogrid of minimum tensile strength 80 KN/m in the Longitudinal direction and 30 KN/m in the Transverse direction.	sqm	235.00
8982	Uni Axial Woven polyester geogrid of minimum tensile strength 100KN/m in the Longitudinal direction and 30KN/m in the Transverse direction.	sqm	272.00
8983	Uni Axial Woven polyester geogrid of minimum tensile strength 120KN/m in the Longitudinal direction and 30KN/m in the Transverse direction.	sqm	292.00

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
8984	Uni Axial Woven polyster geogrid of minimum tensile strength 150KN/m in the Longitudinal direction and 30 KN/m in the Transverse direction.	sqm	366.00
8985	Uni Axial Woven polyster geogrid of minimum tensile strength 200KN/m in the Longitudinal direction and 30 KN/m in the Transverse direction.	sqm	431.00
8986	Uni Axial Woven polyster geogrid of minimum tensile strength 250KN/m in the Longitudinal direction and 30KN/m in the Transverse direction.	sqm	526.00
8987	Uni Axial Woven polyster geogrid of minimum tensile strength 300KN/m in the Longitudinal direction and 30KN/m in the Transverse direction.	sqm	608.00
8988	Bi Axial Woven polyster geogrid of minimum tensile strength 20KN/m in both Longitudinal and Transverse direction.	sqm	131.00
8989	Bi Axial Woven polyster geogrid of minimum tensile strength 40KN/m in both Longitudinal and Transverse direction.	sqm	198.00
8990	Bi Axial Woven polyster geogrid of minimum tensile strength 60KN/m in both Longitudinal and Transverse direction.	sqm	256.00
8991	Standard double panel of design width, height and thickness with minimum weight of panel as 11.05 kg per sqm	sqm	2071.00
8992	Corner pieces L-Shape	sqm	813.00
8993	Flat strips for soffits	sqm	832.00
8994	G.I binding wire	sqm	66.00
8995	Single panel (Weight not less than 4.05 kg/sqm)	sqm	832.00
8996	125 mm / 165 mm wide Stay in Place Wallform 2.50 mm thick of extruded Unplasticised Poly Vinyl Chloride (uPVC).	kg	160.00
9001	C.P. Brass Centre Hole Basin Mixer With Cast Spout	each	1760.00
9977	Carriage	L.S.	2.27
9988	Carriage and sundries	L.S.	2.27
9999	Sundries	L.S.	2.27

***Note: Carriage codes rates are taken as 0.00 for the material having rates F.O.R. at site**

SUB HEAD : 1.0

CARRIAGE OF MATERIALS

BASIC RATES OF CARRIAGE CODES

(Carriage for 5.0 km lead by Mechanical Transport including loading, Unloading and stacking).

Note: - These rates are exclusive of GST, contractor's profit and overhead charges.

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
2200	Steam coal	tonne	212.05
2201	Bricks	1000 Nos	494.79
2202	Stone aggregate below 40 mm nominal size	cum	185.55
2203	Coarse sand	cum	185.55
2204	Timber	cum	212.05
2205	Steel	tonne	164.93
2206	Stone aggregate 40 mm nominal size and above	cum	201.68
2207	Brick tiles	1000 Nos	296.87
2208	Lime	cum	185.55
2209	Cement	tonne	164.93
2211	Tar bitumen	tonne	185.55
2215	Soling stone & masonry stone	cum	218.29
2216	Stone blocks white & red sand stone & kota stone slab	tonne	164.93
2224	S.W. pipes 100 mm dia	100 metre	247.39
2225	S.W. pipes 150 mm dia	100 metre	494.79
2226	S.W. pipes 200 mm dia	100 metre	824.64
2228	S.W. pipes 250 mm dia	100 metre	1413.67
2229	S.W. pipes 300 mm dia	100 metre	1767.09
2241	Good earth	cum	231.93
2242	Dump manure	cum	201.68
2260	Brick aggregate	cum	201.68
2261	Sand	cum	185.55
2262	Fly ash	cum	185.55
2264	Rubbish	cum	185.55
2265	Moorum	cum	185.55
2266	Surkhi	cum	185.55
2267	Stone dust	cum	185.55
2268	Marble dust and marble chips	cum	185.55
2271	G.I. pipes below 100 mm dia	tonne	164.93
2272	Stainless Steel pipe below 100 mm dia	tonne	164.93
2273	A.C. sheet and accessories	tonne	164.93
2275	R.C.C. pipes 100 mm dia	100 metre	405.56
2281	R.C.C. pipes 150 mm dia	100 metre	675.94
2287	R.C.C. pipes 250 mm dia	100 metre	1562.47
2290	R.C.C. pipes 300 mm dia	100 metre	1931.24
2299	R.C.C. pipes 450 & 500 mm dia	100 metre	4506.23
2302	G.I. sheet and accessories	tonne	164.93
2303	R.C.C. pipes 600, 700, 750 & 800 mm dia	100 metre	6759.34

Code No.	Description	Unit	Basic rate as on or just before 01.04.2023 ₹
2308	Plaster of paris	tonne	164.93
2309	Cast iron fittings	tonne	164.93
2311	Red bajri	cum	185.55
2314	Barbed wire	tonne	164.93
2317	Sludge	cum	201.68
2319	Spun iron S & S pipes 100 mm dia	100 metre	405.56
2320	Spun iron S & S pipes 125 mm dia	100 metre	541.73
2321	Spun iron S & S pipes 150 mm dia	100 metre	675.94
2322	Spun iron S & S pipes 200 mm dia	100 metre	1099.52
2323	Spun iron S & S pipes 250 mm dia	100 metre	1562.47
2324	Spun iron S & S pipes 300 mm dia	100 metre	1931.24
2325	Spun iron S & S pipes 350 mm dia	100 metre	2703.74
2326	Spun iron S & S pipes 400 mm dia	100 metre	3686.91
2327	Spun iron S & S pipes 450 mm dia	100 metre	4506.23
2328	Spun iron S & S pipes 500 mm dia	100 metre	4506.23
2329	Spun iron S & S pipes 600mm dia	100 metre	6759.34
2330	C.I. pipes 500 mm dia	100 metre	4506.23
2331	R.C.C. pipes 900 mm dia	100 metre	10139.00
2332	R.C.C. pipes 1000 mm dia	100 metre	13518.67
2333	R.C.C. pipes 1100 mm dia	100 metre	13518.67
2334	R.C.C. pipes 1200 mm dia	100 metre	13518.67
2335	Jamuna sand	cum	185.55
2336	RCC pipe above 1200 mm dia & up to 1800 mm dia	100 metre	13518.67
2341	Pig lead	tonne	164.93
2342	Solvent/ Diesel	quintal	18.55
2343	Cast iron pipes 100 mm dia	100 metre	405.56
2344	Cast iron pipes 150 mm dia	100 metre	675.94
2345	Cast iron pipes 200 mm dia	100 metre	1099.52
2346	Cast iron pipes 250 mm dia	100 metre	1562.47
2347	Cast iron pipes 300 mm dia	100 metre	1931.24
2348	Cast iron pipes 350 mm dia	100 metre	2703.74
2349	Cast iron pipes 400 mm dia	100 metre	3686.91
2350	Cast iron pipes 450 mm dia	100 metre	4506.23
2351	Cast iron pipes 500 mm dia	100 metre	4506.23
2352	Cast iron pipes 600 mm dia	100 metre	6759.34
2353	Cast iron pipes 700 mm dia	100 metre	6759.34
2354	Cast iron pipes 750 mm dia	100 metre	6759.34
2355	Cast iron pipes 800 mm dia	100 metre	6759.34
2356	Cast iron pipes 900 mm dia	100 metre	10139.00
2357	Cast iron pipes 1000 mm dia	100 metre	13518.67

1.0 CARRIAGE OF MATERIALS

Note:- These rates are inclusive of GST on work contract, Contractor's profit and over heads, Cess etc.

1.1 By Mechanical Transport including loading,unloading and stacking

Item Code	Materials	Unit of rates	Rate i/c GST on Work Contract @ 18%, 15% CP & OH and 1% Cess										Remarks
			1 km	2 km	3 km	4 km	5 km	Beyond 5 km upto 10 km per km	Beyond 10 km upto 20 km per km	Beyond 20 km per addl. km	11	12	
1	2	3	4	5	6	7	8	9	10	11	12		
1.1.1	Lime, moorum, building rubbish	cum	174.04	196.66	219.03	240.51	261.35	18.53	15.08	12.14			The rates will be applicable to net quantities after deduction of prescribed percentage for voids mentioned in the specification under subhead "Carriage of Materials"
1.1.2	Earth	cum	217.55	245.82	273.79	300.64	326.68	23.16	18.85	15.17			
1.1.3	Manure or sludge	cum	189.17	213.76	238.08	261.42	284.07	20.14	16.40	13.19			
1.1.4	Excavated rock	cum	348.08	393.32	438.07	481.02	522.70	37.06	30.17	24.27			
1.1.5	Sand, stone aggregate below 40 mm nominal size	cum	174.04	196.66	219.03	240.51	261.35	18.53	15.08	12.14			
1.1.6	Stone aggregate 40 mm nominal size and above	cum	189.17	213.76	238.08	261.42	284.07	20.14	16.40	13.19			
1.1.7	Soling stone	cum	204.75	231.36	257.69	282.95	307.47	21.80	17.75	14.28			
1.1.8	Bricks	1000 Nos	464.11	524.42	584.09	641.36	696.93	49.41	40.22	32.36			
1.1.9	Brick Tiles	1000 Nos	278.46	314.65	350.45	384.81	418.16	29.65	24.13	19.42			
1.1.10	Cement, stone blocks, G.I., A.C., & C.C. pipes below 100 mm dia and other heavy materials	tonne	154.70	174.81	194.70	213.79	232.31	16.47	13.41	10.79			

[illegible]

Item Code	Materials	Unit of rates	Rate i/c GST on Work Contract @ 18%, 15% CP & OH and 1% Cess								Remarks	
			1 km	2 km	3 km	4 km	5 km	Beyond 5 km upto 10 km per km	Beyond 10 km upto 20 km per km	Beyond 20 km addl. km		
1	2	3	4	5	6	7	8	9	10	11	12	
1.1.17.1	100 mm dia	100 m	380.42	429.85	478.76	525.70	571.25	40.50	32.97	26.53		
1.1.17.2	125 mm dia	100 m	508.15	574.19	639.51	702.21	763.06	54.10	44.04	35.43		
1.1.17.3	150 mm dia	100 m	634.03	716.42	797.94	876.17	952.09	67.50	54.95	44.21		
1.1.17.4	200 mm dia	100 m	1031.35	1165.38	1297.97	1425.23	1548.73	109.80	89.39	71.92		
1.1.17.5	250 mm dia	100 m	1465.60	1656.07	1844.49	2025.33	2200.82	156.04	127.02	102.20		
1.1.17.6	300 mm dia	100 m	1811.51	2046.93	2279.81	2503.34	2720.25	192.86	157.00	126.32		
1.1.17.7	350 mm dia	100 m	2536.11	2865.70	3191.74	3504.68	3808.35	270.01	219.80	176.85		
1.1.17.8	400 mm dia	100 m	3458.33	3907.77	4352.37	4779.10	5193.20	368.20	299.73	241.16		
1.1.17.9	450 mm & 500 mm dia	100 m	4226.85	4776.16	5319.57	5841.13	6347.25	450.02	366.33	294.75		
1.1.17.10	600, 700, 750 & 800 mm dia	100 m	6340.28	7164.24	7979.35	8761.69	9520.87	675.03	549.50	442.13		
1.1.17.11	900 mm dia	100 m	9510.41	10746.36	11969.03	13142.53	14281.30	1012.54	824.25	663.19		
1.1.17.12	1000, 1100 & 1200 mm dia	100 m	12680.55	14328.48	15958.70	17523.38	19041.74	1350.05	1099.00	884.26		
Road sweeper Hire & running charge for crane upto 40 tonne capacity.												
Code No.	Description										Unit	Rate ₹
1.1.18	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge.										cum	494.10
Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more.												

1.0 CARRIAGE OF MATERIALS

Note:- These rates are inclusive of GST on work contract, Contractor's profit and over heads, Cess etc.

1.2 By Manual Labour including loading, unloading and stacking for lead less than 0.50 KM

Code No.	Material	Unit	Cost of carriage including loading, unloading & stacking for first 50 metres (₹)	Every additional lead of 50 metre or part thereof beyond 1 st 50 metre upto 9 such additional lead (₹)	Remarks
1	2	3	4	5	6
1.2.1	Lime, moorum, building rubbish	cum	227.18	49.47	The rates will be applicable to net quantities after deduction of prescribed percentage for voids mentioned in the specification under subhead "Carriage of Materials"
1.2.2	Earth	cum	283.98	61.83	
1.2.3	Manure or sludge	cum	246.94	53.77	
1.2.4	Excavated rock	cum	454.37	98.93	
1.2.5	Sand, stone aggregate below 40 mm nominal size	cum	283.98	61.83	
1.2.6	Stone aggregate 40 mm nominal size and above	cum	307.01	66.84	The length of S.W. pipes will be measured exclusive of the internal depth of sockets.
1.2.7	Soling stone	cum	334.09	72.74	
1.2.8	Bricks	1000 Nos	530.10	115.42	
1.2.9	Brick Tiles	1000 Nos	331.31	72.14	
1.2.10	Steam Coal	tonne	265.05	57.71	
1.2.11	Stone blocks, G.I., C.I. Stainless Steel pipes below 100 mm dia and other heavy material	tonne	207.34	30.42	
1.2.12	Cement	tonne	164.47	24.13	
1.2.13	Steel	tonne	353.24	51.83	
1.2.14	Timber	cum	227.09	33.32	
1.2.15	Tar, bitumen etc.	tonne	207.34	30.42	
1.2.16	S.W. pipe				
1.2.16.1	100 mm dia	100 m	415.04	60.90	
1.2.16.2	150 mm dia	100 m	682.23	100.11	
1.2.16.3	200 mm dia	100 m	954.71	140.09	
2.16.5	250 mm dia	100 m	1589.60	233.26	

1	2	3	4	5	6
1.2.16.6	300 mm dia	100 m	2270.85	333.22	
1.2.16.7	350 mm dia	100 m	3179.19	466.51	
1.2.16.8	400 mm dia	100 m	3973.99	583.14	
1.2.16.9	450 mm dia	100 m	4816.96	706.84	
1.2.16.10	500 mm dia	100 m	5887.40	863.91	
1.2.16.11	600 mm dia	100 m	7225.44	1060.25	
1.2.17	R.C.C. pipes, Steel cylinder, R.C. pipes, C.I. pipes and unreinforced cement pipes				
1.2.17.1	100 mm dia	100 m	560.37	82.23	The length of the flanged or plain ended concrete, R.C.C. pipes, Steel cylinders, R.C. pipes and C.I. pipes shall be measured overall. The length of socketed pipes shall be measured exclusive of internal depth of sockets.
1.2.17.2	125 mm dia	100 m	685.66	100.61	
1.2.17.3	150 mm dia	100 m	789.53	115.86	
1.2.17.4	200 mm dia	100 m	1184.79	173.86	
1.2.17.5	250 mm dia	100 m	2082.44	305.58	
1.2.17.6	300 mm dia	100 m	2605.90	382.39	
1.2.17.7	350 mm dia	100 m	3725.62	546.69	
1.2.17.8	400 mm dia	100 m	4335.26	636.15	
1.2.17.9	450 mm & 500 mm dia	100 m	5780.35	848.20	
1.2.17.10	600, 700, 750 & 800 mm dia	100 m	6358.39	933.02	

Code No.	Description	Unit	Rate ₹	Remarks
1	2	3	4	5
1.3	Loading in or unloading cement from the railway wagons at siding and carrying the same from or into godowns adjacent to the siding, including stacking the same properly in rows upto any height as per direction of Engineer-in-charge, sweeping the wagons and screening the swept cement and filling in bags complete.	tonne	169.40	
1.4	Loading in or unloading from the railway wagons as per direction of Engineer-in-charge :			
1.4.1	Steel	tonne	251.15	The rates will be applicable in all cases whether materials are unloaded or loaded from Railway siding or directly unloaded on or loaded from transport.
1.4.2	G.I., C.I., R.C.C. or C.C. pipes upto 500 mm dia and similar heavy materials	tonne	148.80	
1.4.3	Heavy materials where each piece or bundle, crate or case weighs more than one tonne and R.C.C., C.I. and concrete pipes above 500 mm dia.	tonne	263.15	No deduction shall be made from carriage rates for direct unloading or loading.

SUB HEAD : 2.0
EARTH WORK

2.0 EARTH WORK

Code No	Description	Unit	Rate
2.1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge:		
2.1.1	All kinds of soil	sqm	129.85
2.2	Earth work by mechanical / manual means in rough excavation, banking excavated earth in layers not exceeding 20cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50 m and for all lift :		
2.2.1	All kinds of soil	cum	395.30
2.3	Banking excavated earth by mechanical / manual means in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., lead upto 50 m and for all lift :		
2.3.1	All kinds of soil	cum	197.90
2.4	Deduct for not rolling with power roller of minimum 8 tonnes for banking excavated earth in layers not exceeding 20 cm in depth.	cum	5.25
2.5	Deduct for not watering the excavated earth for banking	cum	14.25
2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.		
2.6.1	All kinds of soil	cum	177.50
2.7	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.		
2.7.1	Ordinary rock	cum	498.90
2.7.2	Hard rock (requiring blasting)	cum	874.40
2.7.3	Hard rock (blasting prohibited)	cum	1432.95
2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.		
2.8.1	All kinds of soil.	cum	260.30
2.9	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.		
2.9.1	Ordinary rock	cum	632.95
2.9.2	Hard rock (requiring blasting)	cum	1049.80

Code No	Description	Unit	Rate
2.9.3	Hard rock (blasting prohibited)	cum	1523.05
2.10	Excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :		
2.10.1	All kinds of soil		
2.10.1.1	Pipes, cables etc, not exceeding 80 mm dia.	metre	215.60
2.10.1.2	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	metre	352.15
2.10.1.3	Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm	metre	549.75
2.13	Excavating trenches of required width for pipes, cables, etc, including excavation for sockets, depth upto 1.5 m, including getting out the excavated materials, returning the soil as required in layers not exceeding 20 cm in depth, including consolidating each deposited layers by ramming, watering etc., stacking serviceable material for measurements and disposal of unserviceable material as directed, within a lead of 50 m :		
2.13.1	Ordinary rock :		
2.13.1.1	Pipes, cables etc. not exceeding 80 mm dia	metre	403.30
2.13.1.2	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia	metre	998.65
2.13.1.3	Pipes, cables exceeding 300 mm dia but not exceeding 600 mm dia	metre	1149.10
2.13.2	Hard rock (requiring blasting)		
2.13.2.1	Pipes, cables etc. not exceeding 80 mm dia	metre	603.20
2.13.2.2	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia	metre	1493.60
2.13.2.3	Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm dia	metre	1718.45
2.13.3	Hard rock (blasting prohibited)		
2.13.3.1	Pipes, cables etc. not exceeding 80 mm dia	metre	826.80
2.13.3.2	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia	metre	2047.30
2.13.3.3	Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm dia	metre	2355.75
2.14	Extra for excavating trenches for pipes, cables, etc. in ordinary/hard rock exceeding 1.5 m in depth but not exceeding 3 m. (Rate is over corresponding basic item for depth upto 1.5 metre)		
2.14.1	Ordinary rock :		
2.14.1.1	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia	metre	729.80
2.14.1.2	Pipes, cables exceeding 300 mm dia but not exceeding 600 mm dia	metre	867.45
2.14.2	Hard rock (requiring blasting)		
2.14.2.1	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia	metre	1091.45

Code No	Description	Unit	Rate
2.14.2.2	Pipes, cables exceeding 300 mm dia but not exceeding 600 mm dia	metre	1297.40
2.14.3	Hard rock (blasting prohibited)		
2.14.3.1	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia	metre	1496.10
2.14.3.2	Pipes, cables exceeding 300 mm dia but not exceeding 600 mm dia	metre	1778.15
2.15	Extra for excavating trenches for pipes, cables, etc. in ordinary/hard rock exceeding 3m in depth but not exceeding 4.5 m. (Rate is over corresponding basic item for depth upto 1.5 metre)		
2.15.1	Ordinary rock :		
2.15.1.1	Pipes, cables exceeding 300 mm dia but not exceeding 600 mm dia	metre	2352.25
2.16	Close timbering in trenches including strutting, shoring and packing cavities (wherever required) complete. (Measurements to be taken of the face area timbered).		
2.16.1	Depth not exceeding 1.5 m	sqm	139.95
2.16.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	155.30
2.16.3	Depth exceeding 3 m but not exceeding 4.5 m	sqm	189.65
2.17	Close timbering in case of shafts, wells, cesspits, manholes and the like including strutting, shoring and packing cavities (wherever required) etc. complete. (Measurements to be taken of the face area timbered).		
2.17.1	Depth not exceeding 1.5 m	sqm	151.50
2.17.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	184.00
2.17.3	Depth exceeding 3 m but not exceeding 4.5 m	sqm	218.20
2.18	Close timbering over areas including strutting, shoring and packing cavities (wherever required) etc. complete. (Measurements to be taken of the face area timbered):		
2.18.1	Depth not exceeding 1.5 m	sqm	125.80
2.18.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	144.10
2.18.3	Depth exceeding 3 m but not exceeding 4.5 m	sqm	163.15
2.19	Extra for planking, strutting and packing materials for cavities (in close timbering) if required to be left permanently in position. (Face area of timber permanently left to be measured).	sqm	1692.45
2.20	Open timbering in trenches including strutting and shoring complete (measurements to be taken of the face area timbered):		
2.20.1	Depth not exceeding 1.5 m	sqm	72.05
2.20.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	81.60
2.20.3	Depth exceeding 3 m but not exceeding 4.5 m	sqm	97.25
2.21	Open timbering in case of shafts, wells, cesspits, manholes and the like including strutting and shoring complete (Measurements to be taken of the face area timbered):		
2.21.1	Depth not exceeding 1.5 m	sqm	66.40
2.21.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	81.65
2.21.3	Depth exceeding 3 m but not exceeding 4.5 m	sqm	101.85
2.22	Open timbering over areas including strutting, shoring etc. complete. (Measurements to be taken of the face area timbered):		
2.22.1	Depth not exceeding 1.5 m	sqm	44.85

Code No	Description	Unit	Rate
2.22.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	54.95
2.22.3	Depth exceeding 3 m but not exceeding 4.5 m	sqm	71.30
2.23	Extra for planking and strutting in open timbering if required to be left permanently in position. (Face area of the timber permanently left to be measured).	sqm	872.55
2.24	Extra rates for quantities of works, executed:		
2.24.1	In or under water and/or liquid mud, including pumping out water as required	metre depth	20%
2.24.2	In or under foul position, including pumping out water as required	metre depth	25%
	Note for item no. 2.24:- The extra percentage rate is applicable in respect of each item but limited to quantities of work executed in these difficult conditions. The unit, namely, metre depth, to be considered for payment, shall be the depth measured from the sub soil water level up to the centre of gravity of the qty executed in difficult conditions. The depth shall be reckoned correct to 0.10 m, 0.05 m or more shall be taken as 0.10 m and less than 0.05 m ignored.		
2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	cum	196.00
2.25(a)	Excavating, supplying, stacking and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in foundation trenches, plinth, sides of foundation etc. complete for all lift.	cum	700.50
2.26	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.		
2.26.1	All kinds of soil	cum	126.80
2.26.2	Ordinary or hard rock	cum	227.40
2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	2123.75
2.28	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.		
2.28.1	All kinds of soil	sqm	34.15
2.29	Ploughing the existing ground to a depth of 15 cm to 25 cm and watering the same.		
2.29.1	All kinds of soil	sqm	34.60
2.30	Excavating holes more than 0.10 cum & upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering etc, disposing of surplus excavated soil, as directed within a lead of 50 m and lift upto 1.5 m.		
2.30.1	All kinds of soil	each	82.45
2.30.2	Ordinary rock	each	194.25
2.30.3	Hard rock (requiring blasting)	each	319.30
2.30.4	Hard rock (blasting prohibited)	each	461.30

Code No	Description	Unit	Rate
2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	sqm	17.60
2.32	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	sqm	8.95
2.33	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.		
2.33.1	Beyond 30 cm girth upto and including 60 cm girth	each	532.35
2.33.2	Beyond 60 cm girth upto and including 120 cm girth	each	2373.50
2.33.3	Beyond 120 cm girth upto and including 240 cm girth	each	11020.15
2.33.4	Above 240 cm girth	each	22075.20
2.34	Supplying chemical emulsion in sealed containers including delivery as specified.		
2.34.1	Chlorpyrifos/ Lindane emulsifiable concentrate of 20%	litre	234.75
2.35	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :		
2.35.1	Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete:		
2.35.1.1	With Chlorpyrifos/ Lindane E.C. 20% with 1% concentration	metre	38.90
2.35.2	Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and plugging holes etc.:		
2.35.2.1	With Chlorpyrifos/ Lindane E.C. 20% with 1% concentration	metre	53.45
2.35.3	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor:		
2.35.3.1	With Chlorpyrifos/Lindane E.C. 20% with 1% concentration	sqm	310.05
2.35.4	Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 (1 cement : 2 coarse sand) to the full depth of the hole :		
2.35.4.1	With Chlorpyrifos/Lindane E.C. 20% with 1% concentration	metre	43.00
2.35.5	Treatment at points of contact of wood work by chemical emulsion Chlorpyrifos/ Lindane (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	metre	279.70
2.36	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	cum	93.05

Code No	Description	Unit	Rate
2.37	Supply and stacking of Fly ash conforming to IRC- 58 at site, including carriage, loading , unloading & stacking up to any lead (measured stacks will be reduced by 20% for payment).	cum	281.05
2.38	Filling with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer -in-charge, including compacting each layer by rolling/ ramming and watering, all complete as per drawing and direction of Engineer -in - charge.	cum	308.20

SUB HEAD : 3.0

MORTAR

3.0 MORTAR

Note: These rates are exclusive of GST, water charges, overheads and contractor's profit.

