

మన బడి నాడు-నేడు

Measurement Book No : 28236000802001

District Name	:	CHITTOOR
Mandal Name	:	PEDDAPANJANI
Village Name	:	NIDIGUNTA
Name of the Executing Agency	:	Panchayat Raj
Name of School	:	ZPHS NIDIGUNTA
U-Dise Code	:	28236000802
Technical Sanctioned Amount	:	5367255
Admin Sanctioned Amount	:	5367255
Total Expenditure	:	4704299

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Abstract

U-Dise Code : 28236000802
Technical Sanctioned Amount : 5367255
Admin Sanctioned Amount : 5367255
Total Expenditure : 4704299
MBook Number : 28236000802001

Work Code	Work type name	Estimated Cost	Value of work done
201920098215	Green Chalk Board	154639	154485
201920099425	Major and Minor Repairs	2049668	2136044
201920100759	Paintings to School	607700	485166
201920100802	Furniture for Students and Staff	512944	201675
201920100942	Drinking Water Supply	703099	674892
201920101001	Providing Electrification with Fans and Tube Lights	311447	249106
201920102394	Construction of Toilet with Running Water	1027758	802932
	Total	5367255	4704299

Signature of Engineering
Assistant

Signature of FE/AE/AEE

U SRINIVAS

Signature of Deputy Executive Engineer

Chereddi Naveenkumar

Signature of Executive Engineer

Kandepu Kedareswara Rao

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Work Code	: 201920098215	Name of the Work	: Green Chalk Board
Administrative Sanction No	: Proc.No: 2823020104 / MBNN / 2020-2021	Technical Sanctioned	: /21-22 No
Estimate Amount (in Rs.)	: 1,54,639/-	Work MBook Amount	: 1,54,485/- (in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	(Prince Board India) Green Chalk Boards - Supply and fixing of ceramic steel / Porcelain enamel Steel Green Chalk Boards of size 2400mmx 1200mm with vitreous enamel steel sheet thickness 0.3mm to 0.40mm with Ceramic steel (Belgium make)/ Porcelain enamel steel 0.3mm to 0.4mm (Japan make) engraving on surface (having vitreous enamelled coating both sides) 0.095mm thick top surface coating and back surface coating thickness of 0.03mm, supported with 9mm thick MDF Board (make : Greenlam / Merino / Century / Kitply / Greenply / ASIS of ISI standards and water proofing) for back support and it backing with 0.25mm thick galvanized iron sheet (make : TATA / JSW / Sail / Vizag Steel), fixed with anodized aluminium frame 20mm wide and 1.2mm thick and board shall be given additional support on all four sides with Aluminium J-Clamps (8 Nos.).Cost includes production cost for complete finished item of work, conveyance of all materials to work site, all labour charges like loading, unloading, Fixing, GST and all other taxes, charges and Rates etc., as applicable from time to time. The item shall carry a Warranty period of 7 (Seven) years from the date of Supply (Including GST)								
	Green chalk boards	15	0	0	0	15	0		0
	Total					15	10299	Nos	1,54,485

Work Code	: 201920099425	Name of the Work	: Major and Minor Repairs
Administrative Sanction No	: Proc.No: 2823020104 / MBNN / 2020-2021	Technical Sanctioned	: /21-22 No
Estimate Amount (in Rs.)	: 20,49,668/-	Work MBook Amount	: 21,36,044/- (in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
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		No	L	B	D				
	Dismantling, clearing away and carefully stacking useful materials for re-use and disposal of unserviceable materials with 100m lead as directed by Executive Engineer duly taking actual premeasurements before dismantling including all labour charges , overheads & contractor profit etc., complete [Old cement mortar plaster] (Excluding GST)								
	Black boards	11	1.5	0	1.3	21.45	0		0
	Outer wall plaster removal	1	7.5	0	3.1	23.25	0		0
	Total					44.7	5.5	Sqm	246
	Rectification of cracks in plastering using fosroc materials including the cost of groove cutting along the crack, neat cleaning, applying SBR fosroc liquid along the groove and applying two coats of P.S. powder fosroc compound as crack filler including cost and conveyance of all materials and labour charges etc., complete (Excluding GST)								
	BACK SIDE	1	19	0	0	19	0		0
	BACK SIDE	1	2.5	0	0	2.5	0		0
	BACK SIDE	1	0.4	0	0	0.4	0		0
	BACK SIDE	1	0.4	0	0	0.4	0		0
	BACK SIDE	1	0.5	0	0	0.5	0		0
	BACK SIDE	1	0.5	0	0	0.5	0		0
	BACK SIDE	1	19	0	0	19	0		0
	BACK SIDE	1	2.5	0	0	2.5	0		0
	BACK SIDE	1	2.5	0	0	2.5	0		0
	BACK SIDE	1	0.85	0	0	0.85	0		0
	BACK SIDE	1	1	0	0	1	0		0
	BACK SIDE	1	2.5	0	0	2.5	0		0
	BACK SIDE	1	2.5	0	0	2.5	0		0
	BACK SIDE	1	6	0	0	6	0		0
	BACK SIDE	1	2.5	0	0	2.5	0		0
	COLUMNS AND WINDOWS MIDDLE	3	2.5	0	0	7.5	0		0
	FIRST ROOM INTERNAL	1	0.7	0	0	0.7	0		0
	FIRST ROOM INTERNAL	1	1.9	0	0	1.9	0		0
	FIRST ROOM INTERNAL	1	0.7	0	0	0.7	0		0
	FIRST ROOM INTERNAL	1	1.8	0	0	1.8	0		0
	FIRST ROOM INTERNAL	1	0.9	0	0	0.9	0		0
	FIRST ROOM INTERNAL	2	0.5	0	0	1	0		0
	FIRST ROOM INTERNAL	1	2.5	0	0	2.5	0		0

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	FIRST ROOM INTERNAL	1	2.5	0	0	2.5	0		0
	FIRST WINDOW	1	0.6	0	0	0.6	0		0
	FIRSTROOM INTERNAL	1	5.9	0	0	5.9	0		0
	FRONT SIDE	1	1.5	0	0	1.5	0		0
	FRONT SIDE	1	0.5	0	0	0.5	0		0
	FRONT SIDE	1	2.5	0	0	2.5	0		0
	FRONT SIDE	1	2.5	0	0	2.5	0		0
	FRONT SIDE	1	6.5	0	0	6.5	0		0
	FRONT SIDE	1	1	0	0	1	0		0
	FRONT SIDE	1	0.7	0	0	0.7	0		0
	FRONT SIDE	1	1.2	0	0	1.2	0		0
	FRONT SIDE	1	2.5	0	0	2.5	0		0
	FRONT SIDE	1	0.4	0	0	0.4	0		0
	FRONT SIDE	1	2	0	0	2	0		0
	FRONT SIDE	1	2	0	0	2	0		0
	FRONT SIDE	1	2.8	0	0	2.8	0		0
	FRONT SIDE	1	2.5	0	0	2.5	0		0
	FRONT SIDE	1	2	0	0	2	0		0
	FRONT SIDE	1	3.1	0	0	3.1	0		0
	FRONT SIDE	1	0.3	0	0	0.3	0		0
	FRONT SIDE	1	2	0	0	2	0		0
	FRONT SIDE	1	2	0	0	2	0		0
	FRONT SIDE	1	1.5	0	0	1.5	0		0
	FRONT SIDE	1	1	0	0	1	0		0
	FRONT SIDE	1	2	0	0	2	0		0
	FRONT SIDE	1	2.3	0	0	2.3	0		0
	FRONT SIDE	1	6.2	0	0	6.2	0		0
	FRONT SIDE	1	2.5	0	0	2.5	0		0
	FRONT SIDE	1	2.5	0	0	2.5	0		0
	FRONT SIDE	1	2.5	0	0	2.5	0		0
	FRONT SIDE	1	2	0	0	2	0		0
	FRONT SIDE	1	1.8	0	0	1.8	0		0
	FRONT SIDE	1	7.7	0	0	7.7	0		0

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	FRONT SIDE	1	1.1	0	0	1.1	0		0
	FRONT SIDE	10	1	0	0	10	0		0
	GROUND SIDE	1	2.5	0	0	2.5	0		0
	GROUND SIDE	1	0.5	0	0	0.5	0		0
	GROUND SIDE	1	0.3	0	0	0.3	0		0
	GROUND SIDE	1	0.8	0	0	0.8	0		0
	GROUND SIDE	1	1	0	0	1	0		0
	GROUND SIDE	1	1.5	0	0	1.5	0		0
	GROUND SIDE	1	1	0	0	1	0		0
	GROUND SIDE	1	0.2	0	0	0.2	0		0
	GROUND SIDE	1	2	0	0	2	0		0
	GROUND SIDE	1	1	0	0	1	0		0
	GROUND SIDE	1	0.6	0	0	0.6	0		0
	GROUND SIDE	1	1	0	0	1	0		0
	GROUND SIDE	1	1	0	0	1	0		0
	GROUND SIDE	1	1.5	0	0	1.5	0		0
	GROUND SIDE	1	1.5	0	0	1.5	0		0
	Overall cracks	1	418.8	0	0	418.8	0		0
	ROAD SIDE CRACKS WITH MESH	4	3.4	0	0	13.6	0		0
	ROAD SIDE CRACKS WITH MESH	1	8.6	0	0	8.6	0		0
	SECOND WINDOW ABOVE	1	1.5	0	0	1.5	0		0
	WINDOWS UPPER SIDE FIRSTWINDOWS	1	2	0	0	2	0		0
	Total					630.65	38 rmt		23,965
	Plain Cement Concrete (1:5:10) M5 grade using 40mm nominal size SS5 hard broken granite metal including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete for finished item of work (Excluding GST)								
	Class Room-Flooring Bed1	1	6.55	7	0.15	6.88	0		0
	Class Room-Flooring Bed2	1	6.5	7	0.15	6.83	0		0
	Class Room-Flooring Bed3	1	7	7	0.15	7.35	0		0
	Class Room-Flooring Bed4	1	7	7	0.15	7.35	0		0

