Client: MADRAS SCHOOL OF ECONOMICS

New Class Room Block (G+2) at MSE, Kotturpuram, Chennai.

General Builders Work {(Foundation for G+3, Toilet & Lift) & (Super structure for G+2 class room & Lift related civil Works only)}

29.05.2024

S.NO	ITEMS OF WORK		AMOUNT
1	EARTH WORK	Rs.	
2	PLAIN CEMENT CONCRETE	Rs.	-
3	REINFORCED CEMENT CONCRETE	Rs.	
4	BRICK WORK	Rs.	-
5	PLASTERING	Rs.	-
6	DOORS & WINDOWS	Rs.	-
7	FLOORING	Rs.	_
8	ROOFING	Rs.	-
9	PAINTING	Rs.	-
10	MISCELLANEOUS WORK	Rs.	_
11	LIFT & LIFT FOYER WORKS	Rs.	-
	TOTAL (RS. PA)		-
	Add CGST @ 9%		-
	Add SGST @ 9%		-
	GRAND TOTAL (RS. PA)		-

Client: MADRAS SCHOOL OF ECONOMICS

New Class Room Block (G+2) at MSE, Kotturpuram, Chennai.

General Builders Work {(Foundation for G+3, Toilet & Lift) & (Super structure for G+2 class room & Lift related civil Works only)}

SLNO	DESCRIPTION OF WORK	UNIT	QUANTITY	RATE	AMOUNT
I	EARTH WORK EXCAVATION				
1	Excavate foundation in all kinds of soil including soft rock(except hard rock requiring blasting) part return and fill in foundation and basement in layers not exceeding 15cm in depth including watering, breaking clods and consolidating, and disposal of surplus earth away from the site upto 1.5m depth (No extra shall be payable for working space) Rate Should include cost of back filling	cu.m	315.00		-
2	Same as above but for 1.5m to 3m deep	cu.m	175.00		
3	Supplying and filling inside basement under floors with M.Sand in layers of not exceeding 300mm thick including watering and consolidating all complete as directed.		62.00		_
4	Supplying, laying, Spreading and consolidation of pit sand / earth as per relevant indian standards where ever required in layers not exceeding 200mm depth including breaking clods, storing, transportation, double handling, watering, compacting, each layer with 8-10 ton vibro roller to achieve 90 - 95 % proctor density of optimum moisture content, all leads and lifts, bailing / plumbing out of water to keep site dry while back filling. cost shall be include conveyance of all materials, labour, machinery, etc. complete as directed.the rate to include loadin, unloading hire and fuel charges fpr tools and plants and other incidental charges, etc. complete	cu.m	100.00		_
5	Same as above but Earth available at site	cu.m	QRO		

6	Providing and injecting chemical emulsion using Chloropyrifos(dursban) mixed as a water emulsion in ratio1:19 or equivalent for antitermite treatment and creating a chemical barrier all round the column pits, wall trenches, top surface of plinth filling, junction of wall and floor along the exterior perimeter of the building, expansion joints. surroundings of pipes and conduits etc. all complete as per IS 6313(part-II) 1981. (Plinth area of the building at ground floor only shall be measured excluding yard/open areas)	sq.m	215.00	-
	LAKIII WOKK OUMMAKI			-
II	PLAIN CEMENT CONCRETE			
7	Cement concrete 1:5:10 (1 cement, 5 sand, 10 hard blue granite stone metal 40mm and down gauge) laid in layers not exceeding 15cm each in depth and well consolidated in foundation including necessary shuttering. steps etc. all complete as directed.		25.00	-
8	Cement concrete 1:4:8(1 cement, 4 sand,8 hard blue granite stone metal 40mm and down gauge) in layers not exceeding 15cms in depth well consolidated in levelling course under floors including ecessary shuttering of required profile all complete as directed.	cu.m	17.00	-
	PCC WORK SUMMARY			 -
	REINFORCED CEMENT CONCRETE			
9	RCC M30(design mix) using hard blue granite metal 20mm and down gauge including centering, shuttering, curing etc. complete but excluding cost of reinforcement. Minium cement content should be 400kg/cu.m.			
	Note: M sand should be used for all RCC items			
9.1	In Raft Slab Concrete @ up to - 2800 mm Lvl	cu.m	43.00	-
9.2	In Raft Beam Concrete @ up to - 2800 mm LvI	cu.m	21.00	-
9.3	In columns in foundation, Pedestals and basement	cu.m	5.00	-

