



**OFFICE OF THE SENIOR PROJECT MANAGER, INFRASTRUCTURE DIVISION
ODISHA BRIDGE & CONSTRUCTION CORPORATION LIMITED**

01C

(A Government of Odisha Undertaking under Works Department)

O.M.P. Square, Cuttack – 753004

Email: ctcdv3@obcc.in

No: 328/WE

Date: 08-07-2022

To

**The Senior Chief General Manager,
O.B. & C.C. Ltd, Bhubaneswar**

Sub: Construction of Netaji Bus Terminus at Cuttack on lumpsum turnkey basis / **Regarding submission of Bill of Quantity for the work:** - Development of Maa Smasan Kali Temple, Khannagar, Cuttack

Ref: (1) Contract Agreement No- 02/Turnkey- Lump Sum/ 2021-22
(2) CGM-III, O.B.& C.C. Ltd, BBSR kind office Memo No- 6042 Dated 02/08/2021

Sir,

In inviting a kind reference to the subject cited above, it is to submit herewith the BOQ of the work "**Development of Maa Smasan Kali Temple, Khannagar, Cuttack**" for issuance of COS Notice to the executant. The above development work has been awarded to M/s URC Construction (P) Ltd under Change of Scope as per Clause No-37 of the Agreement vide CGM-III, O.B.& C.C. Ltd, BBSR letter No. 6041, Dated 02-08-2021. The Bill of Quantity has been prepared basing upon the working estimate as submitted by M/s Designer Forum, Bhubaneswar

This is for favour of your kind information and necessary action.

Encl: - (1) Bill of Quantity – 2 Sets
(2) Estimate – 1 Set

Yours faithfully,


**Sr. Project Manager,
Infrastructure Division
O.B. & C.C. Ltd, Cuttack**

Memo No. 329 /Dt 08-07-2022

Copy submitted to the E.I.C-cum-M.D., O.B. & C.C. Ltd., Bhubaneswar for favour of kind information and necessary action.


**Sr. Project Manager,
Infrastructure Division
O.B. & C.C. Ltd, Cuttack**

DEVELOPMENT OF MAA SMASAN KALI TEMPLE AT KHANNAGAR, CUTTACK					
BILL OF QUANTITIES					
SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
1	Earthwork in excavation upto 1.50mtr depth of foundation trenches for columns, basement, tie beams, walls and steps in following types of soil including moorum, hard stony earth, earth mixed with boulders, Laterite rocks etc but not requiring blasting with initial leads and lifts including dressing and leveling the bed sides up to required depth and depositing the excavated materials at places away from the work site with T&P for shoring, shuttering, dewatering if required etc. complete as per the drawing, design including cost of all labour, T&P etc. as required for the work complete as directed by the Engineer-in-charge.	2267.21	CUM	205.30	4,65,458.21
2	Earthwork in excavation beyond 1.50mtr depth of foundation trenches for columns, basement, tie beams, walls and steps in following types of soil including moorum, hard stony earth, earth mixed with boulders, Laterite rock etc but not requiring blasting with initial leads and lifts including dressing and leveling the bed sides up to required depth and depositing the excavated materials at places away from the work site with T&P for shoring, shuttering, dewatering if required etc. complete as per the drawing, designing including cost of all labour, T&P etc. as required for the work complete as directed by the Engineer-in-charge.	82.62	CUM	220.10	18,184.66
3	Filling foundation trenches and plinth with excavated earth including laying the earth in layers not exceeding 23.5cm (9") thick ramming and watering with all leads and lifts including cost of all labour, T&P etc. complete as directed by the Engineer-in-charge.	808.63	CUM	114.00	92,183.82
4	Supplying and filling the Foundation & Plinth with clean coarse river sand of approved quality from approved quarry, laying in layers not exceeding 150mm thick, watering and ramming including cost, conveyance, royalty and taxes of all materials, cost of all labour, T&P etc. as required for the work complete as per direction of the Engineer-in-charge.	2328.18	CUM	280.90	6,53,985.76
5	Providing & laying cement concrete of prop. (1:3:6) in foundation bed and floors using 40mm nominal size down graded, screened, washed hard black crusher broken granite metal of approved quality & from approved quarry including laying in the layers not exceeding 100 mm thick, hoisting, lowering, laying, watering and curing etc. complete to the required levels including cost, conveyance, royalty and taxes of all materials, cost of all labour, T&P etc. as required for the work complete and as per direction of Engineer-in-charge.	164.22	CUM	4569.30	7,50,370.45
6	Providing and laying plain cement concrete of (1:2:4) for mending of sewer line trench using 12 mm. Size black hard crusher broken granite stone chips and screened and washed sharp sand for mortar of approved quality from approved quarry, including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete to required levels laid in layers not exceeding 15 cm thick in each layer including cost, conveyance, loading, unloading, royalties and taxes of all materials and cost of all labours, sundries, T & P required for the work etc complete as per the instruction of the Engineer-in-Charge.	5.21	CUM	5896.10	30,718.68
7	Double under reamed pile foundation of 300mm dia and 7.5m long with RCC M25 using 20mm size black hard granite crusher broken chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel Complete as per direction of Engineer-in-charge.	31	NOS.	7048.48	2,18,502.89
8	Single under reamed pile foundation of 300mm dia and 4.5m long with RCC M25 using 20mm size black hard granite crusher broken chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel Complete as per direction of Engineer-in-charge .	10.00	NOS.	3965.60	39,656.00

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
9	R.C.C. work of M-25 for foundation having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	61.44	CUM	5271.80	3,23,899.39
10	R.C.C. work of M-30 for foundation having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	21.00	CUM	5168.00	1,08,528.00
11	R.C.C. work of M-30 for Wall having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	12.30	CUM	5168.00	63,566.40
12	R.C.C. work of M-25 for plinth beam having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	18.10	CUM	5624.90	1,01,810.69
13	R.C.C. work of M-25 for Ground Floor Roof beam and column having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	43.90	CUM	10930.80	4,79,862.12

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
14	R.C.C. work of M-25 for First Floor Roof beam and column having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	10.99	CUM	12165.10	1,33,694.45
15	R.C.C. work of M-25 for Second Floor Roof beam and column having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	1.69	CUM	13642.30	23,055.49
16	R.C.C. work of M-25 for Ground Floor lintel having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	3.37	CUM	8777.20	29,579.16
17	R.C.C. work of M-25 for First Floor lintel having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	0.91	CUM	9581.30	8,718.98

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
18	R.C.C. work of M-25 for Second Floor lintel having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	0.13	CUM	10541.90	1,370.45
19	R.C.C. work of M-25 for Ground Floor Staircase having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	1.70	CUM	10452.00	17,768.40
20	R.C.C. work of M-25 for First Floor Staircase having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	1.70	CUM	11590.40	19,703.68
21	R.C.C. work of M-25 for Ground Floor Chhaja having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	8.07	SQM	800.55	6,460.44

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
22	R.C.C. work of M-25 for First Floor Chhaja having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	2.70	SQM	847.70	2,288.79
23	R.C.C. work of M-25 for Second Floor Chhaja having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	1.02	SQM	955.08	974.18
24	R.C.C. work of M-25 for Ground Floor roof slab having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	24.86	CUM	9372.40	2,32,997.86
25	R.C.C. work of M-25 for First Floor roof slab having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	7.13	CUM	10294.30	73,398.36

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
26	R.C.C. work of M-25 for roof slab having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	1.95	CUM	8522.00	16,617.90
27	R.C.C. work of M-25 for slope roof slab having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	11.45	CUM	10206.60	1,16,865.57
28	R.C.C. work of M-25 for walls having minimum compressive strength of 250kg./cm ² in 15cm cubes at 28 days and in accordance with I.S. 456 and I.S. 516 using crusher broken hard black granite chips of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per drawing, design and direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills.	0.45	CUM	9475.80	4,264.11
29	Providing & fixing TOR Fe-500 D grade reinforcement bars (Ground Floor) of approved makes as per DTCN for RCC work of required diameter with straightening, cutting, bending, binding welding and joining (if necessary) and tying the grills and placing in position as required for R.C.C. work and providing fan hooks, hoisting, lowering and laying including cost, conveyance and taxes of tor steel and binding wires of 18 to 20 gauge and labour required for the work for bending, binding and tying the grills in all heights as per the drawing, design and direction of Engineer-in-charge. (Linear measurements will be taken & quantity will be calculated on standard weight. Weight of binding wire will not be considered for measurement.)	278.47	QTL	7634.63	21,26,015.42
30	Providing & fixing TOR Fe-500 D grade reinforcement bars (First Floor) of approved makes as per DTCN for RCC work of required diameter with straightening, cutting, bending, binding welding and joining (if necessary) and tying the grills and placing in position as required for R.C.C. work and providing fan hooks, hoisting, lowering and laying including cost, conveyance and taxes of tor steel and binding wires of 18 to 20 gauge and labour required for the work for bending, binding and tying the grills in all heights as per the drawing, design and direction of Engineer-in-charge. (Linear measurements will be taken & quantity will be calculated on standard weight. Weight of binding wire will not be considered for measurement.)	32.29	Qntl	7654.96	2,47,178.66