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	Class Room-Varandah1	1	14.7	1.9	0.15	4.19	0		0
	Class Room-Varandah2	1	14.8	2	0.15	4.44	0		0
	Class Room-Varandah3	1	6.7	6.7	0.15	6.73	0		0
	For Ramp	1	1.6	1.4	0.05	0.11	0		0
	For ramp	1	2.1	2	0.15	0.63	0		0
	For Stage	1	7.7	6.6	0.15	7.62	0		0
	PCC	1	7.7	6.6	0.15	7.62	0		0
	Total					59.75	2788.2	cum	1,66,595
	Plain Cement Concrete corresponding to M15 grade as per IS 456 equivalent to (1:2:4) proportion nominal mix (cement: fine aggregate: Coarse aggregate) using 20mm size Hard Blasted Granite (IS383, 1970) Machine Crushed graded metal from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including seigniorage charges, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing, laying, curing concrete, etc., complete for finished item of work (Excluding GST)								
	gate to stage	1	43	4.5	0.1	19.35	0		0
	Deduction	1	3.4	0.9	0.1	-0.31	0		0
	Deductions	1	2.5	1.1	0.1	-0.28	0		0
	deductions	0	0	0	0	0	0		0
	deductions	0	0	0	0	0	0		0
	deductions	1	2.2	1.1	0.12	-0.29	0		0
	deductions	1	2.5	1.1	0.12	-0.33	0		0
	deductions	1	7.1	1	0.12	-0.85	0		0
	For parking	0	0	0	0	0	0		0
	From gate entrance to stage	0	0	0	0	0	0		0
	gate front	1	4.2	6.6	0.12	3.33	0		0
	Gate front	1	7	4.35	0.1	3.04	0		0
	gate inside school	1	4	7.4	0.12	3.55	0		0
	Staff room to classroom end	1	21.2	3.45	0.12	8.78	0		0
	Stage to staffroom	1	14.5	2.4	0.15	5.22	0		0
	Total					41.21	4129.59	cum	1,70,180
	Random Rubble stone masonry in CM (1:6) using hard variety of Granite stones from approved quarry including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for foundation and basement. (Excluding GST)								

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	New room Front side	1	45	0.5	0.8	18	0		0
	stage	1	20.9	0.45	0.6	5.64	0		0
	Store room extension work	1	12.6	0.36	0.8	3.63	0		0
	Total					27.27	3079.49	cum	83,978
	Masonry work in CM (1:8) prop with Flyash Cement solid blocks of size 290 x 225 x 140 mm for manufacturing of flyash solid blocks using flyash of 50 Kgs / Sqcm including cost and conveyance of all materials, labour charges, scaffolding and curing etc., complete with a compressive strength not less than 50 kg/sqm for walls for Superstructure walls. (Excluding GST)								
	Septic tank brick work	1	8.8	0.23	2	4.05	0		0
	Steps	2	4	0.13	0.36	0.37	0		0
	Steps	1	29.9	0.3	0.11	0.99	0		0
	Store room extension	1	7.43	0.15	2.4	2.67	0		0
	Total					8.08	5073.09	cum	40,991
	Brick masonry in CM (1:6) with bricks of traditional size 23 x 11 x 7 cm 2nd class including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for Basement. (Excluding GST)								
	Brick work steps 2 entrance room	3	1.9	0.18	0.32	0.33	0		0
	Brick work steps and entrance room	3	3.5	0.2	0.3	0.63	0		0
	Main gate column extension brickwork	2	0.65	0.65	0.85	0.72	0		0
	Sheets room front	3	2.4	0.18	0.35	0.45	0		0
	Side wall entrance room hall	2	1.6	0.23	0.7	0.52	0		0
	Staff room front side steps	3	3.4	0.18	0.29	0.53	0		0
	stage steps	2	2.2	0.35	0.12	0.18	0		0
	Total					3.36	4806.95	cum	16,151
	Supplying, fitting and placing HYSD bar reinforcement complete as per drawings and technical specifications for bars below 36mm dia. including overlaps and wastage where they are not welded. (Excluding GST)								
	6mm HYSD bars	985	0	0	0	985	0		0
	Class Room-8mm HYSD bars	40	0	0	0	40	0		0
	Total					1025	48.41	Kgs	49,620

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	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[RCC SLABS 125mm thick] (Excluding GST)								
	For store room extension	1	2.5	2.8	0.13	0.88	0		0
	Total					0.88	6968.83	cum	6,133
	Plastering with CM 2 coats, 12mm thick, base coat in CM (1:5), 8mm thick and top coat in CM (1:3), 4mm thick with water proof Compound manufactured by reputed manufacturers as approved by engineering incharge at 1kg per 1 bag of cement including sponze finishing and cost and conveyance of all materials and all labour charges etc., complete for external walls [2nd Class Bricks and RR Masonary]. (Excluding GST)								
	BLACK BOARDS	11	1.5	0	1.3	21.45	0		0
	Entrance basement	1	44.8	0	0.7	31.36	0		0
	Outer plastering	1	2.1	0	2	4.2	0		0
	overall plastering	1	198.26	0	0.21	41.63	0		0
	Ramp	1	1.6	0	1.4	2.24	0		0
	Ramp	1	0.45	0	2.1	0.95	0		0
	Ramp	1	3.4	0	0.29	0.99	0		0
	Ramp	1	4	0	0.65	2.6	0		0
	Septic tank	1	8.6	0	1.5	12.9	0		0
	Stage	1	28.88	0	0.7	20.22	0		0
	Store room	1	10.2	0	2.4	24.48	0		0
	Total					163.02	309.54	sqm	50,461
	Providing Impervious coat to exposed RCC roof slab surface with CM(1:3), 20mm thick with 1kg of water proof compound per bag of cement laid over roof when it is green including cost and conveyance of all materials all operational, incidental and labour charges for mixing mortar, laying, rendering smooth and thread lining, curing, rounding off junctions of wall and slab etc., complete for finished item of work. (Excluding GST)								
	Class Room-Slab1	1	38	9	1	342	0		0
	Class Room-Slab2	1	14.5	8	1	116	0		0
	Total					458	331.71	sqm	1,51,923

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Providing impervious coat 1:1.5:3 mix using 6mm chips with 4 mm thick welded mesh of size (2x3) using over RCC roof slab to required slopes with CM (1:3) prop. 20mm thick (average) mixed with water proofing compound manufactured by reputed manufacturers as approved by Engineer-in-charge at 1Kg/bag of cement, laid over roof slab when it is green, finished smooth with a floating coat of neat cement and thread lining at regular intervals of 45cmx45cm, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, sand, water proofing compound, water etc., to site, seigniorage charges, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, laying, rounding off at junctions of wall and slab, rendering smooth with thread lining, curing, lift charges, etc., complete for finished item of work[For Second Floor] (Excluding GST)									
Class Room-Slab1	0	0	0	0.05	0	0			0
Class Room-Slab2	0	0	8	0.05	0	0			0
Total					0	1379.57	sqm		0
Supply and Fixing of Best teak wood fully pannelled windows of size 1.52 x 1.37 Mtrs with frame size 100 x 75 mm and shutter frame of size 75mm x 30mm thick for each shutter and Plank with 20mm thick best teak wood (3 Leafs) including all fixtures such as 9 Nos 100mm aluminium but hinges for three shutter, 6No.s of 100 mm Aluminium towe bolts, 100mm window handles 3 Nos, 4 No.s 300 MM MS Z hold fasts, 3 Nos Window stoppers, 11 No.s of 16mm dia MS plain bars placed harozonially, 2 No.s of rubber bushes including all materials and all labour charges for wrought and put up etc., complete for finished item of work. [Make Jyothi] (Excluding GST)									
Class Room - Window	0	0	0	0	0	0			0
Total					0	20028.33	Nos		0
Supplying, fitting and placing MS grilled door, windows, gate including fabrication charges and all incidental charges etc, cost and conveyance of all materials and all labour charges etc., complete. (make of materials - TATA, Jindal, Sail, Visakha) (Excluding GST)									
For gate	215	0	0	0	215	0			0
Total					215	70.08	Kgs		15,067
Providing skirting to internal walls to 15 cm height/ risers of steps with vitrified tiles length equal to flooring stones set over base coat of CM (1:5) 12 mm thick with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointed with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete for finished item of work. (Excluding GST)									
room1	1	6.9	0	0.1	0.69	0			0
room 1	2	6.5	0	0.1	1.3	0			0
room1	1	5.9	0	0.1	0.59	0			0
room2	2	6.5	0	0.1	1.3	0			0
room2	1	5.9	0	0.1	0.59	0			0
room2	1	6.9	0	0.1	0.69	0			0
room3	2	6.9	0	0.1	1.38	0			0
room3	1	5.9	0	0.1	0.59	0			0

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room3	1	6.9	0	0.1	0.69	0		0
room4	2	6.9	0	0.1	1.38	0		0
room4	1	6.9	0	0.1	0.69	0		0
room4	1	5.9	0	0.1	0.59	0		0
room5	2	6.8	0	0.1	1.36	0		0
room5	1	6.8	0	0.1	0.68	0		0
room5	1	5.6	0	0.1	0.56	0		0
room6	2	6.6	0	0.1	1.32	0		0
room6	1	6.6	0	0.1	0.66	0		0
room6	1	5.4	0	0.1	0.54	0		0
Total					15.6	754.55	sqm	11,771
Flooring with high polished granite 16 to 18 mm thick slabs other than black set over base coat of cement mortar (1:8), 20 mm thick over CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3.kgs per sqm & jointed neatly with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like cement, sand water and tilesetc., complete, including seigniorage charges, labour charges for dressing of tilesetc., complete for finished item of work, but excluding the cost of conveyance of all materials (Excluding GST)								
column deduction	3	0.28	0.32	0	-0.27	0		0
columns deductions	2	0.3	0.3	0	-0.18	0		0
columns deductions	1	0.78	0.33	0	-0.26	0		0
deductions	2	0.25	0.25	0	-0.13	0		0
entrance r oom1	1	7	6.55	0	45.85	0		0
entrance class room varanda	1	14.6	1.85	0	27.01	0		0
Entrance room2	1	7	6.55	0	45.85	0		0
Granite	8	1.2	1.2	0	11.52	0		0
sheet room 1steps	3	2.4	0.18	0	1.3	0		0
sheet room 2 steps	3	2.45	0.18	0	1.32	0		0
sheet room 2 steps	3	2.45	0.35	0	2.57	0		0
sheet room1	1	6.95	6.98	0	48.51	0		0
sheet room1 steps	3	2.4	0.35	0	2.52	0		0
sheet room2	1	6.95	6.98	0	48.51	0		0
staff room 1 steps	3	3.4	0.18	0	1.84	0		0