I	DCC M20(design mix) using hard blue			 :
	RCC M30(design mix) using hard blue granite metal 20mm and down gauge			
	including centering, shuttering, curing etc.			
10	complete but excluding cost of			
	reinforcement. Minium cement content	: :		
	should be 360 kg/cu.m.			
10.4			40.50	
10.1	In Plinth Beam	cu.m	12.50	 -
10.2	In columns in suppor etructuro			
a 10.2	In columns in super structure Ground Floor	cu.m	7.00	 _
<u>a</u>	First floor	cu.m	6.00	
C	Second floor	cu.m	6.00	
d	Terrace Floor Parapet	cu.m	3.00	 -
	Tenass riser raiaper		0.00	
10.3	in Lintels, Brackets			
а	Stilt floor	cu.m	2.00	 _
b	First floor	}		
	Second floor	cu.m	2.00	 -
С		cu.m	2.00	 -
d	Terrace floor	cu.m	0.50	 -
	in Sill slabs/beams of 50mm thickness			
10.4	including Plastering of all esposed surfaces			
	with C.M 1:3, 13 mm minimum thick all			
а	Ground floor	cu.m	1.50	-
b	First floor	cu.m	1.50	-
С	Second floor	cu.m	1.50	-
10.5	In RCC Sunshade			
а	Ground floor	Sq.m	30.00	 -
b	First floor	Sq.m	30.00	 _
С	Second floor	······		
	Occord floor	Sq.m	30.00	 -
	in beams and brackets of Required profile Ground floor		6.00	
a	First floor	cu.m	6.00 8.00	 -
b C	Second floor	cu.m	6.00	 -
ļ	Second 11001	cu.m	0.00	 -
	in Suspended roof slab(In beam and slab			
10.7	construction)			
а	Ground floor	cu.m	8.00	-
b	First floor & Library 2 Staircase lobby slab	cu.m	10.50	_
c	Second floor	cu.m	8.00	 _
<u>-</u>				
10.8	In Sloped Roof beam			
а	Ground floor	cu.m	12.50	 -
b	First floor	cu.m	12.50	 -
С	Second floor	cu.m	12.50	 -
10.9	In Sloped Roof slab			
а	Ground floor	cu.m	15.00	-
b	First floor	cu.m	15.00	-
С	Second floor	cu.m	15.00	 -

		[
10 10	In RCC walls of required thickness.	cu.m	6.00	 _
	Tree want of required unormose.	JU.111	0.00	
11	Supply,straighten,handle,cut bend,crank,fix and tie in position in all RCC items of work including cost of GI binding wire 18SWG double strand complete.(On actual length measurements of fabricated steel work,including authorised lappages only at theoretical weight for different sections payment will be made.) Basic price Rs.62,000.00 / M.T			
а	High yield strength deformed bars	MT	43.00	-
	RCC WORK SUMMARY			-
IV	BRICK WORK			
12	Brickwork with locally available Fly ash Bricks of size 230x110x70mm containing the Ash content upto 60% by weight of bricks and conforming to IS code 12894. The brick should comprise of uniform shape with frog and the Compressive strenght should not be less than 75Kg/sq.cm (75kg/sq.cm to100Kg/sq.cm) in Cement mortar 1:5 (1 cement, 5 sand) in foundation and plinth, etc.	cu.m	20.00	-
13	Brickwork with locally available Fly ash Bricks of size 230x110x70mm containing the Ash content upto 60% by weight of bricks and conforming to IS code 12894. The brick should comprise of uniform shape with frog and the Compressive strenght should not be less than 75Kg/sq.cm (75kg/sq.cm to 100Kg/sq.cm) in Cement mortar 1:5 (1 cement, 5 sand) in superstructure.			
а	Ground Gloor	cu.m	26.00	-
b	First floor	cu.m		-
č	Second floor	cu.m		
f	Terrace Parapet	cu.m	11.50	-
l		i		