Code No	Description	Unit	Rate
3.1	Cement mortar 1:1 (1 cement : 1 fine sand)	cum	6658.25
3.2	Cement mortar 1:2 (1 cement : 2 fine sand).	cum	5138.00
3.3	Cement mortar 1:3 (1 cement : 3 fine sand).	cum	4379.05
3.4	Cement mortar 1:4 (1 cement : 4 fine sand).	cum	3708.80
3.5	Cement mortar 1:5 (1 cement : 5 fine sand).	cum	3347.85
3.6	Cement mortar 1:6 (1 cement : 6 fine sand).	cum	3038.50
3.7	Cement mortar 1:2 (1 cement : 2 coarse sand).	cum	5584.50
3.8	Cement mortar 1:3 (1 cement : 3 coarse sand).	cum	4881.95
3.9	Cement mortar 1:4 (1 cement : 4 coarse sand).	cum	4211.70
3.10	Cement mortar 1:5 (1 cement : 5 coarse sand).	cum	3850.75
3.11	Cement mortar 1:6 (1 cement : 6 coarse sand).	cum	3541.40
3.12	Cement mortar 1:2 (1 cement : 2 stone dust).	cum	5252.00
3.13	Cement mortar 1:2 (1 cement : 2 marble dust).	cum	5328.00
3.14	Cement mortar 1:5 (1 cement : 5 marble dust).	cum	3561.85
3.15	White cement mortar 1:2 (1 white cement : 2 marble dust).	cum	8961.90
3.16	White cement mortar 1:3 (1 white cement : 3 marble dust).	cum	7318.50
3.17	White cement mortar 1:5 (1 white cement : 5 marble dust).	cum	5218.50
3.18	Mud mortar	cum	940.55
3.19	Mortar in lime, surkhi (50% red and 50% light yellow) and marble dust 1:1.5:0.5	cum	2880.65

SUB HEAD : 4.0

CONCRETE WORK

4.0 CONCRETE WORK

Code No	Description	Unit	Rate
CEMENT CONCRETE (CAST IN SITU)			
4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :		
4.1.2	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	8340.85
4.1.2A	1:1.5:3 (1 Cement: 1.5 coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 25%).	cum	8127.80
4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	7878.50
4.1.3A	1:2:4 (1 cement : 2 coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 4 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 25%)	cum	7654.85
4.1.4	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	7780.30
4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	7294.70
4.1.5A	1:3:6 (1 Cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA))	cum	6347.75
4.1.5B	1:3:6 (1 cement : 3 manufactured sand derived from Recycled concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size Recycled Aggregate (RA))	cum	5639.85
4.1.6	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	7178.75
4.1.6A	1:3:6 (1 Cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 40 mm nominal size Recycled Aggregate (RA))	cum	5572.00
4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	6812.00
4.1.8A	1:4:8 (1 cement : 4 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 8 graded stone aggregate 40 mm nominal size Recycled Aggregate (RA))	cum	5205.25
4.1.10	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	6518.60

Code No	Description	Unit	Rate
4.1.10A	1:5:10 (1 cement : 5 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 10 graded stone aggregate 40 mm nominal size Recycled Aggregate (RA))	cum	4911.85
4.1.11	1:5:10 (1 cement : 5 fine sand derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	6189.65
4.1.12	1:2:3½:9 (1 ordinary portland cement : 2 Fly ash : 3½ coarse sand (zone-III) derived from natural sources : 9 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	6667.25
4.1.12A	1:2:3½:9 (1 ordinary portland cement : 2 Fly ash : 3½ manufactured sand derived from Recycled Concrete Aggregate (RCA) : 9 graded stone aggregate 40 mm nominal size Recycled Aggregate (RA))	cum	5130.65
4.1.13	1:2½:4:11 (1 ordinary portland cement : 2½ fly ash : 4 coarse sand(zone-III) derived from natural sources : 11 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	6311.95
4.1.13A	1:2½:4:11 (1 ordinary portland cement : 2½ fly ash : 4 manufactured sand derived from Recycled Concrete Aggregate (RCA) :11 graded stone aggregate 40 mm nominal size Recycled Aggregate (RA))	cum	4796.40
4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:		
4.2.2	1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	10357.55
4.2.2A	1:1½:3 (1 cement : 1½ coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 25%).	cum	10144.50
4.2.3	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	9895.20
4.2.3A	1:2:4 (1 Cement : 2 coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 4 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 25%).	cum	9671.50
4.2.5	1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	9311.40
4.2.5A	1:3:6 (1 cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA))	cum	8364.45

Code No	Description	Unit	Rate
4.2.5B	1:3:6 (1 cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size Recycled Aggregate (RA))	cum	7656.55
4.2.8	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources).	cum	8519.20
4.2.8A	1:5:10 (1 cement : 5 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 10 graded stone aggregate 40 mm nominal size Recycled Aggregate (RA))	cum	6912.45
4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :		
4.3.1	Foundations, footings, bases for columns	sqm	392.15
4.3.2	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	sqm	842.50
4.3.3	Columns, piers, abutments, pillars, posts and struts	sqm	961.30
4.4	Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centering, shuttering and finishing.		
4.4.1	1:1½:3 (1 Cement: 1½ coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	8340.85
4.4.1A	1:1.5:3 (1 cement: 1.5 coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 25%).	cum	8127.80
CEMENT CONCRETE PRECAST			
4.5	Providing and fixing up to floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc., including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), cost of required Centering complete.		
4.5.1	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	10105.10
4.5.1A	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 25%)	cum	9893.45
4.6	Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), including the cost of required centering, shuttering complete.		
4.6.1	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	8726.85

Code No	Description	Unit	Rate
4.6.1A	1:1.5:3 (1 Cement: 1.5 coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 25%)	cum	8514.85
4.7	Providing and fixing up to floor five level precast cement concrete solid block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete :		
4.7.1	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	17889.25
4.7.1A	1:1.5:3 (1 Cement: 1.5 coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 3 graded stone aggregate 20 mm nominal size including (Recycled Concrete Aggregate (RCA) upto 25%).	cum	17677.25
4.8	Providing and fixing up to floor five level precast cement concrete hollow block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete.		
4.8.1	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) .	cum	14624.20
4.8.1A	1:1.5:3 (1 Cement: 1.5 coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 3 graded stone aggregate 20 mm nominal size including (Recycled Concrete Aggregate (RCA) upto 25%).	cum	14526.20
4.9	Precasting and placing in position 125 mm dia Bollards 600 mm high of required shape including providing M.S. Pipe Sleeve 50 mm dia 300 mm long in the Bollard and M.S. Pipes 40 mm dia and 450 mm long with 150x150x6 mm M.S. plate welded at bottom and embedded 150 mm in cement concrete 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources), including necessary excavation of size 250x250x450 mm deep for the same in bitumen/concrete pavement at specified spacing.	each	929.80
4.9 A	Precasting and placing in position 125 mm dia Bollards 600 mm high of required shape including providing M.S. Pipe Sleeve 50 mm dia 300 mm long in the Bollard and M.S. Pipes 40 mm dia and 450 mm long with 150x150x6 mm M.S. plate welded at bottom and embedded 150 mm in cement concrete 1:3:6 (1 Cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size (Recycled Concrete Aggregate (RCA))), including necessary excavation of size 250x250x450 mm deep for the same in bitumen/ concrete pavement at specified spacing	each	900.15

Code No	Description	Unit	Rate
4.9 B	Precasting and placing in position 125 mm dia Bollards 600 mm high of required shape including providing M.S. Pipe Sleeve 50 mm dia 300 mm long in the Bollard and M.S. Pipes 40 mm dia and 450 mm long with 150x150x6 mm M.S. plate welded at bottom and embedded 150 mm in cement concrete 1:3:6 (1 Cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size (Recycled Aggregate (RA), including necessary excavation of size 250x250x450 mm deep for the same in bitumen/concrete pavement at specified spacing	each	878.90
	DAMP-PROOF COURSE		
4.10	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5 mm nominal size derived from natural sources)	sqm	410.85
4.10A	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 4 graded stone aggregate 12.5 mm nominal size including (Recycled Concrete Aggregate (RCA) upto 25%))	sqm	402.50
4.11	Providing and laying damp-proof course 50 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources).	sqm	495.75
4.11A	Providing and laying damp-proof course 50 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 25% : 4 graded stone aggregate 20 mm nominal size (Recycled Concrete Aggregate (RCA) upto 25%))	sqm	484.60
4.12	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	per bag of 50kg cement used	18.15
4.13	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7 kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	sqm	146.15
	MISCELLANEOUS		
4.14	Extra for concrete work in superstructure above floor V level for each four floors or part thereof by mechanical means.	cum	169.45
4.15	Extra for laying concrete in or under water and/or liquid mud including cost of pumping or bailing out water and removing slush etc. complete. Note for item No. 4.15 :- The quantity will be calculated by multiplying the depth measured from the sub-soil water level up to centre of gravity of concrete under sub-soil water level with quantity of concrete in cum executed under sub-soil water. The depth of centre of gravity shall be reckoned correct to 0.1m. (0.05m or more shall be taken as 0.1m and less than 0.05m ignored).	cum per metre depth	1098.80
4.16	Extra for laying concrete in or under foul positions.	cum	467.55

Code No	Description	Unit	Rate
4.17	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	sqm	749.30
4.17A	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	sqm	702.30
4.17B	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement : 3 manufactured sand derived from Recycled Concrete Aggregate (RCA) : 6 graded stone aggregate 20 mm nominal size Recycled Aggregate (RA) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	sqm	666.90
4.18	Extra for addition of synthetic Polyester triangular fibre of length 12mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40 in cement concrete/RCC/Flooring/water retaining structures by using 125 gram of synthetic Polyester triangular fibre for 50 kg cement used as per direction of Engineer-in-Charge.	per bag of 50 kg of cement	70.35
4.20	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/ Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.		
4.20.1	All works upto plinth level :		
4.20.1.1	Concrete of M10 grade with minimum cement content of 220 kg /cum	cum	8835.15
4.20.1.2	Concrete of M15 grade with minimum cement content of 240 kg /cum	cum	8986.15
4.20.1.3	Concrete of M20 grade with minimum cement content of 270 kg /cum	cum	9212.60
4.20.1.4	Concrete of M25 grade with minimum cement content of 300 kg /cum	cum	9439.05
4.20.2	All works above plinth and upto floor V level		
4.20.2.1	Concrete of M10 grade with minimum cement content of 220 kg /cum	cum	9190.80
4.20.2.2	Concrete of M15 grade with minimum cement content of 240 kg /cum	cum	9341.80

Code No	Description	Unit	Rate
	4.20.2.3 Concrete of M20 grade with minimum cement content of 270 kg /cum	cum	9568.25
	4.20.2.4 Concrete of M25 grade with minimum cement content of 300 kg /cum	cum	9794.70
4.20A	<p>Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources and using recycled concrete aggregate (RCA) as coarse aggregate and fine aggregate within the permissible utilization, Portland Pozzolana / Ordinary Portland/Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete.</p> <p>Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.</p>		
	4.20A.1 All works upto plinth level		
	4.20A.1.1 Concrete of M10 grade with minimum cement content of 220 kg /cum. (Note: The permissible utilization of Recycled Concrete Aggregate (RCA) as coarse aggregate and fine aggregate is 100% each).	cum	7936.10
	4.20A.1.2 Concrete of M15 grade with minimum cement content of 240 kg /cum. (Note: The permissible utilization of Recycled Concrete Aggregate (RCA) as coarse aggregate and fine aggregate is 25% each).	cum	8779.40
	4.20A.1.3 Concrete of M20 grade with minimum cement content of 270 kg /cum. (Note: The permissible utilization of Recycled Concrete Aggregate (RCA) as coarse aggregate and fine aggregate is 25% each).	cum	9005.85
	4.20A.1.4 Concrete of M25 grade with minimum cement content of 300 kg /cum. (Note: The permissible utilization of Recycled Concrete Aggregate (RCA) as coarse aggregate and fine aggregate is 25% each).	cum	9232.30
	4.20A.2 All works above plinth and upto floor V level		
	4.20A.2.1 Concrete of M10 grade with minimum cement content of 220 kg /cum. (Note: The permissible utilization of Recycled Concrete Aggregate (RCA) as coarse aggregate and fine aggregate is 100% each).	cum	8291.75
	4.20A.2.2 Concrete of M15 grade with minimum cement content of 240 kg /cum. (Note: The permissible utilization of Recycled Concrete Aggregate (RCA) as coarse aggregate and fine aggregate is 25% each).	cum	9135.05

Code No	Description	Unit	Rate
4.20A.2.3	Concrete of M20 grade with minimum cement content of 270 kg /cum. (Note: The permissible utilization of Recycled Concrete Aggregate (RCA) as coarse aggregate and fine aggregate is 25% each).	cum	9361.50
4.20A.2.4	Concrete of M25 grade with minimum cement content of 300 kg /cum. (Note: The permissible utilization of Recycled Concrete Aggregate (RCA) as coarse aggregate and fine aggregate is 25% each).	cum	9587.95

SUB HEAD : 5.0

**REINFORCED CEMENT
CONCRETE**

5.0 REINFORCED CEMENT CONCRETE

Code No	Description	Unit	Rate
CAST IN SITU			
5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :		
5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	9045.75
5.1.2A	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size of Recycled Concrete Aggregate (RCA) upto 20%.	cum	8874.95
5.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	8583.40
5.1.3A	1:2:4 (1 cement : 2 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 4 graded stone aggregate 20 mm nominal size of Recycled Concrete Aggregate (RCA) upto 20%).	cum	8404.05
5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :		
5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	10852.95
5.2.2A	1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%	cum	10682.15
5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	11505.50
5.3A	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral staircases above plinth level up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20%: 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%)	cum	11334.70
5.4	Providing and laying reinforced cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	8821.65

Code No	Description	Unit	Rate
5.4A	Providing and laying reinforced cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%).	cum	8650.85
5.5	Reinforced cement concrete work in arches, archribs, domes, vaults, shells, folded plate and roofs having slope more than 15° up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	12205.85
5.5A	Reinforced cement concrete work in arches, archribs, domes, vaults, shells, folded plate and roofs having slope more than 15° up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%).	cum	12035.00
5.6	Reinforced cement concrete work in chimneys, shafts, up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	11125.20
5.6A	Reinforced cement concrete work in chimneys, shafts, up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%).	cum	10954.40
5.7	Reinforced cement concrete work in well-steining, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	8424.60
5.7A	Reinforced cement concrete work in well-steining excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%).	cum	8253.80
5.8	Reinforced cement concrete work in vertical and horizontal fins individually or forming box louvers, facias and eaves boards above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	11454.35
5.8A	Reinforced cement concrete work in vertical and horizontal fins individually or forming box louvers, facias and eaves boards above plinth level up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%).	cum	11283.55

Code No	Description	Unit	Rate
	FORM WORK		
5.9	Centering and shuttering including strutting, propping etc. and removal of form for		
5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	sqm	392.15
5.9.2	Walls (any thickness) including attached pilasters, buttermesses, plinth and string courses etc.	sqm	842.50
5.9.3	Suspended floors, roofs, landings, balconies and access platform	sqm	927.25
5.9.4	Shelves (Cast in situ)	sqm	927.25
5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm	736.40
5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	961.30
5.9.7	Stairs, (excluding landings) except spiral-staircases	sqm	764.95
5.9.8	Spiral staircases (including landing)	sqm	798.35
5.9.9	Arches, domes, vaults up to 6 m span	sqm	2154.35
5.9.10	Extra for arches, domes, vaults exceeding 6 m span	sqm	608.15
5.9.11	Chimneys and shafts	sqm	803.25
5.9.12	Well steining	sqm	263.65
5.9.13	Vertical and horizontal fins individually or forming box louvers band, facias and eaves boards	sqm	1296.70
5.9.14	Extra for shuttering in circular work (20% of respective centering and shuttering items)	sqm	20%
5.9.15	Small lintels not exceeding 1.5 m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like	sqm	392.15
5.9.16	Edges of slabs and breaks in floors and walls		
	5.9.16.1 Under 20 cm wide	metre	208.55
	5.9.16.2 Above 20 cm wide	sqm	879.05
5.9.17	Cornices and mouldings	sqm	856.80
5.9.18	Small surfaces such as cantilever ends, brackets and ends of steps, caps and bases to pilasters and columns and the like	sqm	964.85
5.9.19	Weather shed, Chajjas, corbels etc., including edges	sqm	951.10
5.9.20	Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm thick	sqm	1028.40
5.9.21	Lintels, beams, plinth beams, girders, bressumers and cantilevers with water proof ply 12 mm thick	sqm	841.95
5.10	Providing and fixing tie bolt, spring coil and plastic cone in wall shuttering complete as per the direction of Engineer-in-charge.		
5.10.1	12 mm dia. & 100 mm length	each set	156.05
5.10.2	12 mm dia. & 150 mm length	each set	170.25
5.10.3	20 mm dia. & 150 mm length	each set	184.50
5.10.4	20 mm dia.& 225 mm length	each set	201.55
5.11	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc., including cost of de-shuttering and decentering at all levels, over a height of 3.5 m, for every additional height of 1 metre or part thereof (Plan area to be measured).		

Code No	Description	Unit	Rate
5.11.1	Suspended floors, roofs, landings, beams and balconies (Plan area to be measured)	sqm	384.30
PRE-CAST RCC			
5.12	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but excluding cost of reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	10585.90
5.12A	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but excluding cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA) upto 20%).	cum	10416.75
5.13	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in small lintels not exceeding 1.5m clear span up to floor five level, including the cost of required centering, shuttering but , excluding the cost of reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	14325.95
5.13A	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in small lintels not exceeding 1.5 m clear span up to floor five level, including the cost of required centering, shuttering but excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%).	cum	14155.35
5.14	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in mouldings as in cornices, windows sills etc, including setting in cement mortar 1:3 (1 cement : 3 coarse sand) cost of required centering, shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	18234.95
5.14A	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in mouldings as in cornices, windows sills etc. including setting in cement mortar 1:3 (1 cement : 3 coarse sand) cost of required centering, shuttering but excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%).	cum	18064.15
5.15	Providing, transporting, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers, including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	13899.20

Code No	Description	Unit	Rate
5.15A	Providing, transporting, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in lintels, beams and bressumers including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but excluding the cost of reinforcement with, 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%).	cum	13728.40
5.16	Providing, transporting, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in shelves, including setting in cement mortar 1:3 (1cement : 3 coarse sand), cost of required centering, shuttering and finishing with neat cement punning on exposed surfaces but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	20355.80
5.16A	Providing, transporting, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in shelves including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering and finishing with neat cement punning on exposed surfaces but excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%).	cum	20185.00
5.17	Providing, transporting, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in vertical & horizontal fins, individually or forming box louvers, setting in cement mortar 1:2 (1 cement : 2 coarse sand), including the cost of required centering, shuttering but , excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	12043.35
5.17A	Providing, transporting, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in vertical & horizontal fins individually or forming box louvers setting in cement mortar 1:2 (1 cement : 2 coarse sand), including the cost of required centering, shuttering but excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%).	cum	11872.55
5.18	Providing precast cement concrete Jali 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 6 mm nominal size), reinforced with 1.6 mm dia mild steel wire, including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement: 3 fine sand) etc. complete, excluding plastering of the jambs, sills and soffits.		
5.18.1	50 mm thick	sqm	1886.90
5.18.2	40 mm thick	sqm	1706.55
5.18.3	25 mm thick	sqm	1539.00
ENCASING ROLLED STEEL SECTION			
5.19	Encasing rolled steel sections, in beams and columns, with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) including centering and shuttering complete but , excluding cost of reinforcement.	cum	16089.40

Code No	Description	Unit	Rate
5.19A	Encasing rolled steel sections, in beams and columns, with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20%: 3 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA) upto 20%) including centering and shuttering complete but excluding cost of reinforcement.	cum	15918.60
5.20	Encasing rolled steel section in grillages with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) including centering and shuttering but, excluding cost of expanded metal and hangers.	cum	9663.25
5.20A	Encasing rolled steel section in grillages with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA) upto 20%), including centering and shuttering but excluding cost of expanded metal and hangers.	cum	9492.45
5.21	Extra for providing and fixing expanded metal mesh of size 20x60 mm and strands 3.25 mm wide 1.6 mm thick weighing 3.64 kg per sqm for encasing of rolled steel sections in beams, columns and grillages, excluding cost of hangers.	sqm	485.05
STEEL REINFORCEMENT			
5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.		
5.22.1	Mild steel and Medium Tensile steel bars	kg	107.10
5.22.2	Hard drawn steel wire	kg	95.80
5.22.3	Cold twisted bars	kg	107.85
5.22.4	Hot rolled deformed bars	kg	107.85
5.22.5	Hard drawn steel wire fabric	kg	102.20
5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	107.85
5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.		
5.22A.1	Mild steel and Medium Tensile steel bars	kg	107.10
5.22A.2	Hard drawn steel wire	kg	95.80
5.22A.3	Cold twisted bars	kg	107.85
5.22A.4	Hot rolled deformed bars	kg	107.85
5.22A.5	Hard drawn steel wire fabric	kg	102.20
5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	107.85
5.22B	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.		
5.22B.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	99.65

Code No	Description	Unit	Rate
5.22C	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete above plinth level.		
5.22C.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	99.65
	MISCELLANEOUS		
5.23	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement : 3 fine sand).	sqm	300.45
5.24	Extra for rendering smooth the top of suspended floors, landings and staircases (treads and risers) with cement mortar 1:2 (1 cement : 2 coarse sand), including a floating coat of neat cement and protecting the surface with a layer of 7.5 cm of earth laid over 15 mm of fine sand in case of suspended floor and bricks laid in mud mortar in case of landings and steps, including subsequent removal and cleaning of the same.	sqm	150.50
5.25	Providing and fixing in position copper plate as per design for expansion joints.	kg	811.85
5.26	Providing and filling in position, blown bitumen in expansion joints.	cum	74854.65
5.27	Providing and filling in position bitumen mix filler of proportion 80 kg. of hot bitumen, 1 kg. of cement and 0.25 cubic metre of coarse sand for expansion joints.	cum	28212.60
5.28	Providing and fixing in position 12 mm thick bitumen impregnated fiber board conforming to IS: 1838, including cost of primer, sealing compound Grade-A in expansion joints.	per cm depth per 100m	655.75
5.29	Providing and fixing sheet covering over expansion joints with iron screws as per design.		
5.29.1	Non-asbestos 6 mm thick fibre cement board, Type-A, Category-III as per IS: 14862:2000		
5.29.1.1	150 mm wide	metre	245.45
5.29.1.2	200 mm wide	metre	330.20
5.29.2	Aluminium fluted strips 3.15 mm thick.		
5.29.2.1	150 mm wide	metre	567.60
5.29.2.2	200 mm wide	metre	753.85
5.29.3	Cement bonded wood particle board 6 mm thick as per IS : 14276		
5.29.3.1	150 mm wide	metre	237.40
5.29.3.2	200 mm wide	metre	319.40
5.30	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	metre	78.40
5.31	Extra for laying reinforced cement concrete in or under water and/ or liquid mud, including cost of pumping or bailing out water and removing slush etc., complete.	cum	1098.80
	Note For Item No. 5.31:- The quantity will be calculated by multiplying the depth measured from the subsoil water level up to the centre of gravity of the R.C.C. under subsoil water with the quantity of R.C.C. in cubic metre executed under subsoil water. The depth of centre of gravity shall be reckoned correct to 0.1 m (0.05 m or more shall be taken as 0.1 m and less than 0.05 m ignored). No extra payment shall be made for placing reinforcement or centering & shuttering under sub - soil water conditions.		
5.32	Extra for laying reinforced cement concrete in or under foul positions.	cum	467.55

Code No	Description	Unit	Rate
DESIGN MIX CONCRETE			
5.33	<p>Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.:</p> <p>Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.</p>		
5.33.1	All works upto plinth level		
5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	9504.75
5.33.1.2	Concrete of M30 grade with minimum cement content of 350 kg /cum	cum	9655.70
5.33.1.3	Concrete of M35 grade with minimum cement content of 370 kg /cum	cum	9806.70
5.33.1.4	Concrete of M40 grade with minimum cement content of 390 kg/cum	cum	9957.65
5.33.1.5	Concrete of M50 grade with minimum cement content of 410 kg/cum	cum	10108.65
5.33.2	All works above plinth level upto floor V level		
5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	9860.40
5.33.2.2	Concrete of M30 grade with minimum cement content of 350 kg /cum	cum	10011.35
5.33.2.3	Concrete of M35 grade with minimum cement content of 370 kg /cum	cum	10162.35
5.33.2.4	Concrete of M40 grade with minimum cement content of 390 kg /cum	cum	10313.30
5.33.2.5	Concrete of M50 grade with minimum cement content of 410 kg /cum	cum	10464.30
5.33A	<p>Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources and using recycled concrete aggregate (RCA) as coarse aggregate and fine aggregate within permissible utilization of 20% each, Portland Pozzolana /Ordinary Portland/Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.</p> <p>Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.</p>		

Code No	Description	Unit	Rate
5.33A.1	All works upto plinth level		
5.33A.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	9333.95
5.33A.2	All works above plinth level up to floor V level		
5.33A.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	9689.60
5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	quintal	733.50
5.36	Providing and placing in position precast reinforced cement concrete waffle units, square or rectangular, as per design and shape for floors and roofs in 1:1½:3 (1 Cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 10 mm nominal size derived from natural sources), including flush or deep ruled pointing at joints in Cement mortar 1:2 (1 Cement : 2 Fine sand), making necessary holes of required sizes for carrying through service lines etc., providing steel hooks for lifting etc, form work in precasting, handling, hoisting, centering and erection complete for all floor levels but, excluding the cost of reinforcement.	cum	33018.75
5.36A	Providing and placing in position precast reinforced cement concrete waffle units, square or rectangular as per design and shape for floors and roofs in 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 10 mm nominal size including Recycled Concrete Aggregate (RCA) upto 20%), including flush or deep ruled pointing at joints in cement mortar 1:2 (1 cement : 2 Fine sand), making necessary holes of required sizes for carrying through service lines etc., providing steel hooks for lifting etc, form work in precasting, handling, hoisting, centering and erection complete for all floor levels but excluding the cost of reinforcement.	cum	32847.95
5.38	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.	cum	355.65
5.41	Supplying and applying pre tested and approved water based concrete curing compound to concrete/ masonry surface, all as per manufacturer's specification and direction of Engineer-in-charge.		
5.41.1	Non pigmented wet curing compound	sqm	69.05
5.42	Providing and fixing parallel threaded couplers conforming to IS code on "Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement - Specification", to reinforcement bars including threading, enlargement at connection by forging, protecting the prepared reinforcement bars and related operations as required to complete the works per direction of Engineer- in-Charge.		
5.42.1	Coupler for 16 mm diameter reinforcement bar	each	115.10
5.42.2	Coupler for 20 mm diameter reinforcement bar	each	160.10
5.42.3	Coupler for 25 mm diameter reinforcement bar	each	228.95
5.42.4	Coupler for 28 mm diameter reinforcement bar	each	267.55
5.42.5	Coupler for 32 mm diameter reinforcement bar	each	318.80
5.43	Providing and fixing in position Stainless steel Grade 304 plate-1.0 mm thick as per design for expansion joints.		
5.43.1	200 mm wide.	metre	859.75
5.43.2	300 mm wide.	metre	1208.05

Code No	Description	Unit	Rate
5.44	Providing and fixing of expansion joint system related with floor location as per drawings and direction of Engineer-In-Charge. The joints system will be of extruded aluminum base members, self aligning / self centering arrangement and support plates etc. as per ASTM B221-02. The system shall be such that it provides floor to floor /floor to wall expansion control system for various vertical location in load application areas that accommodates multi directional seismic movement without stress to it's components. System shall consist of metal profiles with an universal aluminum base member designed to accommodate various project conditions and finish floor treatments. The cover plate shall be designed of width and thickness required to satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self- centering arrangement that freely rotates / moves in all directions. The Self - centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design and as approved by Engineer -in-Charge. (Material shall conform to ASTM 6063).		
5.44.1	Floor Joint of 100 mm gap	metre	6392.55
5.44.2	Floor Joint of 150 mm gap	metre	7812.35
5.44.3	Floor Joint of 200 mm gap	metre	9903.65
5.45	Providing and fixing of expansion joint system related with wall joint (internal/external) location as per drawings and direction of Engineer-In-Charge. The joints shall be of extruded aluminum base members, self aligning / centering arrangement and support plates as per ASTM B221-02. The material shall be such that it provides an Expansion Joints System suitable for vertical wall to wall/ wall to corner application, both new and existing construction in office Buildings & complexes with no slipping down tendency amongst the components of the Joint System. The Joint System shall utilize light weight aluminum profiles exhibiting minimal exposed aluminum surfaces mechanically snap locking the multicellular to facilitate movement. (Material shall conform to ASTM 6063).		
5.45.1	Wall Joint of 100 mm gap	metre	5305.65
5.45.2	Wall Joint of 150 mm gap	metre	5981.40
5.45.3	Wall Joint of 200 mm gap	metre	6889.05
5.46	Providing and fixing of expansion joint system of approved make and manufactures for various roof locations as per approved drawings and direction of Engineer-In-Charge. The joints shall be of extruded aluminum base members with, self aligning and self centering arrangement support plates as per ASTM B221-02. The system shall be such that it provides watertight roof to roof/roof to corner joint cover expansion control system that is capable of accommodating multidirectional seismic movement without stress to its components. System shall consist of metal profile that incorporates an universal aluminum base member designed to accommodate various project conditions and roof treatments. The cover plate shall be designed of width and thickness required to satisfy movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement.		