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	staff room 1 steps	3	3.4	0.28	0	2.86	0		0
	staff room 2 steps	1	7	0.15	0	1.05	0		0
	staff room varanda	1	14.8	2.05	0	30.34	0		0
	staff room1	1	6.8	6.8	0	46.24	0		0
	staff room2	1	6.65	6.65	0	44.22	0		0
	staff room2 steps	1	7	0.28	0	1.96	0		0
	steps 1	3	3.45	0.23	0	2.38	0		0
	steps 1	3	3.45	0.3	0	3.11	0		0
	steps 2	3	1.8	0.23	0	1.24	0		0
	steps 2	3	1.8	0.32	0	1.73	0		0
	wall sides	2	1.6	0.7	0	2.24	0		0
	Total					373.33	1587.6	sqm	5,92,699
	Gravel Filling in trenches, sides of foundations and basement with initial lead in layers not exceeding 15cm thick consolidating each deposited layer by watering and ramming including cost and conveyance of water to work site and all operational, incidental, labour charges, hire charges of T&P etc., complete for finished item of work. (Excluding GST)								
	Class Room-Room1	7	5.5	0.6	1.2	27.72	0		0
	Total					27.72	480.2	cum	13,311
	Plain Cement Concrete 1:1.5:3 Nominal mix with concrete mixer equivalent to (1:1.5:3) using 20mm size (SS5) hard blasted granite machine crushed metal (Coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of seigniorage charges on all materials including steel centering, shuttering, machine mixing, laying concrete, lift charges, curing etc., complete for finished item of work for steps[For Second Floor] (Excluding GST)								
	New class room	1	38.4	9.1	0.07	26.21	0		0
	Old class room	1	14.5	8	0.05	5.8	0		0
	Total					32.01	5310.28	cum	1,69,982
	Supply & fixing pre-painted galvalium trepizoidal profile roofing sheets with 0.47mm thickness,coating Alu-zinc coating AZ 150 GSM. Tensile strength : 550 MPA,paint coating : Regular modified polyster painting. Thickness (top) 18-20 microns,(bottom) 5-7microns including C/C of all materials like sheets, J bolts, bitumen washers etc. with or without ridge with sales & all other taxes & all labour charges etc. complete for fixing sheets in position. (Excluding GST)								
	Class Room-Head Room1	1	15	9.58	1	143.7	0		0
	Total					143.7	466.91	sqm	67,095

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	Supply and Fixing MS Purlins 50mm dia including Labour Charges for fixing complete including cost and conveyance of all materials to site, sales and other taxes, all labour charges etc., complete for finished item of work (Excluding GST)								
	Kitchen purlins	1	85	0	0	85	0		0
	Total					85	428.4	rmt	36,414
	Supply and Fixing MS Sheet 18 guage including Labour Charges for fixing complete including cost and conveyance of all materials to site, sales and other taxes, all labour charges etc., complete for finished item of work (1sqm=9.8 kgs) (Excluding GST)								
	Repairs to existing old furniture other than dual desks (Excluding GST)								
	windows shutters replacements and total wood windows hangers and locks fittings	0	0	0	0	1	0		0
	Total					1	240600	LS	2,40,600
	Differential Cost of Cement (Including GST)								
	Differential Cost of Steel (Including GST)								
	Provision for GST @ 12.00%								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	228861.81	PERCENT AGE	2,28,862

Work Code : 201920100759

Name of the Work : Paintings to School

Administrative Sanction No : Proc.No: 2823020104 / MBNN / 2020-2021

Technical Sanctioned : /21-22 No

Estimate Amount (in Rs.) : 6,07,700/-

Work MBook Amount : 4,85,166/- (in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Removing White wash or Colour wash by steel wire brushing and/or scraping; sand papering and preparing the wall surface smooth including necessary repairs to scratches complete. (Excluding GST)								
	Rooms Around external	0	0	0	0	0	0		0

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	Rooms inside allround - Block1	0	0	1	1	0	0		0
	Total					0	8.78	sqm	0
	Removing White wash or Colour wash by steel wire brushing and/or scraping; sand papering and preparing the ceiling and/or sloping roofs surface smooth including necessary repairs to scratches complete. (Excluding GST)								
	Rooms inside ceiling - Block1	0	840	1	1	0	0		0
	Total					0	10.21	sqm	0
	(Berger Paints India) Painting to walls with two coats of acrylic emulsion paint weather proof water based, modified acrylic with silicon additives exterior grade having VOC (Volatile Organic Compound) content less than 50 grams / liter / Interior grade having VOC (Volatile Organic Compound) content less than 50 grams / liter of superior quality of approved brand and shade over base coat of cement primer grade -I making three coats in all to give an even shade after thoroughly brushing / scrubbing the surface to remove old paint / lime surface any other adhesives / all loose powdered materials with mechanical devices (optimum pressure) like automatic sandar and mechanical scrubber or manually (where ever mechanical scrubbing not possible) as per technical specification / conditions and including Bio wash / Jet wash / repairs to cracks upto 5mm with acrylic paste / dampness / patches to restore the wall surface apply primer and acrylic emulsion exterior grade / interior grade of the company manufactured as per the given specifications, in two coats. Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools / equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and including all taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company with a warranty period of 7 Years for entire painting & paint coloring Total 3 (three) coats:1. Primary Coat 2. Emulsion paint 2(two coats) Exterior (1) Exterior Emulsion should satisfy following parameters : - Dry film thickness for primary coat (Barrier coat) = 70 – 80 Microns, Dry film thickness for emulsion 2 coats = 50 – 60 Microns, Sheen levels at 60 degree GH = > 18 as measured in white, Water resistance = passes> 48 Hrs as per ASTM D870 – 15, Flame spread resistance = Passes as per BS 476 – PART-7 –1997 : Rating Class-I, Resistance to Alkali= Efflorescence Test (Water Permeability test as per SS-500-2002), Durability against colour, flaking, cracking, chalking and weathering = 7 Years warranty on colour & film integrity. Surface drying type = 30 minutes, Spread area = 50 – 60 sqft, Adhesive capacity = Pull of adhesion > 1.5 Mpa, Temperature stability = QUVA > 1000 hours, Dust Repellent = Natural weather exposure for 3 months – No visual difference initially and after cleaning (Including GST)								
	compound wall	1	2400	1	0	2400	0		0
	overall external	1	1350	1	0	1350	0		0
	Total					3750	85.02	Sqm	3,18,825

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(Berger Paints India) Painting to walls with two coats of acrylic emulsion paint weather proof water based, modified acrylic with silicon additives exterior grade having VOC (Volatile Organic Compound) content less than 50 grams / liter / Interior grade having VOC (Volatile Organic Compound) content less than 50 grams / liter of superior quality of approved brand and shade over base coat of cement primer grade -I making three coats in all to give an even shade after thoroughly brushing / scrubbing the surface to remove old paint / lime surface any other adhesives / all loose powdered materials with mechanical devices (optimum pressure) like automatic sandar and mechanical scrubber or manually (where ever mechanical scrubbing not possible) as per technical specification / conditions and including Bio wash / Jet wash / repairs to cracks upto 5mm with acrylic paste / dampness / patches to restore the wall surface apply primer and acrylic emulsion exterior grade / interior grade of the company manufactured as per the given specifications, in two coats. Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools / equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and including all taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company with a warranty period of 7 Years for entire painting & paint coloring Total 3 (three) coats:1. Primary Coat 2. Emulsion paint 2(two coats) Interior (2) Interior Emulsion should satisfy following parameters : - Dry film thickness for primary coat = 15 – 20 Microns Dry film thickness for emulsion 2 coats = 45 – 50 Microns, Scrub cycles = Minimum 300 cycles as per ASTM D 3450, Washability = Minimum 14000 cycles, Sheen levels at 60 degree GH = <5 units, Resistance to Alkali= Passes the test as per IS 15489 – 2004, Durability against colour, flaking, cracking, chalking and weathering = 7 Years warranty on colour & film integrity., Surface drying type = 30 minutes, Spread area = 120 – 130 sqft per liter, Temperature stability = Passes the test as per IS 15489: 2004. (Including GST)									
	Alround internal	1	1219	0	1	1219	0		0
	Total					1219	87.03	Sqm	1,06,090
(Berger Paints India) Doors & Windows with wood primer, enamel (in case of Wooden Doors) : -Specification:- Painting to wood work with two coats of ready mixed Synthetic Enamel paints in all shades Grade - I Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools/equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and excluding taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company with a warranty period of 7 Years for entire painting & Paint Coloring Total 3 (three) coats:1. Primary Coat 2. Ready mixed Synthetic Enamel paint 2(two coats) Interior / Exterior Requirements for Enamel, Synthetic, Exterior (a) under coating (b) Finishing (Including GST)									
	Overall wooden windows and doors	1	150.28	0	1	150.28	0		0
	Total					150.28	96.02	Sqm	14,430

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(Berger Paints India) Grills and Gates (iron Doors, Windows, Gates, Grills etc.) with primary coat of Red oxide : - Specification :- Painting to Iron work with two coats of ready mixed Synthetic Enamel paints in all shades Grade – I Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools/equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and excluding taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company Total 3 (three) coats:1. Primary Coat of Red oxide 2. Ready mixed Synthetic Enamel paint 2(two coats) Interior / Exterior Requirements for Enamel, Synthetic, Exterior (a) under coating (b) Finishing with a warranty period of 7 Years for entire painting & paint Coloring (Including GST)									
Overall iron windows and doors	1	156.72	0	1	156.72	0			0
Total					156.72	90.01	Sqm		14,106
(Berger Paints India) Wall art coloring to exterior and interior walls to make the school environment favourable to children with arts like animals, birds, trees etc and with themes like environment/science/space etc using Acrylic Emulsion Colours of highest grade using standardised stencils (the art work / designs will be furnished by the authority / department). The surface area of work done will be taken as 40 % of the external wall treated and 50 % for internal walls (considering 60 % voids for external walls and 50 % voids for internal walls) Include colours, applying machinery or tools / equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and including all taxes and all or every other requirement in completion of the work shall be met by the SELECTED contractor with a warranty period of 7 Years for entire painting & Paint Coloring (Including GST)									
overall walls wall art	0	0	0	0	0	0			0
Total					0	85	Sqm		0
(Berger Paints India) Painting to Old walls with Single coat of acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/liter of superior quality of approved brand and shade making single coat in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, , cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for INTERNAL WALLS. (make: Berger /Asian) Colour code: Sugericing (NN Crem) -3P0237 Ceiling: white (Including GST)									
Overall Ceiling	1	821	0	1	821	0			0
Total					821	38.63	Sqm		31,715

Work Code : 201920100802

Name of the Work : Furniture for Students and Staff

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Administrative Sanction No

: Proc.No: 2823020104 / MBNN /
2020-2021

Technical Sanctioned : /21-22
No

Estimate Amount (in Rs.)