	Second floor ceiling	sq.m	220.00	•	
b	First floor ceiling	sq.m	220.00		-
а	Ground Floor ceiling	sq.m	220.00		-
18	cement,3 sand) 12mm minimum thick (smooth and sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.				
	Note: M.sand should be used for all Plastering Prepare surfaces and plaster with C.M 1:3(1				
٧	PLASTERING				
	DRICK WORK SUMMART				-
	BRICK WORK SUMMARY				-
17	Supply and Filling of hemalite in Dias in each floors	Cu.m	8.00		-
16	Cement concrete 1:3:6(1 cement, 3 sand,6 hard blue granite stone metal 40mm and down gauge) in layers not exceeding 15cms in depth well consolidated in levelling course under floors including ecessary shuttering of required profile all complete as directed. (Filling In class room Gallery Steps) in all floors.		52.00		-
15	Brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in C.M1:5 mix(1cement, 5sand) in steps in staircase.in all levels. (In class room Gallery Steps) in all floors	Sq.m	29.00		-
С	Second floor	sq.m			-
a b	Ground Gloor First floor	sq.m sq.m	10.00 12.00		-
14	Half Brickwork with locally available Fly ash Bricks of size 230x110x70mm containing the Ash content upto 60% by weight of bricks and conforming to IS code 12894. The brick should comprise of uniform shape with frog and the Compressive strenght should not be less than 75Kg/sq.cm (75kg/sq.cm to 100Kg/sq.cm) in Cement mortar 1:4 (1 cement, 4 sand) and and reinforced with two numbers of 6mm dia.M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.				

19	Prepare surfaces and plaster with C.M 1:5(1 cement,5 sand) ,12mm minimum thick to all interior faces of walls (smooth finish) including RCC surfaces not contiguous to masonry. Note: All RCC and masonry junction shall be provided with 24 gauge chicken mesh of 6"width for the entire joining length before commencement of plastering at all levels. No extra shall be payable on this account			
а	Ground Floor	sq.m	150.00	-
b	First floor	sq.m	146.00	-
С	Second floor	sq.m	146.00	-
20	Prepare surfaces and plaster with C.M 1:5(1 cement,5 sand) ,12mm minimum thick to all external faces of brick walls(sponge finish) including RCC surfaces not contiguous to masonry. Rate should include cost for providing two coats of Nitobond/Fosroc in the grooves at all levels. Note: All RCC and masonry junction shall be provided with 24 gauge chicken mesh of 6"width for the entire joining length before commencement of plastering at all levels. No extra shall be payable on this account	sq.m	850.00	-
21	Providing 20 X10 mm Plaster groove at All Levels	Ru.m	255.00	-
	PLASTERING SUMMARY			-
L	.	å		i