Code No	Description	Unit	Rate
	The Joint System shall resist damage or deterioration from the impact of falling ice, exposure to UV, airborne contaminants and occasional foot traffic from maintenance personnel. Provision of Moisture Barrier Membrane in the Joint System to have water tight joint is mandatory requirement. (Material shall conform to ASTM 6063).		
	5.46.1 Roof Joint of 100 mm gap	metre	5985.70
	5.46.2 Roof Joint of 150 mm gap	metre	6699.85
	5.46.3 Roof Joint of 200 mm gap	metre	7927.60
5.47	Providing and fixing in position factory made precast RCC M-40 door and window frame fixing with hold fast embedded in 1:3:6 concrete block, having excellent smooth finish as per IS: 6523 with reinforcement of 3 Nos, 6 mm dia main bars tied with 3 mm M.S stirrups placed @ 200 mm C/C and 6 numbers high strength polymer blocks of required size for fixing hinges including providing 6 nos. specially designed M.S. galvanised sleeves for accommodating 6 mm dia fully threaded bolts for fixing hold fast on vertical members, providing suitable arrangement for receiving sliding door bolts and tower bolt etc. all complete, as per the direction of Engineer-in-charge. The frame shall be measured in running metre correct to two places of decimal.		
	5.47.1 Door frame 125 mmx 60 mm	metre	814.85
	5.47.2 Door frame 100 mmx 60 mm	metre	757.10
	5.47.3 Door frame 85 mmx60 mm	metre	727.30
5.48	Providing and laying Reinforced cement concrete for construction of piers, abutments, portal frames, pier caps and bearing pedestals and seismic arresters over pier/ abutment caps at all locations with specified grade using Ordinary Portland Cement (conforming to strength requirement of IS:8112) including the cost of steel centering and shuttering etc. complete, including testing of materials etc. for casting pier & pier cap in one/two stage, necessary tools, plants, machinery and all related operations as required to complete the work as per drawings and Specifications with all leads, lifts and depths true to level and position but excluding the cost of providing reinforcement. Reinforcement shall be measured and paid separately. Note:- Cement content considered in this item is 480 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately.		
	5.48.1 Reinforced Cement Concrete -M-50	cum	8509.95
	5.48.2 Reinforced Cement Concrete -M-60	cum	9500.30
	5.48.3 Extra for using M-50/ M-60 Grade Self-compacting Cement Concrete	cum	664.85
5.49	Constructing cast-in situ RCC diaphragm wall by providing and laying machine batched, machine mixed, self compacting, ready mix reinforced cement concrete, tremie controlled, of M 30 grade using minimum 400 kg cement per cum of concrete including providing and mixing required admixtures in recommended proportions as per IS : 9103, as approved by the Engineer-in-charge, for achieving 150 - 200 mm slump, for diaphragm wall having thickness as per approved structural design not exceeding 600 mm, in panels of required depth and lengths as per approved drawing, including constructing necessary guide walls as required and as specified including boring in all kinds of soils and rocks, including working in or under water and / or liquid mud, in foul conditions and pumping		

Code No	Description	Unit	Rate
	<p>or bailing out of water and removing slush, including disposal of earth/ rock / slush etc. for all leads and all lifts, including preparing, providing and re-circulating bentonite slurry in the trench as and when required for all depths, including agitating bentonite slurry during trenching etc., providing and fixing stop ends or form tubes, upto the required depth of diaphragm wall including extracting the same after casting, including chipping off the bentonite adulterated concrete or unsound concrete up to the cut off level for obtaining the sound concrete, dressing undulations on the exposed face of diaphragm wall after excavation by chipping / chiseling etc. including filling the depression/ cavities with sound concrete etc. complete and as directed by the Engineer-in-charge, including providing recess for bearing plates and fixing insert boxes for inclined rock anchors etc. complete as per the specifications and approved design and as directed by the Engineer-in-charge, but excluding the cost of reinforcement and inserts. (rates include cost of all inputs of labour, material and T & P, cost of handling, lifting & placing in position the reinforcement cage in the trench, including the additional cost of welding the reinforcement bars etc. involved in the work and all other incidental expenditure for completing the work as directed by the Engineer-in-charge), However, the actual area of the diaphragm wall, correct to two places of decimal, from design bottom level to the design cut off level (including portion anchored in the rock upto the design bottom level) only shall be measured for payment.</p> <p>(rates include cost of all inputs of labour, material and T & P, cost of handling, lifting & placing in position the reinforcement cage in the trench, including the additional cost of welding the reinforcement bars etc. involved in the work and all other incidental expenditure for completing the work as directed by the Engineer-in-charge), However, the actual area of the diaphragm wall, correct to two places of decimal, from design bottom level to the design cut off level (including portion anchored in the rock upto the design bottom level) only shall be measured for payment. Excess/less cement used for design mix including the extra cement required for under water concreting is payable / recoverable separately.</p>	cum	20460.45

SUB HEAD : 6.0

MASONRY WORK

6.0 MASONRY WORK

Code No	Description	Unit	Rate
6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:		
6.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	7370.65
6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	7132.25
6.2	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:		
6.2.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	6504.90
6.2.2	Cement Mortar 1:6 (1 cement : 6 coarse sand).	cum	6295.15
6.3	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) :		
6.3.1	With F.P.S.(non modular) bricks	cum	9299.90
6.3.2	With Modular bricks	cum	8942.35
6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :		
6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	9344.35
6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	9105.95
6.5	Extra for brick work / AAC block masonry / Tile brick masonry in superstructure above floor V level, for each four floors or part thereof by mechanical means.	cum	169.45
6.6	Extra for forming cavity 5 cm to 11.5 cm wide in cavity walls with necessary weep and vent holes including use of cores and cost of providing and fixing bitumastic coated M .S. ties 300 mm long of 25x3 mm section at not less than 3 ties per sqm as per approved design.	sqm	234.20
6.7	Providing half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in cement mortar 1:3 (1 Cement : 3 coarse sand) in superstructure for closing cavity 5 to 7.5 cm wide in cavity wall complete with 10cm / 11.4 cm wide bitumen felt type 3 grade 1.	metre	300.75
6.8	Brick work 7 cm thick with common burnt clay F.P.S. (non modular) brick of class designation 7.5 in cement mortar 1:3 (1 cement : 3 coarse sand) in superstructure above plinth level and upto floor five level.	sqm	865.65
6.9	Brick work in plain arches in superstructure above plinth level and upto floor five level including centering and shuttering complete for span up to 6 metres with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in cement mortar 1:3 (1 cement : 3 coarse sand).	cum	15077.95
6.10	Brick work in gauged arches in superstructure above plinth level and upto floor five level in cement mortar 1:3 (1 cement : 3 coarse sand) including centering and shuttering complete, for span up to 6 meters with common burnt clay F.P.S. (non modular) bricks of class designation 7.5.	cum	19066.10
6.11	Extra for additional cost of centering for arches exceeding 6m span including all shuttering, bolting, wedging and removal (Area of the soffit to be measured).	sqm	608.15
	HALF BRICK MASONRY		
6.12	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in :		

Code No	Description	Unit	Rate
	6.12.1 Cement mortar 1:3 (1 cement : 3 coarse sand)	sqm	931.75
	6.12.2 cement mortar 1:4 (1 cement : 4 coarse sand)	sqm	905.05
6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.		
	6.13.1 Cement mortar 1:3 (1 cement :3 coarse sand)	sqm	1150.50
	6.13.2 Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	1123.80
6.14	Extra for half brick masonry in superstructure, above floor V level for every four floors or part thereof by mechanical means.	sqm	15.00
6.15	Extra for providing and placing in position 2 Nos 6 mm dia. M.S. bars at every third course of half brick masonry.	sqm	104.80
	BRICK TILE WORK		
6.16	Tile brick masonry with common burnt clay F.P.S. (non modular) tile bricks of class designation 10 in foundation and plinth in:		
	6.16.1 Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	11212.50
	6.16.2 Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	10831.05
6.17	Tile brick masonry with common burnt clay machine moulded tile bricks of class designation 12.5 conforming to IS : 2690 (Part I) in foundation and plinth in cement mortar 1:6 (1 cement : 6 coarse sand).	cum	11328.50
6.18	Tile brick masonry with common burnt clay F.P.S. (non modular) tile bricks of class designation 10 in superstructure above plinth level up to floor V level in cement mortar 1:6 (1 cement : 6 coarse sand).	cum	12883.05
6.20	Tile brick masonry with common burnt clay F.P.S. (non modular) tile bricks of class designation 10 in plain arch work in superstructure above plinth and upto floor five level in cement mortar 1:4 (1 cement : 4 coarse sand) including centering and shuttering complete.	cum	18975.15
6.21	Tile brick masonry with common burnt clay F.P.S. (non modular) tile bricks of class designation 10 in gauged arch work in superstructure above plinth and upto floor five level in cement mortar 1:4 (1 cement : 4 coarse sand) including centering and shuttering complete.	cum	23019.75
6.22	Tile brick masonry work 5 cm thick with common burnt clay F.P.S. (non modular) tile bricks of class designation 10 in cement mortar 1:3 (1 cement : 3 coarse sand) in superstructure above plinth and upto floor five level.	sqm	885.45
	HONEY COMB WORK		
6.23	Honey-comb brick work 10 / 11.4 cm thick with common burnt clay bricks of class designation 7.5 in super structure above plinth level upto floor V level with cement mortar 1:4 (1 cement : 4 coarse sand).	sqm	711.50
6.24	Extra for laying brick work in or under water and/or liquid mud including cost of pumping or bailing out water and removing slush etc. complete.	cum per metre depth	1098.80
	NOTE :- The quantity will be calculated by multiplying the depth measured from sub - soil water level up to the centre of gravity of brick work under sub - soil water with the quantity of brick work in cum. executed under the sub - soil water. The depth of centre of gravity shall be reckoned correct to 0.1 m, (0.05 m or more shall be taken as 0.1 m and less than 0.05 m ignored).		
6.25	Extra for laying brick work in or under foul position.	cum	467.55

Code No	Description	Unit	Rate
EXPOSED BRICK WALL			
6.26	Brick work with common burnt clay selected F.P.S. (non modular) bricks of class designation 7.5 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand)		
6.26.1	From ground level upto plinth level	cum	7361.35
6.26.2	Above plinth level upto floor V level	cum	9439.75
6.27	Brick work with common burnt clay modular bricks of class designation 7.5 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand).		
6.27.1	From ground level upto plinth level	cum	6339.20
6.27.2	Above plinth level upto floor V level	cum	8312.90
6.28	Brick work with common burnt clay machine moulded modular bricks of class designation 12.5 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand).		
6.28.1	From ground level upto plinth level	cum	6997.40
6.28.2	Above plinth level upto floor V level	cum	8971.10
6.29	Brick work with common burnt clay machine moulded F.P.S. (non modular) bricks of class designation 12.5 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand).		
6.29.1	From ground level upto plinth level	cum	7581.15
6.29.2	Above plinth level upto floor V level	cum	9481.70
6.30	Brick work with common burnt clay machine moulded perforated F.P.S. (non modular) bricks of class designation 12.5 conforming IS : 2222 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand).		
6.30.1	From ground level upto plinth level	cum	7370.30
6.30.2	Above plinth level upto floor V level	cum	9344.00
6.31	Brick work with common burnt clay machine moulded perforated modular bricks of class designation 12.5 conforming to IS : 2222 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand).		
6.31.1	From ground level upto plinth level	cum	7032.05
6.31.2	Above plinth level upto floor V level	cum	9005.75
6.32	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in :		
6.32.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	9333.45
6.32.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	9095.05
6.34	Brick work with non modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength in super structure above plinth level up to floor V level in :		
6.34.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	8962.35
6.34.2	Cement mortar 1:6 (1 cement : 6 Coarse sand)	cum	8752.55

Code No	Description	Unit	Rate
6.35	Brick work with modular calcium silicate bricks machine moulded conforming to IS:4139, class designation 10 average compressive strength in super structure above plinth level up to floor V level in :		
6.35.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	9793.75
6.35.2	Cement mortar 1:6 (1 cement : 6 Coarse sand)	cum	9583.95
6.36	Brick work with modular extruded brunt fly ash clay sewer bricks (Conforming to IS: 4885) in cement mortar 1:4 (1 cement : 4 coarse sand) in foundation and plinth :		
6.36.1	Cement Mortar 1:4 (1 cement : 4 coarse sand)	cum	7197.75
6.37	Brick work with modular extruded brunt fly ash clay sewer bricks (conforming to IS : 4885) in arches in foundation and plinth in cement mortar 1:3 (1 cement : 3 fine sand).	cum	13427.30
6.38	Providing and laying Autoclaved Aerated concrete(AAC) blocks masonry 100 mm/ 125 mm thick with Grade-1 AAC blocks of density 551 to 650 kg/cum conforming to IS:2185 (Part 3) in super structure above plinth level up to floor V level in cement mortar 1:4 (1 cement : 4 coarse sand). The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work.	cum	10195.45
6.40	Providing and laying Gypsum panel partitions 100 mm thick with water proof Gypsum panels of size 666x500x100 mm, made of calcite phosphor Gypsum fixed with tongue and groove edges and jointed with bonding plaster as per manufacturer's specifications in superstructure above plinth level up to floor V level. Gypsum blocks will have a minimum compressive strength of 9.3 kg/cm ²	sqm	1023.60
6.41	Extra for Gypsum panel Partitions in superstructure above floor V level for every four floors or part thereof.	sqm	181.15
6.44	Brick edging 7cm wide 11.4 cm deep to plinth protection with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 including grouting with cement mortar 1:4 (1 cement : 4 fine sand).	metre	59.45
6.45	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS :12894, in super structure above plinth upto floor V level.		
6.45.1	Cement mortar 1 : 3 (1 cement : 3 coarse sand)	sqm	1132.50
6.45.2	Cement mortar 1 : 4 (1 cement : 4 coarse sand)	sqm	1105.80
6.47	Providing and laying Autoclaved Aerated concrete(AAC) blocks masonry with 150 mm to 300 mm thick with Grade-1 AAC blocks of density 551 to 650 kg/cum conforming to IS:2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	cum	8333.65

SUB HEAD : 7.0
STONE WORK

7.0 STONE WORK

Code No	Description	Unit	Rate
RANDOM RUBBLE MASONRY			
7.1	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :		
7.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	7311.25
7.2	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like.		
7.2.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	9275.45
7.4	Extra for random rubble masonry with hard stone in :		
7.4.1	Square or rectangular pillars	cum	956.00
7.4.2	Circular pillars	cum	2530.60
7.5	Extra for random rubble masonry with hard stone curved on plan for a mean radius not exceeding 6 m.	cum	1046.20
COURSED RUBBLE MASONRY			
7.6	Coursed rubble masonry (first sort) with hard stone in foundation and plinth with :		
7.6.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	8812.05
7.7	Coursed rubble masonry (second sort) with hard stone in foundation & plinth with :		
7.7.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	8198.55
7.8	Coursed rubble masonry with hard stone (first or second sort) in superstructure above plinth level and upto floor five level.		
7.8.1	Masonry work (first sort), in cement mortar 1:6 (1 cement : 6 coarse sand)	cum	10741.60
7.8.2	Masonry work (second sort), in cement mortar 1:6 (1 cement : 6 coarse sand)	cum	10128.10
7.10	Extra for coursed rubble masonry with hard stone (first or second sort) in:		
7.10.1	Square or rectangular pillars	cum	1060.50
7.10.2	Circular pillars	cum	2874.20
7.11	Extra for coursed rubble masonry with hard stone (first or second sort) curved on plan for a mean radius not exceeding 6 m.	cum	1133.65
ASHLAR MASONRY			
7.12	Stone work in plain ashlar in super structure upto floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) including pointing with cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade :		
7.12.1	One face dressed		
7.12.1.1	Red sand stone	cum	68294.00
7.12.1.2	White sand stone	cum	82518.00
7.12.2	Both face dressed		
7.12.2.1	Red sand stone	cum	91295.00
7.12.2.2	White sand stone	cum	105519.00

Code No	Description	Unit	Rate
7.13	Stone work plain ashlar in arches in super structure upto floor V level in cement mortar 1:3 (1 cement : 3 coarse sand) including centering, shuttering and pointing with white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade.		
7.13.1	One face dressed		
7.13.1.1	Red sand stone	cum	75263.00
7.13.1.2	White sand stone	cum	89487.00
7.13.2	Both face dressed		
7.13.2.1	Red sand stone	cum	98265.00
7.13.2.2	White sand stone	cum	112488.00
7.14	Stone work plain ashlar in domes , in super structure upto floor V level in cement mortar 1:3 (1 cement : 3 coarse sand) including centering, shuttering and pointing with white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade.		
7.14.1	One face dressed		
7.14.1.1	Red sand stone	cum	114277.00
7.14.1.2	White sand stone	cum	128500.00
7.14.2	Both face dressed		
7.14.2.1	Red sand stone	cum	169953.00
7.14.2.2	White sand stone	cum	184177.00
7.15	Stone work ashlar punched (ordinary) in superstructure upto floor five level in cement mortar 1:6 (1 white cement : 6 coarse sand) including pointing with white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade.		
7.15.1	One face dressed		
7.15.1.1	Red sand stone	cum	64926.00
7.15.1.2	White sand stone	cum	79150.00
7.15.2	Both faced punched		
7.15.2.1	Red sand stone	cum	84560.00
7.15.2.2	White sand stone	cum	98784.00
7.16	Extra for stone work, random rubble / coursed rubble masonry / ashlar masonry above floor V level for every four floors or part thereof by mechanical means.	cum	169.45
7.17	Extra for plain ashlar or ashlar punched in :		
7.17.1	Square or rectangular pillars	cum	2896.00
7.18	Extra for stone work; plain ashlar or ashlar punched curved on plan with a mean radius not exceeding 6 m.	cum	2014.00
7.19	Extra for additional cost of centering for arches exceeding 6m span including all strutting, bolting, wedging etc. and removal (area of soffit to be measured).	sqm	608.15
SUNK, MOULDED, CARVED ASHLAR MASONRY			
7.20	Stone work ashlar sunk or moulded or sunk and moulded upto floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) including pointing with white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade :		
7.20.1	Red sand stone	cum	94463.00
7.20.2	White sand stone	cum	108686.00

Code No	Description	Unit	Rate
7.21	Extra for stone work ashlar sunk or moulded or sunk and moulded or carved in :		
7.21.1	Triangular or Square or rectangular pillars	cum	3779.00
7.21.2	Circular or polygonal pillars	cum	10706.00
7.22	Extra for stone work ashlar sunk or moulded in cornices.	per metre per cm girth (60cm deep)	303.50
MISCELLANEOUS STONE WORK			
7.24	Extra for stone work (veneer work) curved on plan with a mean radius not exceeding 6 m.	cum	2896.00
7.26	Providing and fixing stone dowels 10x5x2.50 cm cut to double wedge shape as per design in cement mortar 1:2 (1 cement : 2 coarse sand), including making the necessary chases.	each	54.55
7.28	Providing and fixing sloping chajja of stone 40 mm thick and upto 80 cm wide beyond the wall as measured along the slope in cement mortar 1:4 (1 cement : 4 coarse sand) with 12 mm diameter anchoring steel bar, 45 cm long, fixed in each stone and supported on and including with bricks cove in cement mortar 1:4 (1 cement : 4 coarse sand), including pointing in cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade :		
7.28.1	Red sand stone :		
7.28.1.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	sqm	2854.35
7.28.2	White sand stone :		
7.28.2.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	sqm	2932.60
7.29	Providing and fixing horizontal chajja of stone 40 mm thick and upto 80 cm projection in cement mortar 1:4 (1 cement : 4 coarse sand), including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade :		
7.29.1	Red sand stone	sqm	1833.25
7.29.2	White sand stone	sqm	1901.55
7.30	30 mm red sand stone sun-shade (chisel-dressed) supported on red sand stone brackets, fixed in walls with cement mortar 1:4 (1 cement : 4 coarse sand), including finishing complete.	sqm	2159.90
7.31	Providing and fixing red sand stone brackets 55x22.5x45 cm sunk and moulded including providing and fixing with 4 Nos gun metal cramp 25x6 mm 30 cm long	each	6788.85
7.32	Stone work, plain in copings, cornices, string courses and plinth courses, upto 75 mm thick in Cement mortar 1:6 (1 cement : 6 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade.		
7.32.1	Red sand stone	cum	93741.10
7.32.2	White sand stone	cum	107965.10
7.33	Providing and fixing stone jali 40 mm thick throughout in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment, matching the stone shade, jali slab without any chamfers etc.		

Code No	Description	Unit	Rate
7.33.1	Red sand stone	sqm	14931.55
7.33.2	White sand stone	sqm	14994.15
7.34	Extra for laying stone work in or under water and/or liquid mud including cost of pumping or bailing out water and removing slush etc. complete.	cum per metre depth	1098.80
	NOTE :- The quantity will be calculated by multiplying the depth measured from sub-soil water level up to the centre of gravity of stone work under sub - water with the quantity of stone work in cum executed under the sub-soil water. The depth of centre of gravity shall be reckoned correct to 0.1 m, (0.05 m or more shall be taken as 0.1 m and less than 0.05 m ignored).		
7.35	Extra for laying stone work in or under foul condition.	cum	467.55
7.38	Stone tile work for wall lining upto 10 m height with special adhesive over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including pointing in white cement with an admixture of pigment to match the stone shade.		
7.38.1	8 mm thick (mirror polished and machine cut edge)		
7.38.1.1	Granite stone of any colour and shade	sqm	3094.55
7.38.1.2	Raj Nagar plain white marble/ Udaipur green marble/ Zebra black marble	sqm	2766.45

SUB HEAD : 8.0
CLADDING WORK

8.0 CLADDING WORK

Code No	Description	Unit	Rate
8.1	Marble work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured to the backing by means of cramps, which shall be paid for separately).		
8.1.1	Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble.		
8.1.1.1	Area of slab upto 0.50 sqm	sqm	5742.55
8.1.1.2	Area of slab over 0.50 sqm	sqm	5938.00
8.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels.		
8.2.1	Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble		
8.2.1.1	Area of slab upto 0.50 sqm	sqm	3414.80
8.2.1.2	Area of slab over 0.50 sqm	sqm	3078.40
8.2.2	Granite stone slab of colour black, Cherry/Ruby red		
8.2.2.1	Area of slab upto 0.50 sqm	sqm	5413.50
8.2.2.2	Area of slab over 0.50 sqm	sqm	5136.30
8.2.3	Granite stone slab of all colour and texture except black, Cherry/Ruby red		
8.2.3.1	Area of slab upto 0.50 sqm	sqm	4170.70
8.2.3.2	Area of slab over 0.50 sqm	sqm	3848.70
8.3	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.		
8.3.1	Marble work	metre	298.60
8.3.2	Granite work	metre	510.95
8.4	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	metre	568.55
8.5	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	each	978.70
8.6	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	sqm	506.70
8.7	Providing and fixing cramps of required size & shape in RCC/ CC / Brick masonry backing with cement mortar 1:2 (1 cement :2 coarse sand), including drilling necessary hole in stones and embedding the cramp in the hole (fastener to be paid separately).		