: 5,12,944/-

Work MBook Amount : 2,01,675/-
(in Rs.)

Date of Measure ment	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Almairahs (Steel) for HM Room, Staff room, Library room, Laboratory room, M.S sheet conforming to commercial quality CR- 1,Grade340 of IS 513:2008 (revised 2013)(Fifth Revision)Amdt. no.1 Sheet thickness of door in 0.8 mm (minimum) (Excluding GST)								
	Alimairahs	0	0	0	0	0	0		0
	Total					0	7850	Nos	0
	Teacher Table in classroom, Table Top Material is 18 mm thick prelaminated Particle Board (Not as per IS8126) Thickness (±2 mm). One side double storage is provided and pedestals (under structure) Mild Steel Square Section of outside side minimum 25 mm and wall thickness minimum 1.2 mm (Excluding GST)								
	Teacher tables	0	0	0	0	0	0		0
	Total					0	3304	Nos	0
	Teacher Chair in classroom, Library room, Laboratory room Seat and Backrest is Made of Polythene cane. (Excluding GST)								
	Teacher chairs	0	0	0	0	0	0		0
	Total					0	1050	Nos	0

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Supply & Placing Dual desk for class IV to VI ; TYPE-II The overall dimensions of desk will be W 1066mm x D 930mm x H 688 (for table top). The seating bench height shall be 423 mm. 1. Table top shall be made up of 18.0 mm thick plywood of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish). Table top dimensions shall be W 1008.0 mm x D 380.0 mm. Edge towards bench shall be post formed with round edge. The remaining three edges must be sealed with 2mmthick PVC edge banding tape. Edge band must be trimmed on edges and corners. 2. Side frame structure: Made of CRCA press-formed section 165.0 mm x 25.0 mm x 1.0 mm thickness bolted to 25.0 mm x 50.0 mm x 1.2mm thickness tube of 890mm length by using C-clamps made up of 3.0 mm thickness sheet. 3. Seat and back rest frame structure: Made of CRCA press-formed section 165.0 mm x 25.0 mm x 1.0 mm thickness welded to MS pipe of 25.4 mm diameter x 1.2mm thickness. All 8 numbers of horizontal supports shall be made up MS tube having dimensions 25.0 mm x 25.0 mm x 1.2 mm thickness. MS tube of size 20.0 mm x 20.0 mm x 1.0 mm thickness and 100.0 mm long shall be welded to the frame to hold the horizontal supports.4. Rectangular MS tube of dimension 50.0 mm x 25.0 mm x 1.2 mm thickness shall be closed with PPCP (Poly Propylene Copolymer) cap at both the ends. Pipe diameter 25.4 mm x 1.2 mm thickness shall be closed with PPCP cap at back side and under the seat. 5. Upper modesty panel and shelf shall be made of 0.8 mm thick CRCA sheet. The dimensions for upper modesty panel shall be H 175.0 mm x W 1012.0 mm x D 23.0 mm. The dimensions of shelf shall be W 1012.0 mm X D 300.0 mm X H 23.0 mm. The shelf shall have vertical partition at the center. This partition shall be made up of square MS tube having size 25.0 mm x 25.0 mm x 1.2 mm thickness. Stiffeners of MS tube having sizes as 20.0 mm x 20.0 mm x 1.0 mm thickness shall be provided in upper modesty panel and shelf. Front fascia of upper modesty panel of desk shall have embossed design. The corners of shelf (projecting towards the seating bench) shall be rounded through corner-forming technology (without welding) to avoid injury in case of accidental impact.6 Additional lower modesty panel having size H 150.0 mm x W 1008.0 mm X D 23.0 mm shall be made up of 0.8 mm thick CRCA sheet with designer square perforations. MS tube of size 20.0 mm x 20.0 mm x 1.2 mm thickness shall be fixed across the length at the bottom side of lower modesty panel.7. Seat and back rest shall be made of 18mm thick plywood of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish) except back rest. Back rest shall have both sides lamination 7.1 Seating bench dimensions shall be W 1066.0 mm X D 300.0 mm: Front side shall be rounded with post forming. Remaining three edges shall be sealed with 2mm thick PVC edge banding tape. 7.2 Back rest dimensions shall be W 1066.0 mm x D 250.0 mm: Upper side shall be rounded with post forming. Remaining three edges shall be sealed with 2mm thick PVC edge banding tape. 7.3 Leg space between top and seat shall be 125mm. 8. Bag/bottle hooks shall be made of MS wire having diameter of 5.0 mm. The overall size of hook shall be W 23.0 mm, D 32.0 mm and H 80.0 mm. It shall be welded on inner facia of both the vertical press-fitted steel sections. 9. The MIG / Spot welding shall be done as per technical requirement. 10. All metal components shall be powder coated in satin finish with pretreatment process. The item shall carry a warranty period of 5 (Five) years from the date of supply (Excluding GST)

Dual desk	20	0	0	0	20	0		0
Total					20	6821.78	Nos	1,36,436

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Supply & Placing Dual desk for class VII to X ; TYPE – III The overall dimensions of desk will be W 1066mm x D 930mm x H 760 (for table top). The seating bench height shall be 452 mm. 1. Table top shall be made up of 18.0 mm thick plywood (tolerance as per IS 303) of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish). Table top dimensions shall be W 1008.0 mm x D 380.0 mm. Edge towards bench shall be post formed with round edge. The remaining three edges must be sealed with 2mmthick PVC edge banding tape. Edge band must be trimmed on edges and corners. 2. Side frame structure: Made of CRCA press-formed section 165.0 mm x 25.0 mm x 1.0 mm thickness bolted to 25.0 mm x 50.0 mm x 1.2mm thickness tube of 890mm length by using C-clamps made up of 3.0 mm thickness sheet. 3. Seat and back rest frame structure: Made of CRCA press-formed section 165.0 mm x 25.0 mm x 1.0 mm thickness welded to MS pipe of 25.4 mm diameter x 1.2mm thickness. All 8 numbers of horizontal supports shall be made up MS tube having dimensions 25.0 mm x 25.0 mm x 1.2 mm thickness. MS tube of size 20.0 mm x 20.0 mm x 1.0 mm thickness and 100.0 mm long shall be welded to the frame to hold the horizontal supports. 4. Rectangular MS tube of dimension 50.0 mm x 25.0 mm x 1.2 mm thickness shall be closed with PPCP (Polypropylene Copolymer) cap at both the ends. Pipe diameter 25.4 mm x 1.2 mm thickness shall be closed with PPCP cap at back side and under the seat. 5. Upper modesty panel and shelf shall be made of 0.8 mm thick CRCA sheet. The dimensions for upper modesty panel shall be H 175.0 mm x W 1012.0 mm x D 23.0 mm. The dimensions of shelf shall be W 1012.0 mm X D 300.0 mm X H 23.0 mm. The shelf shall have vertical partition at the center. This partition shall be made up of square MS tube having size 25.0 mm x 25.0 mm x 1.2 mm thickness. Stiffeners of MS tube having sizes as 20.0 mm x 20.0 mm x 1.0 mm thickness shall be provided in upper modesty panel and shelf. Front fascia of upper modesty panel of desk shall have embossed design. The corners of shelf (projecting towards the seating bench) shall be rounded through corner-forming technology (without welding) to avoid injury in case of accidental impact. 6. Additional lower modesty panel having size H 150.0 mm x W 1008.0 mm X D 23.0 mm shall be made up of 0.8 mm thick CRCA sheet with designer square perforations. MS tube of size 20.0 mm x 20.0 mm x 1.2 mm thickness shall be fixed across the length at the bottom side of lower modesty panel. 7. Seat and back rest shall be made of 18mm thick plywood of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish) except back rest. Back rest shall have both sides lamination. 7.1 Seating bench dimensions shall be W 1066.0 mm X D 300.0 mm: Front side shall be rounded with post forming. Remaining three edges shall be sealed with 2mm thick PVC edge banding tape. 7.2 Back rest dimensions shall be W 1066.0 mm x D 250.0 mm: Upper side shall be rounded with post forming. Remaining three edges shall be sealed with 2mm thick PVC edge banding tape. 7.3 Leg space between top and seat shall be 150mm. 8. Bag/bottle hooks shall be made of MS wire having diameter of 5.0 mm. The overall size of hook shall be W 23.0 mm, D 32.0 mm and H 80.0 mm. It shall be welded on inner facia of both the vertical press-fitted steel sections. 9. The MIG / Spot welding shall be done as per technical requirement. 10. All metal components shall be powder coated in satin finish with pretreatment process. The item shall carry a warranty period of 5 (Five) years from the date of supply (Excluding GST)

Dual desk	5	0	0	0	5	0		0
Total					5	6895	Nos	34,475
Provision for GST @ 12.00%								
Provision for GST	1	0	0	0	1	0		0
Total					1	30763.91	PERCENT AGE	30,764