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
31	Providing & fixing TOR Fe-500 D grade reinforcement bars (Second Floor) of approved makes as per DTCN for RCC work of required diameter with straightening, cutting, bending, binding welding and joining (if necessary) and tying the grills and placing in position as required for R.C.C. work and providing fan hooks, hoisting, lowering and laying including cost, conveyance and taxes of tor steel and binding wires of 18 to 20 gauge and labour required for the work for bending, binding and tying the grills in all heights as per the drawing, design and direction of Engineer-in-charge. (Linear measurements will be taken & quantity will be calculated on standard weight. Weight of binding wire will not be considered for measurement.)	3.56	Qntl	7676.30	27,327.63
32	Rigid & smooth centering & shuttering of R.C.C/P.C.C works & dismantling then after casting including cost of all materials etc. complete in ground floor in all respect as per specification & direction of Engineer-in-charge.				
	FOUNDATION RCC	SQM	17.92	100.90	1,808.13
	SHEAR KEY	SQM	12.18	100.90	1,228.96
	WALL	SQM	83.23	622.20	51,785.71
33	Supplying and fixing big six or trafford A.C. Sheet in roof including fixing of ridges wind ties etc including cost of all materials, conveyance, loading and unloading, royalties and taxes all materials and cost all labours, sundries, T&P required for the work complete as per instruction of the Engineer in charge.	18.00	SQM	352.72	6,348.96
34	Brick work in foundation and plinth with flyash bricks of size 25x12x8cm in cement mortar (1:6) with best quality bricks having crushing strength not less than 75 Kg/cm ² immersing the bricks in water for not less than 6 hours before use (the bricks shall be free from cracks, well shaped, uniform in size and shall produce a clear metallic ringing sound when struck) includes molding, chamfering, corbelling .complete as per drawing, design and specification, watering and curing for 7days including cost, conveyance, royalty and taxes of all materials, labour, T&P etc. and as per direction of Engineer in charge.	120.91	CUM	4195.85	5,07,320.22
35	Brick work in superstructure Ground Floor with flyash bricks of size 25x12x8cm in cement mortar (1:6) with best quality bricks having crushing strength not less than 75 Kg/cm ² immersing the bricks in water for not less than 6 hours before use (the bricks shall be free from cracks, well shaped, uniform in size and shall produce a clear metallic ringing sound when struck) includes molding, chamfering, corbelling .complete as per drawing, design and specification, watering and curing for 7days including cost, conveyance, royalty and taxes of all materials, labour, T&P etc. and as per direction of Engineer in charge.	81.40	CUM	4229.18	3,44,255.25
36	Brick work in superstructure First Floor with flyash bricks of size 25x12x8cm in cement mortar (1:6) with best quality bricks having crushing strength not less than 75 Kg/cm ² immersing the bricks in water for not less than 6 hours before use (the bricks shall be free from cracks, well shaped, uniform in size and shall produce a clear metallic ringing sound when struck) includes molding, chamfering, corbelling .complete as per drawing, design and specification, watering and curing for 7days including cost, conveyance, royalty and taxes of all materials, labour, T&P etc. and as per direction of Engineer in charge.	32.47	CUM	4456.87	1,44,706.21
37	Brick work in superstructure Second Floor with flyash bricks of size 25x12x8cm in cement mortar (1:6) with best quality bricks having crushing strength not less than 75 Kg/cm ² immersing the bricks in water for not less than 6 hours before use (the bricks shall be free from cracks, well shaped, uniform in size and shall produce a clear metallic ringing sound when struck) includes molding, chamfering, corbelling .complete as per drawing, design and specification, watering and curing for 7days including cost, conveyance, royalty and taxes of all materials, labour, T&P etc. and as per direction of Engineer in charge.	12.01	CUM	4718.73	56,671.95

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
38	Brick work in superstructure with flyash bricks of size 25x12x8cm in cement mortar (1:4) with best quality bricks having crushing strength not less than 75 Kg/cm ² immersing the bricks in water for not less than 6 hours before use (the bricks shall be free from cracks, well shaped, uniform in size and shall produce a clear metallic ringing sound when struck) includes molding, chamfering, corbeling .complete as per drawing, design and specification, watering and curing for 7days including cost, conveyance, royalty and taxes of all materials, labour, T&P etc. and as per direction of Engineer in charge.	7.46	CUM	4434.77	33,083.38
39	Providing & laying GRC roof tiles of Unistone including ridge (as per approved pattern 20mm nominal thickness and of approved size) on roofs jointed with cement mortar 1:1 mixed with 2% integral water proofing compound laid over a bed of 25mm thick cement mortar 1:1 and finished neat complete as per direction of Engineer-in-charge.	120.56	SQM	1272.31 (LS)	1,53,389.69
40	Providing kota stone flooring in Ground Floor using kota stone of approved quality, colour and size of 25mm minimum thick in floors, treads on steps and landings in all floors at all height on 25mm thick bed of cement mortar of mix (1:1) laid in proper slope and gradient with screened and washed sharp sand for mortar and grouted with neat white cement slurry jointing the kota stone with neat white cement slurry mixed with required quantities of pigments of approved marks to match the shades of the kota stone, if required , watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work including rubbing mechanically and wax polishing etc. complete in all respect as per specification and direction of Engineer-in-charge.	43.24	SQM	1055.69	45,648.04
41	Providing kota stone flooring in First Floor using kota stone of approved quality, colour and size of 25mm minimum thick in floors, treads on steps and landings in all floors at all height on 25mm thick bed of cement mortar of mix (1:1) laid in proper slope and gradient with screened and washed sharp sand for mortar and grouted with neat white cement slurry jointing the kota stone with neat white cement slurry mixed with required quantities of pigments of approved marks to match the shades of the kota stone, if required , watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work including rubbing mechanically and wax polishing etc. complete in all respect as per specification and direction of Engineer-in-charge.	16.39	SQM	1073.86	17,600.57
42	Supplying, fitting and fixing in position, 25mm minimum thick kota stone of approved quality and size in dadoes in Ground Floor at all heights and riser of steps on 12mmm thick cement plaster (1:3) using screened and washed sharp sand for mortar with grouted with neat cement slurry and jointed with neat cement slurry mixed with required shade of pigments to match the shade of the tiles including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, curing-sundries and T&P, etc. required for the work complete as per specification and direction of Engineer-in-charge.	6.85	SQM	1154.15	7,905.93
43	Supplying, fitting and fixing in position, 25mm minimum thick kota stone of approved quality and size in dadoes in First Floor at all heights and riser of steps on 12mmm thick cement plaster (1:3) using screened and washed sharp sand for mortar with grouted with neat cement slurry and jointed with neat cement slurry mixed with required shade of pigments to match the shade of the tiles including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, curing-sundries and T&P, etc. required for the work complete as per specification and direction of Engineer-in-charge.	3.19	SQM	1180.29	3,765.13

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
44	Providing coloured/printed series vitrified tile in Ground Floor flooring tile of premium grade 10mm thick conforming to IS 13756 of 600mmx600mm coloured / printed series (homogeneous) of approved quality, colour in floors, treads on steps and landings in all floors at all height on 20mm thick bed of cement mortar of mix (1:4) laid in proper slope and gradient with screened and washed sharp sand for mortar and grouted with epoxy grout with required quantities of pigments of approved marks to match the shades of the vitrified tile if required watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work, complete in all respect as per specification and direction of Engineer-in-charge.	196.74	SQM	934.38	1,83,829.92
45	Providing Coloured/printed series vitrified tile in First Floor flooring tile of premium grade 10mm thick conforming to IS 13756 of 600mmx600mm coloured / printed series (homogeneous) of approved quality, colour in floors, treads on steps and landings in all floors at all height on 20mm thick bed of cement mortar of mix (1:4) laid in proper slope and gradient with screened and washed sharp sand for mortar and grouted with epoxy grout with required quantities of pigments of approved marks to match the shades of the vitrified tile if required watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work, complete in all respect as per specification and direction of Engineer-in-charge.	39.15	SQM	942.80	36,910.62
46	Supplying, fitting and fixing of coloured/printed series vitrified tiles in skirting (Ground Floor) of premium grade 10mm thick conforming to IS 13756 of 600mmx600mm coloured / printed series (homogeneous) of approved quality, colour of approved quality and size in dadoes in all floors at all heights and riser of steps on 12mm thick cement plaster (1:3) using screened and washed sharp sand for mortar with grouted Epoxy grout to match the shade of the tiles including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, curing-sundries and T&P, etc. required for the work complete as per specification and direction of Engineer-in-charge.	17.81	SQM	1345.87	23,969.94
47	Supplying, fitting and fixing of coloured/printed series vitrified tiles in skirting (FirstFloor) of premium grade 10mm thick conforming to IS 13756 of 600mmx600mm coloured / printed series (homogeneous) of approved quality, colour of approved quality and size in dadoes in all floors at all heights and riser of steps on 12mm thick cement plaster (1:3) using screened and washed sharp sand for mortar with grouted Epoxy grout to match the shade of the tiles including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, curing-sundries and T&P, etc. required for the work complete as per specification and direction of Engineer-in-charge.	5.65	SQM	1358.54	7,675.75
48	Providing in 30cmx45cm/30cmx60cm size special plain/printed series edge cut ceramic wall tiles in Ground Floor of premium grade of approved make having thickness 6.5mm to 6.7mm conforming to IS 13753 of approved make & shade in Dadoes over 12mm thick cement plaster 1:3 (1 Cement: 3 Coarse sand) finished with modular pointing in white cement & pigment to match the shade of the tiles including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour curing sundries and T & P etc. required for the work etc. complete as per specification and direction of Engineer-in-charge.	154.43	SQM	638.79	98,648.34