Code No	Description	Unit	Rate
8.7.1	Gunmetal cramps	kg	723.45
8.7.2	Stainless steel cramps	kg	714.40
8.8	Providing and fixing expansion hold fasteners on C.C. /R.C.C./Brick masonry surface backing including drilling necessary holes and the cost of bolt etc complete.		
8.8.1	Wedge expansion type		
8.8.1.1	Fastener with threaded dia 6 mm	each	36.75
8.8.1.2	Fastener with threaded dia 10 mm	each	40.00
8.8.1.3	Fastener with threaded dia 12 mm	each	61.70
8.9	Stone tile (polished) work for wall lining over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and cement slurry @ 3.3 kg/sqm including pointing in white cement complete.		
8.9.1	8 mm thick		
8.9.1.1	Raj nagar plain white marble/ Udaipur green marble/ Zebra black marble	sqm	3190.30
8.9.1.2	Granite of any colour and shade	sqm	3617.55
8.10	Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.		
8.10.1	White Agaria Marble Stone	sqm	3500.45
8.10.2	Granite Stone of approved shade	sqm	4051.85
8.11	Providing and fixing machine cut, mirror/ eggshell polished , Marble stone work for wall lining (veneer work) including dado, skirting, risers of steps etc., in required design and pattern wherever required, stones of different finished surface texture, on 12 mm (average) thick cement mortar 1:3 (1 cement : 3 coarse sand) laid and jointed with white cement slurry @ 3.3 kg/sqm including pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing, polishing etc. all complete as per Architectural drawings, and as directed by the Engineer-in-Charge.		
8.11.1	18 mm thick Italian Marble stone slab,Perlato, Rosso verona, Fire Red or Dark Emperadore etc.	sqm	10414.80
8.14	Stone work (machine cut edges) for wall lining etc. (veneer work) upto 10 metre height, backing filled with a grout of average 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade : (To be secured to the backing and the sides by means of cramps and pins which shall be paid for separately) :		
8.14.1	Red sand stone - exposed face fine dressed with rough backing.		
8.14.1.1	70 mm thick	sqm	6282.40
8.14.1.2	60 mm thick	sqm	6035.85
8.14.1.3	50 mm thick	sqm	5789.90
8.14.1.4	40 mm thick	sqm	5542.60
8.14.1.5	30 mm thick	sqm	5295.90
8.14.2	Red sand stone - Exposed face machine cut and table rubbed with rough backing.		

Code No	Description	Unit	Rate
	8.14.2.1 70 mm thick	sqm	8502.25
	8.14.2.2 60 mm thick	sqm	8255.75
	8.14.2.3 50 mm thick	sqm	8009.75
	8.14.2.4 40 mm thick	sqm	7762.50
	8.14.2.5 30 mm thick	sqm	7515.80
8.14.3	White sand stone - exposed face fine dressed with rough backing .		
	8.14.3.1 70 mm thick	sqm	7278.20
	8.14.3.2 60 mm thick	sqm	6889.45
	8.14.3.3 50 mm thick	sqm	6501.55
	8.14.3.4 40 mm thick	sqm	6110.75
	8.14.3.5 30 mm thick	sqm	5722.60
8.14.4	White sand stone - Exposed face machine cut and table rubbed with rough backing.		
	8.14.4.1 70 mm thick	sqm	9498.10
	8.14.4.2 60 mm thick	sqm	9109.30
	8.14.4.3 50 mm thick	sqm	8721.45
	8.14.4.4 40 mm thick	sqm	8330.65
	8.14.4.5 30 mm thick	sqm	7942.50
8.14.5	Gang saw cut stone		
	8.14.5.1 30 mm thick White sand stone	sqm	3256.65
	8.14.5.2 30 mm thick Red sand stone	sqm	3119.20
8.15	Providing and fixing stainless steel cramps of required size and shape for anchoring stone wall lining to the backing or securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 coarse sand), including making the necessary chases in stone and holes in walls wherever required.	kg	714.40
8.16	Providing and fixing copper pins 7.5 cm long 6 mm diameter for securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 coarse sand), including making the necessary chases.	each	43.90
8.17	Wall lining butch work upto 10m height with Dholpur stone 40 mm thick rough facing on the exposed surface with stone strips of minimum length 300 mm and required width, including embedding every tenth layer and bottom most layer in masonry or concrete after making necessary chases of size 75x75 mm and by providing layer of 75 mm thick strips i/c 12 mm thick bed of cement mortar 1:3 (1 Cement : 3 coarse sand) i/c ruled pointing in cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment to match the shade of stone complete as per direction of Engineer-in-charge.	sqm	3135.00
8.18	Stone work (machine cut edges in veneer work) for wall lining upto 10 m height, backing filled with a grout of 12 mm thick cement mortar 1:3 (1 Cement : 3 coarse sand) and jointed with Cement mortar 1:2 (1 cement : 2 stone dust), including grinding with hand grinder on joints, rubbing and polishing complete. (To be secured to the backing and the sides by means of cramps and pins which shall be paid for separately).		
	8.18.1 Prepolished kota stone slabs on exposed face.		
	8.18.1.1 25 mm thick	sqm	2651.35
8.19	Extra for stone work for wall lining on exterior walls of height more than 10 m from ground level for every additional height of 3 m or part there of.	sqm	165.85

Code No	Description	Unit	Rate
STONE WORK DRY CLADDING			
8.20	Providing and fixing dry cladding upto 10 metre height with 30 mm thick gang saw cut stone with machine cut edges of uniform colour and size upto 1mx1m, fixed to structural steel frame work and/ or with the help of cramps, pins etc. and sealing the joints with approved weather sealant as per Architectural drawing and direction of Engineer-in-charge. (The steel frame work, stainless steel cramps and pins etc. shall be paid for separately).		
8.20.1	Red sand stone - 30 mm thick gang saw cut stone	sqm	2902.65
8.20.2	White sand stone - 30 mm thick gang saw cut stone	sqm	3040.10
8.21	Providing and fixing structural steel frame (for dry cladding with 30 mm thick gang saw cut with machine cut edges sand stone) on walls at all heights using M.S. square/ rectangular tube in the required pattern as per architectural drawing, including cost of cutting, bending, welding etc. The frame work shall be fixed to the wall with the help of M.S. brackets/ lugs of angle iron/ flats etc. which shall be welded to the frame and embedded in brick wall with cement concrete block 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) of size 300x230x300 mm, including cost of necessary centring and shuttering and with approved expansion hold fasteners on CC/RCC surface, including drilling necessary holes. Approved cramps/ pins etc. shall be welded to the frame work to support stone cladding, the steel work will be given a priming coat of Zinc primer as approved by Engineer-in-charge and painted with two or more coats of epoxy paint (Shop drawings shall be submitted by the contractor to the Engineer-in-charge for approval before execution). The frame work shall be fixed in true horizontal & vertical lines/planes. (Only structural steel frame work shall be measured for the purpose of payment, stainless steel cramps shall be paid for separately and nothing extra shall be paid).	kg	269.95
8.22	Providing and fixing adjustable stainless steel cramps of approved quality, required shape and size, adjustable with stainless steel nuts, bolts and washer (total weight not less than 260 gram), for dry stone cladding fixed on frame work at suitable location, including making necessary recesses in stone slab, drilling required holes etc complete as per direction of the Engineer-in-charge.	each	437.00
8.23	Providing 50x50x50 mm 2nd class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement : 3 fine sand) and making good the walls etc.	each	40.85
8.24	Providing and fixing expandable fasteners of specified size with necessary plastic sleeves and galvanised M.S. screws including drilling holes in masonry work /CC/ R.C.C. and making good etc. complete.		
8.24.1	25 mm long	each	22.35
8.24.2	32 mm long	each	24.05
8.24.3	40 mm long	each	28.30
8.24.4	50 mm long	each	29.75
8.25	Providing and fixing 2nd class teak wood plain lining tongued and grooved, including wooden plugs complete with necessary screws and priming coat on unexposed surface.		
8.25.1	40 mm thick	sqm	6646.70
8.25.2	25 mm thick	sqm	4437.80
8.25.3	20 mm thick	sqm	3601.30
8.25.4	12 mm thick	sqm	2423.25

Code No	Description	Unit	Rate
8.26	Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination and other side balancing lamination Grade I, Type II, IS : 12823 marked, including priming coat on unexposed arrangement and screws etc. complete :		
8.26.1	12 mm thick	sqm	1430.20
8.26.2	18 mm thick	sqm	1492.80
8.26.3	25 mm thick	sqm	1979.50
8.27	Providing and fixing specified wood frame work consisting of battens 50x25 mm fixed with rawl plug and drilling necessary holes for rawl plug etc. including priming coat complete.		
8.27.1	Kiln seasoned and chemically treated hollock wood	cum	187277.65
8.28	Providing and fixing plywood 4 mm thick, one side decorative veneer conforming to IS: 1328 (type-1), for plain lining / cladding with necessary screws, including priming coat on unexposed surface with :		
8.28.1	Decorative veneer facings of approved manufacture	sqm	1946.25
8.29	Providing and fixing 4 mm thick coir veneer board, ISI marked IS : 14842, plain lining with necessary screws, priming coat on unexposed surface etc., complete.	sqm	1825.05
8.30	Providing and fixing skirting with Pre-laminated (one side decorative and other side balancing lamination) flat pressed 3 layer or graded particle board (medium density) Grade I, Type II, IS :12823 marked, with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and priming coat on unexposed surface complete :		
8.30.1	18 mm thick	sqm	1976.45
8.30.2	25 mm thick	sqm	2463.10
8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	1267.95
8.32	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including: (a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. (b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4 mm thick aluminium composite panel material consisting of 3 mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5 mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc.		

Code No	Description	Unit	Rate
	(c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium items. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.	sqm	5015.05

SUB HEAD : 9.0

WOOD AND P.V.C. WORK

9.0 WOOD AND P.V.C. WORK

Code No	Description	Unit	Rate
FRAMES AND TRUSSES			
9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).		
9.1.1	Second class teak wood	cum	142949.70
9.1.2	Sal wood	cum	116520.30
9.1.3	Kiln seasoned and chemically treated hollock wood	cum	83378.05
9.2	Providing laminated veneer lumber conforming to IS:14616 and TAD -15: 2001 (Part B) in factory made frames of doors, windows, clerestory windows and other frames, wrought framed and fixing in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).	cum	131981.10
9.3	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc.		
9.3.1	Sal wood	cum	104754.35
9.3.2	Kiln seasoned and chemically treated hollock wood	cum	71337.85
9.4	Extra for additional labour for circular works, such as in frames of fan light		
9.4.1	Second class teak wood	cum	14294.95
9.4.2	Sal wood	cum	11652.05
9.4.3	Kiln seasoned and chemically treated hollock wood	cum	8338.10
9.5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note: Butt hinges and necessary screws shall be paid separately)		
9.5.1	Second class teak wood		
9.5.1.1	35 mm thick shutters	sqm	4111.95
9.5.1.2	30 mm thick shutters	sqm	3747.30
9.5.2	Kiln seasoned and chemically treated hollock wood		
9.5.2.1	35 mm thick shutters	sqm	2869.10
9.5.2.2	30 mm thick shutters	sqm	2676.85
9.5.3	Kiln seasoned selected planks of sheesham wood		
9.5.3.1	35 mm thick shutters	sqm	3638.35
9.5.3.2	30 mm thick shutters	sqm	3338.65
9.6	Providing and fixing 35 mm thick factory made laminated veneer lumber door shutter conforming to IS : 14616 and TADS 15:2001 (Part B), fixing with butt hinges of required size with necessary screws, all complete as per directions of Engineer- in-charge and panelling with panels of : (Note:- Butt hinges and necessary screws shall be paid separately)		
9.6.1	12 mm thick plain grade -1, medium density flat pressed three layer particle board FPT - I or graded wood particle board FPT- I, IS : 3087 marked, bonded with BWP type synthetic resin adhesive as per IS : 848 :	sqm	3069.05

Code No	Description	Unit	Rate
9.6.2	12 mm thick pre-laminated particle board (decorative lamination on both sides) grade -1, medium density flat pressed, three layer particle board FPT- I or graded wood particle board FPT- I, conforming to IS : 3087, bonded with BWP type synthetic resin adhesive as per IS : 848 and pre-laminated conforming to IS : 12823, Grade 1, Type - II marked.	sqm	3212.70
9.6.3	12 mm thick one side Pre-laminated particle board (decorative lamination on one side and other sides balancing lamination) grade -1, medium density flat pressed, three layer particle board FPT - I or graded wood particle board FPT-1 conforming to IS : 3087 bonded with BWP type synthetic resin adhesive as per IS : 848 and pre-laminated conforming to IS : 12823, Grade -1, Type II marked.	sqm	3450.30
9.7	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick.		
9.7.1	Second class teak wood	sqm	3323.20
9.7.2	Kiln seasoned and chemically treated hollock wood	sqm	2327.10
9.7.3	Ply wood 5 ply, 9 mm thick		
9.7.3.1	Decorative plywood both side decorative veneer (Type - I) conforming to IS 1328 BWR type	sqm	2724.25
9.7.3.2	Decorative plywood one side decorative veneer and commercial veneer on other face (Type 1) conforming to IS 1328 BWR Type	sqm	2698.40
9.7.4	Ply wood 7 ply, 9 mm thick		
9.7.4.1	Decorative plywood one side decorative veneer and commercial veneer on other face (Type 1) conforming to IS 1328 BWR Type	sqm	2907.05
9.7.5	Particle Board 12 mm thick		
9.7.5.1	Plain particle board flat pressed, 3 layer or graded wood particle board medium density Grade I, IS : 3087 marked	sqm	1693.00
9.7.5.2	Veneered flat pressed three layer or graded wood particle board with commercial veneering on both sides conforming to IS:3097, grade I	sqm	2012.05
9.7.5.3	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side, Grade I, Type II IS: 12823 marked	sqm	2081.05
9.7.5.4	Pre-laminated particle board with decorative lamination on both sides, Grade I, Type II, IS:12823 marked	sqm	2053.45
9.7.6	Coir Veneer Board (conforming to IS 14842)		
9.7.6.1	12 mm thick	sqm	2253.45
9.7.7	Float glass panes		
9.7.7.1	4 mm thick glass pane (weight not less than 10 kg/sqm).	sqm	2241.80

Code No	Description	Unit	Rate
	9.7.7.2 5.0 mm thick glass panes (weight not less than 12.50 kg/sqm).	sqm	2600.45
9.7.8	Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia. wire and 1.4 mm wide aperture with matching wood beading	sqm	1800.45
9.9	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes (weight not less than 10 kg per sqm) fixing with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws.		
9.9.1	Second class teak wood		
	9.9.1.1 35 mm thick	sqm	4940.20
	9.9.1.2 30 mm thick	sqm	4523.40
9.9.2	Kiln seasoned and chemically treated hollock wood		
	9.9.2.1 35 mm thick	sqm	3524.85
	9.9.2.2 30 mm thick	sqm	3305.20
9.9.3	Kiln seasoned selected planks of sheesham wood		
	9.9.3.1 35 mm thick	sqm	4401.55
	9.9.3.2 30 mm thick	sqm	4059.05
9.10	Providing and fixing factory made laminated veneer lumber glazed shutter conforming to IS: 14616 and TADS 15:2001 (Part B), using 4 mm thick float glass panes for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, all as per directions of Engineer-in-charge (Note:- Butt hinges and necessary screws shall be paid separately)		
	9.10.1 30 mm thick shutters	sqm	3066.20
9.11	Extra for providing heavy sheet float glass panes instead of ordinary float glass in glazed doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured)		
	9.11.1 5.0 mm thick (weight not less than 12.50 kg per sqm) instead of 4 mm thick (weight not less than 10 kg per sqm).	sqm	295.90
9.12	Extra for providing frosted glass panes 4 mm thick (weight not less than 10 kg per sqm) instead of ordinary float glass panes 4 mm thick (weight not less than 10 kg per sqm) in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	sqm	176.40
9.13	Deduct for providing pin headed glass panes instead of ordinary float glass panes 4 mm thick (weight not less than 10 kg per sqm) in doors, windows and clerestory windows shutters (Area of opening for glass panes excluding portion inside rebate shall be measured).	sqm	73.95
9.14	Extra for providing ISI marked Stainless Steel butt hinges instead of M.S. pressed butt hinges bright finished of required size with necessary screws. (Shutter area to be measured).	sqm	193.55
9.15	Deduct for not providing hinges in doors, windows or clerestory window shutters with :		
	9.15.1 ISI marked Stainless steel butt hinges with stainless steel screws :		
	9.15.1.1 For 2nd class teak wood and other class of wood shutters	sqm	253.30

Code No	Description	Unit	Rate
9.15.2	ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws.		
9.15.2.1	For 2nd class teak wood and other class of wood shutters	sqm	59.80
9.16	Providing and fixing 25 mm thick shutters for cup board etc. :		
9.16.1	Panelled or panelled & glazed shutters :		
9.16.1.1	Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws	sqm	4402.85
9.16.1.2	Second class teak wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws	sqm	4542.90
9.16.2	Glazed shutters :		
9.16.2.1	Second class teak wood including ISI marked anodized aluminium butt hinges with necessary screws	sqm	4193.25
9.16.2.2	Second class teak wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws	sqm	4241.15
9.17	Providing and fixing flat pressed three layer particle or graded plain wood board medium density exterior grade (Grade I) FPT-I, conforming and marked to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately):		
9.17.1	12 mm thick	sqm	802.95
9.17.2	18 mm thick	sqm	1020.95
9.18	Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately).		
9.18.1	18 mm thick	sqm	1245.75
9.18.2	25 mm thick	sqm	1715.20
9.20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.		
9.20.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	3473.85
9.20.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	3167.95
9.20.3	25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano hinges IS : 3818 marked with necessary screws	sqm	2819.25
9.21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:		

Code No	Description	Unit	Rate
9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	2392.65
9.21.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	2172.10
9.21.3	25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws	sqm	2093.70
9.22	Extra for Providing and fixing flush doors with decorative veneering instead of non decorative ISI marked flush door shutters conforming to IS: 2202 (Part I)		
9.22.1	On one side only	sqm	478.00
9.23	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	sqm	462.35
9.24	Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured):		
9.24.1	Rectangular or square	sqm	199.15
9.24.2	Circular	sqm	206.30
9.25	Extra if louvers (not exceeding 0.2 sqm) are provided in flush door shutters (overall area of door shutters to be measured).		
9.25.1	Decorative type door	sqm	405.45
9.26	Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).	sqm	106.70
9.27	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :		
9.27.1	35 mm thick shutters		
9.27.1.1	with ISI marked M.S. pressed butt hinges bright finished of required size		
9.27.1.1.1	Second class teak wood	sqm	4852.30
9.27.1.1.2	Kiln seasoned and chemically treated hollock wood	sqm	3599.20
9.27.1.1.3	Kiln seasoned selected class of sheesham wood	sqm	4375.00
9.27.1.2	With ISI marked stainless steel butt hinges of required size		
9.27.1.2.1	Second class teak wood	sqm	5045.85
9.27.1.2.2	Kiln seasoned and chemically treated hollock wood	sqm	3792.75
9.27.1.2.3	Kiln seasoned selected class of sheesham wood	sqm	4568.50
9.27.2	30 mm thick shutters		
9.27.2.1	with ISI marked M.S. pressed butt hinges bright finished of required size		
9.27.2.1.1	Second class teak wood	sqm	4326.80

Code No	Description	Unit	Rate
	9.27.2.1.2 Kiln seasoned and chemically treated hollock wood	sqm	3254.25
	9.27.2.1.3 Kiln seasoned selected class of sheesham wood	sqm	3918.15
	9.27.2.2 With ISI marked stainless steel butt hinges of required size		
	9.27.2.2.1 Second class teak wood	sqm	4520.30
	9.27.2.2.2 Kiln seasoned and chemically treated hollock wood	sqm	3447.80
	9.27.2.2.3 Kiln seasoned selected class of sheesham wood	sqm	4111.70
9.31	Providing and fixing wire gauge laminated veneer lumber shutters conforming to IS : 14616, and as per TADS 15 :2001 (Part B) using galvanised wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm as per IS :1568, for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, as per directions of Engineer-in-charge: (Note:- Butt hinges and necessary screws shall be paid separately)		
	9.31.1 35 mm thick shutters	sqm	3066.20
	9.31.2 30 mm thick shutters	sqm	2803.00
	MISCELLANEOUS-WOOD WORK		
9.40	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete :		
	9.40.1 2nd class teak wood		
	9.40.1.1 50x12 mm	metre	221.10
	9.40.1.2 50 x 20 mm	metre	271.75
	9.40.2 Kiln seasoned and chemically treated hollock wood		
	9.40.2.1 50x12 mm	metre	185.95
	9.40.2.2 50x20 mm	metre	213.20
9.41	Providing and fixing plain jaffri of 35x10 mm laths placed 35 mm apart (frames to be paid separately), including fixing 50x12 mm beading complete with :		
	9.41.1 Second class teak wood	sqm	2945.10
9.42	Providing and fixing 18 mm thick, 150 mm wide pelmet of flat pressed three layer or graded plain wood particle board medium density grade I, ISI marked and conforming to IS : 3087 marked, including top cover of 6 mm commercial ply wood conforming to IS: 303 BWR grade, nickel plated M.S. pipe 20 mm dia (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3 mm M.S. flat 10 cm long fixed to pelmet with hollock wood cleats of size 100 mm x 40 mm x 40 mm on both inner side of pelmet and rawl plugs 75 mm long etc. all complete.	metre	600.55
9.43	Providing and fixing 18 mm thick, 150 mm wide pelmet of coir veneer board ISI marked IS : 14842, including top cover of 6 mm coir veneer board, nickel plated M.S. Pipe 20 mm dia. (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3 mm M.S. Flat 10 cm long fixed to pelmet with hollock wood cleats of size 100 mm x 40 mm x 40 mm on both inner side of pelmet and rawl plugs 75 mm long etc. all complete.	metre	725.85

Code No	Description	Unit	Rate
9.44	Extra for using veneered particle board conforming to IS 3097 Grade I, in item of pelmet 18 mm thick 150 mm wide.		
9.44.1	Non decorative veneer on both sides	metre	38.70
9.44.2	Particle board with decorative veneering on both sides	metre	125.20
9.45	Providing and fixing teak wood lipping of size 25x3 mm in pelmet.	metre	73.70
9.46	Providing and fixing chromium plated brass curtain rod having wall thickness of 1.25 mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete :		
9.46.1	12 mm dia	metre	285.10
9.46.2	20 mm dia	metre	393.25
9.46.3	25 mm dia	metre	525.55
9.47	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets :		
9.47.1	20 mm dia (heavy type)	metre	175.00
9.47.2	25 mm dia (heavy type)	metre	186.40
9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.		
9.48.1	Fixed to steel windows by welding	kg	219.10
9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	kg	238.35
9.49	Providing and fixing expanded metal 20x60 mm strands 3.25 mm wide and 1.6 mm thick for windows etc. including 62 x19 mm beading of second class teak wood and priming coat with approved steel primer all complete.	sqm	1421.95
9.50	Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete.	sqm	1641.15
9.51	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete.		
9.51.1	With second class teak wood beading 62X19 mm	sqm	1308.35
9.51.2	With 12 mm mild steel U beading	sqm	939.20
9.52	Deduct for fixing 75x25 mm hard drawn steel wire fabric of weight not less than 7.75 Kg per sqm in panelled and glazed door and window shutter instead of glass sheet 4 mm thick (weight not less than 10 kg per sqm)	sqm	155.10
9.53	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150 mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	each	228.85
9.54	Providing beams including hoisting, fixing in position and applying wood preservative for the unexposed surfaces, etc. complete with :		
9.54.1	Sal wood	cum	103140.10
9.54.2	Hollock wood	cum	69178.05
	BRIGHT FINISHED M.S. FITTINGS		
9.55	Providing and fixing ISI marked IS:1341 M.S. pressed butt hinges bright finished with necessary screws etc. complete :		

Code No	Description	Unit	Rate
	9.55.1 125x65x2.12 mm	each	53.00
	9.55.2 100x58x1.90 mm	each	45.00
	9.55.3 75x47x1.70 mm	each	39.30
	9.55.4 50x37x1.50 mm	each	18.85
9.56	Providing and fixing ISI marked, IS : 1341, M.S. heavy weight bright finished butt hinges with necessary screws etc. complete :		
	9.56.1 125x90x4.00 mm	each	71.25
	9.56.2 100x75x3.50 mm	each	62.05
	9.56.3 75x60x3.10 mm	each	48.15
	9.56.4 50x40x2.50 mm	each	27.50
	Note: - In coastal areas, M.S. heavy weight butt hinges or stainless steel hinges shall be used.		
	COPER OXIDISED MILD STEEL FITTINGS (COPPER OXIDISED AS PER IS: 1378)		
9.57	Providing and fixing ISI marked IS:1341 oxidised M.S. pressed butt hinges with necessary screws etc. complete. (Copper oxidised as per IS 1378)		
	9.57.1 125x65x2.12 mm	each	55.75
	9.57.2 100x58x1.90 mm	each	48.20
	9.57.3 75x47x1.70 mm	each	40.50
	9.57.4 50x37x1.50 mm	each	20.00
9.58	Providing and fixing ISI marked IS: 1341 oxidised M.S. pressed Parliamentary hinges with necessary screws etc. complete (Copper oxidised as per IS 1378)		
	9.58.1 150x125x27x2.80 mm	each	91.70
	9.58.2 125x125x27x2.80 mm	each	86.00
	9.58.3 100x125x27x2.80 mm	each	75.35
	9.58.4 75x100x20x2.24 mm	each	66.65
9.59	Providing and fixing ISI marked oxidised M.S. single acting spring hinges with necessary screws etc. complete (Copper oxidised as per IS 1378)		
	9.59.1 150 mm	each	291.35
	9.59.2 125 mm	each	262.90
	9.59.3 100 mm	each	232.70
9.60	Providing and fixing ISI marked IS: 453 oxidised M.S. double acting spring hinges with necessary screws etc. complete (Copper oxidised as per IS 1378)		
	9.60.1 150 mm	each	326.90
	9.60.2 125 mm	each	291.35
	9.60.3 100 mm	each	261.15
9.61	Providing M.S. Piano hinges ISI marked IS : 3818 finished with nickel chromium plating grade 1 as per IS: 1068 and fixing with necessary screws etc., complete.		
	9.61.1 Overall width 35 mm	metre	336.45
	9.61.2 Overall width 50 mm	metre	337.90
	9.61.3 Overall width 65 mm	metre	357.80