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Work Code	: 201920100942	Name of the Work	: Drinking Water Supply
Administrative Sanction No	: Proc.No: 2823020104 / MBNN / 2020-2021	Technical Sanctioned	: /21-22 No
Estimate Amount (in Rs.)	: 7,03,099/-	Work MBook Amount	: 6,74,892/- (in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Earth work excavation for foundations and depositing on bank for all lifts and with an initial lead of 10m including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., complete for finished item of work. [Ordinary Soil - Manual means - Upto 3m depth] (Excluding GST)								
	For Cistern Foundation	0	0	0	0	0	0		0
	Hand Wash Platform	3	0.6	0.6	0.6	0.65	0		0
	sump	1	3.5	3	2.7	28.35	0		0
	Total					29	267.54	cum	7,759
	Plain Cement Concrete (1:4:8) using 40mm nominal size SS5 hard broken granite metal including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete for finished item of work (Excluding GST)								
	For Cistern Foundation	1	3.3	2.8	0.2	1.85	0		0
	Hand Wash Platform	1	5	2.5	0.15	1.88	0		0
	Total					3.73	2916.69	cum	10,879
	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[RCC SLABS 125mm thick] (Excluding GST)								
	Bottom Slab	1	3.3	1.15	0.13	0.47	0		0
	Top Slab with manhole	1	3	2.68	0.13	1.01	0		0
	Total					1.48	6968.83	cum	10,314

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	Supplying, fitting and placing HYSD bar reinforcement complete as per drawings and technical specifications for bars below 36mm dia. including overlaps and wastage where they are not welded. (Excluding GST)								
	10mm HYSD bars	297	0	0	0	297	0		0
	12mm HYSD bars	90	0	0	0	90	0		0
	8mm HYSD bars	60	0	0	0	60	0		0
	Total					447	48.41	Kgs	21,639
	Supplying & fixing Ashirvad/Astral flow guard for equivalent CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary excavation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls & floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work[22.20 mm dia CPVC SDR 13.50]. (Excluding GST)								
	22.20 MM OD Pipe	1	230	0	0	230	0		0
	Total					230	85	rmt	19,550
	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[RCC SLABS 150mm thick] (Excluding GST)								
	OHSR bottom slab	1	2.5	2.2	0.15	0.82	0		0
	Total					0.82	6524.83	cum	5,350
	Plastering with CM 2 coats, 12mm thick, base coat in CM (1:5), 8mm thick and top coat in CM (1:3), 4mm thick with sponze finishing including cost and conveyance of all materials and all labour charges etc., complete for walls. (Excluding GST)								
	SUMP INTERNAL WALLS	2	2.5	0	2.2	11	0		0
	For sump	0	0	0	0	0	0		0
	OHSR	2	2.3	0	1.5	6.9	0		0
	OHSR SHORTWALLS	2	2	0	1.5	6	0		0
	SUMP INTERNAL WALLS	2	1.8	0	2.2	7.92	0		0
	Total					31.82	304.57	sqm	9,691
	Dadoing to walls with ISO accerdiate glazed red or white full body ceramic wall tiles of make as approved by engineer -in - charge of site not less than 300 x 450 mm / 320 mm x 400 mm set over base coat 12mm thick CM (1:3) base over coat and neat grey cement slurry of honey likr consistency spread at the rate of 3.3 kgs per sqm and jointed with white cement paste mixed with pigment of matching shade to matching shade to match the shade of tiles including cost and of all materials and water to work site, including cost of seigniorage charges on all materials and all operational incidental and labour charges such as mixing mortar fixing in postion including lift charges curing etc completed for work . (Excluding GST)								

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	Hand wash	12	0.46	0	0.46	2.54	0		0
	Hand wash	1	3.3	0	1	3.3	0		0
	Handwash	1	3.3	0	0.4	1.32	0		0
	Handwash	1	3.3	0	0.18	0.59	0		0
	Handwash	4	3.3	0	0.23	3.04	0		0
	Total					10.79	557.41	sqm	6,014
	Supplying and fixing NP bib taps of size 12.70mm dia of Indian make Seiko including cost and conveyance of all materials, labour charges etc., complete for finished item of work in all floors for 400 Grams (Excluding GST)								
	NP bib taps of size 12.70mm for 400 Grams	17	0	0	0	17	0		0
	Total					17	351.76	Nos	5,980
	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[PLINTH BEAMS] (Excluding GST)								
	OHSR	2	2.5	0.23	0.23	0.26	0		0
	OHSr	2	2	0.23	0.23	0.21	0		0
	Total					0.47	8215.57	cum	3,861
	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[RCC SLABS 115mm thick] (Excluding GST)								
	OHSR top slab	1	2.5	2.2	0.1	0.55	0		0
	Total					0.55	7200.48	cum	3,960

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<p>(Innovative Industries) Drinking water Supply System Type-IV-B - Drinking water system for Govt schools with TDS reduction required to 150-400ppm from source water having TDS 400-3000 ppm: Type- IV (B) Supplying and fixing of R.O Drinking water system with the specifications detailed below and the Cost includes manufacturing, transportation, Supply, Erection, Commissioning and Testing at the school premises, loading & unloading charges etc., all incidental charges, including GST etc., all other taxes and charges for complete finished item of work, with a warranty period of 05(five) years and further extendable AMC for a period of 05(five) years on mutually agreed terms and conditions. Overall size in mm : 2476 mm X 1000mmX 1700mm (as shown in figure) Legs: 130mm Height made with 40mmx40mmx 1.0mm thick Embossing letters on Tank : Nadu – Nedu2020 [1] Raw water tank: (i) Capacity :310 Litres, (ii) Tank size in mm: 1550 mm X915mm X 300mm (as shown in figure) (iii) Specifications: The entire Tank and Lid shall be made with stainless steel sheet of 304 grade (1.20mm and 1.0 mm thick respectively) and the stainless-steel sheet of brand viz., Jindal(JSW) / Salem SAIL with locking system, as shown in figure. Note: The water tank shall be provided with suitable nipple to fill water from the source . [2] Water Treatment unit with TDS membrane System Vessel / dual media of 200 mm dia. and 900 mm height (i.e., 8 x 36) – make Pentair, with 20 kg Glass sand ,UV system with 1000 LPH capacity with stainless steel body 500 mm height, TDS Membrane filter (Industrial Filters)-4021(2Nos) to maintain TDS 150-400ppm, (Mud) Micron filter-1, UF filter suitable for 500Lph, Activated corban filter suitable for 500Lph, Pressure pump : 1.00 HP, Booster pump : 0.50HP, Centrifugal pump 0.5 Hp, Pressure Gauges : 2 nos, Pressure Valves : 2 nos, Online TDS meter: 1 no, GPS Tracking system: 1 no, Power backup at lest for 30 min with 100 AH batteries 2 nos, Control unit for RO system with switches, Makes: Approved Brands, UV System: Alfa / Sukruth/Nexus with 5 years warranty, Filter bed and Micron Filter: MMP / Pratham/UKL/ Aqua Nomics with 5 years warranty, Activated Carbon: ACG / Aqua /TAT/UKL/GLOBAL with 5 years warranty, Centrifugal pump 0.5 HP (Make-CRI / Lubi / Leo/Speed) with 5 years warranty, Booster pump 1.00 HP High pressure pump ORSUITABLERATING(Make-CRI/Grand force/ speed/ Texmo) with 5 years warranty, [3] Treated Water Tank: (I) Capacity :210 Litres, (II) Tank size in mm : 1550 mm X915mm X 200mm, (as shown in figure), (iii) Specifications: Tank with Lid shall be made with stainless steel sheet of 304 grade with 1.20mm thickness and the stainless-steel sheet shall be Jindal(JSW) / Salem SAIL; as shown in figure. [4] Steel Sink Stainless steel Water tank with two sides SS sink (As shown in figure) of size 1756 x 200mm x500mm made with stainless steel sheet of 0.80mm thick 304 grade and including 10 nos. of taps connected toTreated Water Tank (SS coated Gun metal push or any high-quality heavy-dutytaps). [5]Frame structure supports and the frame shall be made with 40mm x 40mm x 1.0mm& 40 x 20 x1.0mm thick stainless- steel grade 304 square tubes and the equipment shall be made as per drawing shown in figure. The structure shall be covered with stainless steel sheet of 0.80mm thick 304 grade covers and two doors suitable designed at ends of system for all maintenance purpose and safe guard the equipment. Note-1: Nothing should be reflected in the Cost componentcolumn of the financial bid. Whatever the rate quoted is all inclusive. (Including GST)</p>									
RO	1	0	0	0	1	0			0
Total					1	463949.8	Nos		4,63,950
<p>Brick masonry in CM (1:8) with bricks of traditional size 23 x 11 x 7 cm 2nd class including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for Superstructure. (Excluding GST)</p>									
handwash	1	2.45	0.75	0.6	1.1	0			0
handwash	1	3.3	0.23	0.4	0.3	0			0
handwash	1	3.3	0.1	0.23	0.08	0			0

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	handwash	1	3.3	0.1	0.18	0.06	0		0
	handwash	3	0.46	0.46	0.46	0.29	0		0
	OHSR	2	2.5	0.23	1.5	1.73	0		0
	OHSR	2	2	0.23	1.5	1.38	0		0
	OHSR pillars	4	0.6	0.6	0.6	0.86	0		0
	sump	2	3	0.23	2.3	3.17	0		0
	sump	2	2.65	0.23	2.3	2.8	0		0
	Total					11.77	5149.42	cum	60,609
	Flooring with Vitrified tiles of 1st quality of size 600x600mm, set over base coat of cement mortar (1:8), 12 mm thick over CC bed already laid or RCC Roof slab, including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed neatly with white cement paste to full depth mixed with pigment of matching shade, including cost of all materials like cement, sand, water and tiles etc., complete for finished item of work. (Excluding GST)								
	Deduction	0	0	0	0	0	0		0
	deductions	1	2.5	0.8	0	-2	0		0
	deductions	3	0.46	0.46	0	-0.63	0		0
	Handwash floor	1	5.4	2.6	0	14.04	0		0
	Handwash floortiles	1	5.24	1.84	0	9.64	0		0
	Total					21.05	747.67	sqm	15,738
	Plastering with CM 2 coats, 12mm thick, base coat in CM (1:5), 8mm thick and top coat in CM (1:3), 4mm thick with water proof Compound manufactured by reputed manufacturers as approved by engineering incharge at 1kg per 1 bag of cement including sponze finishing and cost and conveyance of all materials and all labour charges etc., complete for external walls [2nd Class Bricks and RR Masonary]. (Excluding GST)								
	Brick pillars	4	2.4	0	0.6	5.76	0		0
	For OHSR	1	8.5	0	1.5	12.75	0		0
	Total					18.51	309.54	sqm	5,730
	Supply & Fixing of 22 dia RCC Cover for manhole with nominal reinforcement 3 thick with hooks for lifting including cost and conveyance of all materials, labour charges etc., complete for finished item of work (Excluding GST)								
	Manhole doors	2	0	0	0	2	0		0
	Total					2	633	Nos	1,266
	Differential Cost of Cement (Including GST)								
	Differential Cost of Steel (Including GST)								
	Provision for GST @ 12.00%								
	Provision for GST	1	0	0	0	1	0		0