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
49	Providing in 30cmx45cm/30cmx60cm size special plain/printed series edge cut ceramic wall tiles in First Floor of premium grade of approved make having thickness 6.5mm to 6.7mm conforming to IS 13753 of approved make & shade in Dadoes over 12mm thick cement plaster 1:3 (1 Cement: 3 Coarse sand) finished with modular pointing in white cement & pigment to match the shade of the tiles including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour curing sundries and T & P etc. required for the work etc. complete as per specification and direction of Engineer-in-charge.	25.62	SQM	647.21	16,581.52
50	Providing granite flooring of approved quality and size in Ground Floor staircase floors, kitchen platform including edge moulding and groove cutting etc in all floors at all height on 25mm thick bed of cement mortar of mix (1:1) laid in proper slope and gradient with screened and washed sharp sand for mortar and grouted with neat white cement slurry jointing the tile with neat white cement slurry mixed with required quantities of pigments of approved marks to match the shades of the marble tile if required watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work including rubbing mechanically and wax polishing etc. complete in all respect as per specification and direction of Engineer-in-charge.	29.58	SQM	2196.94	64,985.49
51	Providing granite flooring of approved quality and size in First Floor staircase floors, kitchen platform including edge moulding and groove cutting etc in all floors at all height on 25mm thick bed of cement mortar of mix (1:1) laid in proper slope and gradient with screened and washed sharp sand for mortar and grouted with neat white cement slurry jointing the tile with neat white cement slurry mixed with required quantities of pigments of approved marks to match the shades of the marble tile if required watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work including rubbing mechanically and wax polishing etc. complete in all respect as per specification and direction of Engineer-in-charge.	10.51	SQM	2205.36	23,178.33
52	Supplying, fitting and Fixing granite tiles (Ground Floor) in dados skirting and risers of steps in staircase on 12mm thick cement plaster (1:3) laid in proper slope and gradient with screened and washed sharp sand for mortar jointed with neat cement slurry mixed with pigments of approved makes to match the shade of the tiles if required watering and curing for 21 days including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work including rubbing mechanically and wax polishing etc. complete in all respect as per specification and direction of Engineer-in-charge.	5.12	SQM	2607.97	13,352.81
53	Supplying, fitting and Fixing granite tiles (First Floor) in dados skirting and risers of steps in staircase on 12mm thick cement plaster (1:3) laid in proper slope and gradient with screened and washed sharp sand for mortar jointed with neat cement slurry mixed with pigments of approved makes to match the shade of the tiles if required watering and curing for 21 days including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work including rubbing mechanically and wax polishing etc. complete in all respect as per specification and direction of Engineer-in-charge.	5.12	SQM	2633.31	13,482.55

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
54	Supplying, fitting and fixing in position 25mm thick cement concrete tile of approved make, quality, colour and size in all floors at all height on 20mm thick bed of cement mortar of mix (1:4) laid in proper slope and gradient grouted with neat white cement slurry with required quantities of pigments of approved marks watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work complete in all respect as directed by the Engineer-in-charge	51.01	SQM	925.81	47,225.57
55	Supplying, fitting, fixing up window (sliding type) made up aluminum Section 151-154, 151-155, as windows frame section No. 151-155, 151-153 and 151-167 as shutter framewith 5mm thick black glass as panel fittedwith rubber beading including lockingarrangement including all fitting includingcost of materials all taxes labour, T&P etc. complete as per direction of Engineer-in-charge.	37.86	SQM	5690.47	2,15,441.19
56	Providing and fixing of Fixed Ventilator of approved make to be fabricated from roll formed sections made of pre-painted steel (base steel as per IS-513 of 0.6mm thick "D" quality galvanized as per IS-277 with zinc of 120 Gm/sqm) (FIXED VENTILATORS)	9.36	SQM	4665.44	43,668.52
57	Supplying, fitting and fixing of M.S window grills (as per I.S. specification and as per approved drawings) in proper position in all floors and at all height including making holes to brick walls/ R.C.C structure/wood work etc. and making good to the damaged walls/ structures with cement concrete (1:2:4) with black hard crusher broken granite stone chips of 12mm to 20mm size (20mm size not to exceeds 25 %) including watering and curing etc. complete in all respect as directed by the Engineer in charge.	938.66	KG	66.83	62,730.65
58	Providing and fixing in position well dressed, naturally seasoned sal wood rebated frames of size 125mmx63mm to doors including two coats of hot bitumen applied to rear of frame in contact with masonry or concrete surface fixed with MS hold fast of 35x5mm embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) complete with all materials, labours, T & P including cost, conveyance, loading, sundries required for the work etc. complete in all respect as directed by the Engineer-in-charge	1.12	CUM	47750.04	53,480.04
59	Supplying fitting and fixing in position 32mm thick flush door with teak wood beading and 1mm thick sumnica to both side pasted with adhesive including fixing of fixtures like Godrej make Mortice lock having model no 9168, Godrej make Door closure having model no 8340, 100mm aluminium hinges, handle, tower bolt, stopper including cost of all materials, labour, all taxes, transportation, loading & unloading etc. complete as per specification and direction of Engineer -in-charge.	34.92	SQM	6892.16 (LS)	2,40,674.23

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
60	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitered at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19mm 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 65/100mm size, complete as per manufacturers as per specification and direction of Engineer-in-Charge and Providing and fixing factory made panel 30 mm thick plain PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5mm thick heat molded PVC 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 45degree angle on both side forming styles; and 5mm thick, 95mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10mm (5mm x 2) thick, 20mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7mm (5mm+2mm) thick x 15mm wide PVC sheet beadning on inner side, and joined together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. but excluding GST complete as per direction of Engineer-in-charge. Manufacturer as per specification & drawing.	9.90	SQM	4355.63 (LS)	43,120.74
61	Providing and fixing rolling shutters of approved make, made of 80x1.25mm laths interlocked together through their entire length and jointed at the 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 grade no 2. and M.S. top cover 1.25mm thick for rolling shutter. Fixing of shutter with lugs of 15x 6mm in 15cmx10cmx10cm cement concrete blocks of 1:2:4 (1cement:2 coarse sand:4 graded stone aggregate) including cost of all materials, labour,T&P etc complete as per direction of Engineer in charge.	14.03	SQM	3299.25 (LS)	46,288.48
62	Supplying fitting and fixing in position toilet partition & door of 12mm thick of Merino industries limited (ZMS Nylon Series) of approved quality and as per drawing & design with all necessary aluminium "u" Channel, "F" Channel, aluminium door stopper channel, aluminium top rail, nylon coat hock, nylon privacy thumb turn, nylon door knob, nylon hinge with cover, nylon adjustable foot, rubber door stopper, ss screw 304 G & P.V.C wall plugs etc including cost of all materials, labour, all taxes, transportation, loading & unloading etc. complete as per specification and direction of Engineer -in-charge.	42.36	SQM	7799.47 (LS)	3,30,385.55
63	Providing 25mm thick grading concrete in C.C. (1:2:2) laid in proper slope over Ground floor roof slab by using two part of sand, one part of cement and two parts of 6mm size black hard crusher broken granite chips with addition of water proofing compound of approved quality to be mixed with specified ratio including watering, curing, cost, conveyance, royalties, taxes of all materials, cost of all labour, T&P etc. complete as required for the finished item of work as directed by the Engineer-in-charge.	146.14	SQM	289.04	42,240.31

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
64	Providing 25mm thick grading concrete in C.C. (1:2:2) laid in proper slope over First floor roof slab by using two part of sand, one part of cement and two parts of 6mn size black hard crusher broken granite chips with addition of water proofing compound of approved quality to be mixed with specified ratio including watering, curing, cost, conveyance, royalties, taxes of all materials, cost of all labour, T&P etc. complete as required for the finished item of work as directed by the Engineer-in-charge.	83.55	SQM	312.98	26,149.48
65	Providing 20mm. average thick grading plaster with cement mortar of mix (1:4) in all floors at all height with portland slag cement on top of roof slab after chipping and chiseling the same and cleaning the entire surface with wire brush, finished smooth to proper slope and gradient with watering and curing etc. complete including cost, coveyance, loading and unloading, royalties and taxes of all materials and cost of all labours, sundries, T&P required for the work etc. complete in all respect as directed by the Engineer in charge.	117.82	SQM	212.95	25,089.77
66	Providing and applying 2 coats of 1mm thick elastomeric cementitious waterproofing coating Brushbond RFX of Fosroc Chemicals Tested to ASTM D4060, ASTM D4541, ASTM D638, ASTM C836. with Adhesion to concrete : >1N/mm ² for waterproofing structures like roof slabs, sunken slabs, chajjas, tunnels, water tank etc. after proper surface preparation and soaking the surface with water prior to application complete as specified and directed by the Department at all levels.	7.95	SQM	477.95 (-/-)	3,799.70
67	Providing 16mm. thick cement plaster in Ground Floor at all height with cement mortar of mix (1:6) finished smooth to outside smooth surface of brick masonry walls after racking out the joints including watering and curing, rounding of corners etc. complete with cost, coveyance, loading and unloading, royalties and taxes of all materials and cost of all labours, sundries, T&P and scaffolding required for the work etc. complete in all respect as desired by the Engineer in charge.	449.88	SQM	186.21	83,772.15
68	Providing 16mm. thick cement plaster in First Floor at all height with cement mortar of mix (1:6) finished smooth to outside smooth surface of brick masonry walls after racking out the joints including watering and curing, rounding of corners etc. complete with cost, coveyance, loading and unloading, royalties and taxes of all materials and cost of all labours, sundries, T&P and scaffolding required for the work etc. complete in all respect as desired by the Engineer in charge.	162.53	SQM	193.22	31,403.08
69	Providing 16mm. thick cement plaster in Second Floor at all height with cement mortar of mix (1:6) finished smooth to outside smooth surface of brick masonry walls after racking out the joints including watering and curing, rounding of corners etc. complete with cost, coveyance, loading and unloading, royalties and taxes of all materials and cost of all labours, sundries, T&P and scaffolding required for the work etc. complete in all respect as desired by the Engineer in charge.	63.79	SQM	200.58	12,795.00
70	Providing 12mm. thick cement plaster in Ground Floor at all height with cement mortar of mix (1:6) finished smooth to inside smooth surface of brick masonry walls after racking out the joints including watering and curing, rounding of corners etc. complete with cost, coveyance, loading and unloading, royalties and taxes of all materials and cost of all labours, sundries, T&P and scaffolding required for the work etc. complete in all respect as desired by the Engineer in charge.	980.02	SQM	134.64	1,31,949.89
71	Providing 12mm. thick cement plaster in First Floor at all height with cement mortar of mix (1:6) finished smooth to inside smooth surface of brick masonry walls after racking out the joints including watering and curing, rounding of corners etc. complete with cost, coveyance, loading and unloading, royalties and taxes of all materials and cost of all labours, sundries, T&P and scaffolding required for the work etc. complete in all respect as desired by the Engineer in charge.	204.50	SQM	137.47	28,112.62