Code No	Description	Unit	Rate
9.62	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete (Copper oxidised as per IS 1378)		
9.62.1	300x16 mm	each	216.55
9.62.2	250x16 mm	each	193.70
9.63	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete (Copper oxidised as per IS 1378)		
9.63.1	250x10 mm	each	83.90
9.63.2	200x10 mm	each	69.40
9.63.3	150x10 mm	each	59.45
9.63.4	100x10 mm	each	44.30
9.64	Providing and fixing ISI marked 85x42 mm oxidised M.S. pull bolt lock conforming to IS : 7534 with necessary screws bolts, nut and washers etc. complete (Copper oxidised as per IS 1378).	each	122.15
9.65	Providing and fixing ISI marked oxidised M.S. door latches conforming to IS:5930 with screws etc. complete (Copper oxidised as per IS 1378)		
9.65.1	300x20x6 mm	each	98.35
9.65.2	250x20x6 mm	each	79.85
9.66	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete (Copper oxidised as per IS 1378)		
9.66.1	125 mm	each	39.95
9.66.2	100 mm	each	32.55
9.66.3	75 mm	each	29.70
9.67	Providing and fixing oxidised M.S. hasp and staple (safety type) conforming to IS : 363 with necessary screws etc. complete (Copper oxidised as per IS 1378)		
9.67.1	150 mm	each	33.10
9.67.2	115 mm	each	29.70
9.67.3	90 mm	each	25.30
9.68	Providing and fixing oxidised M.S. casement stays (straight peg type) with necessary screws etc. complete (Copper oxidised as per IS 1378)		
9.68.1	300 mm weighing not less than 330 grams	each	67.40
9.68.2	250 mm weighing not less than 280 grams	each	61.05
9.68.3	200 mm weighing not less than 240 grams	each	53.95
9.69	Providing and fixing oxidised M.S. Safety chain with necessary fixtures for doors, (weighting not less than 450 gms) and Copper oxidised as per IS 1378	each	100.60
STAINLESS STEEL FITTINGS			
9.70	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :		
9.70.1	125x64x1.90 mm	each	118.20
9.70.2	100X58X1.90 mm	each	107.10
9.70.3	75x47x1.80 mm	each	80.05
9.70.4	50x37x1.50 mm	each	43.75
9.71	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete :		

Code No	Description	Unit	Rate
9.71.1	125x64x2.50 mm	each	129.85
9.71.2	100x60x2.50 mm	each	106.35
9.71.3	75x50x2.50 mm	each	89.30
BRASS FITTINGS			
9.72	Providing and fixing bright finished brass butt hinges with necessary screws etc. complete :		
9.72.1	125x85x5.5 mm (heavy type)	each	268.65
9.72.2	125x70x4 mm (ordinary type)	each	185.15
9.72.3	100x85x5.5 mm (heavy type)	each	206.40
9.72.4	100x70x4 mm (ordinary type)	each	148.25
9.72.5	75x65x4 mm (heavy type)	each	173.40
9.72.6	75x40x2.5 mm (ordinary type)	each	101.85
9.72.7	50x40x2.5 mm (ordinary type)	each	40.90
9.73	Providing and fixing bright finished brass parliamentary hinges with necessary screws etc. complete :		
9.73.1	150x125x27x5 mm	each	463.15
9.73.2	125x125x27x5 mm	each	414.60
9.73.3	100x125x27x5 mm	each	381.75
9.73.4	75x100x20x3.2 mm	each	339.20
9.74	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :		
9.74.1	250x10 mm	each	441.60
9.74.2	200x10 mm	each	358.40
9.74.3	150x10 mm	each	287.25
9.74.4	100x10 mm	each	197.50
9.75	Providing and fixing bright finished brass door latch with necessary screws etc. complete :		
9.75.1	300x16x5 mm	each	322.20
9.75.2	250x16x5 mm	each	308.00
9.76	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	each	854.65
9.77	Providing and fixing bright finished brass 100 mm mortice latch with one dead bolt and a pair of lever handles of approved quality with necessary screws etc. complete.	each	726.60
9.78	Providing and fixing bright finished brass night latch of approved quality including necessary screws etc. complete.	each	1183.30
9.79	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete.		
9.79.1	40 mm	each	311.20
9.79.2	50 mm	each	356.75
9.79.3	65 mm	each	362.40
9.79.4	75 mm	each	386.60
9.80	Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with necessary screws.	each	74.25

Code No	Description	Unit	Rate
9.81	Providing and fixing bright finished brass handles with screws etc. complete:		
9.81.1	125 mm	each	256.65
9.81.2	100 mm	each	234.70
9.81.3	75 mm	each	184.95
9.82	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	each	121.65
9.83	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	each	1124.85
9.84	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	each	983.15
9.85	Providing and fixing bright finished brass casement window fastener with necessary screws etc. complete.	each	89.00
9.86	Providing and fixing bright finished brass casement stays (straight peg type) with necessary screws etc. complete :		
9.86.1	300 mm weighing not less than 330 gms	each	218.15
9.86.2	250 mm weighing not less than 280 gms	each	175.80
9.86.3	200 mm weighing not less than 240 gms	each	167.25
9.87	Providing and fixing bright finished brass hasp and staple (safety type) with necessary screws etc. complete :		
9.87.1	150 mm	each	139.10
9.87.2	115 mm	each	126.00
9.87.3	90 mm	each	111.05
	CHROMIUM PLATED BRASS FITTINGS		
9.88	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	each	998.35
9.89	Providing and fixing chromium plated brass night latch of approved quality including necessary screws etc. complete.	each	952.80
9.90	Providing and fixing special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete.		
9.90.1	Size 40 mm	each	319.75
9.90.2	Size 50 mm	each	333.95
9.90.3	Size 65 mm	each	372.40
9.90.4	Size 75 mm	each	409.35
9.91	Providing and fixing chromium plated brass 50 mm cupboard or wardrobe knobs with nuts complete.	each	151.05
9.92	Providing and fixing chromium plated brass handles with necessary screws etc. complete:		
9.92.1	125 mm	each	231.05
9.92.2	100 mm	each	206.25
9.92.3	75 mm	each	176.40

Code No	Description	Unit	Rate
9.93	Providing and fixing chromium plated brass casement window fastener with necessary screws etc. complete.	each	155.45
9.94	Providing and fixing chromium plated brass casement stays (straight peg type) with necessary screws etc. complete :		
9.94.1	300 mm weighing not less than 330 gms	each	215.20
9.94.2	250 mm weighing not less than 280 gms	each	191.00
9.94.3	200 mm weighing not less than 240 gms	each	166.80
	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)		
9.95	Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete:		
9.95.1	125x75x4 mm	each	150.10
9.95.2	125x63x4 mm	each	126.65
9.95.3	100x75x4 mm	each	115.40
9.95.4	100x63x4 mm	each	104.75
9.95.5	100x63x3.2 mm	each	96.90
9.95.6	75x63x4 mm	each	87.90
9.95.7	75x63x3.2 mm	each	81.50
9.95.8	75x45x3.2 mm	each	76.50
	Note :- Aluminum hinges shall not be used in wooden shutters, stainless steel hinges shall be preferred.		
9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :		
9.96.1	300x16 mm	each	303.25
9.96.2	250x16 mm	each	260.60
9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :		
9.97.1	300x10 mm	each	130.10
9.97.2	250x10 mm	each	115.15
9.97.3	200x10 mm	each	99.70
9.97.4	150x10 mm	each	82.55
9.97.5	100x10 mm	each	64.70
9.98	Providing and fixing aluminium pull bolt lock, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. complete.	each	100.80
9.99	Providing and fixing 50 cm long aluminium kicking plate of size 100x3.15 mm, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete.	each	239.40
9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :		
9.100.1	125 mm	each	66.25
9.100.2	100 mm	each	59.55

Code No	Description	Unit	Rate
9.100.3	75 mm	each	51.75
9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.		
9.101.1	Single rubber stopper	each	39.60
9.101.2	Twin rubber stopper	each	72.35
9.102	Providing and fixing aluminium casement stays, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.	each	71.50
9.103	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete.	each	868.95
9.104	Providing and fixing aluminium tee channels (heavy duty) with rollers & stop end in pelmets as curtain rod.	metre	160.35
GYPSUM BOARD PARTITIONS			
9.105	Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm(both side inclusive), consisting of floor and ceiling channel 50 mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.		
9.105.1	75 mm overall thickness partition with 12.5 mm thick double skin fire rated Glass Reinforced Gypsum (GRG) plaster board conforming to IS: 2095: part 3 (Board with BIS certification marks)	sqm	2131.10
9.105.2	75 mm overall thickness partition with 12.5 mm thick double skin tapered edged plain Gypsum plaster board conforming to IS: 2095: (part I): 2011 (Board with BIS certification marks)	sqm	1818.15
9.105.3	66 mm overall thickness Partition with 8 mm thick double skin Calcium Silicate Board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process with Compressive Strength 225 kg/sq.cm, Bending Strength 100 kg./ sq.cm	sqm	2225.00

Code No	Description	Unit	Rate
9.105.4	66 mm overall thickness partition using 8 mm thick, double skin multipurpose cement board Type-B, Category-III as per IS: 14862 : 2000 reinforced with cellulose fibre manufactured through autoclaving process (High pressure steam cured) with suitable fibre cement screws	sqm	2062.85
9.105.5	66 mm overall thickness partition using 8 mm thick double skin multipurpose cement bonded wood particle board manufactured as per IS: 14276 with suitable cement bonded board screws	sqm	2034.40
9.106	Providing and fixing PTMT handles with necessary screws etc. complete.		
9.106.1	125x34x24 mm weighing not less than 23 gms	each	42.95
9.106.2	150x34x24 mm weighing not less than 26 gms	each	41.55
9.107	Providing and fixing PTMT Butt hinges with necessary screws etc. complete.		
9.107.1	75x60x10 mm fitted with 5.5 mm dia M.S. Bright Bar Rod weighing not less than 34 gms	each	75.90
9.107.2	100x75x10 mm fitted with 5.5 mm dia MS Bright Bar Rod weighing not less than 53 gms	each	89.10
9.108	Providing and fixing PTMT Tower Bolts with 12 mm one piece rod inside and necessary screws etc., complete.		
9.108.1	152x42x18 mm weighing not less than 60 gms	each	69.75
9.108.2	202x42x18 mm weighing not less than 78 gms	each	106.15
9.109	Providing and fixing PTMT door catcher of length 72 mm and dia. of 42 mm with suitable washers weighing not less than 33 gms	each	40.05
9.110	Providing and fixing Bamboo jaffery/ fencing consisting of superior quality 25 mm dia (Average) half cut bamboo placed vertically and fixed together with three numbers horizontal running members of hollock wood in scantling of section 50X25 mm, fixed with nails and G.I wire on existing support complete as per direction of Engineer-in-charge.	sqm	689.40
9.111	Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood.		
9.111.1	50x50 mm (base and height)	metre	354.35
9.112	Providing and fixing 2nd class teak wood lipping/ moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws/nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-charge.	metre	102.15
9.113	Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in-charge.	each	850.05
9.114	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete.		
9.114.1	Triple strip vertical type	each	52.50
9.114.2	Double strip (horizontal type)	each	39.70
9.115	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer-in-charge.	one set	414.20
9.116	Providing and fixing sliding arrangement in racks/ cupboards/cabinets shutter with stainless steel rollers to run inside C or E aluminium channel section (The payment of C or E channel shall be made separately)	each	20.40

Code No	Description	Unit	Rate
9.117	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge		
9.117.1	Extruded section profile size 48x40 mm	metre	270.20
9.117.2	Extruded section profile size 42x50 mm	metre	331.35
9.118	Providing and fixing to existing door frames.		
9.118.1	24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	sqm	2969.25
9.118.2	30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness . The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge.	sqm	3253.80

Code No	Description	Unit	Rate
9.118.3	25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762 mm X 25 mm or less as per requirement with an average wall thickness of 1 mm (± 0.3 mm). PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25 mm. M.S. tube having dimensions 19 mm x 19 mm and 1.0 mm (± 0.1 mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25 mm X 11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufacturer's specification and direction of Engineer-in-charge to take up necessary hardware and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places	sqm	3068.85
9.119	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge.	metre	492.70
9.120	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing.	sqm	3182.95
	9.120.1 30 mm thick plain PVC door shutters	sqm	3182.95
	9.120.2 30 mm thick pre laminated PVC door shutters	sqm	3663.80
9.121	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.	metre	570.95
9.122	Providing and fixing to existing door frames.		

Code No	Description	Unit	Rate
9.122.1	30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames.	sqm	3720.75
9.122.2	30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge.	sqm	4488.95
9.123	Providing and fixing factory made door frame (single rebate) made out of solid foam PVC extruded profile of minimum 60 mm width and minimum 30 mm thickness, having homogenous fine cellular structure and integral smooth outer skin. The frame's vertical and horizontal members to be mitered cut and joined together with PVC solvent adhesive / cement and both corners strengthened with fully threaded steel screws (of required size) fixed diagonally. The door frame is to be fixed to door jambs using 6 Nos. SS 304 grade minimum 8 mm dia CSK Phillips stainless steel self tapping screws/fasteners with PA6 grade polyamide sleeves both of required size, and gap if any between the door frame and the jamb must be filled with clear silicon, complete as per direction of the Engineer-in-Charge.	metre	696.00
9.123A	Providing PVC moulding / architrave for door frame made up of extruded solid foam PVC profile having homogenous fine cellular structure with smooth outer integral skin, minimum 30 mm width and minimum 12 mm thick suitable for fixing to frame. The molding shall be snap fitted in the groove provided in the frame & fixed with PVC solvent adhesive / cement and self tapping screws (of required size) complete as per direction of Engineer-in-Charge.	metre	135.80
9.124	Providing and fixing factory made PVC door shutter made of solid foam PVC profiles of thickness 5 mm and 15 mm at edges integrally extruded for vertical style and horizontal (top/ bottom/ lock) rails of minimum cross section of 70mmx 28mm, of shape and design as per manufacturer's specifications having homogenous fine cellular structure and smooth integral outer skin, inserted with G.I. 'C' section/ rectangular tube profile of minimum 0.30 mm thickness with 120 gsm coating as stiffeners as per manufacturer's specifications Mitred cut joints for styles and rails provided with telescopic polymeric 'L' corners are jointed together using solvent adhesive and strengthened with fully threaded stainless steel screws (of required size) through reinforced stiffener with paneling of specified solid foam PVC board/ high pressure laminate of required thickness and of approved design and shade (matching the styles and rails), secured within styles and rails with specially designed solid foam PVC moulded beadings of required size using PVC solvent adhesive/ cement. The finished door shutter including SS hardware, 1 no. ss sliding bolt 200 x 10mm, 1 no. SS tower bolt 200 x 10 mm and 2 nos. SS handles 125mm, shall be fixed to frame with 3 nos. stainless steel hinges of minimum size 100x58x1.9 mm and stainless steel screws of required size complete as per direction of the Engineer-in-Charge. (Cost of above hardware is inclusive in rates)		

Code No	Description	Unit	Rate
9.124.1	5 mm thick solid foam PVC panel of required size with moulded/ extruded beading of appropriate design shape and size as per manufacturer's specifications (to secure the panel insert tight in place within the style and rails of shutter) matching the colour and shade of shutter frame. Non decorative type.	sqm	3754.20
9.124.2	5 mm thick solid foam PVC panel of required size with moulded/ extruded beading of appropriate design shape and size as per manufacturer's specifications (to secure the panel insert tight in place within the style and rails of shutter) matching the colour and shade of shutter frame. Decorative type.	sqm	4138.35
9.124.3	3 mm thick high pressure laminate (decorative type) with moulded/ extruded beading of appropriate design shape and size as per manufacturer's specifications (to secure the panel insert tight in place within the style and rails of shutter) matching the colour and shade of shutter frame. Non decorative type.	sqm	4678.95
9.126	Providing and fixing 12 mm thick panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick.		
9.126.1	Marine plywood conforming to IS: 710	sqm	2486.25
9.126.2	Fire retardant plywood conforming to IS: 5509	sqm	2777.70
9.127	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.		
9.127.1	1.5 mm thick	sqm	1045.95
9.127.2	1.0 mm thick	sqm	897.30
9.128	Providing and fixing factory made Fiberglass Reinforced plastics (F.R.P.) chajja 4 mm thick of required colour, size and design made by Resin Transfer Moulding (RTM) Machine Technology, resulting in void free compact laminate in single piece, having smooth gradual slope curvature for easy drainage of water and duly reinforced by 2 nos vertically and 1 nos horizontally 50x2 mm thick M.S. flat with 12 mm in built hole for grouting on the existing wall along with the 50 mm flanges duly inserted and sealed in the wall complete in one single piece casted monolithically, including all necessary fittings . The FRP Chajja should be manufactured using unsaturated Polyester resin as per IS: 6746, duly reinforced with fibre glass chopped strand mat (CSM) as per IS: 11551 complete with protective Gel coat U/V coating on Top for complete resistance from the extreme of temperature, weather & sunlight (Only plan area of chajjas shall be measured for making payment).	sqm	5207.45
9.129	Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including 11nd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge	sqm	2307.35

Code No	Description	Unit	Rate
9.130	Providing and fixing cup board shutters with 25 mm thick veneered particle board IS : 3097 marked, exterior grade (Grade I), of approved make, including IInd class teak wood lipping of 25 mm wide x 12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of Engineer-in-Charge.		
9.130.1	With decorative veneering on one side and commercial veneering on other side	sqm	1927.50
9.130.2	With non decorative veneering on both sides	sqm	1809.40
9.131	Providing and fixing factory made shutters of Pre-laminated particle board flat pressed three layer or graded wood particle board with one side decorative finish and other side balancing lamination conforming to IS: 12823 Grade I Type II, of approved design, and edges sealed with water resistant paint and lipped with aluminium 'U' type edge beading all- round the shutter, including fixing with angle cleat, grip strip, cadmium plated steel screws, including fixing of aluminium hinges 100x63x4 mm etc. complete as per architectural drawing and direction of Engineer-in-Charge (Cost of 'U' beading and hinges will be paid for separately).		
9.131.1	25 mm thick	sqm	1801.60
9.132	Providing and fixing aluminum U beading of required size to Pre-laminated/flush door shutter, including fixing etc. complete as per direction of Engineer-in-charge.	kg	596.15
9.133	Providing and fixing, in position concealed G.I. section for wall paneling using board of required thickness fixed on the 'W' profile (0.55 mm thick) having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm, placed @ 610 mm C/C in perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm. Perimeter channel is fixed on the floor and the ceiling with the nylon sleeves @ 610 mm C/C with fully threaded self-tapping dry wall screws. Board is fixed to the 'W' profile with 25 mm countersunk ribbed head screws @ 200 mm C/C., all complete as per the drawing & directions of engineer-in-charge, the joints of the boards are finished with specially formulated jointing compound and 48 mm wide jointing tape to provide seamless finish.		
9.133.1	Tapered edge calcium silicate board made with calcareous & siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with compressive strength 225 kg/sq.cm, Bending strength 100 kg/sq.cm.		
9.133.1.1	10 mm thick	sqm	1790.95
9.133.2	Multipurpose cement board reinforced with suitable fibre cement screw.		
9.133.2.1	8 mm thick cement fibre board, Type- B, Category- III as per IS: 14862 : 2000	sqm	1443.45
9.133.2.2	8 mm thick Cement bonded wood particle board as per IS:14276	sqm	1427.80
9.133.3	Plain Gypsum plaster board conforming to IS: 2095 Part -1:2011 (Board with BIS certification marks)		
9.133.3.1	12.5 mm thick	sqm	1308.85
9.134	Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws :		

Code No	Description	Unit	Rate
9.134.1	35 mm thick shutters		
9.134.1.1	with ISI marked M.S. pressed butt hinges bright finished of required size		
9.134.1.1.1	Second class teak wood	sqm	5024.15
9.134.1.1.2	Kiln seasoned and chemically treated hollock wood	sqm	3771.00
9.134.1.1.3	Kiln seasoned selected class of sheesham wood	sqm	4546.80
9.134.1.2	With ISI marked stainless steel butt hinges of required size		
9.134.1.2.1	Second class teak wood	sqm	5217.65
9.134.1.2.2	Kiln seasoned and chemically treated hollock wood	sqm	3964.55
9.134.1.2.3	Kiln seasoned selected class of sheesham wood	sqm	4740.30
9.134.2	30 mm thick shutters		
9.134.2.1	with ISI marked M.S. pressed butt hinges bright finished of required size		
9.134.2.1.1	Second class teak wood	sqm	4498.60
9.134.2.1.2	Kiln seasoned and chemically treated hollock wood	sqm	3426.05
9.134.2.1.3	Kiln seasoned selected class of sheesham wood	sqm	4090.00
9.134.2.2	With ISI marked stainless steel butt hinges of required size		
9.134.2.2.1	Second class teak wood	sqm	4692.10
9.134.2.2.2	Kiln seasoned and chemically treated hollock wood	sqm	3619.60
9.134.2.2.3	Kiln seasoned selected class of sheesham wood	sqm	4283.50
9.135	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete.		
9.135.1	With 2nd class teak wood beading 62X19 mm	sqm	1597.15
9.135.2	With 12 mm mild steel U beading	sqm	1228.00
9.136	Providing and fixing fire resistant door frame of section 143 x 57 mm having built in rebate made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/sqm) duly filled with vermiculite based concrete mix, suitable for mounting 60 minutes fire rated door shutters. The frame is fitted with intumescent fire seal strip of size 10x4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including applying a coat of approved brand fire resistant primer etc. complete as per direction of Engineer-in-charge (Dash fastener to be paid for separately).	metre	1709.25

Code No	Description	Unit	Rate
9.137	Providing and fixing 50 mm thick glazed fire resistant door shutters of 60 minutes fire rating conforming to IS:3614 (Part-II), tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, lock rail, top rail 100 mm wide, bottom rail 200 mm wide, made out of 16 SWG G.I.sheet (zinc coating not less than 120 gm/sqm) duly filled FR insulation material and fixing with necessary stainless steel ball bearing hinges of approved make, including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer-in-charge (panneling to be paid for separately).	sqm	7533.20
9.138	Providing and fixing glazing in fire resistant door shutters, fixed panels & partitions etc., with G.I. beading made out of 1.6 mm thick G.I. sheet (zinc coating not less than 120 gm/sqm) of size 20 x 33 mm screwed with M4 x 38 mm SS screws at distance 75 mm from the edges and 150 mm c/c , including applying a coat of approved fire resistant primer/ powder coating of not less than 30 micron on G.I. beading, & special ceramic tape of 5 x 20 mm size etc complete in all respect as per NBC 2016, IS 16231 (Part 3):2016 and as per direction of Engineer-in-charge with glass of required thickness having 60 minutes of fire resistance both integrity & radiation control (EW60) and minimum 20 minutes of insulation (EI20). The manufacturer have to give test report/certification of fire glass and the glass should have the stamp showing the value of E, EW & EI. The glass shall be tested in approved NABL accredited lab or by any other accreditation body which operates in accordance with ISO/IEC 17011 and accredits labs as per ISO/IEC 17025 for testing and calibration scopes shall be eligible. The maximum glazing size shall not be more than 1100x2200 mm (w x h) or 2.42 sqm.	sqm	40405.55
9.139	Providing and fixing panic bar / latch (Double point) fitted with a single body, Trim Latch & Lock on back side of the Panic Latch of reputed brand and manufacture to be approved by the Engineer- in- charge, all complete.	each	8366.15
9.140	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in- charge (Frame work shall be paid for separately).		
9.140.1	12 mm thick commercial ply conforming to IS : 1328 BWR type	sqm	1224.65
9.141	Providing and fixing PVC Door Frame of size 50x47 mm with a wall thickness of 5 mm (\pm 0.2 mm), made out of single piece extruded PVC profile, with mitred cut joints and joint with 2 nos of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 x 15 mm & self driven self tapping screws, the vertical door profiles to be reinforced with 40x20 mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5 mm PVC frame strip with PVC solvent cement on the back of the profile. The door frame to be fixed to the wall using 8 x100 mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in- charge.	metre	573.45

Code No	Description	Unit	Rate
9.142	35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded solid PVC profiles, 5 mm (± 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitred cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer-in-charge.		
9.142.1	Non decorative finish (matt finish)	sqm	3997.45
9.142.2	Decorative finish (wood grained finish)	sqm	4713.05
9.143	Providing and Fixing factory made uPVC door frame, made of uPVC extruded sections, of size 65 mm x 55 mm with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be mitred cut and jointed with plastic brackets and stainless steel screws, reinforcing hinge side vertical of the frames with PVC profile of Size 28 mm x 30 mm having wall thickness 2 mm (± 0.2 mm), including providing & fixing 3 nos of 125 mm long stainless steel hinges to the frame, fixing the frame with jamb with required number & size of anchor dash fasteners, all complete as per manufacturer's specification and direction of Engineer-in-charge.	metre	623.00
9.144	Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitred cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-in-charge.	sqm	4076.05
9.145	Providing and Fixing factory made PVC door frame made of PVC extruded sections of size 75 mm x 53 mm, having wall thickness 2.0 mm (± 0.2 mm). Both vertical sides of the frame reinforced with PVC profile of cross section size 28 mm x 30 mm x 2 mm thickness (± 0.2 mm) and 75 mm x 200 mm long, including reinforcing both ends of the top frame with PVC profile. PVC Door Frame and PVC reinforcement profile to be mitred cut, jointed and fusion welded together, including providing and fixing 3 nos of 125 mm long stainless steel hinges to frame, fixing the frame with jamb with required nos & sizes of anchor dash fastener, all complete as per manufacturer's specification and direction of engineer- in-charge.	metre	763.85