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Total						1	22600.98	PERCENT AGE	22,601
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Work Code : 201920101001 **Name of the Work** : Providing Electrification with Fans and Tube Lights
Administrative Sanction No : Proc.No: 2823020104 / MBNN / 2020-2021 **Technical Sanctioned** : /21-22 No
Estimate Amount (in Rs.) : 3,11,447/- **Work MBook Amount** : 2,49,106/- (in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Supply and fixing of 25mm dia 1.8mm thick P.V.C. pipe (ISI Mark) concealed in wall with all required accessories including masonry work and labour charges etc., complete. (Excluding GST)								
	Overall PVC Pipe Concealed in wall	1	300	0	0	300	0		0
	Total					300	71.44	mtr	21,432
	Supply and run of 2 of 36/0.3mm (2.5 Sq.mm) FRLS. P.V.C. insulated flexible copper cable in existing pipe for mains including all labour charges etc., complete. (Excluding GST)								
	Overall 2.5 Sq.mm	1	300	0	0	300	0		0
	Total					300	64.93	mtr	19,479
	Wiring with 2 runs of 22/0.3mm (1.5 Sq.mm) FRLS / HFFR / ZHFR P.V.C. insulated 1100V grade as per IS : 694 / 1990 specification flexible copper cable (ISI MARK) in existing pipe with 6A Modular switch, Ceiling rose/BH/SBH Modular switches with cover plate including all labour charges etc., complete for Light, Fan, Exhaust Fan etc., complete. (Excluding GST)								
	Fan Points	53	0	0	0	53	0		0
	Light Points	44	0	0	0	44	0		0
	Total					97	611.17	Nos	59,283
	Supply and fixing of 6A/10A modular 3 pin socket with 6A modular switch with 3 moular metal box with cover frame on a common board with earth continuity including wire leads, earth connections along with all labour charges etc., complete.switches (Excluding GST)								
	6A 3 pin Sockets	16	0	0	0	16	0		0

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	Total					16	284.35	Nos	4,550
	Supply and fixing of 6A 3 pin wall plug socket with a 6A switch control on a common switch board with earth continuity including wire leads, earth connections along with all labour charges etc., complete. (Excluding GST)								
	3A 3 pin sockets	11	0	0	0	11	0		0
	Total					11	108.34	Nos	1,192
	Supply and Fixing of 16A/6A, 2 in one socket with 16A switch control modular type with MS flush boxes with front cover plate including all labour charges etc., complete (Excluding GST)								
	16A 3 Pin Socket	11	0	0	0	11	0		0
	Total					11	434.34	Nos	4,778
	Supply, Transportaton, and fixing of 20W, T8,1200mm length LED retrofit tube light, input voltage AC 220 - 260 Volts with PF>0.9, Surge protection: 2KV,THD<10%, with inbuilt driver and frosted cover CCT: 3000K - 5700K, minimum CRI>70, .etc., completes including all labour charges and conveyance of all materials etc complete with with flexible wire and connections. (Excluding GST)								
	Tube Light Set	44	0	0	0	44	0		0
	Total					44	867.5	Nos	38,170
	Labour charges for fixing of ceiling fan and regulator including transportation and giving connections with twin core wire etc., complete. (Excluding GST)								
	Labour charges for fixing of ceiling fan	53	0	0	0	53	0		0
	Total					53	138.88	Nos	7,361
	Supply and fixing SPN Distribution board with IP-42 protection (Metal Door) suitable for single phase ELCB / RCCB / DP Isolator as incomer and 10kA SP MCBs as outing going including internal connection and labour charges for surface/ flush mounting etc., complete. (Excluding GST)								
	Distribution Board	0	0	0	0	0	0		0
	Total					0	4107.07	Nos	0
	Supply and Transportation of 1.5 HP Single phase Mono block CI body motor pumpset confirms to IS 9079:2002 etc., completed finished item of work Makes: Kirloskar / Crompton / Texmo / CRI / KSB/Lubi / Havells Hi-flow V2 / PSG/Aryen Varsha (Excluding GST)								
	1.00 HP Motor	1	0	0	0	1	0		0
	Total					1	9600	Nos	9,600

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	(Crompton greaves) Ceiling Fans- Supply & Fixing of 1200mm (48) sweep, 380 RPM at 230V with high speed, ceiling fan with air delivery of 210 (CMM) and wattage of 50 to 75W having 3 blades and double ball bearing with all standard accessories like 100% copper winding, down rod 300mm length and 19.20mm dia meter, anti-corrosion aluminium body and blades having thickness of 1.08mm with glassy powder coated paint finish (Ivory colour) etc., including cost and conveyance of all materials to site (of school) including loading and un-loading and fixing etc., complete for finished item of work. (Crompton / Usha / Bajaj / Havells / Orient / Khaitan / Polar / GEC / Almonard) including GST and all taxes etc., as applicable from time to time. The item shall carry a warranty period of 3 (three) years from the date of supply (Including GST)								
	Fans	44	0	0	0	44	0		0
	Total					44	1440	Nos	63,360
	Provision for GST @ 12.00%								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	19901.31	PERCENT AGE	19,901

Work Code	: 201920102394	Name of the Work	: Construction of Toilet with Running Water
Administrative Sanction No	: Proc.No: 2823020104 / MBNN / 2020-2021	Technical Sanctioned	: /21-22 No
Estimate Amount (in Rs.)	: 10,27,758/-	Work MBook Amount	: 8,02,932/- (in Rs.)

Date of Measure ment	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Earth work excavation and depositing on bank with initial lead of 10m and initial lift of 3m in Loamy & Clayey Soils like BC Soils, Red Earth & Ordinary Gravelly Soils (SS 20-B) including all operational incidental labour charges such as shoring, strutting, sheeting, planking and dewatering including cost of hire charges of T & P, labour charges etc., complete for finished item of work including seignorage charges excluding dewatering charges etc., complete for Foundation of Building.(APSS No. 308) (Excluding GST)								
	Columns Front Side	0	0	0	0	0	0		0
	For Columns	8	1.1	1.1	1.2	11.62	0		0
	For Short walls	1	8.65	0.45	0.6	2.34	0		0
	For short walls	3	2.45	0.45	0.6	1.98	0		0

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	For Walls	2	10	0.45	0.6	5.4	0		0
	Partitions wall	6	1.2	0.45	0.6	1.94	0		0
	Septic Tank	1	4.5	3.2	3	43.2	0		0
	Septic tank	1	2.2	2.26	2	9.94	0		0
	Total					76.42	152.88	cum	11,683
	Plain Cement Concrete (1:4:8) using 40mm nominal size SS5 hard broken granite metal including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete for finished item of work (Excluding GST)								
	Columns Front Side	0	0	0	0	0	0		0
	For Columns	8	1	1	0.15	1.2	0		0
	For Long wall	1	8.65	0.45	0.15	0.58	0		0
	For Long walls	2	10	0.45	0.15	1.35	0		0
	For Septic tank	1	4.5	3.2	0.15	2.16	0		0
	For Septic tank	1	2.1	2.4	0.2	1.01	0		0
	For Short wall	3	2.4	0.45	0.15	0.49	0		0
	Others, if any	0	0	0	0	0	0		0
	Partitions walls	6	1.2	0.45	0.15	0.49	0		0
	Total					7.28	2916.69	cum	21,234
	Plain Cement Concrete (1:5:10) M5 grade using 40mm nominal size SS5 hard broken granite metal including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete for finished item of work (Excluding GST)								
	1. Girls toilets Inside	1	6.9	1.2	0.15	1.24	0		0
	2. Girls toilets rooms inside	6	0.75	0.97	0.15	0.65	0		0
	3. Boys Toilets Inside	1	2.1	1.3	0.15	0.41	0		0
	4. Boys Toilets rooms Inside	2	1	1.15	0.15	0.34	0		0
	6. Indian Water Closets Deductions	5	0.55	0.45	0.15	-0.19	0		0
	Total					2.45	2788.2	cum	6,831
	Random Rubble stone masonry in CM (1:6) using hard variety of Granite stones from approved quarry including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for foundation and basement. (Excluding GST)								
	1. Long wall	2	10	0.45	0.85	7.65	0		0

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	2. Long wall	1	8.65	0.45	0.85	3.31	0		0
	3. Short Wall	2	2.3	0.45	0.85	1.76	0		0
	4. Short wall	1	1.85	0.45	0.85	0.71	0		0
	5. Column Deduction	8	0.23	0.23	0.85	-0.36	0		0
	Partitions wall	6	1.2	0.45	0.85	2.75	0		0
	Total					15.82	3079.49	cum	48,718
	Brick Masonry work in CM (1:6) prop with Flyash Cement of size 290 x 225 x 140 mm with compressive of 50 Kgs/Sqcm from approved source including cost and conveyance of all materials, labour charges and curing etc., for Basement walls. (Excluding GST)								
	1. For Long walls	2	9.8	0.15	2.45	7.2	0		0
	2. For Short walls	2	2.6	0.15	2.45	1.91	0		0
	3. Ventilator Deduction	8	0.45	0.15	0.54	-0.29	0		0
	4. Front Grills Deduction	2	2.72	0.15	0.45	-0.37	0		0
	5. Front Grills Deduction	1	1.48	0.15	0.45	-0.1	0		0
	6. Column Deductions	8	0.23	0.23	2.45	-1.04	0		0
	7. Grill Door Deductions	2	0.9	0.15	2.45	-0.66	0		0
	Total					6.65	4705.65	cum	31,293
	Brick masonry in CM (1:6) with bricks of traditional size 23 x 11 x 7 cm 2nd class including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for Basement. (Excluding GST)								
	1. Girls Toilet Long wall	1	6.9	0.1	2.1	1.45	0		0
	10. For Septic tank	2	2	0.23	1.7	1.56	0		0
	11. For Septic Tank	2	2	0.23	1.7	1.56	0		0
	2. Girls Toilet Partition walls	5	1.2	0.1	2.1	1.26	0		0
	3. Boys toilet Long wall	1	2.1	0.1	2.1	0.44	0		0
	4. Boys Toilet Partition walls	1	1	0.1	2.1	0.21	0		0
	5. Boys Toilet Middle wall	1	2.6	0.23	2.45	1.47	0		0
	6. For Septic tank Long walls	2	4.1	0.23	2.4	4.53	0		0
	7. For Septic tank short walls	2	2.44	0.23	2.4	2.69	0		0
	8. Septic tank baffle wall	2	2.44	0.1	1.5	0.73	0		0
	9. Toilet Door Deductions	8	0.75	0.1	2.1	-1.26	0		0