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
72	Providing 12mm. thick cement plaster in Second Floor at all height with cement mortar of mix (1:6) finished smooth to inside smooth surface of brick masonry walls after racking out the joints including watering and curing, rounding of corners etc. complete with cost, conveyance, loading and unloading, royalties and taxes of all materials and cost of all labours, sundries, T&P and scaffolding required for the work etc. complete in all respect as desired by the Engineer in charge.	62.27	SQM	140.39	8,742.09
73	Providing 6mm thick plaster in C.M. (1:4) over Ground Floor ceiling, chajja, loft, staircase, column, beams and walls after removing the false if necessary and close deep chipping including rounding of the corners, recess and roughening concrete surface where necessary, watering and curing, finished smooth over R.C.C. surface, including cost, conveyance, royalty, taxes of all materials, cost of all labour, T&P etc. complete as per direction of the Engineer-in-charge.	498.25	SQM	151.75	75,609.44
74	Providing 6mm thick plaster in C.M. (1:4) over First Floor ceiling, chajja, loft, staircase, column, beams and walls after removing the false if necessary and close deep chipping including rounding of the corners, recess and roughening concrete surface where necessary, watering and curing, finished smooth over R.C.C. surface, including cost, conveyance, royalty, taxes of all materials, cost of all labour, T&P etc. complete as per direction of the Engineer-in-charge.	58.63	SQM	155.06	9,091.17
75	Providing 12mm. thick cement plaster with cement mortar of mix (1:4) in all floors with Portland slag cement (PSC) and with screened and washed sharp sand for mortar with neat cement punning finished smooth to brick/RCC walls after racking out the joints including watering and curing complete with cost, conveyance, loading and unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P, scaffolding required for the work etc. complete in all respect as per the direction of Engineer-in-Charge.	50.00	SQM	153.60	7,680.00
76	Finishing inside wall surface of Ground Floor with powder wall putty of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T & P etc complete as per direction of Engineer-in-charge.	816.71	SQM	71.75	58,598.94
77	Finishing inside wall surface First Floor with powder wall putty of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T & P etc complete as per direction of Engineer-in-charge.	243.31	SQM	72.90	17,737.30
78	Finishing inside wall surface of Second Floor with powder wall putty of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T & P etc complete as per direction of Engineer-in-charge.	64.10	SQM	74.08	4,748.53
79	Finishing outside wall surface of Ground Floor with powder wall putty of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T & P etc complete as per direction of Engineer-in-charge.	418.44	SQM	71.75	30,023.07
80	Finishing outside wall surface of First Floor with powder wall putty of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T & P etc complete as per direction of Engineer-in-charge.	186.17	SQM	73.66	13,713.28
81	Finishing outside wall surface of Second Floor with powder wall putty of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T & P etc complete as per direction of Engineer-in-charge.	63.79	SQM	75.66	4,826.35

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
82	Providing and painting internal surface of Ground Floor two coats with plastic emulsion paint over a coat of water based primer of approved quality and approved shade in all floors at all height by making the surface of wall smooth including cost, conveyance, loading and unloading and taxes of all materials, cost of all labour, sundries, T&P, scaffolding etc. required for the work and complete in all respect as directed by the Engineer in charge.	816.71	SQM	138.21	1,12,877.49
83	Providing and painting internal surface of First Floor two coats with plastic emulsion paint over a coat of water based primer of approved quality and approved shade in all floors at all height by making the surface of wall smooth including cost, conveyance, loading and unloading and taxes of all materials, cost of all labour, sundries, T&P, scaffolding etc. required for the work and complete in all respect as directed by the Engineer in charge.	243.31	SQM	140.82	34,262.91
84	Providing and painting internal surface of Second Floor two coats with plastic emulsion paint over a coat of water based primer of approved quality and approved shade in all floors at all height by making the surface of wall smooth including cost, conveyance, loading and unloading and taxes of all materials, cost of all labour, sundries, T&P, scaffolding etc. required for the work and complete in all respect as directed by the Engineer in charge.	64.10	SQM	143.51	9,198.99
85	Painting to external surface of Ground Floor building with two coats of weather coat over a coat of water based primer of approved shade and quality of approved design, after cleaning by watering & removing the dirts etc. to the surface to be painted including watering, curing, cost, conveyance and taxes of all materials, cost of all labour, brushes, T&P etc. and necessary scaffolding work complete as directed by the Engineer-in-charge.	677.19	SQM	131.01	88,718.66
86	Painting to external surface of First Floor building with two coats of weather coat over a coat of water based primer of approved shade and quality of approved design, after cleaning by watering & removing the dirts etc. to the surface to be painted including watering, curing, cost, conveyance and taxes of all materials, cost of all labour, brushes, T&P etc. and necessary scaffolding work complete as directed by the Engineer-in-charge.	186.17	SQM	135.36	25,199.97
87	Painting to external surface of second Floor building with two coats of weather coat over a coat of water based primer of approved shade and quality of approved design, after cleaning by watering & removing the dirts etc. to the surface to be painted including watering, curing, cost, conveyance and taxes of all materials, cost of all labour, brushes, T&P etc. and necessary scaffolding work complete as directed by the Engineer-in-charge.	63.79	SQM	139.94	8,926.77
88	Providing and painting two coats with synthetic enamel paint over a coat of zinc oxide primer of approved quality and approved shade confirming to ISI on steel work on Ground Floor to give an even shade in all floors at all height including sand papering and making the surface smooth with cost, conveyance, loading and unloading, and taxes of all materials, cost of all labour, sundries, T&P, scaffolding etc. required for the work and complete in all respect as directed by Engineer-in-charge.	269.19	SQM	193.11	51,983.28
89	Providing and painting two coats with synthetic enamel paint over a coat of zinc oxide primer of approved quality and approved shade confirming to ISI on steel work of First Floor to give an even shade in all floors at all height including sand papering and making the surface smooth with cost, conveyance, loading and unloading, and taxes of all materials, cost of all labour, sundries, T&P, scaffolding etc. required for the work and complete in all respect as directed by Engineer-in-charge.	10.94	SQM	197.36	2,159.12

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
90	Providing and painting two coats with synthetic enamel paint over a coat of zinc oxide primer of approved quality and approved shade confirming to ISI on steel work of Second Floor to give an even shade in all floors at all height including sand papering and making the surface smooth with cost, conveyance, loading and unloading, and taxes of all materials, cost of all labour, sundries, T&P, scaffolding etc. required for the work and complete in all respect as directed by Engineer-in-charge.	2.03	SQM	201.74	409.53
91	Supplying, Fitting and fixing of stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mmx32mmx2mm @ 0.90mtr C/C and stainless square pipe bracing of size 32mmx32mmx2mm in 3 rows in stair case as per approved design and specification buffing polishing etc with cost conveyance taxes of all materials labour T&P etc required for the complete in all respect.	69.10	Rmt	3497.01	2,41,643.30
92	Providing and injecting chemical emulsion for pre - constructional antitermite treatment as per IS specification and creating a chemical barrier in bottom and sides of foundation trenches, top-surface of plinth filing junction of walls and floors along with external perimeter of the building expansion joints surrounding the pipes and cables etc. complete using approved quality of chemical emulsion of requisite quantity prescribed by the manufacturer as directed by the Engineer-in-charge including cost of all materials and labour taxes etc. complete. (Measurement should be taken as per plinth area and indemnity bond for warranty for 10 years to be furnished)			100.00	
93	Supplying all labour, T&P for the Carriage of excavated earth by mechanical means of transport within 5.00 K.M. lead including hire and running charges of vehicles, labour charges for loading and unloading as required for the work etc. complete as per the direction of the Engineer-in-charge.	510.18	SQM	(LS)	51,018.00
94	Providing and laying at or near ground level factory made kerb stone of M-30 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	1486.51	CUM	151.20	2,24,760.31
95	Loosening of the ground upto a level of 500mm below subgrade level, watered, graded and compacted in layers to meet requirement for subgrade construction including cost, conveyance, loading and unloading, and taxes of all material, labour, machinery etc. required for the work and Complete in all respect by Engineer-in-charge.	515.92	MTR	423.70	2,18,595.30
96	Construction of granular sub-base by providing Close graded Granular subbase Grading-III material as per table 400-1, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density complete as per Clause 401 of MoSRT&H Specifications for Road & Bridge works (4th Revision) etc complete as per direction of Engineer-in-charge.	866.74	CUM	30.40	26,348.90
97	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tipper to site, laying in uniform layers with paver in subbase/base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per Clause 406 of MoSRT&H Specifications for Road & Bridge works	299.97	CUM	1601.20	4,80,311.96
		265.93	CUM	2378.60	6,32,541.10

