

మన బడి నాడు-నేడు

Measurement Book No : 28236001101001

District Name	:	CHITTOOR
Mandal Name	:	PEDDAPANJANI
Village Name	:	BOMMARAJUPAL LE
Name of the Executing Agency	:	Panchayat Raj
Name of School	:	MPPS BOMMARAJUPAL LE
U-Dise Code	:	28236001101
Technical Sanctioned Amount	:	1445710
Admin Sanctioned Amount	:	1445710
Total Expenditure	:	1181318

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Abstract

U-Dise Code : 28236001101
Technical Sanctioned Amount : 1445710
Admin Sanctioned Amount : 1445710
Total Expenditure : 1181318
MBook Number : 28236001101001

Work Code	Work type name	Estimated Cost	Value of work done
201920012616	English Labs	40000	41439
201920030735	Furniture for Students and Staff	266170	80497
201920031298	Construction of Toilet with Running Water	292679	275268
201920031580	Providing Electrification with Fans and Tube Lights	49303	44734
201920031720	Drinking Water Supply	182515	175939
201920032558	Major and Minor Repairs	473335	445494
201920032835	Paintings to School	100471	76751
202021007622	Green Chalk Boards	41237	41196
	Total	1445710	1181318

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 : 201920012616 **Name of the Work** : English Labs
Administrative Sanction No : Proc.No2823005661/MBNN/2020-2021 **Technical Sanctioned** : 98 No
Estimate Amount (in Rs.) : 40,000/- **Work MBook Amount** : 41,439/- (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 of 55 inches/65 inches LCD TV or LCD projector with Screen including installation (Detailed specifications will be given later in a circular) (Excluding GST)								
	LCD TV	0	0	0	0	36999	0		0
	Total					36999	1	LS	36,999

Work Code : 201920030735 **Name of the Work** : Furniture for Students and Staff
Administrative Sanction No : Proc.No2823005661/MBNN/2020-2021 **Technical Sanctioned** : 98 No
Estimate Amount (in Rs.) : 2,66,170/- **Work MBook Amount** : 80,497/- (in Rs.)

Date of Measurement	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)								
	alimarah	0	0	0	0	0	0		0
	Total					0	7850	Nos	0

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	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 Table	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 Chair	0	0	0	0	0	0		0
	Total					0	1050	Nos	0

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Supply & Placing Dual desk for class I to III ; TYPE-I The overall dimensions of desk will be W 1066mm x D 930mm x H 628 (for table top). The seating bench height shall be 383 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 (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 backrest. 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 110mm. 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)

desks	0	0	0	0	0	0		0
Total					0	6768.38	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)

desks	10	0	0	0	10	0		0
Total					10	6821.78	Nos	68,218
Provision for GST @ 12.00%								
Provision for GST	1	0	0	0	1	0		0
Total					1	12279.2	PERCENT AGE	12,279

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Work Code : 201920031298 **Name of the Work** : Construction of Toilet with Running Water
Administrative Sanction No : Proc.No2823005661/MBNN/2020-2021 **Technical Sanctioned** : 98 No
Estimate Amount (in Rs.) : 2,92,679/- **Work MBook Amount** : 2,75,268/- (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)								
	earth work long wall	2	5.6	0.5	0.4	2.24	0		0
	ew for septic tank	1	3.1	2	1.43	8.87	0		0
	short wall	2	3.48	0.5	0.4	1.39	0		0
	toilet ew	0	0	0	0	0	0		0
	Total					12.5	267.54	cum	3,344
	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)								
	flooring pcc	2	2.5	2.74	0.1	1.37	0		0
	pcc for toilet	1	0	0	0	0	0		0
	pcc for toilet long wall	2	5.6	0.5	0.4	2.24	0		0
	pcc septic tank	1	3.05	1.92	0.1	0.59	0		0
	short wall	2	3.48	0.5	0.4	1.39	0		0
	Total					5.59	3150.46	cum	17,611
	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)								
	long wall	2	5.2	0.5	0.4	2.08	0		0