Code No	Description	Unit	Rate
9.146	Providing and fixing 37 mm thick factory made PVC Door shutter, styles and rails made of PVC hollow extruded printed and laminated section having overall dimension 115 mm x 37 mm with wall thickness 2 mm (\pm 0.2 mm) with inbuilt beading on one side, the styles and rails mitred cut and joint at corners by inserting 2 nos PVC profile reinforcement of size 75 mm x 200 mm long with cross section size of 28 mm x 30 mm having wall thickness 2 mm (\pm 0.2 mm). Styles, rails and reinforcements to be fusion welded together. Only hinge side vertical style to be reinforced with PVC profile reinforcement in full length. Printed and laminated PVC lock rail of size 110 mm x 37 mm having wall thickness 2 mm (\pm 0.2 mm) to be welded horizontally with the vertical styles after inserting PVC profile reinforcement as in styles and rails, providing with PVC snap fit beading, panels of 100 x 20 mm printed & laminated and inserting 2 nos 6 mm dia bright steel rod horizontally with both side threaded and tightened with check nuts and washers complete, all as per manufacturer's specification and direction of engineer-in-charge.	sqm	4362.00
9.147A	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge.		
	Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately.		
	Note:- Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for : (i) Sites with basic wind speed > 45 m/sec as per IS 875 – Part 3 (ii) Sites with structure height more than 20m for all wind speeds		
9.147.A1	Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.		
9.147.A1.1	Using R2 series with frame (40 mm & above) x (40 mm & above) & sash (25 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated touch locks with hook (Height upto 1.2 metre).	sqm	8298.85

Code No	Description	Unit	Rate
9.147.A1.2	Using R3 series with frame (55 mm & above) x (40 mm & above) & sash (30 mm & above) x (55 mm & above) with zinc alloy (zamak) powder coated handle on every panel along with multi-point locking system (Height upto 1.8m).	sqm	8799.25
9.147.A1.3	Using R4 series with frame (64 mm & above) x (45 mm & above) & sash (44 mm & above) x (55 mm & above) with zinc alloy (zamak) powder coated handle on every panel along with multi-point locking system (Height above 1.8m).	sqm	9628.60
9.147.A2	Two track four panels sliding windows with Aluminium channel for roller track, wool pile, zinc alloy (zamak) powder coated handle on three panels along with multi-point locking system, nylon rollers with SS 304 body.		
9.147.A2.1	Using R3 series with frame (55 mm & above) x (40 mm & above) & sash (30 mm & above) x (55 mm & above) (Height upto 1.8m).	sqm	7860.35
9.147.A2.2	Using R4 series with frame (64 mm & above) x (45 mm & above) & sash (44 mm & above) x (55 mm & above) (Height above 1.8m).	sqm	8579.55
9.147.A3	Two and half track three panels sliding window with two glazed & one wire mesh panels with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.		
9.147.A3.1	Using R2 series with frame (65 mm & above) x (40 mm & above) & glazed sash (25 mm & above) x (50 mm & above) & fly screen sash (18 mm & above) x (40 mm & above) with zinc alloy (zamak) powder coated touch locks with hook (Height upto 1.2 metre).	sqm	9873.05
9.147.A3.2	Using R3 series with frame (85 mm & above) x (40 mm & above) & glazed sash (30 mm & above) x (55 mm & above) & fly screen sash (20 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated handle on every glazed panel along with multi-point locking system. (Height upto 1.8 metre).	sqm	9968.70
9.147.A4	Three track three panels sliding window with two glazed & one wire mesh panels with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.		
9.147.A4.1	Using R2 series with frame (70 mm & above) x (40 mm & above) & both glazed and fly screen sash (25 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated touch locks with hook. (Height upto 1.2 metre).	sqm	10993.55
9.147.A4.2	Using R3 series with frame (98 mm & above) x (40 mm & above) & both glazed and fly screen sash (30 mm & above) x (55 mm & above) with zinc alloy (zamak) powder coated handle on every glazed panel along with multi-point locking system. (Height upto 1.8m).	sqm	10874.20

Code No	Description	Unit	Rate
9.147.A4.3	Using R4 series with frame (115 mm & above) x (45 mm & above) & both glazed and fly screen sash (44 mm & above) x (55 mm & above) with zinc alloy (zamak) powder coated handle on every glazed panel along with multi-point locking system. (Height above 1.8m)	sqm	12372.25
9.147.A5	Three track three panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.		
9.147.A5.1	Using R2 series with frame (70 mm & above) x (40 mm & above) & sash (25 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated touch locks with hook. (Height upto 1.2 metre).	sqm	8748.35
9.147.A5.2	Using R3 series with frame (98 mm & above) x (40 mm & above) & sash (30 mm & above) x (55 mm & above) with zinc alloy (zamak) powder coated handle on two end panels along with multi-point locking system (Height upto 1.8 metre).	sqm	8543.60
9.147.A5.3	Using R4 series with frame (115 mm & above) x (45 mm & above) & sash (44 mm & above) x (55 mm & above) with zinc alloy (zamak) powder coated handle on two end panels along with multi-point locking system. (Height above 1.8 metre).	sqm	9888.35
9.147.B1	Two track two panels sliding door with Aluminium channel for roller track, wool pile, zinc alloy (zamak) powder coated handle on every panel along with multi-point locking system, adjustable nylon rollers with SS 304 body.		
9.147.B1.1	Using R3 series with frame (55 mm & above) x (40 mm & above) & sash (30 mm & above) x (74 mm & above). (Height upto 2.5 metre).	sqm	8106.30
9.147.B1.2	Using R4 series with frame (64 mm & above) x (45 mm & above) & sash (44 mm & above) x (85 mm & above). (Height above 2.5 metre).	sqm	7732.85
9.147.B2	Two track four panels sliding door with Aluminium channel for roller track, wool pile, zinc alloy (zamak) powder coated handle on three panels along with multi-point locking system, adjustable nylon rollers with SS 304 body.		
9.147.B2.1	Using R3 series with frame (55 mm & above) x (40 mm & above) & sash (30 mm & above) x (74 mm & above). (Height upto 2.5 metre).	sqm	7345.35
9.147.B2.2	Using R4 series with frame (64 mm & above) x (45 mm & above) & sash (44 mm & above) x (85 mm & above). (Height above 2.5 metre).	sqm	7196.70
9.147.B3	Three track three panels sliding door with two glazed & one wire mesh panels with Aluminium channel for roller track, wool pile, zinc alloy (zamak) powder coated handle on two panels along with multi-point locking system, adjustable nylon rollers with SS 304 body.		

Code No	Description	Unit	Rate
9.147.B3.1	Using R3 series with frame (98 mm & above) x (40 mm & above) & both glazed and fly screen sash (30 mm & above) x (74 mm & above). (Height upto 2.5 metre).	sqm	10078.95
9.147.B3.2	Using R4 series with frame (115 mm & above) x (45 mm & above) & both glazed and fly screen sash (44 mm & above) x (85 mm & above). (Height above 2.5 metre).	sqm	9894.80
9.147.B4	Three track three panels sliding door with Aluminium channel for roller track, wool pile, zinc alloy (zamak) powder coated handle on two panels along with multi-point locking system, adjustable nylon rollers with SS 304 body.		
9.147.B4.1	Using R3 series with frame (98 mm & above) x (40 mm & above) & sash (30 mm & above) x (74 mm & above). (Height upto 2.5 metre).	sqm	8287.05
9.147.B4.2	Using R4 series with frame (115 mm & above) x (45 mm & above) & sash (44 mm & above) x (85 mm & above). (Height above 2.5 metre).	sqm	7943.95
9.147.C1	Fixed window / ventilator without mullion / transom.		
9.147.C1.1	Using R1 series with frame (33 mm & above) x (35 mm & above). (Height upto 0.90 metre)	sqm	8247.25
9.147.C1.2	Using R2 series with frame (39 mm & above) x (39 mm & above). (Height upto 1.2 metre)	sqm	8054.75
9.147.C1.3	Using R3 series with frame (55 mm & above) x (45 mm & above). (Height upto 2.5 metre)	sqm	7080.05
9.147.C1.4	Using R4 series with frame (64 mm & above) x (50 mm & above). (Height above 2.5 metre)	sqm	6032.85
9.147.C2	Fixed window / ventilator with mullion / transom.		
9.147.C2.1	Using R1 series with frame (33 mm & above) x (35 mm & above) & mullion (33 mm & above) x (50 mm & above). (Height upto 0.90 metre)	sqm	9155.20
9.147.C2.2	Using R2 series with frame (39 mm & above) x (39 mm & above) & mullion (39 mm & above) x (60 mm & above). (Height upto 1.2 metre)	sqm	8765.40
9.147.C2.3	Using R3 series with frame (55 mm & above) x (45 mm & above) & mullion (55 mm & above) x (65 mm & above). (Height upto 2.5 metre)	sqm	7827.75
9.147.C2.4	Using R4 series with frame (64 mm & above) x (50 mm & above) & mullion (64 mm & above) x (70 mm & above). (Height above 2.5 metre)	sqm	6528.80
9.147.D1	Ventilator Casement window single panel with or without fixed panel with S.S. 304 friction hinges as per size and weight of sash, single point locking zinc alloy (zamak) powder coated handles.		
9.147.D1.1	Using R1 series with frame (33 mm & above) x (35 mm & above) & sash /mullion (33 mm & above) x (50 mm & above). (Height upto 0.90 metre).	sqm	13201.20

Code No	Description	Unit	Rate
9.147.D1.2	Using R2 series with frame (39 mm & above) x (39 mm & above) & sash /mullion (39 mm & above) x (60 mm & above). (Height upto 1.2 metre)	sqm	12254.90
9.147.D1.3	Using R3 series with frame (55 mm & above) x (45 mm & above) & sash /mullion (55 mm & above) x (65 mm & above). (Height above 1.2 metre)	sqm	11919.85
9.147.E1	Casement window single panel with S.S. 304 friction hinges as per size and weight of sash, multi-point locking system, zinc alloy (zamak) powder coated handles.		
9.147.E1.1	Using R2 series with frame (39 mm & above) x (39 mm & above) & sash (39 mm & above) x (60 mm & above). (Height upto 1.2 metre)	sqm	14449.25
9.147.E1.2	Using R3 series with frame (55 mm & above) x (45 mm & above) & sash (55 mm & above) x (65 mm & above). (Height upto 1.8 metre)	sqm	13387.15
9.147.E1.3	Using R4 series with frame (64 mm & above) x (50 mm & above) & sash (64 mm & above) x (70 mm & above). (Height above 1.8 metre)	sqm	14587.05
9.147.E2	Casement window double panels with fixed mullion with S.S. 304 friction hinges as per size and weight of sash, multi-point locking system, zinc alloy (zamak) powder coated handles.		
9.147.E2.1	Using R2 series with frame (39 mm & above) x (39 mm & above) & sash (39 mm & above) x (60 mm & above) & mullion (39 mm & above) x (60 mm & above). (Height upto 1.2 metre).	sqm	13078.70
9.147.E2.2	Using R3 series with frame (55 mm & above) x (45 mm & above) & sash (55 mm & above) x (65 mm & above) & mullion (55 mm & above) x (65 mm & above). (Height upto 1.8 metre).	sqm	12472.95
9.147.E2.3	Using R4 series with frame (64 mm & above) x (50 mm & above) & sash (64 mm & above) x (70 mm & above) & mullion (64 mm & above) x (70 mm & above). (Height above 1.8 metre).	sqm	13477.10
9.147.E3	Casement window double panels with French (False) Mullion with S.S. 304 friction hinges as per size and weight of sash, multi-point locking system, zinc alloy (zamak) powder coated handles.		
9.147.E3.1	Using R2 series with frame (39 mm & above) x (39 mm & above) & sash (39 mm & above) x (60 mm & above) & French (False) mullion (39 mm & above) x (60 mm & above). (Height upto 1.2 metre).	sqm	11715.95
9.147.E3.2	Using R3 series with frame (55 mm & above) x (45 mm & above) & sash (55 mm & above) x (65 mm & above) & French (False) mullion (55 mm & above) x (60 mm & above). (Height upto 1.8 metre).	sqm	11466.80

Code No	Description	Unit	Rate
9.147.E3.3	Using R4 series with frame (64 mm & above) x (50 mm & above) & sash (64 mm & above) x (70 mm & above) & French (False) mullion (64 mm & above) x (60 mm & above) . (Height above 1.8 metre).	sqm	12496.30
9.147.E4	Casement cum fixed panel window having one single casement panel & one fixed panel with S.S 304 friction hinges as per size and weight of sash, multi-point locking system, zinc alloy (zamak) powder coated handles.		
9.147.E4.1	Using R2 series with frame (39 mm & above) x (39 mm & above) & sash (39 mm & above) x (60 mm & above) & mullion (39 mm & above) x (60 mm & above). (Height upto 1.2 metre; each openable shutter upto 0.8m width)	sqm	9870.15
9.147.E4.2	Using R3 series with frame (55 mm & above) x (45 mm & above) & sash (55 mm & above) x (65 mm & above) & mullion (55 mm & above) x (65 mm & above). (Height upto 1.8 metre; each openable shutter upto 0.8m width)	sqm	9308.00
9.147.E4.3	Using R4 series with frame (64 mm & above) x (50 mm & above) & sash (64 mm & above) x (70 mm & above) & mullion (64 mm & above) x (70 mm & above). (Height above 1.8 metre; each openable shutter upto 0.8m width)	sqm	10212.60
9.147.E5	Casement cum fixed panel window having single casement panel at both ends & middle fixed panel with S.S 304 friction hinges as per size and weight of sash, multi-point locking system, zinc alloy (zamak) powder coated handles.		
9.147.E5.1	Using R2 series with frame (39 mm & above) x (39 mm & above) & sash (39 mm & above) x (60 mm & above) & mullion (39 mm & above) x (60 mm & above). (Height upto 1.2 metre; each openable shutter upto 0.8m width)	sqm	10474.05
9.147.E5.2	Using R3 series with frame (55 mm & above) x (45 mm & above) & sash (55 mm & above) x (65 mm & above) & mullion (55 mm & above) x (65 mm & above). (Height upto 1.8 metre; each openable shutter upto 0.8m width)	sqm	10051.20
9.147.E5.3	Using R4 series with frame (64 mm & above) x (50 mm & above) & sash (64 mm & above) x (70 mm & above) & mullion (64 mm & above) x (70 mm & above). (Height above 1.8 metre; each openable shutter upto 0.8m width)	sqm	10200.75
9.147.E6	Casement Window with Double Rebate Frame with one Side Hung Glazed Panel and one Side Hung wire mesh Panel with S.S. 304 friction hinges as per size and weight of sash, multi-point locking system, zinc alloy (zamak) powder coated handles on both glazed and fly screen panel		

Code No	Description	Unit	Rate
9.147.E6.1	Using R3 series with frame (110 mm & above) x (45 mm & above) & glazed sash (55 mm & above) x (65 mm & above) & fly screen sash (30 mm & above) x (55 mm & above) & metal grill (if required to be paid separately). (Height upto 1.8 metre)	sqm	22785.35
9.147.E7	Casement Window with Double Rebate Frame with two Side Hung Glazed Panel and two Side Hung wire mesh Panel and Fixed Mullion with S.S. 304 friction hinges as per size and weight of sash, multi-point locking system, zinc alloy (zamak) powder coated handles on both glazed and fly screen panel.		
9.147.E7.1	Using R3 series with frame (110 mm & above) x (45 mm & above) & glazed sash (55 mm & above) x (65 mm & above) & fly screen sash (30 mm & above) x (55 mm & above) & mullion (55 mm & above) x (65 mm & above) & metal grill (if required to be paid separately). (Height upto 1.8 metre)	sqm	20576.30
9.147.E8	Casement Window with Double Rebate Frame with two Side Hung Glazed Panel on outside and two Side Hung wire mesh Panel on inside and French (False) Mullion with S.S. 304 friction hinges as per size and weight of sash, multi-point locking system, zinc alloy (zamak) powder coated handles with shoot bolt on both glazed and fly screen panel.		
9.147.E8.1	Using R3 series with frame (110 mm & above) x (45 mm & above) & glazed sash (55 mm & above) x (65 mm & above) & fly screen sash (30 mm & above) x (55 mm & above) & French (False) mullion (55 mm & above) x (60 mm & above) & metal grill (if required to be paid separately). (Height upto 1.8 metre).	sqm	19047.60
9.147.F1	Casement door single panel with zinc alloy (zamak) 3D hinges, multi-point locking system with cylinder, zinc alloy (zamak) powder coated handles on both sides.		
9.147.F1.1	Using R3 series with frame (55 mm & above) x (50 mm & above) & sash (55 mm & above) x (85 mm & above) (Height upto 2.5 metre).	sqm	12496.05
9.147.F1.2	Using R4 series with frame (64 mm & above) x (55 mm & above) & sash (64 mm & above) x (100 mm & above). (Height above 2.5 metre).	sqm	12454.40
9.147.F2	Casement door double panel with French (False) Mullion with zinc alloy (zamak) 3D hinges, multi-point locking system with cylinder, zinc alloy (zamak) powder coated handles on both sides.		
9.147.F2.1	Using R3 series with frame (55 mm & above) x (50 mm & above) & sash (55 mm & above) x (85 mm & above) & French (False) mullion (55 mm & above) x (60 mm & above). (Height upto 2.5 metre).	sqm	11903.75

Code No	Description	Unit	Rate
9.147.F2.2	Using R4 series with frame (64 mm & above) x (55 mm & above) & sash (64 mm & above) x (100 mm & above) & French (False) mullion (64 mm & above) x (60 mm & above). (Height above 2.5 metre).	sqm	11818.95
9.147.F3	Casement Door with Double Rebate Frame with one Side Hung Glazed Panel and one Side Hung wire mesh Panel with zinc alloy (zamak) 3D hinges, multi-point locking system with cylinder, zinc alloy (zamak) powder coated handles on both sides of glazed panel and zinc alloy (Zamak) powder coated handle along with multi-point locking system on one side of fly screen panel.		
9.147.F3.1	Using R3 series with frame (110 mm & above) x (45 mm & above) & glazed sash (55 mm & above) x (85 mm & above) & fly screen sash (55 mm & above) x (65 mm & above). (Height upto 2.5 metre).	sqm	19994.40
9.148	Providing and fixing stainless steel (SS-304 grade) friction hinges to the side/top hung uPVC windows, of approved quality, with necessary stainless steel screws etc. as per direction of Engineer-in-charge.		
9.148.1	200 x 19 x 1.9 mm	each	381.30
9.148.2	250 x 19 x 1.9 mm	each	422.55
9.148.3	300 x 19 x 1.9 mm	each	459.55
9.148.4	350 x 19 x 1.9 mm	each	624.60
9.148.5	400 x 19 x 1.9 mm	each	610.35
9.149	Providing and fixing casement handle made of zinc alloyed (white powder coated) for uPVC casement window with necessary screws etc. complete.	each	231.05
9.150	Providing and fixing zinc alloyed (white powder coated) touch lock for uPVC sliding window with necessary screws etc. complete.	each	204.00
9.151	Providing and fixing steel roller for uPVC sliding window with necessary screws etc. complete.	each	115.80
9.152	Providing and fixing steel roller for uPVC sliding door with necessary screws etc. complete.	each	185.50
9.153	Providing and fixing steel (white power coated) crescent lock for uPVC sliding window/ door with necessary screws etc. complete.	each	198.30
9.154	Providing and fixing frame work for partitions/ wall lining etc. made of 50x50x1.6 mm hollow MS tube, placed along the walls, ceiling and floor in a grid pattern with spacing @ 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall/ ceiling/ floors with steel dash fasteners of 8 mm dia, 75 mm long bolt, including making provision for opening for doors, windows, electrical conduits, switch boards etc., including providing with two coats of approved steel primer etc. complete, all as per direction of Engineer-in-charge.	kg	166.80
9.155	Providing and fixing panelling or paneling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebated to be measured). Panelling for panelled and glazed shutters 25 mm to 40 mm thick: Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick conforming to IS:14587	sqm	1956.90

Code No	Description	Unit	Rate
9.156	Providing and fixing Pre-laminated medium density fibre board exterior grade (Grade-I) IS:14587:1998 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately).		
9.156.1	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick conforming to IS:14587	sqm	1031.50
9.156.2	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 18 mm thick conforming to IS:14587	sqm	1248.00
9.157	Providing and fixing Pre-laminated medium density fibre board IS: 14587:1998 marked, with one side decorative lamination other side balancing lamination Grade-I (exterior grade) in shelves with screws and fittings wherever required, edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand (fittings to be paid separately).		
9.157.1	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm thick conforming to IS:14587	sqm	1415.70
9.157.2	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick conforming to IS:14587	sqm	1874.70
9.158	Providing and fixing in wall lining medium density fibre board IS: 14587:1998 marked, Pre-laminated one side decorative lamination and other side balancing lamination, with necessary fixing arrangement and screws etc. complete.		
9.158.1	12 mm thick.	sqm	1212.75
9.158.2	18 mm thick.	sqm	1436.55
9.158.3	25 mm thick.	sqm	1912.25
9.159	Providing and fixing 25 mm thick pre-laminated medium density fibre board exterior grade (Grade-I) IS:14587:1998 marked with one side decorative and other side balancing lamination for cupboard shutters edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand including ISI marked nickel plated bright finishing M.S. piano hinges conforming to IS:3818 marked with necessary screw etc all complete.	sqm	2135.25
9.160	Providing and fixing skirting with Pre-laminated medium density fibre board exterior grade (Grade-I) conforming to IS: 14587:1998 marked, with (one side decorative and other side balancing lamination and edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. all complete.		
9.160.1	18 mm thick.	sqm	2076.65
9.160.2	25 mm thick.	sqm	2552.40
9.161	Providing and fixing fire resistant door frame of section 50 x 60 mm on horizontal side & 35 x 60 mm on vertical sides having built in rebate made out of 1.6 mm thick GI sheet (Zinc coating not less than 120 gm/sqm) suitable for mounting 120 minutes Fire Rated Glazed Door Shutters. The frame shall be filled with mineral wool Insulation having density minimum 96Kg/sqm. The frame will have a provision of G.I. anchor fastners 14 nos (5 each on vertical style & 4 on horizontal style of size M10 x 80) suitable for fixing in the opening along with factory made template for SS ball bearing		

Code No	Description	Unit	Rate
9.162	hinges of size 100x89x3 mm for fixing of fire rated glazed shutter. The frame shall be finished with an approved fire resistant primer or powder coating of not less than 30 micron in desired shade as per the directions of Engineer - in- Charge. (Cost of SS ball bearing hinges is excluded).	metre	2202.90
9.163	Providing and fixing 60 mm thick glazed fire resistant door shutters of 120 minutes Fire rating conforming to IS:3614 (Part II) or EN1634-1:1999, tested and certified as per laboratory approved by Engineer-in-Charge, with suitable mounting on door frame, consisting of vertical styles, top rail & side rail 60 mm x 60 mm wide and bottom rail of 110 mm x 60 mm made out of 1.6 mm thick G.I. sheet (zinc coating not less than 120 gm/sqm) duly filled mineral wool insulation having density minimum 96 kg/cum and fixing with necessary stainless steel ball bearing hinges of size 100x89x3 mm of approved make, including applying a coat of approved fire resistant primer or powder coating not less than 30 micron etc all complete as per direction of Engineer-in-Charge (panelling to be paid for separately).	sqm	12017.90
9.164	Providing and fixing non load bearing fixed frame for fire resistant glazed partition for 120 minutes fire rating, made out to a profile of dimension 60 mm x 70 mm of 1.6 mm thick galvanised steel sheet as per test evidence suitable for fixing fire rated glass for 120 minutes of both integrity & radiation control (EW120) & minimum 20 minutes of insulation (EI20). The profile has to be fixed to the supporting construction by means of anchor fasteners of size M10 x 80, every 150 mm from the edges and every 500 mm (approx) c/c. Linear measurement of frame shall be measured for payment. The frame shall be filled with mineral wool insulation of density minimum 96kg/ cum and finished with a approved fire resistant primer or powder coating of not less than 30 micron in desired shade as per NBC 2016, IS 16231 (Part 3):2016 and directions of Engineer - in- Charge.	metre	2202.90
9.165	Providing and fixing glazing in fire resistant door shutters, fixed panels & partitions etc., with G.I. beading made out of 1.6 mm thick G.I. sheet (zinc coating not less than 120 gm/sqm) of size 20 x 33 mm screwed with M4 x 38 mm SS screws at distance 75 mm from the edges and 150 mm c/c , including applying a coat of approved fire resistant primer/ powder coating of not less than 30 micron on G.I. beading, & special ceramic tape of 5 x 20 mm size etc complete in all respect as per NBC 2016, IS 16231 (Part 3):2016 and as per direction of Engineer-in-Charge with glass of required thickness having 120 minutes of fire resistance both integrity & radiation control (EW120) and minimum 20 minutes of insulation (EI20). The manufacturer have to give test report/certification of fire glass and the glass should have the stamp showing the value of E, EW & EI. The glass shall be tested in approved NABL accredited lab or by any other accreditation body which operates in accordance with ISO/IEC 17011 and accredited labs as per ISO/IEC 17025 for testing and calibration scopes shall be eligible. The maximum glazing size shall not be more than 1100x2200 mm (w x h) or 2.42 sqm.	sqm	43677.65
9.165.1	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete.	each	119.20
9.165.2	125 mm	each	90.45
9.165.3	100mm	each	58.75
	75 mm		

Code No	Description	Unit	Rate
9.166	Providing and fixing 18 mm thick both sides Pre-laminated cement bonded wood particle board as per IS : 15786:2008 of approved brand and shade with suitable full threaded steel screws etc. in partitions, boxes, shelves, racks and cupboard, kitchen cabinet under kitchen counter etc. all complete as per direction of Engineer-in-charge (Note: Fittings to be paid separately).		
9.166.1	18 mm thick	sqm	1362.30
9.167	Providing and fixing 6 mm thick both sides Pre-laminated cement bonded wood particle board as per IS : 15786:2008 of approved brand and shade with suitable full threaded steel screws etc. on the backing of racks, drawer, cupboard, kitchen cabinet under kitchen counter etc. all complete as per direction of Engineer-in-charge.	sqm	1010.60
9.168	Providing and fixing cupboard shutter with 19 mm thick one side decorative and other side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand including 2 mm thick PVC edge banding tape with hot glue by edge bending machine etc. with auto closing spring loaded hinges (hydraulic type) etc. complete as per direction of Engineer-in-charge. (Payment of providing and fixing auto closing hinges shall be paid separately)	sqm	2829.25
9.169	Providing and fixing 19 mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS : 710 of approved brand boxes,shelves,racks,almirah,cupboard and drawer etc. including necessary nails,screws etc. complete as per direction of Engineer-in-charge.	sqm	2593.15
9.170	Providing and fixing stainless steel fancy handle of approved make fixed with SS screws etc. complete as per direction of Engineer-in-charge.		
9.170.1	200 mm	each	186.65
9.171	Providing and fixing stainless steel soft closing spring hinges at 0 degree hinges (hydraulic type) of approved make/brand to cupboard shutters with full threaded steel screws including making necessary recess in board and finished etc. complete as per direction of Engineer-in-charge.	each	272.00
9.172	Providing and fixing stainless steel soft closing heavy type telescopic drawer channels of approved make 500 mm long with screws etc. complete as per direction of Engineer- in-charge.	one set	885.10
9.173	Providing and fixing ready made 304 grade stainless steel Modular kitchen basket and accessories such as right angle basket (Plain Cup & Saucer, plant, Partition, Bottle rack, Thali, Cutlery) kitchen utensil basket, Dinner set basket, kitchen grain basket, Multipurpose basket as per site requirement including finishing (wherever required) and fittings. The same shall be fixed with necessary stainless steel nuts & bolts, Stainless Steel screws & telescopic channel etc. as per direction of Engineer-in-charge. (For payment purpose only weight of Stainless steel basket shall be considered excluding weight of all fixing accessories such as nuts, bolts, fasteners telescopic basket channels etc. Payment of providing and fixing telescopic channel shall be paid separately)	kg	533.25
9.174	Providing and fixing 2 mm thick 16 to 19 mm wide PVC edge binding tape of approved quality for cupboard/wardrobe shutters including necessary synthetic resin hot pressed to edges on binding machine etc. complete as per direction of Engineer- in-charge.	metre	43.80

SUB HEAD : 10.0

STEEL WORK

10.0 STEEL WORK

Code No	Description	Unit	Rate
10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	117.35
10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	133.70
10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	sqm	11439.60
10.4	Providing and fixing 1 mm thick M.S. sheet sliding-shutters, with frame and diagonal braces of 40x40x6 mm angle iron, 3 mm M.S. gusset plates at the junctions and corners, 25 mm dia pulley, 40x40x6 mm angle and T-iron guide at the top and bottom respectively, including applying a priming coat of approved steel primer	sqm	6566.20
10.5	Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.		
10.5.1	Using M.S. angels 40x40x6 mm for diagonal braces	sqm	5804.35
10.5.2	Using flats 30x6 mm for diagonal braces and central cross piece	sqm	5563.75
10.6	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.		
10.6.1	80x1.25 mm M.S. laths with 1.25 mm thick top cover	sqm	3653.20
10.6.2	80x1.20 mm M.S. laths with 1.20 mm thick top cover	sqm	3307.05
10.6.3	80x0.90 mm M.S. laths with 0.90 mm thick top cover	sqm	3191.35
10.7	Providing and fixing ball bearing for rolling shutters.	each	492.35
10.8	Extra for providing mechanical device chain and crank operation for operating rolling shutters.		
10.8.1	Exceeding 10.00 sqm and upto 16.80 sqm in the area	sqm	1281.35
10.8.2	Exceeding 16.80 sqm in area	sqm	1181.80
10.9	Extra for providing grilled rolling shutters manufactured out of 8 mm dia M.S. bar instead of laths as per design approved by Engineer-in- charge, (area of grill to be measured).	sqm	768.25
10.10	Fixing standard steel glazed doors, windows and ventilators in walls, including fixing of float glass panes with glazing clips and special metal-sash putty of approved make, or metal beading with screws, (only steel windows, glass panes cut to size and glazing clips or metal beading with screws, shall be supplied by department free of cost).		