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
98	Supplying and laying of M30 grade heavy duty factory made hydraulically pressed and mechanically compacted free cast interlocking pavers of 80mm thick, coral shaped preparation of sub base with 50mm sand and leveling, laying of interlocking paver block with sand binding and final compaction with plate vibrator finishing the surface including cutting of blocks at the edges with all labour and materials etc complete as per direction of Engineer-in-charge.	2344.00	SQM	767.40	17,98,785.60
99	Dismantling brick or stone masonry in lime or cement mortar under 3m height including stacking the useful materials for reuse and removing the debris within 50m leadwith T&P for shoring, shuttering, dewatering if required etc. complete as per the drawing, design including cost of all labour, T&P etc. as required for the work complete as directed by the Engineer-in-charge.	200.47	CUM	1084.96	2,17,501.11
100	Dismantling and removing RCC Columns, beams, slabs, staircases, lintels including stacking the useful materials for reuse and removing the debris within 50m leadwith T&P for shoring, shuttering, dewatering if required etc. complete as per the drawing, design including cost of all labour, T&P etc. as required for the work complete as directed by the Engineer-in-charge.	59.38	CUM	1153.37	68,487.08
101	Dismantling and removing G.C.I or A.C. sheet after carefully removing the bolts and nuts including stacking the useful materials for reuse and removing the debris within 50m leadwith T&P for shoring, shuttering, dewatering if required etc. complete as per the drawing, design including cost of all labour, T&P etc. as required for the work complete as directed by the Engineer-in-charge.	70.25	SQM	72.66	5,104.10
102	Supplying all materials, labour and T&P for fitting and fixing white glazed vitreous china porcelain Orissa pattern water closet of size 580 x 440mm of hindware make having cat no 20076 or equivalent type of approved make confirming to IS-2556 and top inlet for sinking into floor with 100mm PVC 'P' trap etc. including supply of necessary cement concrete for fitting the closet etc. complete in all respect in all floors including cost, conveyance and taxes of all materials etc. complete and as per PH specification and direction of Engineer-in-charge.	3.00	NOS.	4549.70	13,649.10
103	Supplying all materials, labours, T&P for fitting and fixing white glazed vitreous china floor mounted coupled European water closet of Hindware make having cat no 20065 with cistern 21054 or equivalent type of approved make including supply of matching P/S trap to the floor with wooden plug and chromium plated screws including jointing the trap with soil pipe in cement mortar (1:1) etc all complete including cost of WC pan, PVC seat cover with CP brass hinges, 15mm dia connection pipe ALD 803 AB and rubber buffers etc all complete including cost, taxes and conveyance as per specification including polishing etc all complete as per PH specification and direction of Engineer-in-charge.	9.00	NOS.	7999.54	71,995.86
104	Supply all materials, labour, T&P for fitting and fixing of dual flush PVC cistern of hindware sleek essence make or equivalent type of approved make complete with all parts and internal fittings of approved make with ISI mark and supplying of necessary brackets, screws etc 32mm dia flush bend, 15mm dia 450mm long PVC water connecting pipe of jaquar make having cat no ALD 803AB with CP or brass union nuts at each end as per PH specification all complete as per direction of Engineer-in-charge.	3.00	NOS.	1807.70	5,423.10

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
105	Supplying all material, labour T&P and fixtures for providing and fixing of white glazed vitreous chinaware counter top wash hand basin of size 40x40x24cm dia of Hindware make having cat no 91085 or equivalent type of approved make with bottle trap of Jaquar cat no ALD 769L250x190 with CP waste coupling nut of Jaquar make having cat no ALD 709 and 15mm x 450mm PVC connection pipe of Jaquar make having cat no ALD 803AB with MS bracket with wooden plugs CP screws including cost of cement, sand, labour, T&P etc. complete including testing cost, conveyance, royalty and taxes of all materials etc. complete as per PH specification and direction of Engineer-in-charge.	9.00	NOS.	6656.20	59,905.80
106	Supplying and fixing urinal of hindware make having cat no 96008 or equivalent type of approved make with division plate of hindware make having cat no 61001 or equivalent including all fittings like 450mm long connection pipe of Jaquar make having cat no ALD 803B, waste pipe etc of approved make etc complete as per PH specification and direction of the Engineer-in-charge.	5.00	NOS.	10576.70	52,883.50
107	Supplying all materials, labour, T&P and fixing standard sized Bib cock of Jaquar continental Cat. No.-FLR-5037N or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	5.00	NOS.	1391.57	6,957.85
108	Supplying all materials, labour, T&P and fixing standard sized 15mm dia Angular Stop cock of Jaquar Cat. No.-FLR 5053N or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	21.00	NOS.	1020.70	21,434.70
109	Supplying all materials, labour, T&P and fixing standard sized CP Soap case of Jaquar Cat. No.-ACN-1131N or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	21.00	NOS.	679.06	14,260.26
110	Supplying all materials, labour, T&P and fixing standard sized CP towel ring square of Jaquar Cat. No.-ACN-1121N or equivalent etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	9.00	NOS.	1092.10	9,828.90
111	Supplying all materials, labour, T&P and fixing standard sized CP towel rail - 24" of Jaquar Cat. No.-ACN-1111SM or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	12.00	NOS.	1234.20	14,810.40
112	Supplying all materials, labor T&P for fitting and fixing in all floors' fixed type glass mirror of size 600mm x 450mm best INDIAN make of 4 mm thickness with supply of 13mm thick asbestos backing and wooden plugs C. P. Brass screw including cost, conveyance, royalty, taxes of all materials complete as per P.H. specification and direction of Engineer-in-charge.	9.00	NOS.	708.80	6,379.20
113	Supplying all materials, labour, T&P and fixing standard sized 15mm dia pillar cock of Jaquar Cat. No.-FLR 5015 or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	9.00	NOS.	1725.20	15,526.80
114	Supplying all materials, labour, T&P and fixing two way Bib cock of Jaquar Cat. No.-FLR 5041N or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	9.00	NOS.	1798.10	16,182.90

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
115	Supplying all materials, labour, T&P and fixing health faucet of Jaquar Cat. No.-ALD 573 or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	9.00	NOS.	1350.92	12,158.28
116	Providing and fixing C.P. Glass shelf 600mm long of Jaquar Cat. No.-ACN-1171N or equivalent type of approved make fixed to wall including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	3.00	NOS.	1281.30	3,843.90
117	Supplying all materials, labour, T&P and fixing standard sized CP toilet paper holder of Jaquar cat. No.-ACN1153S or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	9.00	NOS.	1152.40	10,371.60
118	Supplying all materials, labour, T&P and fixing standard sized CP robe hook of Jaquar Cat. No.-ACN 1191N or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	12.00	NOS.	414.82	4,977.84
119	Supplying all materials, labour, T&P and fixing grab bar of Jaquar Cat. No.-ACN 1101S or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	2.00	NOS.	1356.20	2,712.40
120	Supplying all materials, labour, T&P and fixing standard sized urinal valve of Jaquar Cat. No.-PRS 077 or equivalent type of approved make etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	5.00	NOS.	2390.30	11,951.50
121	Supplying all materials, labour, T&P and fixing of 150x150mm CP overhead shower of Jaquar Cat. No.-OHS 35495 with arm SHA 49483 or equivalent etc complete including cutting the wall and making good the damages, including cost of all materials complete as per PH specification and direction of Engineer-in-charge.	1.00	NOS.	4154.01	4,154.01
122	Providing and fixing circular type stainless steel grating with hole for floor /nahani trap etc complete as per PH specification and direction of the Engineer in charge	26.00	NOS.	118.40	3,078.40
123	Supplying all materials, labours, T&P and fitting and fixing of the following size of CPVC pipe confirming to IS 15778 certification mark with socket and screw joints in walls and floors including supplying of required number of fittings of approved make including cutting threads to pipes and pipes to length, including wastage,etc for fitting to the walls with supply of holder ats, clamps, fixing wooden plugs in walls, including testing of pipe line for water tightness complete as per IS specification including cost, conveyance and taxes of all materials all complete as per PH specification and direction of Engineer-in-charge. (Concealed)				
	15 mm dia	17.00	RM	172.83	2,938.11
	20 mm dia	106.90	RM	249.97	26,721.79
	25 mm dia	10.00	RM	303.62	3,036.20
	32 mm dia	15.00	RM	438.10	6,571.50