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	Room alround (below GL & above GL)	1	0	0	0	0	0		0
	short wall	2	3	0.5	0.4	1.2	0		0
	Total					3.28	3287.71	cum	10,784
	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)								
	partition wall	1	1.92	0.1	0.85	0.16	0		0
	partition wall	1	1.92	0.1	1.42	0.27	0		0
	septic tank	2	3.05	0.23	1.43	2.01	0		0
	septic tank	2	1.92	0.23	1.43	1.26	0		0
	Total					3.7	4898.96	cum	18,126
	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)								
	Deduct Main Door	1	0.7	0.23	1.8	-0.29	0		0
	Deduct Toilet Doors	1	0.62	0.23	1.8	-0.26	0		0
	Deduct Ventilaters	6	0.53	0.23	0.52	-0.38	0		0
	partition wall	1	1.3	0.1	2	0.26	0		0
	partition wall	1	1.17	0.1	2	0.23	0		0
	partition wall	1	1.26	0.1	2	0.25	0		0
	Toilet Block Allround	2	5.11	0.23	2.34	5.5	0		0
	Toilet Partition walls	1	3	0.23	2.34	1.61	0		0
	toilet wall bw	2	3.47	0.23	2.34	3.74	0		0
	Total					10.66	5241.44	cum	55,874
	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)								
	deduct grills door	0.5	0.7	0	1.8	-0.63	0		0
	deduct ventilators	3	0.53	0	0.52	-0.83	0		0
	plastering	2	3.47	0	2.34	16.24	0		0
	plastering	2	2.5	0	2.34	11.7	0		0
	plastering	2	2.5	0	2.34	11.7	0		0
	plastering	4	1.26	0	2	10.08	0		0
	plastering	4	1.14	0	2	9.12	0		0
	plastering	2	3	0	2	12	0		0
	Total					69.38	106.71	sqm	7,404

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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)									
dadoing	2	1.16	0	1.44	3.34	0			0
dadoing	2	0.54	0	1.44	1.56	0			0
dadoing	4	1.14	0	1.44	6.57	0			0
dadoing	2	1.25	0	1.44	3.6	0			0
Inside Toilets Allround	2	2.5	1	1.74	8.7	0			0
Inside Urinal side wall	2	1.67	1	1.74	5.81	0			0
Urinal Partitions	2	0.78	1	1.74	2.71	0			0
Total					32.29	557.82	sqm		18,012
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	160	0	0	0	160	0			0
Ventilators	140	0	0	0	140	0			0
Total					300	70.08	Kgs		21,024
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)									
10 mm hysd	165.84	0	0	0	165.84	0			0
10 mm hysd	57.01	0	0	0	57.01	0			0
Total					222.85	48.41	Kgs		10,788
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 Hand Wash	1	2	0	0	2	0			0
SWR/ PVC pipes at Urinals	1	10	0	0	10	0			0
Total					12	89.1	rmt		1,069

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	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 Connections	1	8	0	0	8	0	0
	Total					8	169.13	rmt 1,353
	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	10.54	0	0	10.54	0	0
	Toilet Tap Connections	1	12	0	0	12	0	0
	Total					22.54	85	rmt 1,916
	Supplying and fixing Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part-4:1972 of size 550mm x 400mm 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 1st quality Indian make 400 grams Seiko/ Esso or equivalent complete with standard CI brackets including wooden block ,1 No.12.70mm PVC connection with brass union nuts CP coated , 1 No.12.70mm NP bib tap 300 gms Seiko or equivalent including cost and conveyance of all materials to site, labour charges etc. complete for finished item of work (Excluding GST)							
	ST001	2	0	0	0	2	0	0
	Total					2	1894	Nos 3,788
	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	12	0	0	0	12	0	0
	Total					12	351.76	Nos 4,221
	Supply and fixing of 25mm dia 2.2mm thick P.V.C. pipe (ISI Mark) concealed in Roof Slabs with all required accessories including masonry work and labour charges etc., complete. (Excluding GST)							
	In Roof Slab	2	3	0	0	6	0	0
	Total					6	66.86	mtr 401
	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)							
	In Walls	2	4	0	0	8	0	0
	Total					8	71.44	mtr 572

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	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	1	0	0	0	1	0		0
	Total					1	867.5	Nos	868
	Supply and Fixing of batten holder/angle holder on existing block with 7.0W LED bulb and all labour charges etc., complete. In lieu of ceiling rose. (Excluding GST)								
	Holders with Bulb	6	0	0	0	6	0		0
	Total					6	209.75	Nos	1,259
	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)								
	septic tank	1	3	2.4	0.1	0.72	0		0
	slab toilet	1	5.9	3.5	0.13	2.58	0		0
	Total					3.3	7202.61	cum	23,769
	Supply of Orissa Pan white glazed W.C 1st quality conforming to IS:2556-Part-3-1981 with P or S trap: 510 x 400 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. (Excluding GST)								
	indian type	6	0	0	0	6	0		0
	Total					6	1185	Nos	7,110
	(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)								
	ewc	2	0	0	0	2	0		0
	Total					2	7600	Nos	15,200