Code No	Description	Unit	Rate
10.10.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	kg	82.45
10.10.2	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	kg	40.80
10.11	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D,F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, priming coat of approved steel primer, but excluding the cost of other fittings,glass panes complete all as per approved design, (sectional weight of only steel members shall be measured for payment).		
10.11.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	kg	131.05
10.11.2	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	kg	128.25
10.12	Extra for providing and fixing steel beading of size 10 x 10 x 1.6 mm (box type), approved shape and section with screws instead of glazing clips and metal sash putty, in steel doors, windows, ventilators and composite units.	metre	49.60
10.13	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.		
10.13.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	kg	141.70
10.13.2	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	kg	136.00
10.14	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge:		
10.14.1	Profile B		
10.14.1.1	Fixing with adjustable lugs with split end tail to each jamb	metre	583.30
10.14.1.2	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	metre	570.40
10.14.2	Profile C		
10.14.2.1	Fixing with adjustable lugs with split end tail to each jamb	metre	611.75

Code No	Description	Unit	Rate
10.14.2.2	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	metre	598.85
10.14.3	Profile E		
10.14.3.1	Fixing with adjustable lugs with split end tail to each jamb	metre	640.20
10.14.3.2	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	metre	627.30
10.15	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.		
10.15.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	kg	195.20
10.15.2	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately)	kg	181.25
10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.		
10.16.1	Hot finished welded type tubes	kg	194.40
10.16.2	Hot finished seamless type tubes	kg	206.35
10.16.3	Electric resistance or induction butt welded tubes	kg	194.40
10.17	Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar, bent to shape with hooked ends in R.C.C. slabs or beams during laying, including painting the exposed portion of loop, all as per standard design complete.	each	226.00
10.18	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	each	220.65
10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	kg	97.20
10.20	Providing and fixing bolts including nuts and washers complete.	kg	159.35
10.21	Providing and fixing M.S. rivets of sizes in position.	kg	278.30
10.22	Welding by gas or electric plant including transportation of plant at site etc. complete.	cm	3.70
10.25	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.		
10.25.1	In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	kg	123.60
10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	kg	172.60

Code No	Description	Unit	Rate
10.26	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.		
10.26.1	M.S. tube	kg	196.80
10.26.2	E.R.W. tubes	kg	205.75
10.26.3	G.I. pipes	kg	203.05
10.27	Providing and fixing carbon steel galvanised (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm ²), counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge.		
10.27.1	10 x 60 mm	each	131.10
10.27.2	10 x 80 mm	each	137.65
10.27.3	10 x 120 mm	each	170.95
10.27.4	10 x 140 mm	each	182.20
10.27.5	10 x 160 mm	each	224.50
10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	kg	772.40
10.29	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete.		
10.29.1	Galvanised M.S. Wire gauze with 0.63 mm dia wire and 1.4 mm aperture on both sides	sqm	844.70
10.29.2	Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides	sqm	1133.55
10.30	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :		
10.30.1	4.0 mm thick glass panes	sqm	1064.65
10.30.2	5.5 mm thick glass panes	sqm	1390.15
10.31	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	kg	130.50

SUB HEAD : 11.0

FLOORING

11.0 FLOORING

Code No	Description	Unit	Rate
11.1	Brick on edge flooring with bricks of class designation 7.5 on a bed of 12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks:		
11.1.1	1:4 (1 cement : 4 coarse sand)	sqm	1006.95
11.1.2	1:6 (1 cement : 6 coarse sand)	sqm	965.55
11.2	Dry brick on edge flooring in required pattern with bricks of class designation 7.5 on a bed of 12 mm mud mortar, including filling joints with Jamuna sand, with common burnt clay non modular bricks.	sqm	792.05
11.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.		
11.3.1	40 mm thick with 20 mm nominal size stone aggregate	sqm	614.20
11.4	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	sqm	978.45
11.5	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	sqm	1056.15
11.6	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement.		
11.6.1	18 mm thick	sqm	662.05
11.7	Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete.	cum	8595.15
11.8	Extra for making chequers of approved pattern on cement concrete floors, steps, landings, pavements etc.	sqm	83.85
TERRAZO FLOORING			
11.9	40 mm thick marble chips flooring rubbed and polished to granolithic finish, under layer 34 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) and top layer 6 mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from 1 mm to 4 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 marble chips) by volume, including cement slurry etc. complete :		
11.9.1	Dark shade pigment with ordinary cement	sqm	1065.75
11.9.2	Light shade pigment with white cement	sqm	1092.50
11.9.3	Medium shade pigment with 50% white cement and 50% ordinary cement	sqm	1075.10

Code No	Description	Unit	Rate
11.9.4	White cement without any pigment	sqm	1067.50
11.9.5	Light shade pigment with ordinary cement	sqm	1061.70
11.9.6	Ordinary cement without any pigment	sqm	1034.25
11.10	40 mm thick marble chips flooring, rubbed and polished to granolithic finish, under layer 31 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) and top layer 9 mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from 4 mm to 7 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder : 7 marble chips) by volume, including cement slurry etc. complete		
11.10.1	Dark shade pigment with Ordinary cement	sqm	1072.10
11.10.2	Light shade pigment with white cement	sqm	1110.30
11.10.3	Medium shade pigment with 50% white cement and 50% ordinary cement	sqm	1085.45
11.10.4	White cement without any pigment	sqm	1071.05
11.10.5	Light shade pigment with ordinary cement	sqm	1066.35
11.10.6	Ordinary cement without any pigment	sqm	1027.10
11.11	40 mm thick marble chips flooring, rubbed and polished to granolithic finish, under layer 28 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) and top layer 12 mm thick with white, black, chocolate, grey yellow or green marble chips of sizes from 7 mm to 10 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 2:3 (2 cement marble powder mix : 3 marble chips) by volume, including cement slurry etc. complete		
11.11.1	Dark shade pigment with ordinary cement	sqm	1110.75
11.11.2	Light shade pigment with white cement	sqm	1164.25
11.11.3	Medium shade pigment with 50% white cement and 50% ordinary cement	sqm	1129.45
11.11.4	White cement without any pigment	sqm	1109.85
11.11.5	Light shade pigment with ordinary cement	sqm	1102.70
11.11.6	Ordinary cement without any pigment	sqm	1048.25
11.12	Marble chips skirting up to 30 cm height, rubbed and polished to granolithic finish, top layer 6 mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from smallest to 4 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 marble chips) by volume:		
11.12.1	18 mm thick with under layer 12 mm thick in cement plaster 1:3 (1 cement : 3 coarse sand) :		
11.12.1.1	Dark shade pigment with ordinary cement	sqm	1864.30
11.12.1.2	Light shade pigment with white cement	sqm	1891.05
11.12.1.3	Medium shade pigment with 50% white cement and 50% ordinary cement	sqm	1873.65
11.12.1.4	White cement without any pigment	sqm	1863.60
11.12.1.5	Light shade pigment with ordinary cement	sqm	1860.25
11.12.1.6	Ordinary cement without any pigment	sqm	1832.80
11.13	Providing and fixing glass strips in joints of terrazo/ cement concrete floors.		
11.13.1	40 mm wide and 4 mm thick	metre	91.75

Code No	Description	Unit	Rate
11.14	Extra for laying terrazzo flooring on staircase treads not exceeding 30 cm in width, including cost of forming, nosing etc.	sqm	97.65
11.15	Crazy marble stone flooring, including filling the gaps with light shade pigment with white cement marble powder mixture (3 parts of white cement : 1 part of marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 white, black or white and black marble chips of sizes from 1 mm to 4 mm nominal size by volume), with under layer 25 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size), including rubbing, polishing and cement slurry etc. complete :		
11.15.1	18 mm thick crazy marble stone white, black or as specified	sqm	1714.80
TILE FLOORING			
11.16	Precast terrazzo tiles 22 mm thick with graded marble chips of size upto 12 mm, laid in floors, and landings, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement:4 coarse sand) :		
11.16.1	Light shade pigment using white cement	sqm	1549.45
11.16.2	Medium shade pigment using 50% white cement and 50% ordinary cement	sqm	1507.10
11.16.3	Dark shade pigment using ordinary cement	sqm	1450.00
11.16.4	Ordinary cement without any pigment	sqm	1386.80
11.17	Extra if terrazzo tiles are laid in treads of steps not exceeding 30 cm in width.	sqm	124.05
11.18	Precast terrazzo tiles 22 mm thick with graded marble chips of sizes upto 12 mm, in skirting and risers of steps not exceeding 30 cm in height, on 12 mm thick cement plaster 1:3 (1 cement : 3 coarse sand), jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete with tiles of :		
11.18.1	Light shade pigment using white cement	sqm	2422.80
11.18.2	Medium shades pigment using 50% white cement and 50% ordinary cement	sqm	2370.95
11.18.3	Dark shade pigment using ordinary cement	sqm	2308.75
11.18.4	Ordinary cement without any pigment	sqm	2229.15
11.19	Chequered terrazzo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) :		
11.19.1	Light shade pigment using white cement	sqm	1533.80
11.19.2	Medium shade pigment using 50% white cement, 50% ordinary cement	sqm	1483.60
11.19.3	Dark shade pigment using ordinary cement	sqm	1442.15
11.19.4	Ordinary cement without any pigment	sqm	1379.00
11.20	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).		
11.20.1	Light shade pigment using white cement	sqm	1402.00
11.20.2	Medium shade pigment using 50% white cement 50% Grey cement	sqm	1328.35

Code No	Description	Unit	Rate
11.20.3	Dark shade pigment using ordinary cement	sqm	1119.50
11.20.4	Ordinary cement without any pigment	sqm	1056.35
11.21	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge.		
11.21.1	In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)		
11.21.1.1	Acid and alkali resistant tile	sqm	1738.15
11.21.2	In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)		
11.21.2.1	Acid and alkali resistant tile	sqm	1884.90
11.22	Tile work in skirting, risers of steps and dado up to 2 m height over 12 mm thick bed of cement mortar 1:3 (1 cement :3 coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete.		
11.22.1	Marble tiles (polished) Raj Nagar		
11.22.1.1	8 mm thick	sqm	1475.35
STONE FLOORING			
11.23	Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with :		
11.23.1	Makrana white second quality	sqm	3737.45
11.23.2	Raj Nagar plain	sqm	2346.80
11.23.3	Agaria White	sqm	3164.80
11.23.4	Black Zebra	sqm	3001.20
11.23.5	Udaipur green marble	sqm	2428.60
11.23.6	Pink plain marble	sqm	2510.40
11.24	Extra for pre finished nosing to treads of steps of marble stone.	metre	719.90
11.25	Extra for marble stone flooring in treads of steps and risers using single length up to 2.00 metre.	sqm	851.80
KOTA STONE FLOORING			
11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :		
11.26.1	25 mm thick	sqm	1948.25
11.27	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	sqm	2354.70
SAND STONE FLOORING			
11.28	40 mm thick fine dressed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement : 5 coarse sand) with joints finished flush.		
11.28.1	Red sand stone	sqm	1280.10

Code No	Description	Unit	Rate
11.28.2	White sand stone	sqm	1342.65
11.29	40 mm thick fine dressed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement : 5 coarse sand), including pointing with cement mortar 1:2 (1 cement : 2 stone dust) with an admixture of pigment to match the shade of stone.		
11.29.1	Red sand stone	sqm	1526.05
11.29.2	White sand stone	sqm	1588.65
11.30	40 mm thick rubbed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement : 5 coarse sand) with joints 3 mm thick, side buttered with cement mortar 1:2 (1 cement : 2 stone dust) admixed with pigment to match the shade of stone and pointing with same mortar.		
11.30.1	Red sand stone	sqm	1647.00
11.30.2	White sand stone	sqm	1709.60
11.31	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	metre	191.40
11.32	Extra for Kota stone/ sand stone in treads of steps and risers using single length above normal size up to 2.00 metre.	sqm	44.15
WOODEN FLOORING			
11.33	25 mm wooden planking, tongued and grooved in flooring, including fixing with iron screws complete with :		
11.33.1	Second class teak wood	sqm	4508.95
11.33.2	Second class deodar wood	sqm	3029.75
11.34	38 mm thick wood block flooring of first class teak wood laid over 25 mm thick leveling layer of cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 10 mm nominal size) to be paid separately, coated with a thin layer of hot bitumen penetration 80/25 (blown type) @ 2.45 kg per sqm, including fixing blocks in position after dipping in hot bitumen (blown type) up to half depth, planed, levelled smooth and finished complete.	sqm	12020.45
11.35	Providing and fixing M.S. angle 50x50x5 mm to act as nosing with lugs of M.S. flat 10x5 mm, 10 cm long, forked at end 60cm apart (minimum three lugs to be provided), including necessary welding and applying a priming coat of approved primer on exposed surface etc. complete.	kg	177.80
CERAMIC GLAZED TILES			
11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	sqm	1096.55
11.37A	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	sqm	1112.70

Code No	Description	Unit	Rate
11.38	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete.	sqm	1315.30
11.39	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	sqm	1330.00
11.40	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete.	sqm	1439.40
VITRIFIED FLOOR TILES			
11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.		
11.41.1	Size of Tile 500x500 mm	sqm	1524.30
11.41.2	Size of Tile 600x600 mm	sqm	1553.45
11.41.3	Size of Tile 800x800 mm	sqm	1885.50
11.41.4	Size of Tile 1000x1000 mm	sqm	2089.65
11.41A	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.		
11.41A.1	Double charge vitrified tile polished finish of size		
11.41A.1.1	Size of Tile 600 x 600 mm	sqm	1453.65
11.41A.1.2	Size of Tile 800 x 800 mm	sqm	1534.85
11.41A.1.3	Size of Tile 600 x 1200 mm	sqm	1577.15
11.41A.1.4	Size of Tile 800 x 1600 mm	sqm	1870.25
11.41A.1.5	Size of Tile 1000 x 1000 mm	sqm	1801.70
11.41A.2	Glazed vitrified floor tiles polished finish of size		
11.41A.2.1	Size of Tile 600 x 600 mm	sqm	1502.75
11.41A.2.2	Size of Tile 600 x 1200 mm	sqm	1798.80
11.41A.2.3	Size of Tile 800 x 800 mm	sqm	1728.80

Code No	Description	Unit	Rate
	11.41A.2.4 Size of Tile 800 x 1200 mm	sqm	2056.90
	11.41A.2.5 Size of Tile 1200 x 1200 mm	sqm	2541.00
11.41A.3	Glazed Vitrified tiles Matt/Antiskid finish of size		
	11.41A.3.1 Size of Tile 600 x 600 mm	sqm	1464.85
	11.41A.3.2 Size of Tile 600 x 1200 mm	sqm	1797.30
	11.41A.3.3 Size of Tile 800 x 800 mm	sqm	1724.40
	11.41A.3.4 Size of Tile 800 x 1200 mm	sqm	2056.90
	11.41A.3.5 Size of Tile 1200 x 1200 mm	sqm	2838.50
11.42	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles and jointing with grey cement slurry @ 3.3 kg/ sqm.	sqm	850.10
11.43	Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3 mm thickness.	sqm	753.25
11.44	Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @ 125 grams per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement, all complete as per direction of Engineer-in-charge.	sqm	954.15
11.45	Providing and laying 500x500x40 mm thick Turf paver (Turf pave XD) on 150 mm thick sub grade of compacted bed of 20 mm thick nominal size stone aggregate and base course and filling with 150 mm thick Jamuna sand, including spreading, well ramming, consolidating and finishing smooth etc. all complete as per direction of Engineer-in-charge.	sqm	1708.10
11.46	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.		
	11.46.1 Size of Tile 500x500 mm	sqm	1593.90
	11.46.2 Size of Tile 600x600 mm	sqm	1623.05
	11.46.3 Size of Tile 800x800 mm	sqm	1958.45
	11.46.4 Size of Tile 1000x1000 mm	sqm	2162.60
11.46A	Providing and fixing glazed screen printed border tile 75 mm wide having thickness 5mm, of approved quality & make, in all shades, design and prints, in dado, over 12 mm thick bed of cement mortar 1:3 (1 Cement : 3 Coarse sand) and jointing with grey cement slurry @ 3.3 kg/sqm including pointing with white cement mixed with pigment of matching shade, all complete as approved by Engineer - in - Charge	metre	216.20
11.47	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).		

Code No	Description	Unit	Rate
11.47.1	Size of Tile 500x500 mm	sqm	1864.75
11.47.2	Size of Tile 600x600 mm	sqm	1893.90
11.47.3	Size of Tile 800x800 mm	sqm	2229.25
11.47.4	Size of Tile 1000x1000 mm	sqm	2433.40
11.48	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.		
11.48.1	Size of Tile 500x500 mm	sqm	373.35
11.48.2	Size of Tile 600x600 mm	sqm	309.05
11.48.3	Size of Tile 800x800 mm	sqm	244.75
11.48.4	Size of Tile 1000x1000 mm	sqm	174.50
11.49	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).		
11.49.1	Size of Tile 500x500 mm	sqm	1696.20
11.49.2	Size of Tile 600x600 mm	sqm	1725.35
11.49.3	Size of Tile 800x800 mm	sqm	2060.75
11.49.4	Size of Tile 1000x1000 mm	sqm	2264.90
11.49A	Providing and laying full body vitrified tile in floor of minimum thickness 15 mm with water absorption less than 0.06% and conforming to IS:15622, of approved make, brand and manufacturer, laid on 20 mm thick base cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.30 kg / sqm including grouting the joints with white cement and matching pigments etc. The slab must be cut with the zero chipping diamond cutter only. Laying of slab will be done with the help of notch trowel, wedge, clips of required thickness, vacuum cups for lifting, leveling system and rubber mallet for placing the slab gently and easily. Size of tile 800x2400 mm of all colours and shades.	sqm	3623.95
11.50	Deduct for not grouting the joints with white cement and matching pigment in the items of fixing of vitrified tiles.	sqm	13.30
11.51	Providing and laying machine cut, mirror polished, Italian Marble stone flooring laid in required pattern in linear portion of the building all complete as per architectural drawings, with 18 mm thick stone slab laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry @ 4.4 kg/sqm including pointing with white cement slurry admixed with pigment to match the marble shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.		
11.51.1	18 mm thick Italian Marble stone slab, Perlato, Rosso verona, Fire Red or Dark Emperadore etc.	sqm	6603.35

Code No	Description	Unit	Rate
11.52	Providing and laying machine cut, mirror polished Marble stone flooring, in required design (Simple geometrical, abstract etc.) and in patterns in combination with Italian marble stones of different colours, shades and finished surface texture etc., in linear portions of the building, all complete as per the architectural drawings, with 18 mm thick stone slab laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry @ 4.4 kg/sqm, including pointing with white cement slurry admixed with pigment to match the marble shade, including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.		
11.52.1	18 mm thick Italian Marble stone slab, Perlato, Rosso verona, Fire Red or Dark Emperadore etc.	sqm	6927.35
11.53	Providing and fixing Glass mosaic tiles on finished plain wall surface of size 20 mm x 20 mm x 4 mm in all colour, design , fixing in customize design as per direction of Engineer-in- Charge. The glass mosaic tiles to be fixed on the wall surface with the help of approved adhesive applied at the rate of 2.5 kg per sqm and grouting of the same. The rate is inclusive of all operation, material and required pattern approved by Engineer-in-Charge:	sqm	3891.15
11.54	<p>Providing and fixing removable raised/false access flooring with system and its components of approved make for different plenum height with possible height adjustment upto 50 mm, comprising of modular load bearing floor panels supported on G.I. rectangular stinger frame work and G.I. Pedestal etc. all complete, as per the architectural drawings, as specified and as directed by Engineer-in-charge consisting of:</p> <p>(a) Providing at required spacing to form modular framework, pedestals made out of GI tube of thickness minimum 2 mm and 25 mm outer diameter, fully welded on to the G.I. Base plate of size 100 mm x 100 mm x 3 mm at the bottom of the pedestal tube, G.I. pedestal head of size 75mmx75mmx3.5 mm welded with GI fully threaded stud 16 mm outer diameter with two GI Check nuts screwed on the stud for level adjustment upto 50mm, locking and stabilizing the pedestal head in position at the required level. The pedestals shall be fixed to the subfloor (base) through base plate using epoxy based adhesive of approved make or the machine screw with rawl plug.</p> <p>(b) Stringers system in all steel construction hot dipped galvanized of rectangular size 570x20x30x0.80 mm thick having holes at both ends for securing the stringers on to the pedestal head using fully threaded screws ensuring maximum lateral stability in all directions, the grid formed by the pedestal and stringer assembly shall receive the floor panel, this system shall provide adequate solid, rigid support for access floor panel, the system shall provide a minimum clear uninterrupted clearance between the bottom of the floor for electrical conduits and wiring etc. all complete as per the architectural drawings, as specified and as directed by the Engineer-in-charge.</p>		

Code No	Description	Unit	Rate
	(c) Providing and fixing Access Floor panel of 600x600x32 mm medium grade Filled Steel anti static high pressure Lamination of 800H grade (FS800H). Access Floor panel shall be steel welded construction with an enclosed bottom pan with uniform pattern of 64 hemispherical cones. The top and bottom plates of Steel Gauges: top 0.6 mm and bottom 0.7 mm fused spot welded together (minimum 64 welds in each dome and 20 welds along each flange). The panel should be Corroresist epoxy coated for lifetime rust protection and cavity formed by the top and bottom plate is filled with Pyrogrip noncombustible Portland cementitious core mixed with light weight foaming compound. The access floor shall be factory finished with Anti-static High Pressure laminate with Non Warp technology upto 1 mm thickness for superior adhesion and Surface flatness within 0.75mm. The panel is to withstand a Concentrated Load of 363 kgs applied on area 25 mm x 25 mm without collapse in the centre of the panel which is placed on four steel blocks. The panel will withstand and Uniformly Distributed Load (UDL) minimum 1250 kg/sqm and an impact load of 50kg all complete as per the approved manufacturers specification and as per the direction of Engineer-in-charge. All specification must be printed on the side of the panel to ensure the quality of the product.		
	11.54.1 300 mm Finished Floor Height (FFH)	sqm	5623.95
	11.54.2 450 mm Finished Floor Height (FFH).	sqm	5977.35
11.55	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge :		
	11.55.1 Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	sqm	3186.70
11.56	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.		
	11.56.1 Polished Granite stone slab of colour Black, Cherry/Ruby Red or equivalent	sqm	4481.30
	11.56.2 Polished Granite stone slab of all colour and texture except Black, Cherry/Ruby Red	sqm	3071.05