VI	DOORS & WINDOWS			
22	Providing, supplying & fixing of glazed 2 Track -2 Panel Sliding Window made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron of 120 GSM profiles through out the window. The outer frame having a overall size of 60 x 45 mm with reinforcement of 1 mm thickness and sash with overall size of 39 x 58 mm with reinforcement of 1.5 mm thickness. Glazing bead for fixing of glass shall be of size 20 x 18mm and coextruded with gasket. Composition of profile shall consists a minimum of 6 PHR of TiO ₂ for every 100 parts of PVC resin. Windows shall be provided with 5mm plain float glass, standard hardware & single point locking system of flush lock. Wall thickness of frame & sash shall be 2 - 2.2 mm. (Make - VEKA)	sq.m	120.00	-
23	Country wood wrought and put up in frames of doors openings 10' Ht.The rate should include cost of providing 10 nos of M.S hold fast per door frame including providing a coat of approved primer all complete as directed. Note:The country wood shall be of first class padauk wood as approved by architect or client.	cu.m	0.60	-
24	Supplying and fixing in position Non decorative flush shutters of approved make and pattern of 38mm thick phenol formaldehyde synthetic resin (B.W.P Type specified in I.S 848-1974) bonded, solid block board core specified in I.S specification IS 1659-1959 or latest revision conforming to IS 2202(part-1)-1973 or latest revision and IS 2202(part 2)-1966 or latest revision with teak wood external lipping with cross bands and teak veneer face panels on both sides glued on to the core by hot press process excluding cost of furniture fittings, but including all labour for fixing complete.	sqm	16.00	-
25	Fixed Glass above Door shutter	sqm	7.00	-
	DOORS & WINDOWS SUMMARY			-

VII	FLOORING			
27	Laying first class vitrified ceramic clay tile of approved make (plain series) of size 600mmx600mmx10mm or approved size of approved colour (glossy/ satin finish) in flooring over a bed of cement mortar 1:4 of minimum thickness 20mm, 3mm spacer should be used jointed with white cement sluurry mixed with matching pigments all complete as directed at all levels. Basic Price shall be of Rs 60.00 per sft. (In class room Gallery's Steps)	sqm	450.00	-
	Laying first class vitrified ceramic skirting tile			
28	of approved make (plain series) of approved size of 600mmx600mmx10mm approved colour (glossy/ satin finish) in flooring over a bed of cement mortar 1:4 of minimum thickness 20mm, 3mm spacer should be used jointed with white cement sluurry mixed with matching pigments all complete as directed at all levels.Basic Price shall be of Rs 60.00 per sft.			
а	150mm Height (Around the wall)	Ru.m	145.00	 -
b	150mm height (In class room Gallery's Risers)	Ru.m	95.00	-
	FLOORING SUMMARY			
	1 20011110 0011111111111111111111111111			
VIII	ROOFING			
31	plaster, dust and debris construction joints raked, cleaned and washed and treat the surface with 'SURFACE METHOD' and finally covered with 'SEALPROOF CETROOF' water proofing plaster finished smooth with trowel for average thickness of 115mm as per the specification of 'INDIA WATER PROOFING CO'. at all levels. All openings, sleeves, drains, pipes etc. shall be specially treated and made sure that they are water tight. The item shall be measured in sq.m. The rate should include the cost of wall flashing or the watta. A guarantee certificate for a period of ten years shall be issued by the contractor for free	sq.m	165.00	_

32	Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/ masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc. jointed with wavin cement and lubricants with necessary clamps, brackets, bolts and nuts all complete as directed.			
a	110 mm dia	Ru.m	30.00	
a	ROOFING SUMMARY	IXU.III	30.00	
	ROOT ING GOIMMANT			-
	PAINTING			
IX	Prepare surfaces and paint with two coats of			
33	plastic emulsion paint of approved colour over two coats of JK White Cement putty	sq.m	1102.00	-
ļ	5			
34	Prepare surfaces and paint with two coats of Apex ultima paint/Nippon Sumo of approved colour and primer all complete as per manufacturer's specifications to all exterior faces of walls,etc	ea m	850.00	-
35	Prepare surfaces and paint with two coats of synthetic enamel paint of approved colour and manufacture over a coat of approved anti corrosive primer to new iron work at all	sq.m	110.00	-
ļ	December 1			
36	Prepare surfaces and paint with two coats of synthetic enamel paint of approved colour and manufacture over a coat of approved primer to new wood work in all floors.		50.00	-
	PAINTING SUMMARY			-
X	MISCELLANEOUS WORK			
37	Dismantling plastered brick work including stacking useful materials and disposing the debris complete as directed		15.00	-
38	Dismantling of RCC and disposal of Debris all complete as directed at all level	cu.m	7.00	-
L	į			