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	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)								
	tiles flooring	2	2.5	2.74	0	13.7	0		0
	Total					13.7	748.14	sqm	10,250
	Plastering with CM 2 coats, 20mm thick, base coat in CM (1:6), 16mm thick and top coat in CM (1:4), 4mm thick with Dubara sponze finishing including cost and conveyance of all materials and all labour charges etc., complete for walls. (Excluding GST)								
	deduct grills door	1	0.7	0	1.8	-1.26	0		0
	deduct hole	1	0.3	0	0	0.03	0		0
	deduct ventilators	3	0.53	0	0.52	-0.83	0		0
	plastering	2	5.6	0	2.34	26.21	0		0
	plastering	2	3.5	0	2.34	16.38	0		0
	Total					40.53	312.43	sqm	12,663
	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	27864.42	PERCENT AGE	27,864

Work Code : 201920031580

Name of the Work : Providing Electrification with Fans and Tube Lights

Administrative Sanction No : Proc.No2823005661/MBNN/2020-2021

Technical Sanctioned : 98 No

Estimate Amount (in Rs.) : 49,303/-

Work MBook Amount : 44,734/- (in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				

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	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)								
	In Walls	1	48.55	0	0	48.55	0		0
	Total					48.55	71.44	mtr	3,468
	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)								
	Copper Cable for Run of Mains	1	50	0	0	50	0		0
	Total					50	64.93	mtr	3,247
	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	8	0	0	0	8	0		0
	Light Points	8	0	0	0	8	0		0
	Total					16	611.17	Nos	9,779
	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	8	0	0	0	8	0		0
	Total					8	867.5	Nos	6,940
	Supply and Fixing of batten holder/angle holder on existing block with 7.0W LED bulb and all labour charges etc., complete. In lieu of ceiling rose. (Excluding GST)								
	Holders with Bulb	6	0	0	0	6	0		0
	Total					6	209.75	Nos	1,259
	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)								
	spn	0	0	0	0	0	0		0
	Total					0	4107.07	Nos	0
	Providing independent earthling by excavating a trench to a depth of 2.5 M in all soils, as per size specified in the Data, using 40mm GI B Class Pipe of 2.5 Mtrs length with necessary accessories duly providing staggered holes including filling with equal proportion of Salt and Charcoal in layers and all labour charges etc., complete. (Excluding GST)								
	Earthing	1	0	0	0	1	0		0

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	Total					1	4443.49	Nos	4,443
	Supply and Fixing of 3 phase meter box, 100 A fuse units, Neutral link, on T.W block with all accessories etc., complete for finished items of work. (Excluding GST)								
	meter	1	0	0	0	1	0		0
	Total					1	520	Nos	520
	(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	8	0	0	0	8	0		0
	Total					8	1440	Nos	11,520
	Provision for GST @ 12.00%								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	3558.67	PERCENT AGE	3,559

Work Code	: 201920031720	Name of the Work	: Drinking Water Supply
Administrative Sanction No	: Proc.No2823005661/MBNN/2020-2021	Technical Sanctioned	: 98
		No	
Estimate Amount (in Rs.)	: 1,82,515/-	Work MBook Amount	: 1,75,939/-
		(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	1	1.9	0.72	0.5	0.68	0		0
	sump	1	2	1.5	2.2	6.6	0		0

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	Total					7.28	267.54	cum	1,948
	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 Reservoir	1	2	1.5	0.1	0.3	0		0
	Hand Wash Platform	1	1.9	0.72	0.1	0.14	0		0
	Total					0.44	3150.46	cum	1,386
	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)								
	Bottom Slab	1	2	1.04	1	2.08	0		0
	side walls	2	1.04	0	2	4.16	0		0
	Side walls	2	2	1	2	8	0		0
	Total					14.24	332.46	sqm	4,734
	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	47.65	0	0	0	47.65	0		0
	for ohsr columns	8.16	0	0	0	8.16	0		0
	ohsr beams	49.5	0	0	0	49.5	0		0
	ohsr bottom and top slab	23.82	0	0	0	23.82	0		0
	Total					129.13	48.41	Kgs	6,251
	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	14.26	0	0	14.26	0		0
	ohsr to cistern	1	11.6	0	0	11.6	0		0
	Total					25.86	85	rmt	2,198

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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.[FOOTINGS] (Excluding GST)								
	for cistern	1	0.66	1.9	0.4	0.5	0		0
	Total					0.5	6457.34	cum	3,229
	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)								
	cistern bw	1	0.66	0.4	1.9	0.5	0		0
	hand wash	1	4.97	0.1	0.67	0.33	0		0
	Long Walls	2	2	0.23	2	1.84	0		0
	short walls sump	2	1.04	0.23	2	0.96	0		0
	Total					3.63	4898.96	cum	17,783
	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)								
	cistern base	1	1.9	1.06	0	2.01	0		0
	hand wash base	1	4.97	0.7	0	3.48	0		0
	Total					5.49	305.08	sqm	1,675
	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)								
	cistern	1	3.26	1.85	0	6.03	0		0
	cistern	4	0.5	0.5	0	1	0		0
	cistern	4	0.21	0.28	0	0.24	0		0
	hand wash	1	4.97	2.17	0	10.78	0		0
	hand wash	1	2	0.9	0	1.8	0		0
	hand wash	1	0.76	0.9	0	0.68	0		0
	hand wash	1	0.75	0.9	0	0.68	0		0
	hand wash	2	0.45	0.45	0	0.41	0		0