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
124	Supplying all materials, labours, T&P and fitting and fixing of the following size of CPVC pipe confirming to IS 15778 certification mark with socket and screw joints in walls and floors including supplying of required number of fittings of approved make including cutting threads to pipes and pipes to length, including wastage,etc for fitting to the walls with supply of holder ats, clamps, fixing wooden plugs in walls, including testing of pipe line for water tightness complete as per IS specification including cost, conveyance and taxes of all materials all complete as per PH specification and direction of Engineer-in-charge.(Non Concealed)				
	40mm dia	25.00	RM	540.10	13,502.50
	50mm dia	45.00	RM	854.80	38,466.00
125	Supplying all materials, labour, T&P, fitting and fixing UPVC SWR pipes & fittings of approved make confirming to IS-13592, both below and above ground level / floor and on walls including supply of bobbins, nains, screws, wooden cleats, pipe clips as per requirement, including earth work in excavation and fitting, including cutting walls and floor and making good the damages with cement concrete (1:2:4) with hard granite chips, including scaffolding wherever necessary all complete as per the PH specification and direction of the Engineer-in-charge.				
	75mm dia	25.00	RM	275.50	6,887.50
	110mm dia	75.00	RM	358.70	26,902.50
126	Supplying all materials, labour, T&P, fitting and fixing of UPVC SWR fittings of approved make with requisite testing etc complete as per PH specification and direction of Engineer-in-charge.				
	110mm dia Single Junction with door	6.00	NOS.	334.70	2,008.20
	110mm dia Double Junction with door	5.00	NOS.	401.40	2,007.00
	110mm dia Cowl	7.00	NOS.	51.50	360.50
	110mm dia Plain Bend	24.00	NOS.	146.60	3,518.40
	110mm dia SWR Door Bend	12.00	NOS.	172.80	2,073.60
	125mm x 110mm Gully Trap	7.00	NOS.	685.50	4,798.50
	110mm dia Tee with door	12.00	NOS.	360.90	4,330.80
	110mm dia Single Junction without door	12.00	NOS.	259.70	3,116.40
	110mm dia Socket plug	14.00	NOS.	69.90	978.60
	110mm dia Pipe clip	28.00	NOS.	75.50	2,114.00
	110mm dia Coupler	12.00	NOS.	96.00	1,152.00
	75mm dia Plain Bend	14.00	NOS.	88.40	1,237.60
127	Supplying all materials, labour, T&P, fitting & fixing of different size brass / GM Full way Valve of approved make including supply of all necessary jointing materials such as red lead paint, yarns etc. including cost, conveyance & taxes of all materials, T&P etc. all complete as per P.H. specification and direction of the Engineer-in-charge.				
	25mm Dia	6.00	NOS.	1058.31	6,349.86
	32mm Dia	4.00	NOS.	1549.02	6,196.08
	40mm Dia	3.00	NOS.	1970.42	5,911.26
	50mm Dia	3.00	NOS.	2924.01	8,772.03
128	Supplying all materials, labour, T&P and fitting and fixing of CI NRV valve of 50mm Dia confirming to the relevant IS specification and dimension including fixing it in position along the pipeline with supply of all required materials such as rubber insertion, nuts & bolts including cost of all materials, taxes, and duties, transportation charges from store to site etc all complete as per the direction of Engineer-in-charge.				
		4.00	NOS.	1665.00	6,660.00
129	Supplying all materials, labour, T&P and fitting and fixing of double air valve of 50mm Dia confirming to the relevant IS specification and dimension including fixing it in position along the pipeline with supply of all required materials such as rubber insertion, nuts & bolts including cost of all materials, taxes, and duties, transportation charges from store to site etc all complete as per the direction of Engineer-in-charge.				
		4.00	NOS.	4111.90	16,447.60

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
130	Supplying all materials,labours,T&P for cutting holes through existing brickwork including making good the damages in cement mortar (1:4) for taking GI pipes and fittings/PVC pipes and fittings etc all complete as per PH specification and direction of Engineer-in-charge.	10.00	NOS.	45.00	450.00
131	Supplying all materials,labours,T&P for cutting holes through existing RCC floors & roofs including making good the damages for taking GI pipes and fittings/PVC pipes and fittings etc all complete as per PH specification and direction of Engineer-in-charge.	4.00	NOS.	183.50	734.00
132	Supplying all materials,labours,T&P for cutting grooves in pucca floors and walls for taking GI/PVC pipes and making good the damages as per direction of Engineer-in-charge.	87.00	MTR	166.30	14,468.10
133	Supplying all materials,labours,T&P for cutting holes through existing brickwork including making good the damages in cement mortar (1:4) for taking SWR/HCI pipes and fittings/PVC pipes and fittings etc all complete as per PH specification and direction of Engineer-in-charge.	12.00	NOS.	208.20	2,498.40
134	Supplying all materials, labour, T&P for construction of brick masonry Gully trap chamber of size 250mm x 250 mm with CI gully trap, by flyash brick masonry in CM (1:4), CP (1:3) with 150mm x 150mm CI grating including labour and materials for fitting and fixing 100mm dia square mouth CI gully trap with supply of all jointing materials and encasing the gully trap with a block of CC (1:3:6) with 20mm & 10mm size hard stone metal all complete with providing and fixing of 250mm x 250mm precast RCC cover slab including cost, conveyance, taxes of all materials to site complete as per the PH specification and direction of Engineer-in-charge.	7.00	NOS.	1464.10	10,248.70
135	Supplying all materials,labours,T&P for constructing inspection chamber of 900mmx800mmx450mm with cement concrete (1:3:6) on bed with hard granite metal size 40mm and flyash brickwork in cement mortar (1:4) in foundation and plinth, 100mm thick RCC M25 cover slab with supplying fitting and fixing of medium duty SFRC manhole cover, moulding and shaping the channel and benching with cement concrete (1:2:4) using 12mm size hg chips,12mm thick cement plaster in cement mortar (1:3) with punning to inside, cement plaster in CM (1:3) to outside the chamber including centring, shuttering, providing required quantity of MS rods and binding wires for reinforcement, bending, binding, tying the grills and placing in the proper position and drawing and design and PH specification including cost, conveyance, royalty, taxes etc for all materials as per the drawing, design and direction of Engineer-in-charge.	6.00	NOS.	10983.30	65,899.80
136	Extra for every additional depth of 0.10mtr or part there of manhole size 900x800x450mm from 450mm to 900mm depth (data for 0.10 mtr per each)	3.00	NOS.	633.00	1,899.00
137	Construction of circular brick masonry manhole chamber of size 0.90 x 0.90 mtr including cement concrete (1:3:6) in bed by using 40mm size granite metal, brickwork in CM (1:4) in foundation & plinth, cement plastering (1:3) over flyash brick, plastering in CM (1:3) with neat cement punning, CC (1:2:4) over bed for benching and channeling, RCC M25 for roof slab of 150mm thick and supply fitting and fixing SFRC medium duty type cover including cost of centring and shuttering cost of MS rod for RCC work, supplying fitting and fixing of the polypropylene step iron of required interval etc all complete with all cost, conveyance, royalties taxes etc all complete as per direction of Engineer-in-charge.	4.00	NOS.	15000.20	60,000.80
138	Extra for every additional depth of 0.10mtr or part there of manhole size 900x900mm from 1100mm to 1650mm depth (data for 0.10 mtr per each)	2.00	NOS.	533.10	1,066.20

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
139	Providing all materials, labour, T&P and laying of Centrifugally cast (spun) RCC non pressure pipes of class NP ₂ with socket & spigot ends confirming to IS-458 with ISI mark in standard lengths suitable for push on joints including lowering the pipes in to trenches to required depth below G.L, with proper alignment & gradient, testing, commissioning, de-watering (if required) including Fitting & fixing rubber gasket as per IS-5382/1985 with ISI mark etc. all complete (excluding GST) as per specification & direction of EIC. (Excluding cost for earth work, back filling which will be paid separately).				
	150mm Dia	40.00	MTR	626.80	25,072.00
140	Providing and laying in trench cement concrete (1:3:6) with 40mm size hard granite metal (where required) in the following type of bedding for pvc pipes of the following internal diameter including curing complete as per specification (A1-Type Bedding)				
	150mm Dia	40.00	MTR	361.90	14,476.00
141	Providing fitting and fixing 20mm OMS step iron .as per the Engineer-in-charge	16.00	NOS.	254.90	4,078.40
142	Supplying and fixing 900mm dia SFRC cover without frame for manhole including cost of all materials, T&P, labour etc complete as per direction of Engineer-in-charge.	2.00	NOS.	2555.30	5,110.60
143	Providing fitting and fixing 100mm (4") dia HCl vent pipe of 1.0mt length with cowl.as per the Engineer-in-charge	1.00	NOS.	5226.80	5,226.80
144	Supplying all materials, labour, T&P and fittings and fixing of Poly Propylene white double layer water storage Tank of approved make confirming to IS 12701-1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jam nuts, fixing ball valve etc including hoisting upto terrace level and placing the tank to the required position etc all complete as per PH specification and direction of Engineer-in-charge. (To provided with brick masonry guard walls which will be paid separately)	1.00	NOS.	25001.10	25,001.10
145	Supplying all materials,labours,T&P and constructing 1.22m dia and 2.1m depth soakway pit with precast RCC rings joined loose,gravel backing in the rear of well steining,precast RCC cover slab in cement concrete (1:2:4) using 12mm size hg chips fitted with iron lifting handles including cutting hole in the rings for inlet pipe,earthwork in open well excavation in all kinds of soil and refilling of cavity around the pit & painting the iron works, watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of Engineer-in-charge.	1.00	NOS.	15517.10	15,517.10
146	Providing all materials, labour, T&P for laying of following dia UPVC pipes as per IS-4985 with ISI mark including fixing of required size UPVC fittings like bend,Tee,elbow,offsets etc. And the same fixed on wall or floor with holder bat clamp screws etc. including testing the joints with required water pressure. The cost inclusive of all taxes,duties,transportation scaffolding etc. as per specification and direction of Engineer-in-charge. Make :SUPREME/ASTRAL/ORIPLAST a) 25mm Dia b) 32mm Dia c) 40mm Dia	39.60 60.00 90.00	MTR MTR MTR	302.66 407.15 480.70	11,985.34 24,429.00 43,263.00
	Providing all materials, labour, T&P for fitting and fixing of following water supply fittings conforming to IS-15778 with ISI mark as per ASTM D-2846 with jointing materials etc. including testing the joints with required water pressure. The cost inclusive of all taxes,duties,transportation scaffolding etc. as per specification and direction of Engineer-in-charge. Make :SUPREME/ASTRAL/ORIPLAST a) 25mm Dia UPVC ball valve b) 32mm Dia UPVC ball valve c) 40mm Dia UPVC ball valve	2.00 2.00 2.00	NOS. NOS. NOS.	417.20 742.28 979.90	834.40 1,484.56 1,959.80