39	Providing and applying Epoxy Resign Concrete Agent Nito bond EP of Fosroc make or approved equivalent for jointing old concrete and new concrete surfaces, Including cleaning of old surface and applying the chemical which covers 2.5 sq.mper litre etc., complete all as directed by the engineer - in charge and as per manufacturers specifications	sq.m	10.00	-	
	Crops flooring 40mm thickly/asiaires			ļ	
40	Grano flooring 40mm thickb(minimum) composed of one part of cement, one part of sand, three parts of washed graded dry granite chippings all to pass through 6mm mesh free from dust including finishing the surface smooth with power trowel including necessary shuttering or glass strips to form panel of required size to be provided at no extra cost at all levels.	sq.m	QRO		
41	Providing chemical rebar anchoring using approved specialist chemicals of "HILTI" or "Fisher" make, drilling existing concrete to required diameter and depth, removing dust.				
а	8mm dia rods	nos	80.00	-	
b	10mm dia rods	nos	80.00	_	
С	12mm dia rods	nos	30.00	_	
d	16mm dia rods	nos	10.00	-	
е	20mm dia rods	nos	2.00	-	
42	Supplying, fabrication and fixing MS grills/guard bars made out of MS flats and MS square or round bars etc., to window and ventilator frames including cutting, bending, grinding, drilling and welding as perdesign with a shop coat of red oxide primer, complete	Kg	2500.00	-	
49	Removing the existing Kerb stones	Ru.m	26.00	-	
50	Dismantling the existing plinth oprotection slab & disposing the debris	Sq.m	35.00	-	

51	provision for removal and Refitting the existing linking cooridors with Mangalore tiled roof 12m length & 4.4m width (Concrete Piller - 250mm dia 12 nos, 2 nos of ISMC 75 Box section - 12m Length, Truss 2 nos of ISMC 75 Box section - 4.4m, Purlin 40x20 - 14 Nos - 12m Length, Mangaloor tile - 12mx4.4m) Rate should include the cost of disposal of debris and stacking the structural steel & Mangalore tile with in the campus as per client advise)	Job	1	-
52	Removing the existing Fencing	Sq.m	17.00	 -
	MISCELLANEOUS WORK SUMMARY			-
ΧI	LIFT & LIFT FOYER WORKS			
<u>^i</u>	RCC M30(design mix) using hard blue			
	granite metal 20mm and down gauge			
	including centering, shuttering, curing etc.	: :		
	complete but excluding cost of reinforcement. Minium cement content	: :		
	reinforcement. Minium cement content should be 360 kg/cu.m.			
1	In columns in super structure			
а	Ground Floor	cu.m	2.00	-
b	First floor	cu.m	2.00	-
<u>c</u>	Second floor	cu.m	2.00	 -
d	Terrace Floor Parapet	cu.m	3.00	 -
2	in Lintels, Brackets			
<u>-</u>	Stilt floor	cu.m	0.50	 _
b	First floor	cu.m	0.50	
С	Second floor	cu.m	0.50	
q	Terrace floor	cu.m	0.25	 _
u	Torraco neor	Gu.III	0.20	
	in Sill slabs/beams of 50mm thickness			
3	including Plastering of all esposed surfaces	: :		
	with C.M 1:3, 13 mm minimum thick all			
а	Ground floor	cu.m	0.50	-
b	First floor	cu.m	0.50	-
С	Second floor	cu.m	0.50	 _
<i>1</i>	In RCC Sunshade			
4	Ground floor	Sa m	7.00	
a b	First floor	Sq.m	7.00	 -
 С	Second floor	Sq.m	7.00 7.00	-
		Sq.m	7.00	-
5.0	in beams and brackets of Required profile			
<u>3.0</u>	Ground floor	cu.m	2.00	 -
b	First floor	cu.m	2.00	 -