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	Total					14.64	4806.95	cum	70,374
	Gravel Filling in trenches, sides of foundations and basement with initial lead in layers not exceeding 15cm thick consolidating each deposited layer by watering and ramming including cost and conveyance of water to work site and all operational, incidental, labour charges, hire charges of T&P etc., complete for finished item of work. (Excluding GST)								
	1. Toilets Inside	1	8.65	2.6	0.6	13.49	0		0
	2. Deductions	1	8.65	0.23	0.6	-1.19	0		0
	3. Deductions	1	2.6	0.23	0.6	-0.36	0		0
	Total					11.94	480.2	cum	5,734
	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[FOOTINGS] (Excluding GST)								
	Column Footing F1	8	1.1	1.1	0.25	2.42	0		0
	Total					2.42	6223.57	cum	15,061
	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[COLUMNS] (Excluding GST)								
	Columns from Plinth Beam to Roof Level	8	0.23	0.23	2.45	1.04	0		0
	Columns upto Plinth Beam Level	8	0.23	0.23	0.93	0.39	0		0
	Total					1.43	7732.57	cum	11,058
	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[PLINTH BEAMS] (Excluding GST)								
	1. For Long walls	2	9.8	0.23	0.23	1.04	0		0
	2. For Long walls	1	8.65	0.23	0.23	0.46	0		0
	3. For Short walls	2	2.6	0.23	0.23	0.28	0		0

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	4. For Short walls	1	2.6	0.23	0.23	0.14	0		0
	5. Column Deductions	8	0.23	0.23	0.23	-0.1	0		0
	Partition wall	6	1.2	0.23	0.23	0.38	0		0
	Total					2.2	8215.57	cum	18,074
	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[BEAMS] (Excluding GST)								
	1.	2	9.8	0.23	0.23	1.04	0		0
	2. Short Beams	2	2.6	0.23	0.23	0.28	0		0
	Total					1.32	7172.83	cum	9,468
	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[RCC SLABS 115mm thick] (Excluding GST)								
	Roof slab area(with 0.30m around projection)	1	10.4	3.7	0.12	4.43	0		0
	Septic Tank	1	4.1	2.9	0.12	1.43	0		0
	Septic tank	1	2	2.45	0.12	0.59	0		0
	Total					6.45	7200.48	cum	46,443
	Providing Impervious coat to exposed RCC roof slab surface with CM(1:3), 20mm thick with 1kg of water proof compound per bag of cement laid over roof when it is green including cost and conveyance of all materials all operational, incidental and labour charges for mixing mortar, laying, rendering smooth and thread lining, curing, rounding off junctions of wall and slab etc., complete for finished item of work. (Excluding GST)								
	Over Toilet slab	0	0	0	0	0	0		0
	Total					0	331.71	sqm	0
	Brick masonry in CM (1:8) with bricks of traditional size 23 x 11 x 7 cm 2nd class including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for Superstructure. (Excluding GST)								
	Toilet Block long walls(i/s)	0	0	0	0	0	0		0
	Toilet Partition walls	5	1.38	0.12	2.5	0	0		0
	Total					0	5149.42	cum	0

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Plastering with CM 2 coats, 12mm thick, base coat in CM (1:5), 8mm thick and top coat in CM (1:3), 4mm thick with water proof Compound manufactured by reputed manufacturers as approved by engineering incharge at 1kg per 1 bag of cement including sponze finishing and cost and conveyance of all materials and all labour charges etc., complete for external walls [2nd Class Bricks and RR Masonary]. (Excluding GST)									
1. External Long walls	2	9.8	0	2.45	48.02	0			0
2. Grill Deduction	2	2.72	0	0.45	-2.45	0			0
3. Grill Deduction	1	1.48	0	0.45	-0.67	0			0
4. Ventilator Deduction	8	0.45	0	0.54	-1.94	0			0
5. Short walls	2	3.15	0	2.45	15.44	0			0
6. Grill Door Deductions	2	0.9	0	2.45	-4.41	0			0
Total					53.99	309.54	sqm		16,712
Plastering with CM (1:5) Single Coat, 12mm thick including cost and conveyance of all materials and all labour charges etc., complete for walls. (Excluding GST)									
1. Internal Long wall	2	8.6	0	2.45	0	0			0
Total					0	106.17	sqm		0
Plastering with CM (1:5), 20mm thick including cost and conveyance of all materials and all labour charges etc., complete for walls. (Excluding GST)									
Flooring with Non-skid red or white full body Ceramic floor tiles, set over base coat of cement mortar (1:8), 12 mm thick over CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3.kgs per sqm & jointed neatly with white cement paste to full depth mixed with pigment of matching shade, including cost of all materials like cement, sand water and tiles etc., complete, including seigniorage charges, etc., complete for finished item of work (Excluding GST)									
1. Girls Toilet	1	6.92	1.2	0	8.3	0			0
2. Girls Toilet	1	2.2	1.2	0	2.64	0			0
3. Internal Rooms	8	1.15	1.02	0	9.38	0			0
4. Door Jambs	8	0.7	0.12	0	0.67	0			0
5. Deductions	5	0.45	0.54	0	-1.22	0			0
Total					19.77	714.77	sqm		14,131
Dadoing to walls with ISO accerdiate glazed red or white full body ceramic wall tiles of make as approved by engineer -in - charge of site not less than 300 x 450 mm / 320 mm x 400 mm set over base coat 12mm thick CM (1:3) base over coat and neat grey cement slurry of honey likr consistency spread at the rate of 3.3 kgs per sqm and jointed with white cement paste mixed with pigment of matching shade to matching shade to match the shade of tiles including cost and of all materials and water to work site, including cost of seigniorage charges on all materials and all operational incidental and labour charges such as mixing mortar fixing in postion including lift charges curing etc completed for work . (Excluding GST)									
1. Girls Toilet	1	7.35	0	1.45	10.66	0			0

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	2. Girl Toilet	1	1.25	0	1.43	1.79	0		0
	3. Long Partition wall	1	6.9	0	1.5	10.35	0		0
	4. Deductions	6	0.7	0	1.5	-6.3	0		0
	5. Inside Room Alround	3	3.75	0	1.45	16.31	0		0
	Total					32.81	557.41	sqm	18,289
	Supplying, fitting and placing MS grilled door, windows, gate including fabrication charges and all incidental charges etc, cost and conveyance of all materials and all labour charges etc., complete. (make of materials - TATA, Jindal, Sail, Visakha) (Excluding GST)								
	Doors for Main Entrance	300	0	0	0	300	0		0
	Ventilator Grills	100	0	0	0	100	0		0
	Ventilators	300	0	0	0	300	0		0
	Total					700	70.08	Kgs	49,056
	Providing and fixing factory made solid Wood Polymer Composite (WPC) single extruded Door Frame section of size 45x75 MM . The two Vertical members are to be joined together with the horizontal member using 8x50 MM long MS Star full thread screws to be used with reverse forward speed control hand drilling machine. The ready/assembled door frame is fixed to the wall using hold fast or bolt fasteners. A minimum of 4 No.s of screws to be provided for each vertical member & minimum 2no.s for horizontal member with encapsulation of 8MM rigid layer on all the six surfaces. The door frame will have a rebat of 32MM (Excluding GST)								
	Door Frames	8	5.4	0	0	43.2	0		0
	Total					43.2	506	rmt	21,859
	Providing and fixing 28 -30 MM thick solid Wood Polymer Composite(WPC) single extruded door shutter with 3MM top and bottom rigid layer with an overall density of 750kg/Cum. It will be fixed to the frame using 3 inch /4 inch hinges. A minimum of 4 hinges will be required for fixing the door with the frame (Excluding GST)								
	Doors for Toilets for Differently Abled	4	1.2	1	2	9.6	0		0
	Total					9.6	3030	sqm	29,088
	Painting to New walls with two coats of acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/liter of superior quality of approved brand and shade over base coat of cement primer grade -I making three coats in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, including cost and conveyance of all materials, cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work in all floors for Walls.(APSS No. 911) in Ground Floor INTERNAL Make : Asian, Burger, Nerolac (Excluding GST)								
	Inside Toilets allround	0	40	0	1	0	0		0
	Inside Urinal partitions allround	0	8	8	0	0	0		0

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	Inside Urinal portion	0	2.7	0	0.5	0	0		0
	Slab projection allround	0	32	0.3	0	0	0		0
	Total					0	121.78	sqm	0
	Painting to new Iron work with Two coats of ready mixed synthetic enamel paint first quality all shades to give an even shade over base coat of Red Oxide primer thouroughly brushing the surface to remove all remains including cost and conveyance of all materials to site, all operational, incidental and labour charges etc., complete for finished item of work. (Excluding GST)								
	For Main Door	0	1.2	0	2.3	0	0		0
	Total					0	122.74	sqm	0
	Supplying, fitting and placing HYSD bar reinforcement complete as per drawings and technical specifications for bars below 36mm dia. including overlaps and wastage where they are not welded. (Excluding GST)								
	10mm HYSD bars	400	0	0	0	400	0		0
	12mm Hysd bars	750	0	0	0	750	0		0
	8mm HYSD bars	650	0	0	0	650	0		0
	Total					1800	48.41	Kgs	87,138
	Supplying and fixing of 75 mm SWR/ PVC pipes (as per ISI standards) 4 Kg/Sq.cm. Prince/sudhakar or any ISI brand and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per site requirement, fixing with PVC clamps if necessary with required number of Bombay nails including cost and conveyance of all materials to site, labour charges etc.complete for finished item of work at all floor levels. (APSS No. 1302 1319 & 1326) (Excluding GST)								
	SWR/ PVC pipes at Urinals	1	30	0	0	30	0		0
	Total					30	89.1	rmt	2,673
	Supplying and fixing of 110 mm SWR/ PVC pipes (as per ISI standards) 4 Kg/Sq.cm. Prince/sudhakar or any ISI brand and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per site requirement, fixing with PVC clamps if necessary with required number of Bombay nails including cost and conveyance of all materials to site, labour charges etc.complete for finished item of work at all floor levels. (APSS No. 1302 1319 & 1326) (Excluding GST)								
	Sanitary pipe	1	25.7	0	0	25.7	0		0
	Total					25.7	169.13	rmt	4,347
	Supplying & fixing Ashirvad/Astral flow guard for equivalent CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary excavation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls & floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work[22.20 mm dia CPVC SDR 13.50]. (Excluding GST)								
	Hand Wash	1	37.4	0	0	37.4	0		0
	Total					37.4	85	rmt	3,179