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
148	Providing all materials labour, T&P for making grooves in bricks/stone masonry walls vertically or horizontally upto required depth and width for laying of pipes and fittings upto 50mm dia, testing the joints with required water pressure and making good the damages with cement concrete 1:2:4 with 12mm h.g.c.b chips and finished smooth with cement mortar (1:4) to original shape including cost of materials, curing, conveyance,taxes of all materials etc. all complete as per specification & direction of EIC.	18.00	MTR	172.51	3,105.18
149	Providing all materials labour, T&P for cutting holes in bricks/stone masonry walls for taking pipes and making good the damages with cement concrete 1:2:4 and finished smooth with cement mortar (1:4) to original shape including cost of materials, curing, conveyance,duties, taxes of all materials etc. all complete as per specification & direction of EIC.				
150	a) For 75mm to 150mm dia pipe to pass in 250mm thick wall Supplying all materials,labour and T&P for fitting and fixing white glazed vitreous china wash down water closet (European type W.C Pan) with integral "P" or "S" trap to the floor with wooden plug and chromium plated pedestal screws including joining the trap with soil pipe in cement mortar 1:1 including supply of necessary cement concrete for fitting the closet etc. complete in all respect including cost, conveyance of all material etc. complete excluding GST and as per PH specification and direction of Engineer-in-chief. Make: HINDWARE/CERA/PARRYWARE	12.00	NOS.	47.38	568.56
151	a) European water closet (EWC) Supplying all materials, labour and T&P for fitting and fixing Plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers all complete in all respect including cost, conveyance of all materials excluding GST and as per PH specification and direction of Engineer-in-charge.	4.00	NOS.	2376.79	9,507.16
152	Providing all materials, labour and T&P for fitting and fixing of 10 liter capacity PVC low level cistern complete with all internal fittings of approved make as per IS-7231 with ISI mark and providing of necessary PVC wall plug, screws and 15mm dia PVC water connecting pipe with union at each end etc. as per specification all complete as per direction of Engineer-in-charge. Make: HINDWARE/CERA/PARRYWARE	4.00	NOS.	612.75	2,451.00
	a) 10 ltr Capacity PVC low level cistern	4.00	NOS.	1496.64	5,986.56
153	Supplying all materials, labour and T&P for fitting and fixing white glazed vitreous china wash basin of following approved make confirming to IS-2556 and top inlet for sinking into floor including supply of necessary cement concrete for fitting the closet etc. all complete in all respect including cost, conveyance of all materials etc. complete and as per PH specification and direction of Engineer-in-charge. Make: HINDWARE/CERA/PARRYWARE				
	a) Wash hand Basin (550mm×400mm)	4.00	Set	2199.30	8,797.20
	b) Pedestal	4.00	Set	2045.29	8,181.16
154	Supplying all materials, labour and T&P for fitting and fixing white glazed vitreous china bowl pattern urinal basin of following approved make confirming to IS-2556 with ISI mark along with supply & fixing of necessary components parts like pair of C.I/M.S. bracket including connection from supply pipe & 32mm PVC waste pipe with all taxes, duties, transportation etc. complete and as per PH specification and direction of Engineer-in-charge. Make: HINDWARE/CERA/PARRYWARE				
	a) Bowl Pattern urinal	4.00	Set	1866.64	7,466.56

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
155	Providing all materials, labour and T&P for fixing of following sizes of bevelled edge mirror of 5mm thick mounted on 6mm thick ac sheet & Cp cup Screw with PVC wall plugs including cost, conveyance, taxes of all materials complete as per specification and direction of E.I.C.				
	a) 600mm×450mm size	4.00	NOS.	731.41	2,925.64
156	Providing all materials, labour and T&P for fitting and fixing of standard sized glass shelf with chromium plated brass brackets and guard rails complete fixed to wooden plugs with chromium plated brass screws etc. including cost, conveyance, taxes of all materials complete as per specification and direction of E.I.C.				
	a) 600mm×120mm glass shelf	4.00	NOS.	616.59	2,466.36
157	Providing all materials, labour and T&P for fitting and fixing of following standard sized CP towel rail complete with CP brass brackets fixed to wooden plug with CP screws etc. including cost, conveyance of all materials complete excluding GST as per specification and direction of E.I.C.				
	a) 20mm dia pipe 600mm Length	4.00	NOS.	836.47	3,345.88
158	Providing all materials, labour and T&P for fitting and fixing of CP Soap Stand complete with CP brass brackets fixed to wooden plug with CP screws etc. including cost, conveyance of all materials complete excluding GST as per specification and direction of E.I.C.				
	a) CP Soap Stand	4.00	NOS.	554.07	2,216.28
159	Providing all materials, labour, T&P and fittings and fixing of different water supply (CP on Brass) Quarter Turn fng as per IS specification & approved make of following sizes and specification with leak proof threaded joints with PVC thread seal tape and white zinc or any other method as required and directed including all taxes, duties, transportation etc. testing and rectification of defects after testing complete as per direction of Enginner-in-chief. Make: Jaquar/ Equivalent				
	a) 15mm dia CP Swan neck Pillar Cock	4.00	NOS.	1120.43	4,481.72
	b) 15mm Angle Stop cock with wall flange	4.00	NOS.	717.43	2,869.72
	c) 15mm pillar cock with wall flange	4.00	NOS.	709.95	2,839.80
	d) Health Faucet with 1.00m long PVC tube & Wall hook	4.00	NOS.	640.03	2,560.12
	e) 15mm C.P Spreader (viking)	4.00	NOS.	680.38	2,721.52
	f) 15mm×65mm C.P. Extension piece	18.00	NOS.	131.06	2,359.08
	g) 125mm dia stainless steel doom grating	4.00	NOS.	110.00	440.00
	h) 15mm dia CP Short body Bib Cock	12.00	NOS.	700.89	8,410.68
	i) 15mm dia two way CP Bib Cock	4.00	NOS.	1001.84	4,007.36
160	Supplying all materials, labour, T&P, fitting and fixing UPVC SWR pipes (Type-A) of approved make confirming to IS-13592/1992, both below and above ground level or fixing on wall surface in all floors, including all taxes, duties, transportation & scaffolding etc. all complete as per specification & direction of Engineer-in-charge. Make: ASTRAL/SUPREME/ORIPLAST				
	a) 110mm dia	18.00	MTR	319.89	5,758.02
	b) 75mm dia	30.60	MTR	181.22	5,545.33
161	Supplying all materials, labour, T&P, fitting and fixing UPVC SWR fittings of approved make confirming to IS-14735 with all taxes, duties, transportation & requisite testing as per specification & direction of Engineer-in-charge. Make: ASTRAL/SUPREME/ORIPLAST				
	a) 110mm dia PVC door Tee	8.00	NOS.	286.51	2,292.08
	b) 110mm dia PVC plain Tee	8.00	NOS.	150.71	1,205.68
	c) 110mm dia PVC plain bend	8.00	NOS.	107.33	858.64
	d) 110mm dia PVC door bend	8.00	NOS.	136.05	1,088.40
	e) 110mm dia PVC Multi connection Floor Trap	8.00	NOS.	366.83	2,934.64
	f) 110mm dia PVC 'P' Trap	4.00	NOS.	229.69	918.76
	g) 110mm dia PVC Vent Cowel	4.00	NOS.	26.40	105.60
	h) 75mm dia PVC Plain bend	8.00	NOS.	52.28	418.24
	i) 110mm dia PVC SWR Jalli	4.00	NOS.	11.44	45.76
	j) 110mm EWC Connector	4.00	NOS.	136.05	544.20