6.0 a b	Second floor Terrace Floor in Suspended roof slab(In beam and slab construction)	cu.m cu.m	2.00 3.00	
6.0 a b	in Suspended roof slab(In beam and slab construction)			
a b c	construction)			
a b c			:	
b c	Cround floor			
С	Ground floor	cu.m	2.00	-
	First floor & Library 2 Staircase lobby slab	cu.m	2.00	-
d	Second floor	cu.m	2.00	-
	Terrace Floor	cu.m	2.00	-
7	Supply,straighten,handle,cut bend,crank,fix and tie in position in all RCC items of work including cost of GI binding wire 18SWG double strand complete.(On actual length measurements of fabricated steel work,including authorised lappages only at theoretical weight for different sections payment will be made.) Basic price Rs.62,000.00 / M.T			
а	High yield strength deformed bars	MT	5.00	-
i.	BRICK WORK			
8	Brickwork with locally available Fly ash Bricks of size 230x110x70mm containing the Ash content upto 60% by weight of bricks and conforming to IS code 12894. The brick should comprise of uniform shape with frog and the Compressive strenght should not be less than 75Kg/sq.cm (75kg/sq.cm to 100Kg/sq.cm) in Cement mortar 1:5 (1 cement, 5 sand) in superstructure.			
а	Ground Gloor	cu.m	7.00	-
	First floor	cu.m	7.00	-
С	Second floor	cu.m	7.00	-
	Terrace Parapet	cu.m	9.00	-
	PLASTERING			
	Note: M.sand should be used for all			
:	• • • • • • • • • • • • • • • • • • • •			
	Plastering Prepare surfaces and plaster with C.M 1:3(1)			
9	cement,3 sand) 12mm minimum thick (smooth and sponge finish) to ceiling sides and soffit of beams and columns and other interior and exterior RCC surfaces not contiguous to masonry.			
	Ground Floor ceiling	sq.m	12.00	
	First floor ceiling	······		-
		sq.m	12.00	-
	Second HOOLCEHIOO	sq.m	12.00	-
С	Second floor ceiling Third floor ceiling	sq.m	16.00	

10	Prepare surfaces and plaster with C.M 1:5(1 cement,5 sand) ,12mm minimum thick to all interior faces of walls (smooth finish) including RCC surfaces not contiguous to masonry. Note: All RCC and masonry junction shall be provided with 24 gauge chicken mesh of 6"width for the entire joining length before commencement of plastering at all levels. No extra shall be payable on this account			
а	Ground Floor	sq.m	45.00	-
b	First floor	sq.m	45.00	-
С	Second floor	sq.m	45.00	-
d	Third Floor	sq.m	63.00	-
11	Prepare surfaces and plaster with C.M 1:5(1 cement,5 sand) ,12mm minimum thick to all external faces of brick walls(sponge finish) including RCC surfaces not contiguous to masonry. Rate should include cost for providing two coats of Nitobond/Fosroc in the grooves at all levels. Note: All RCC and masonry junction shall be provided with 24 gauge chicken mesh of 6"width for the entire joining length before commencement of plastering at all levels. No extra shall be payable on this account	sq.m	182.00	-
12	Providing 20 X10 mm Plaster groove at All Levels	Ru.m	96.00	-
	DOORS & WINDOWS			
******************	A	•		***************************************