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Supplying & fixing Ashirvad/Astral flow guard for equivalent CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary excavation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls & floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work[41.30 mm dia CPVC SDR 13.50]. (Excluding GST)									
For Water Closet Connections	1	14	0	0	14	0			0
Total					14	266	rmt		3,724
Supply & Fixing of Jaquar make chrome plated Metro pole flush valve concealed type with cover plate 40mm size including all cost and conveyance of all materials to site, all labour charges etc., complete for finished item of work. (Excluding GST)									
Providing Impervious coat to exposed RCC roof slab surface with CM(1:3), 20mm thick with 1kg of water proof compound per bag of cement laid over roof when it is green including cost and conveyance of all materials all operational, incidental and labour charges for mixing mortar, laying, rendering smooth and thread lining, curing, rounding off junctions of wall and slab etc., complete for finished item of work.[Providing Impervious coat in First Floor] (Excluding GST)									
Toilet	1	10.4	3.7	0	38.48	0			0
Flush Valve	3	0	0	0	3	0			0
Total					3	3189	Nos		9,567
Total					38.48	357.63	sqm		13,762
Supplying and fixing NP bib taps of size 12.70mm dia of Indian make Seiko including cost and conveyance of all materials, labour charges etc., complete for finished item of work in all floors for 400 Grams (Excluding GST)									
NP bib taps of size 12.70mm for Toilet	8	0	0	0	8	0			0
NP bib taps of size 12.70mm for Washing Cistern	8	0	0	0	8	0			0
Total					16	351.76	Nos		5,628
Wiring with 2 runs of 14/0.3mm (1.0 Sq.mm) Fire Retardant (FR) P.V.C. insulated flexible copper cable (ISI MARK) in existing pipe with 6A switch, Ceiling rose and 3mm tick hylam sheet covering to switch control box including all labour charges etc., complete for light, bell, fan and exhaust fan points in Non-Residential buildings. (Excluding GST)									
Light Points	3	0	0	0	3	0			0
Total					3	417.83	Nos		1,253
Wiring with 2 runs of 22/0.3mm (1.5 Sq.mm) FRLS / HFFR / ZHFR P.V.C. insulated 1100V grade as per IS : 694 / 1990 specification flexible copper cable (ISI MARK) in existing pipe with 6A Modular switch, Ceiling rose/BH/SBH Modular switches with cover plate including all labour charges etc., complete for Light, Fan, Exhaust Fan etc., complete. (Excluding GST)									

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	wiring	6	0	0	0	6	0		0
	Total					6	611.17	Nos	3,667
	Supply and run of 1 of 14/0.3mm (1.0 Sq.mm) FRLS. P.V.C. insulated flexible copper cable in existing pipe for earth continuity including all labour charges etc., complete. (Excluding GST)								
	Earthing Wire	0	0	0	0	0	0		0
	Total					0	18.62	mtr	0
	Supply and fixing of 6A/10A modular 3 pin socket with 6A modular switch with 3 moular metal box with cover frame on a common board with earth continuity including wire leads, earth connections along with all labour charges etc., complete.switches (Excluding GST)								
	6A Socket	1	0	0	0	1	0		0
	Total					1	284.35	Nos	284
	Supply and Fixing of 16A/6A, 2 in one socket with 16A switch control modular type with MS flush boxes with front cover plate including all labour charges etc., complete (Excluding GST)								
	16A 3 Pin Socket	1	0	0	0	1	0		0
	Total					1	434.34	Nos	434
	Labour charges only for fixing European Water Closet with P or S trap as per standard practice (BMW- D.15) (Excluding GST)								
	EWC	3	0	0	0	3	0		0
	Total					3	264	Nos	792
	Labour charges only Fixing Orissa pan W.C with P or S Trap (BMW-D.06) (Excluding GST)								
	Orissa pan	5	0	0	0	5	0		0
	Total					5	377	Nos	1,885
	Labour charges only Fixing flat back Bowl/ Half stall urinals with fixing C.P. Spreader and screws complete (BMW-D.36) (Excluding GST)								
	Urinals	3	0	0	0	3	0		0
	Total					3	127	Nos	381
	Labour charges only for fixing Indian makeFlat Back Wash Hand Basin with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting Pillar Taps complete with standard CI brackets including wooden block (BMW-D.28) (Excluding GST)								
	wash basins	8	0	0	0	8	0		0
	Total					8	319	Nos	2,552

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(CERA Sanitaryware Ltd) Supply of 1st quality floor mounted Single piece EWC suit with ceramic material with range of sizes : 510-695 x 295-385 x 520-795 mm with S trap for Ground floor and P trap for First floor Toilets with dual flush with all internal parts of dual flush cistern, ultra solid soft close seat cover with fittings of approved make with rubber buffer and cap all of approved make etc. complete for finished item in all respects: White Coloured, cost and conveyance of all materials and all labour charges like loading, unloading & stacking etc., to school site including GST and all taxes etc., as applicable from time to time excluding installation. Similar or Nearer to the Shape as indicated in the given Photo with slight / qualified modifications in Length, Breath, Depth. (Including GST)								
cera	3	0	0	0	3	0		0
Total					3	7600	Nos	22,800
(CERA Sanitaryware Ltd) Supply of Orissa Pan white glazed W.C 1st quality conforming to IS:2556-Part-3-1981 with P or S trap: 580 x 440 mm Long including cost and conveyance of all materials : White Coloured including cost and conveyance of all materials and all labour charges like loading, unloading & stacking etc., complete to school site including GST and all taxes etc., as applicable from time to time excluding installation. (Including GST)								
orissa pan	5	0	0	0	5	0		0
Total					5	1336.05	Nos	6,680
(CERA Sanitaryware Ltd) Supplying of white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556-Part6, Sec-6-1974 fixed with screws complete. Indian make : 590 x 375 x 390 mm including cost and conveyance of all materials and all labour charges like loading, unloading & stacking etc., complete to school site including GST and all taxes etc., as applicable from time to time excluding installation. (Including GST)								
urinals	2	0	0	0	2	0		0
urinals	1	0	0	0	1	0		0
Total					3	2277.07	Nos	6,831
(CERA Sanitaryware Ltd) Supply of Ceramic square glossy finish hand wash basin wall mount / hung. 1st quality conforming to IS: 2556-Part-4:1972 with waste fittings like rubber plug , chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore chromium plated Pillar tap of Ist Quality Indian make 400 gms Seiko / Senior / Nice / Esso or equivalent complete of white colour and approved make with standard CI brackets including wooden block : 550 x 400mm – Double C.P.Pillar Cock including cost and conveyance of all materials and all labour charges like loading, Unloading & stacking etc., complete to school site including GST and all taxes etc., as applicable from time to time excluding installation. (Including GST)								
Hand wash basins	8	0	0	0	8	0		0
Total					8	1478.17	Nos	11,825
Plastering with CM 2 coats, 12mm thick, base coat in CM (1:5), 8mm thick and top coat in CM (1:3), 4mm thick with sponze finishing including cost and conveyance of all materials and all labour charges etc., complete for walls. (Excluding GST)								
1. Internal Long walls	1	7.35	0	2.45	18.01	0		0
10. Septic tank	4	2.44	0	1.5	14.64	0		0

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11. Septic Tank	2	2.4	0	1.8	8.64	0		0
12. Septic tank	2	2	0	1.8	7.2	0		0
2. Short walls	1	2.6	0	2.45	6.37	0		0
3. Long walls	1	6.9	0	2.45	16.91	0		0
4. Partition walls	11	1	0	2	22	0		0
5. Boys Toilet Long walls	2	2.1	0	2.45	10.29	0		0
6. Short wall	1	2.6	0	2.45	6.37	0		0
7. Partition walls	1	1	0	2	2	0		0
8. Septic tank	2	4.1	0	2.4	19.68	0		0
9. Septic tank	2	2.44	0	2.4	11.71	0		0
Total					143.82	304.57	sqm	43,803
Providing plinth protection with a bed of 100mm thick PCC (1:5:10) using 40mm size HBG metal and on top of PCC, 20 mm thick granolithic concrete flooring with CC (1:1:2) prop; machine crushed metal of size 6mm to 12 mm laid monolithically already laid in alternate panels and finishing the top surface to required smoothness and slopes including grooves, thread lining as cost and coveyance of all materials to site including seignorage charges, sales & other taxes and all materials and operatinal & incidental and labour charges like mixing of cement concrete, laying ,curing lift charges etc., complete including of CC bedfor finished item of work (Excluding GST)								
pcc flooring	0	0	0	0	0	0		0
Total					0	530.59	sqm	0
Differential Cost of Cement (Including GST)								
cement	0	0	0	0	140	0		0
Total					140	350	LS	49,000
Differential Cost of Steel (Including GST)								
Provision for GST @ 12.00%								
Provision for GST	1	0	0	0	1	0		0
Total					1	75620.88	PERCENT AGE	75,621

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Signature of Engineering
Assistant

Signature of FE/AE/AEE

U SRINIVAS

Signature of Deputy Executive Engineer

Chereddi Naveenkumar

Signature of Executive Engineer

Kandepu Kedareswara Rao