SUB HEAD : 12.0

ROOFING

12.0 ROOFING

Code No	Description	Unit	Rate
SHEET ROOFING			
12.1	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.		
12.1.1	1.00 mm thick with zinc coating not less than 275 gm/m ²	sqm	1457.15
12.1.2	0.80 mm thick with zinc coating not less than 275 gm/m ²	sqm	1257.55
12.1.3	0.63 mm thick with zinc coating not less than 275 gm/ m ²	sqm	1087.65
12.2	Extra for straight cutting in C.G.S. sheet roofing for making opening of area exceeding 40 sq. decimeter for chimney stacks, sky light etc.:		
12.2.1	1.00 mm thick	metre	116.15
12.2.2	0.80 mm thick	metre	92.95
12.2.3	0.63 mm thick	metre	92.95
12.3	Extra for circular cutting in C.G.S. sheet roofing for making opening of area exceeding 40 sq. decimeter:		
12.3.1	1.00 mm thick	metre	671.45
12.3.2	0.80 mm thick	metre	536.30
12.3.3	0.63 mm thick	metre	536.30
12.4	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.		
12.4.1	0.80 mm thick with zinc coating not less than 275 gm/m ²	metre	1083.30
12.4.2	0.63 mm thick with zinc coating not less than 275 gm/m ²	metre	980.50
12.5	Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete :		
12.5.1	1.60 mm thick with zinc coating not less than 350 gm/m ²	metre	1863.90
12.6	Providing and fixing of 40 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts, G.I. limpet and bitumen washer complete, bent to shape and fixed in wall with cement mortar 1:3 (1 cement : 3 coarse sand).		
12.6.1	1.00 mm thick with zinc coating not less than 275 gm/m ²	metre	857.55
12.7	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S. sheet gutter with iron brackets 40x3 mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete.		
12.7.1	0.80 mm thick with zinc coating not less than 275 gm/m ²	metre	1029.65
12.7.2	0.63 mm thick with zinc coating not less than 275 gm/m ²	metre	944.05
12.8	Providing reinforced by organic fibres and/or inorganic synthetic fibres cement 6 mm thick corrugated sheets (as per IS: 14871) roofing up to any pitch and fixing with polymer coated J or L hooks, bolts and nuts 8 mm dia. G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of purlins, rafters and trusses), including cutting sheets to size and shape wherever required.	sqm	536.40

Code No	Description	Unit	Rate
12.9	Extra for straight cutting in reinforced by organic fibres and/or inorganic synthetic fibres cement corrugated, semi corrugated 6 mm thick sheet roofing for making openings of area exceeding 40 square decimeter for chimney stacks, skylights etc.	metre	92.95
12.10	Extra for circular cutting in reinforced by organic fibres and/or inorganic synthetic fibres cement corrugated/ semi corrugated 6 mm thick sheet roofing for making openings of area exceeding 40 square decimeter.	metre	256.70
12.11	Extra for providing and fixing wind ties of 40x 6 mm flat iron section.	metre	195.60
12.12	Providing and fixing ridges and hips in fibre cement reinforced by organic fibres and/or inorganic synthetic fibres roofing with suitable fixing accessories or self drilling fastener and EPDM washer etc. complete.		
12.12.1	Corrugated serrated adjustable ridges	metre	522.95
12.12.2	Plain wing adjustable ridges	metre	522.95
12.12.3	Close fitting adjustable ridges	metre	585.70
12.12.4	Unserrated adjustable hips	metre	521.85
12.13	Providing and fixing fibre cement reinforced by organic fibres and/or inorganic synthetic fibres roofing accessories in all colours with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers or with self drilling fastener and EPDM washer etc. complete:		
12.13.1	Corrugated apron pieces	metre	428.50
12.13.2	Eave's filler pieces	metre	345.05
12.13.3	North light curves	metre	567.20
12.13.4	Ventilator curves	metre	627.30
12.13.5	Barge boards	metre	724.65
12.13.6	Ridge finials	pair	303.70
12.13.7	Special north light curves	each	1013.85
12.13.8	S type louvers	metre	560.05
12.14	Providing flat iron brackets 50x3 mm size with necessary bolts, nuts and washers etc. for fixing G.S. sheets gutters with purlins.	metre	92.40
12.15	Painting top of roofs with bitumen of approved quality @ 17kg per 10 sqm impregnated with a coat of coarse sand at 60 cudm per 10 sqm, including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete :		
12.15.1	With residual type petroleum bitumen of grade VG -10	sqm	166.20
12.16	10 cm thick (average) mud phaska of damped brick earth on roofs laid to slope consolidated and plastered with 25 mm thick mud mortar mixed with bhusa @ 35 kg per cum of earth and gobri leaping with mix 1:1 (1 clay : 1 cow dung) and covered with flat tile bricks, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement and finished neat:		
12.16.1	With common burnt clay F.P.S.(non modular) brick tile of class designation 10	sqm	1050.20
12.17	10 cm thick (average) mud phaska of damped brick earth on roofs laid to slope consolidated and plastered with 25 mm thick mud mortar with bhusa @ 35 kg per cum of earth and gobri leaping with mix 1:1 (1 clay : 1 cow-dung) and covered with machine moulded tile bricks, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement and finished neat.		

Code No	Description	Unit	Rate
12.17.1	With machine moulded common burnt clay F.P.S. (non modular) brick tiles of class designation 12.5, conforming to IS 2690	sqm	1074.50
12.18	Extra for every additional 1 cm thickness of mud phaska.	sqm	24.20
12.19	Providing and laying brick tiles over mumty roofs, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement, over 12 mm layer of cement mortar 1:3 (1 cement : 3 fine sand) and finished neat:		
12.19.1	With common burnt clay F.P.S. (non modular) brick tiles of class designation 10	sqm	607.40
12.20	Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound, laid over a bed of 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete.	sqm	709.75
12.21	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :		
12.21.1	In 75x75 mm deep chase	metre	305.15
12.22	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	each	298.25
12.23	Providing sand stone slab for roofing and laying them in cement mortar 1 : 4 (1 cement : 4 coarse sand) over wooden karries or R.C.C. battens or structural steel sections (Karries or battens or structural steel sections to be paid separately), including pointing the ceiling joints with cement mortar 1:3 (1 cement : 3 fine sand) complete :		
12.23.1	Red sand stone slab		
12.23.1.1	40 to 50 mm thick	sqm	1138.20
12.23.2	White sand stone slab		
12.23.2.1	40 to 50 mm thick	sqm	1106.90
CEILING			
12.24	Providing and fixing insulating board ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately) :		
12.24.1	Natural colour insulating board		
12.24.1.1	12 mm thick	sqm	924.35
12.24.2	White face insulating board		
12.24.2.1	12 mm thick	sqm	966.60
12.24.3	Flame retardant face insulating board		
12.24.3.1	12 mm thick	sqm	1121.55
12.25	Providing and fixing flat pressed 3 layer medium density particle board or graded particle board (Grade I) IS: 3087 marked, in ceiling with necessary nails etc. complete (frame work to be paid separately):		
12.25.1	12 mm thick	sqm	1070.60

Code No	Description	Unit	Rate
12.26	Providing and fixing plain multipurpose cement board(Hight pressure steam cured) with suitable screws for cement particle board in ceiling etc. complete (frame work to be paid seperatately).		
12.26.1	6 mm thick Cement fiber board, Type-B, Category-III as per IS: 14862 : 2000	sqm	921.95
12.26.2	6 mm thick Cement bonded wood particle board as per IS:14276	sqm	890.65
12.27	Extra for Circular cutting including wastages in ceiling with:		
12.27.1	2nd class teak wood planks 20 mm thick	metre	726.30
12.27.2	Natural colour insulating board		
12.27.2.1	12 mm thick	metre	487.00
12.27.3	White face insulating board:		
12.27.3.1	12 mm thick	metre	492.25
12.27.4	Flame retardant face insulating board:		
12.27.4.1	12 mm thick	metre	511.50
12.27.5	Standard quality hard board sheet:		
12.27.5.1	3 mm thick	metre	470.10
12.27.5.2	4.5 mm thick	metre	485.70
12.28	Extra for providing and fixing ceiling to curved surfaces in narrow widths	sqm	453.10
12.31	Providing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame (frame work to be paid separately):		
12.31.1	Flat surfaces	sqm	1718.95
12.31.2	Curved surfaces	sqm	2067.45
12.32	Extra for sunk or raised mouldings in the plaster of Paris (Gypsum anhydrous) ceiling.	sqm	607.45
12.33	Extra for providing plaster of Paris (Gypsum anhydrous) ceiling above 5 metres height from floor level.	sqm per metre height	265.70
12.34	Providing fixing thermal insulation of ceiling (under deck insulation) with Resin Bonded Fibre glass wool conforming to IS : 8183, density 24kg / m ³ , 50 mm thick, wrapped in 200 G Virgin Polythene bags, fixed to ceiling with metallic cleats (50x50x3 mm) @ 60 cm and wire mesh of 12.5 mm x 24 gauge wire mesh, for top most ceiling of building.	sqm	703.05
12.35	Providing and fixing thermal insulation with Resin Bonded Fibre glass wool conforming to IS: 8183. Density 16 kg/m ³ , 50 mm thick, wrapped in 200G Virgin Polythene bags placed over existing false ceiling and held in position by criss-crossing GI wire.	sqm	297.25
12.36	Thermal Insulation of roofing with Expanded polystyrene fixed with suitable adhesive to the false ceiling as per the directions of the Engineer-in-charge:		
12.36.1	With Type N - Normal 50 mm thick	sqm	321.75
12.36.2	With Type SE - Self Extinguishing type 50 mm thick	sqm	353.05
RAIN WATER SPOUT AND PIPE			
12.37	Providing and fixing 100 mm diameter and 60 cm long rain water spout in cement mortar 1:4 (1 cement : 4 fine sand).		
12.37.1	Stone ware spout	each	164.20

Code No	Description	Unit	Rate
12.38	Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and cost of cutting holes and making good the walls etc. :		
12.38.1	100 mm diameter	each	362.85
12.38.2	150 mm diameter	each	395.60
12.39	Providing lead caulked joints to sand cast iron rain water pipes and fittings:		
12.39.1	100 mm dia Pipe	each	580.50
12.39.2	150 mm dia Pipe	each	798.00
12.40	Providing, fixing and embedding sand cast iron accessories for rain water pipes in the masonry surrounded with 12 mm thick cement mortar of the same mix, as that of masonry (lead caulking will be paid for separately):		
12.40.1	Sand cast iron plain shoes :		
12.40.1.1	150 mm diameter	each	511.90
12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.		
12.41.1	75 mm diameter	metre	248.80
12.41.2	110 mm diameter	metre	377.40
12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.		
12.42.1	Coupler		
12.42.1.1	75 mm	each	91.70
12.42.1.2	110 mm	each	136.15
12.42.2	Single pushfit Coupler		
12.42.2.1	75 mm	each	93.10
12.42.2.2	110 mm	each	127.60
12.42.3	Single tee with door		
12.42.3.1	75x75x75 mm	each	164.20
12.42.3.2	110x110x110 mm	each	234.15
12.42.4	Single tee without door		
12.42.4.1	75x75x75 mm	each	144.30
12.42.4.2	110x110x110 mm	each	221.35
12.42.5	Bend 87.5°		
12.42.5.1	75 mm bend	each	105.90
12.42.5.2	110 mm bend	each	150.35
12.42.6	Shoe (Plain)		
12.42.6.1	75 mm Shoe	each	93.10
12.42.6.2	110 mm Shoe	each	131.85

Code No	Description	Unit	Rate
12.43	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.		
12.43.1	75 mm	each	369.85
12.43.2	110 mm	each	371.30
12.44	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	each	54.70
12.45	Providing and fixing false ceiling at all heights including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :		
12.45.1	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)	sqm	1355.80
12.45.2	12.5 mm thick tapered edge Glass Reinforced Gypsum (GRG) board conforming to IS: 2095- (Part 3):1996 (Boards with BIS certification marks)	sqm	1520.10
12.45.3	12.5 mm thick tapered edge gypsum moisture resistant board	sqm	1529.10
12.45.4	Fully Perforated Gypsum Plaster Board of size 1200 x 2400x12.5 mm having approx. 15 % perforated area with perforation size and pattern as approved by the Engineer-in-charge and as per manufacturer's specification, with all 4 sides tapered and backed by acoustical tissue with NRC value not less than 0.60	sqm	1744.15

Code No	Description	Unit	Rate
12.46	Providing and fixing to the inlet mouth of rain water pipe PTMT (an Engineering Thermoplastic) grating square (Slit) 150 mm square with a height of 8 mm and weighing not less than 100 gms.	each	84.55
12.47	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8 mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel roovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified.		
12.47.1	2 mm thick corrugated (2.5" or 4.2" or 6") or step-down (2" or 3" or 6") as specified	sqm	1401.35
12.47.2	2 mm thick flat	sqm	1245.65
12.48	Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately).	sqm	433.45
12.49	Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).	metre	96.90
12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	sqm	738.65
12.51	Providing and fixing precoated galvanised steel sheet roofing accessories of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with Zinc coating 120 gram per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :		
12.51.1	Ridges plain (500 - 600mm)	metre	532.35
12.51.2	Flashings/ Aprons.(Upto 600 mm)	metre	485.60
12.51.3	North light curves	metre	546.10
12.51.4	Barge board (Upto 300 mm)	metre	451.50
12.51.5	Crimp curve	sqm	496.75
12.51.6	Gutter (600 mm over all girth)	metre	1313.70

Code No	Description	Unit	Rate
12.52	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.		
12.52.1	GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	sqm	1902.95
12.52.2	GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation and backed with a black Glass fiber acoustical fleece.	sqm	2068.75
12.52.3	12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16 mm thick fire retardant PVC film on the face side and 12 micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.	sqm	2215.15
12.52.4	12.5 mm thick fully Perforated Gypsum Board tile made from plasterboard having glass fibre conforming to IS: 2095 part I, of size 595x595 mm, having perforation of 9.7x9.7 mm at 19.4 mm c/c with center borders of 48 mm and the side borders of 30 mm, backed with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.79, with 50 mm resin bonded glass wool backing.	sqm	1528.00

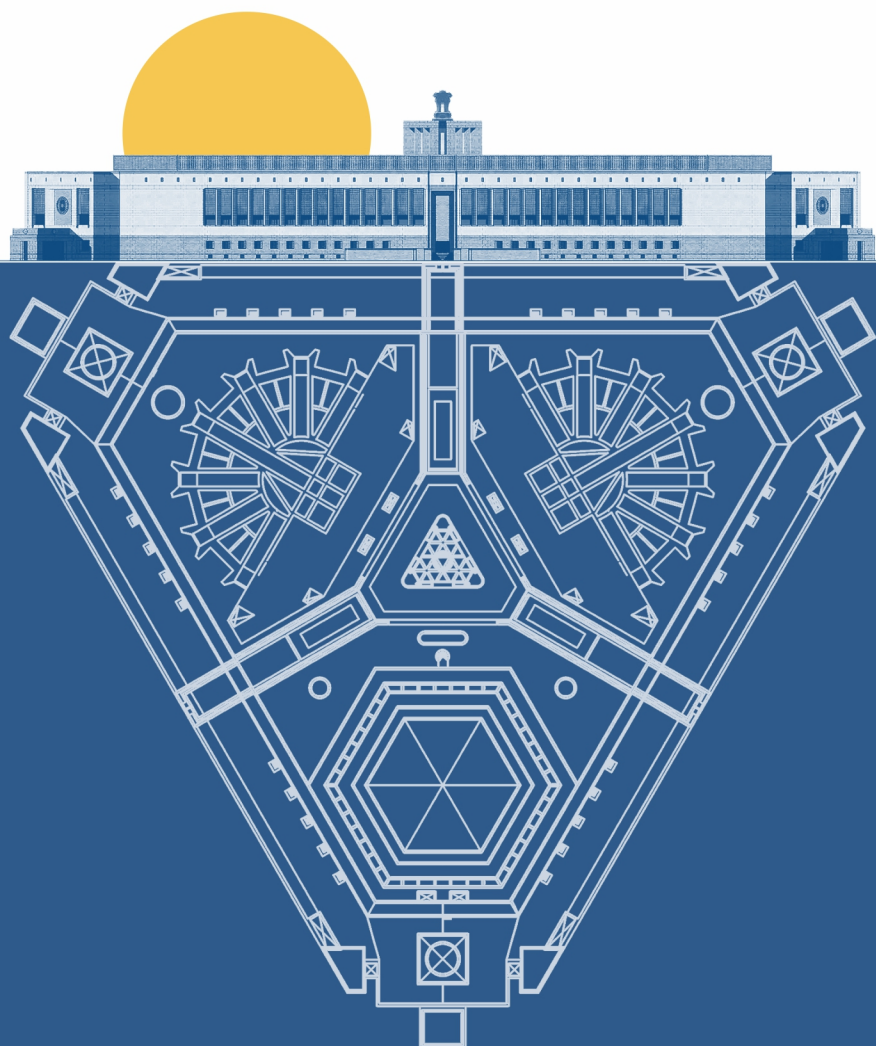
Code No	Description	Unit	Rate
12.53	<p>Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main 'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T'. Bottom exposed with 24 mm of all T-sections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge.</p> <p>Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non- combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/mK.</p>	sqm	2158.15
12.54	<p>Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with the help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with the help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring T with :</p> <p>12.54.1 GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of G I sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.</p>	sqm	2221.70

Code No	Description	Unit	Rate
12.54.2	GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of G I sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation.	sqm	2354.65
12.55	Providing and fixing Heat Resistant Terrace Tiles (300 mm x 300 mm x 20 mm) with SRI (solar refractive index) > 78, solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid on 20 mm thick cement sand mortar in the ratio of 1:4 (1 cement : 4 coarse sand) and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including rubbing and polishing of the surface upto 3 cuts complete, including providing skirting upto 150 mm height along the parapet walls in the same manner.	sqm	1703.95
12.56	Providing and laying roof insulation with 40 mm thick impervious sprayed, closed cell free Rigid Polyurethane foam over deck insulation conforming to IS - 12432 Pt. III (density of foam being 40-45 kg/ cum), over a coat of polyurethane primer applied @ 6-8 sqm per litre, laying 400 G polythene sheet over PUF spray and providing a wearing course of 40 mm thick cement screed 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 20 mm nominal size) in chequered rough finish, in panels of 2.5 m x 2.5 m and embedding with 24 G wire netting and sealing the joints with polymerized mastic, all complete as per direction of Engineer-in-Charge.	sqm	1570.00
12.57	Providing and fixing thermal insulation with Resin Bonded Fibre glass wool conforming to IS: 8183 having density 24 kg/m ³ , 50 mm thick, wrapped in 200G Virgin Polythene Bags fixed to wall with screw, rawel plug & washers and held in position by criss crossing GI wire etc. complete as per directions of Engineer-in-Charge.	sqm	358.50
12.58	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.		

Code No	Description	Unit	Rate
12.58.1	8 mm thick fully perforated calcium silicate board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225 kg/ sq. cm, bending strength 100 kg/sq. cm , of size 595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg /cum backing.	sqm	1789.45
12.59	Providing & fixing false ceiling at all height including providing & fixing of framework made of special section, power pressed from M.S. sheets and galvanised with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleat of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm c/c, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25 x10 x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I channels 45 x15 x 0.90 mm running at the spacing of 1200 mm c/c, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5mm, at 450 mm c/c, shall be fixed in a direction perpendicular to G.I intermediate channel with connecting clip made out of 2.64 mm dia x 230 mm long G.I wire at every junction, including fixing perimeter channels 0.50 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/ partitions with the help of Rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of Calcium Silicate Board to ceiling section and perimeter channels with the help of dry wall screws of size 3.5 x25 mm at 230 mm c/c, including jointing & finishing to a flush finish of tapered and square edges of the board with recommended jointing compounds, jointing tapes,finishing with jointing compounds in three layers covering up to 150 mm on both sides of joints and two coats of primer suitable for boards, all as per manufacture's specification and also including the cost of making opening for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitably fixed, all complete as per drawings, specificaton and direction of the Engineer in charge but excluding the cost of painting with:		
12.59.1	8 mm thick Calcium Silicate Board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process.	sqm	1572.30
12.60	Providing and fixing thermal insulation of ceiling (under deck insulation) with Resin Bonded Rockwool conforming to IS: 8183,density 48 kg/ m ³ , 50 mm thick, wrapped in 200 G Virgin Polythene bags fixed to ceiling with metallic cleats (50x50x3 mm) @ 60 cm and wire mesh of 12.5 mm x 24 gauge wire mesh, for top most ceiling of building.	sqm	667.05
12.61	Providing and fixing thermal insulation with Resin bonded rock wool conforming to IS: 8183, density 48 kg/m ³ , 50 mm thick, wrapped in 200 G virgin Polythene bags placed over existing false ceiling and held in position by criss-crossing GI wire.	sqm	316.05
12.62	Providing and fixing thermal insulation with Resin Bonded rock wool conforming to IS: 8183, having density 48 kg/m ³ , 50 mm thick,wrapped in 200 G Virgin Polythene Bags fixed to wall with screw, rawel plug & washers and held and in position by criss crossing GI wire etc. complete as per directions of Engineer-in-Charge.	sqm	322.50

Code No	Description	Unit	Rate
12.63	Providing and applying two coats of High Albedo paint having minimum Solar Reflective Index (SRI) 108 (with solar reflectance & thermal emittance tested as per ASTM C 1549 and ASTM C 1371 respectively), VOC less than 10 cc/gm. The coating thickness and the methodology of application shall be strictly as per manufacturer's specifications and as approved by Engineer-in-Charge. Surface preparation includes cleaning with metal wire brush to remove all dust, fungus etc., washing with water all complete. The contractor shall give guarantee for the performance of SRI and also the durability of coating, all complete as per direction of Engineer-in-Charge.	sqm	357.60
12.64	Providing & fixing at all heights, levels and locations Mill finish Aluminium alloy roofing sheets of alloy IS designation 31500, temper Hx8 conforming to IS 737 and dimensions as per IS code 2676 with characteristics of good formability and corrosion resistance. The profile sheets shall be fixed to truss members in slope or required pitch or curvature with Hex cap headed self drilling/tapping Stainless steel screws M6, 50 mm long with 3 mm EPDM seal washer etc. all inclusive of labour, scaffolding, T&P and sundries etc. complete as per directions of the Engineer-In-Charge. (Cost of truss/frame work shall be paid separately).		
12.64.1	0.56 mm, Aluminium troughed profile with center to center pitch of 200 mm, depth of 32 mm, overall profile width 1092 mm, cover width 1000 mm.	sqm	1034.10
12.64.2	0.71 mm, Aluminium troughed profile with centre to centre pitch of 200 mm, depth of 32 mm, overall profile width 1092 mm, cover width 1000 mm.	sqm	1252.75
12.64.3	0.91 mm, troughed profile with center to center pitch of 200 mm, depth of 32 mm, overall profile width 1092 mm, cover width 1000 mm.	sqm	1572.80
12.64.4	0.56 mm Aluminium profile with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm.	sqm	1313.70
12.64.5	0.71 mm Aluminium profile with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm.	sqm	1616.45
12.64.6	0.91 mm Aluminium profile with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm.	sqm	2026.40
12.64.7	0.56 mm Aluminium Circular (sinusoidal) profile with center to center pitch of 75 mm, depth of 19 mm, overall profile width 1250 mm,cover width 1150 mm.	sqm	1012.15
12.64.8	0.71 mm Aluminium Circular (sinusoidal) profile with center to center pitch of 75 mm, depth of 19 mm, overall profile width 1250 mm,cover width 1150 mm.	sqm	1256.95
12.64.9	0.91 mm Aluminium Circular (sinusoidal) profile with center to center pitch of 75 mm, depth of 19 mm, overall profile width 1250 mm,cover width 1150 mm.	sqm	1596.45

Code No	Description	Unit	Rate
12.65	Providing & fixing at all heights, levels and locations colour finish Aluminium alloy roofing sheets of alloy IS designation 31500, temper Hx8 conforming to IS 737 and dimensions as per IS code 2676 with characteristics of good formability and corrosion resistance. The profile sheets shall be fixed to truss members in slope or required pitch or curvature with Hex cap headed self drilling/tapping Stainless steel screws M6, 50 mm long with 3 mm EPDM seal washer etc. all inclusive of labour, scaffolding, T&P and sundries etc. complete as per directions of the Engineer-In-Charge. (Cost of truss/frame work shall be paid separately).		
12.65.1	0.56 mm, Aluminium Colour coated troughed profile with center to center pitch of 200 mm, depth of 32 mm, overall profile width 1092 mm, cover width 1000 mm.	sqm	1176.70
12.65.2	0.71 mm, Aluminium Colour coated troughed profile with center to center pitch of 200 mm, depth of 32 mm, overall profile width 1092 mm, cover width 1000 mm.	sqm	1430.20
12.65.3	0.91 mm, Aluminium Colour coated troughed profile with center to center pitch of 200 mm, depth of 32 mm, overall profile width 1092 mm, cover width 1000 mm.	sqm	1797.75
12.65.4	0.56 mm Aluminium Colour profile with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm.	sqm	1484.00
12.65.5	0.71 mm Aluminium Colour coated profile with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm.	sqm	1865.60
12.65.6	0.91 mm Aluminium Colour coated profile with center to center pitch of 175 mm, depth of 46 mm, top crest width of 41 mm, bottom valley width of 80 mm, overall profile width of 1144 mm, cover width 1050 mm.	sqm	2335.45
12.65.7	0.56 mm Aluminium profile with center to center pitch of 177.5 mm, depth of 28.5 mm, 987 mm overall profile width, cover width 900 mm	sqm	1221.15
12.65.8	0.71 mm Aluminium profile with center to center pitch of 177.5 mm, depth of 28.5 mm, 987 mm overall profile width, cover width 900 mm	sqm	1533.00
12.66	Providing and fixing of Pre-coated colour or mill finish Aluminium Roofing Accessories in 0.71 mm thickness ,Alloy 31500 (IS designation) [Aluminium Alloy (AA) 3004 (ISO designation)]. For colour, coating shall be 5-7 microns epoxy primer on both sides of the sheet and polyester top coat 15-18 microns, using self drilling/tapping SS screws of size 6 x 50 mm with 3 mm thick EPDM seal and SS plain washer complete :		
12.66.1	Precoated/mill finish aluminium Ridges plain (500- 600mm)	metre	1066.20
12.66.2	Precoated/mill finish aluminium Flashings/ Aprons (Upto 600 mm)	metre	977.15
12.66.3	Precoated/mill finish aluminium North light curves	metre	1055.90
12.66.4	Precoated/mill finish aluminium Barge board (Upto 200 mm)	metre	813.25
12.66.5	Precoated/mill finish aluminium Crimp curve	metre	914.70
12.66.6	Precoated/mill finish aluminium Gutter (600 mm over all girth)	metre	1808.65



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