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
162	Providing, fitting, fixing including testing & commissioning of following capacity polyethylene moulded water storage cylindrical tank with lid & locking arrangement as per IS-12701/1996 with ISI mark including cutting holes of CPVC water tank connector/Adaptor with jam nut etc. for filling, delivery, overflow & wash out arrangements, including hoisting upto a height of 5 mtr above the ground level & placing the tank of required position including construction of brick masonry pedestal upto 450mm ht. from roof with RCC (M-20) base slab, beam of approved design & 125mm thick brick masonry wall upto 2/3 ht. of tank (all round) in C.M 1:4, 12mm C.P 1:4 over brickwork etc. all complete as per specification & direction of EIC.				
	a) 2000 Ltr Capacity	1.00	NOS.	20747.41	20,747.41
163	Providing & laying in trenches unplasticized UPVC SWR (Type-A) pipes and specials of approved make confirming to IS:13592/1992 of the following outer dia pipe including jointing & testing as per standard specification earthwork excavation of trenches in all kind of soil/rock of required depth & width with including back filling the trenches etc. all complete as per direction of EIC. Make: ASTRAL/SUPREME/ORIPLAST				
	a) 110mm dia	63.00	MTR	319.89	20,153.07
164	Providing & laying cement concrete 1:4:8 with 4cm size h.g.c.b metal of C-1 standard bedding including encasing of UPVC SWR pipes, bed Concreting & curing etc. The cost inclusive of all material, labour, T&P, taxes, transportation & royalty etc. all complete as per specification & direction of EIC.				
	a) 110mm dia	36.00	MTR	675.69	24,324.84
165	Providing & Constructing inspection chamber of following inside sizes including earthwork in excavation, back filling, Brick masonry wall approved design in cement mortar 1:4 in four sides to make chamber, Plain Cement Concrete 1:3:6 with 40mm size metal 15cm & PCC (1:2:4) 15cm depth in bottom of chamber with 12mm down graded Crusher broken hard granite chips, inside cement plaster 12mm thick in CM 1:3 & neat cement punning, cement flushing pointing to outside in 1:3, Top slab in RCC M-25 grade 125mm thick with necessary centering & Shuttering, TMT steel reinforcement @10cm c/c both way, precast RCC cover of size 450mm×450mm, making benching, channel in floor of chamber with necessary slope complete with all materials, labours, tools, plants, royalty, curing etc. in all respect as per direction of Engineer-in-charge.				
	a) Inside dimensions 750×750 mm and 600mm or more deep for pipeline with three or more inlets	4.00	NOS.	9089.77	36,359.08
166	Providing & Constructing Manhole chamber of following sizes including earthwork in excavation, back filling, RCC wall of approved design of M-25 in four sides to make chamber, Plain Cement Concrete 1:2:4 (1:2:4) 15cm depth in bottom of chamber with 20mm down graded Crusher broken hard granite chips, inside cement plaster 12mm thick in CM 1:3 & neat cement punning, cement flushing pointing to outside in 1:3, Top slab in RCC M-25 grade 125mm thick with necessary centering & Shuttering, TMT steel reinforcement @10cm c/c both way, SFRC manhole cover of size 600mm×600mm, with frame, making channel in floor of chamber with necessary slope complete with all materials, labours, tools, plants, royalty, curing etc. in all respect as per direction of Engineer-in-charge. a) Inside dimensions 900×900 mm and 900mm or more deep for pipeline with three or more inlets	6.00	NOS.	13814.30	82,885.80

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
167	Providing & Constructing Septic Tank of following sizes including earthwork in excavation, back filling, RCC wall of approved design of M-25 grade in four sides to make chamber, Plain Cement Concrete (1:2:4) 10cm depth in bottom of chamber with 20mm down graded Crusher broken hard granite chips, inside cement plaster 12mm thick in CM 1:3 & neat cement punning, Top slab in RCC M-25 grade 125mm thick with necessary centering & Shuttering, TMT steel reinforcement @10cm c/c both way, SFRC manhole cover of size 600mmx600mm, with frame, making channel in floor of chamber with necessary slope complete with all materials, labours, tools, plants, royalty, curing etc. in all respect as per direction of Engineer-in-charge. a) Inside dimensions 5000x1600 mm and 14000mm with free board 1.3mtr (2 Years Cleaning)	1.00	NOS.	205074.71	2,05,074.71
168	Supplying all materials, labour, T&P and taxes for construction of brick masonry soak way pit using Fly ash brick (1:4) having crushing strength not less than 75 kg/sqcm for the remaining height (not less than 0.5m), 12mm thick cement plaster (1:4) both inside and outside of top brick work, RCC 125mm thick (avg.) cover slab in CC M-25 grade using 12mm size H.G chips, necessary reinforcement as required as per approved drawing, fitted with RCC Pre cast manhole cover of size 750mmx750mm dia including earthwork in excavation in all kinds of soil/rock, filling inside of the pit with 40mm size H.B.G metals for 150mm thick back filling the remaining portion levelling the surface around the chamber with disposal of surplus earth, if any to a distance of 50m as per the specification design and drawing including cost of curing and all taxes, royalty, cost, conveyance etc. all complete as per direction of Engineer-in-charge.				
	a) 1.50 dia x 3.00 m deep soakway pit	1.00	NOS.	53812.56	53,812.56
	WIRING:-				
169	Wiring for light point/ fan point/ exhaust fan/wall fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box including supplying the same and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.				
	Group A	53	point	552.00	29,256.00
	Group B	20	point	764.00	15,280.00
	Looping Point-(Group A wire quantity only)	8	point	387.00	3,096.00
170	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required				
	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire for 6A PP looping & external Light connection.	280	Metre	129.00	36,120.00
	2 X 2.5 sq. mm + 1 X 1.5 sq. mm earth wire for 15A PP & Switch Boards & Computer points	100	Metre	142.00	14,200.00
	2 X 4.0 sq. mm + 1 X 2.5 sq. mm earth wire Meter Board to Main Switch/AC	120	Metre	167.00	20,040.00
	4 X 4 sq. mm + 2 X 2.5 sq. mm earth wire for Solar Inverter	50	Metre	244.00	12,200.00
171	Supplying and fixing metal box of 1.63 mm thick following sizes (nominal size) on surface or in recess without cover including cutting the wall and making good the same in case of recessed conduit ,also including painting etc as required.				
	75 mm X 75 mm X 60 mm deep	37	Each	112.00	4,144.00
	100 mm X 100 mm X 60 mm deep	24	Each	122.00	2,928.00
172	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	21	Each	480.00	10,080.00

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
173	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5	Each	612.00	3,060.00
174	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 25 amps modular switch, connection etc. as required.	6	Each	492.00	2,952.00
175	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 25 amps modular Socket , connection etc. as required.	6	Each	617.00	3,702.00
176	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	10	Each	121.00	1,210.00
177	Installation, testing and commissioning of ceiling fan on down rod or wall fan on the existing ceiling /surface, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.	16	Each	125.00	2,000.00
178	Installation, testing and commissioning of wall bracket /ceiling fittings /LED down light of all sizes and shapes containing upto two GLS lamps per fitting, complete with all accessories including connection etc. as required.	65	each	80.00	5,200.00
179	Installation, Testing and Commissioning of resistance type ceiling fan regulator, in existing box including connection with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor, earthing the regulator as required.	16	each	71.00	1,136.00
180	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 250 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	12 WAY SPN DB	3	Each	2164.00	6,492.00
	16 WAY SPN DB	1	Each	3490.00	3,490.00
181	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single pole	44	Each	131.00	5,764.00
	Double Pole	4	Each	870.00	3,480.00
182	EARTHING:- Earthing with G.I earth pipe 3 meter long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc with charcoal and salt as required				
183	Supplying and laying 6 SWG G.I. wires ISI marked at 0.5 meter below grond level for conductor earth electrode including soldering etc. as required	6	Each	2463.00	14,778.00
	FITTING & FIXTURE:-				
184	Supplying of 1200 mm energy efficient ceiling fan with as per EIC of approved make including with all., materials & labour. (Make Halonix-Plasma or Equiv.-RR/Havells/CG/Usha)	15	each	1971.00	29,565.00

SL NO	DESCRIPTION	QTY	UNIT	RATE (₹)	AMOUNT (₹)
185	Supplying and fixing two module stepped type electronic fan regulator on the modular plate switch box including connections but excluding modular plate etc. as required	15	each	380.00	5,700.00
186	Supply, Testing & commissioning of Surface or wall mounting 1 x 20W LED tube light fitting including 1 no. of 20watt LED luminaires as per EIC of approved make including with all.,, materials & labour. (Make WIPRO-Model-D532065/SS make Philips /CG/ Wipro/ HYBEC)	37	Each	698.00	25,826.00
187	Supply, Installation,Testing & commissioning of Surface mounting 1 x 12W LED surface mounted circular/square down light fitting with powder coated polycarbonate housing including 12watt LED luminaires as per EIC of approved make including with all.,, materials & labour. (Make WIPRO-Model-LD80-101-XXX-60-SM /SS make of Philips /HYBEC/ Havells)	12	No.	1352.00	16,224.00
188	Supply, Testing & commissioning of wall mounting 1 x 10W LED wall mounted IP-65 bulk head / Outdoor wall light fitting including 10watt LED luminaires as per EIC of approved make including with all.,, materials & labour. (Make WIPRO-Model-LW07-141-XXX-57-XX/SS make of Philips /HYBEC/HAVELLS)	11	No.	1783.00	19,613.00
189	Supply, Installation,Testing & commissioning of Flood light with aluminium die cast housing luminaire with unique lens system for uniform illumination and toughened glass with silicon gasket for IP-66 including 150watt LED luminaires as per EIC of approved make including with all.,, materials & labour. (Make WIPRO-Model-LF20-192-060-57-G2//SS make of Jaquar-LFDISLM150XC/HALONIX /PANASONIC/HAVELLS/K-LITE/WIPRO)	3	No.	17826.00	53,478.00
190	Supply, Installation,Testing & commissioning of Angle Holder type LED luminaire of 9 Watt. (Make: WIPRO/Philips /HYBEC/ Havells)	15	No.	80.00	1,200.00
191	Supply, Installation,Testing & commissioning of 300 mm dia Exhaust fan. (Make: BAJAJ/HAVELLS/ORIENT/CROMPTON)	5	No.	1821.00	9,105.00
192	Supply, Installation,Testing & commissioning of 400 mm dia HI speed wall mounted fan. (Make: BAJAJ/HAVELLS/ORIENT/CROMPTON)	2	No.	2706.00	5,412.00
193	Supply, Installation,Testing & commissioning of 1-Ph energy Meter with 32A DP MCB with a complete Junction Box housing and arrangement for wall mounting etc . (Make: HAVELLS/L&T/CROMPTON)	3	No.	3693.00	11,079.00
TOTAL		1,61,23,928.91			
SAY		1,61,23,929.00			

Project Manager
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