13	Providing, supplying & fixing of glazed 2 Track -2 Panel Sliding Window made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron of 120 GSM profiles through out the window. The outer frame having a overall size of 60 x 45 mm with reinforcement of 1 mm thickness and sash with overall size of 39 x 58 mm with reinforcement of 1.5 mm thickness. Glazing bead for fixing of glass shall be of size 20 x 18mm and coextruded with gasket. Composition of profile shall consists a minimum of 6 PHR of TiO ₂ for every 100 parts of PVC resin. Windows shall be provided with 5mm plain float glass, standard hardware & single point locking system of flush lock. Wall thickness of frame & sash shall be 2 - 2.2 mm. (Make - VEKA)	sq.m	35.00	-
14	Country wood wrought and put up in frames of doors openings 10' Ht.The rate should include cost of providing 10 nos of M.S hold fast per door frame including providing a coat of approved primer all complete as directed. Note:The country wood shall be of first class padauk wood as approved by architect or client.	cu.m	0.10	-
15	Supplying and fixing in position Non decorative flush shutters of approved make and pattern of 38mm thick phenol formaldehyde synthetic resin (B.W.P Type specified in I.S 848-1974) bonded, solid block board core specified in I.S specification IS 1659-1959 or latest revision conforming to IS 2202(part-1)-1973 or latest revision and IS 2202(part 2)-1966 or latest revision with teak wood external lipping with cross bands and teak veneer face panels on both sides glued on to the core by hot press process excluding cost of furniture fittings, but including all labour for fixing complete.	sqm	3.50	-
16	Fixed Glass above Door shutter	sqm	7.00	-
	FLOORING			

17	Laying first class vitrified ceramic clay tile of approved make (plain series) of size 600mmx600mmx10mm or approved size of approved colour (glossy/ satin finish) in flooring over a bed of cement mortar 1:4 of minimum thickness 20mm, 3mm spacer should be used jointed with white cement sluurry mixed with matching pigments all complete as directed at all levels. Basic Price shall be of Rs 60.00 per sft. (In class room Gallery's Steps)	sqm	41.00	-
18	Laying first class vitrified ceramic skirting tile of approved make (plain series) of approved size of 600mmx600mmx10mm approved colour (glossy/ satin finish) in flooring over a bed of cement mortar 1:4 of minimum thickness 20mm, 3mm spacer should be used jointed with white cement sluurry mixed with matching pigments all complete as directed at all levels.Basic Price shall be of Rs 60.00 per sft.		54.00	
a	150mm Height	Nu.III	54.00	-
19	plaster, dust and debris construction joints raked, cleaned and washed and treat the surface with 'SURFACE METHOD' and finally covered with 'SEALPROOF CETROOF' water proofing plaster finished smooth with trowel for average thickness of 115mm as per the specification of 'INDIA WATER PROOFING CO'. at all levels. All openings, sleeves, drains, pipes etc. shall be specially treated and made sure that they are water tight. The item shall be measured in sq.m. The rate should include the cost of wall flashing or the watta. A guarantee certificate for a period of ten years shall be issued by the contractor for free maintenance of the treated area.	sq.m	20.00	-
20	Supplying and embedding P.V.C rain water pipes of approved quality embedded inside the RC columns/ masonry in position with all necessary specials like shoes, bends or any other specials required to suit site conditions etc. jointed with wavin cement and lubricants with necessary clamps, brackets, bolts and nuts all complete as directed.			
а	110 mm dia	Ru.m	15.00	 -

······································				
	PAINTING			
21	Prepare surfaces and paint with two coats of plastic emulsion paint of approved colour over two coats of JK White Cement putty and primer all complete as per manufacturer's specifications to all interior faces of walls & Ceiling, etc in all floors.	sq.m	250.00	-
22	Prepare surfaces and paint with two coats of Apex ultima paint/Nippon Sumo of approved colour and primer all complete as per manufacturer's specifications to all exterior faces of walls,etc	oa m	182.00	-
23	Prepare surfaces and paint with two coats of synthetic enamel paint of approved colour and manufacture over a coat of approved anti corrosive primer to new iron work at all	sq.m	30.00	-
24	Prepare surfaces and paint with two coats of synthetic enamel paint of approved colour and manufacture over a coat of approved primer to new wood work in all floors.		30.00	-
	PAINTING SUMMARY			-