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	Total					21.62	557.82	sqm	12,060
	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	8	0	0	0	8	0		0
	taps in hand wash	10	0	0	0	10	0		0
	Total					18	351.76	Nos	6,332
	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 First Floor] (Excluding GST)								
	ohsr columns	4	0.23	0.23	0.3	0.06	0		0
	Total					0.06	8179.78	cum	491
	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 First Floor] (Excluding GST)								
	long beams ohsr	2	0.23	0.23	2	0.21	0		0
	short beams ohsr	2	0.23	0.23	1.04	0.11	0		0
	Total					0.32	7521.07	cum	2,407
	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)								
	bottom slab	1	2	1.04	0.12	0.24	0		0
	ded manhole	1	0.6	0.6	0.1	-0.04	0		0
	top slab	1	2	1.04	0.1	0.21	0		0
	Total					0.41	7434.26	cum	3,048

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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 115mm thick First Floor] (Excluding GST)								
	bottom slab	1	0	1.04	0.12	0.24	0		0
	ded manhole	1	0.6	0.6	0.12	-0.04	0		0
	top slab	1	2	1.04	0.12	0.24	0		0
	Total					0.44	7548.73	cum	3,321

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<p>(Innovative Aqua Systems Pvt Ltd) Drinking water Supply System Type-I - B) Drinking water system for schools having source water TDS below 400 ppm: Type- I - Supplying and fixing of Drinking water system with the set Design, Drawing and Specifications, Cost includes loading, Transportation, supply, unloading charges etc., Erection, Commissioning, Testing including TDS range of the Purified water at the school premises, and 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., Tank overall dimensions : 645.8mm x 531.4mm x 1576.4mm(with leg) A] Top water tanks: 1) Raw water tank (40 liters capacity) : Clear size : 224mmx475mmx420mm, (2) Pure water tank (60 liters capacity):, Clear size : 336mmx475mmx420mm, Tanks made up of 1.20mm thick SS sheet 304 grade, Openable Top / Upper Lid with strong Hinge and holder made up of 1.20mm thick SS sheet 304 grade, (3) Tank Frame : - The overall Tank frame shall be made with SS tube of size 25 mm x 25 mm x 3 mm thickness with all verticals and horizontals and also stiffeners at bottom of raw water tank & pure water tank including bottom supporting sheet of 3 mm thick., Openable Top cover of 01mm thickness with strong hinge :Top dimension size of tank SS 304 grade (645.8 mm x 531.4mmx50mm), Locking system for Lid: With SS hinges and pad lock for 01mm thick, SS 304 grade Embossing letters on Tank:Nadu - Nedu2020, (B) Sink: 4 Nos. of heavy-duty taps connected to SS pipes from pure water tank to foot pedestal and foot pedestal to taps, 02 nos of taps on front side and 01 tap each on other two sides. There will not be any tap on the back side of tank Sink all three possible sides shall be closed with perforated (05mm dia. holes) SS 304 grade sheet of 1.0 mm thick, Taps shall be fixed at height of 380mm from bottom sink., Sink bottom shall be made with two layers i.e., one shall be fixed and another one is open able for easy maintenance., Tank Rear side door: , Back Door shall be provided in single sheet 304 grade sheet of 1.20mm thickness to the full height of tank with required stiffeners, hinges and locking arrangements., (D) Electrical Input, Electrical input with Lock & Key/Socket and pin type joint. No wires, pipes shall be allowed to hang on to this unit. A separate electrical cord connecting water tank unit with wall mount electrical board., (E) Inlet & Outlet Pipes: Inlet water couple point shall be made to connect from outer source as couple end joint type as to easily removable mode or any other detachable mode (F) Water Treatment unit with UV System (with all necessary connections) shall Fitted in a cabin of the unit. Provision to add filters in future as per requirement to reduce the turbidity TDS to make it potable., UV system with 100 LPH, Micron filter-01. DC Pump - 12 - 24W and booster pump Socket - 01 No., Battery-12V-7ah-optimum rating., One TDS meter., The entire tank should be covered with SS sheet of 1.0 mm thick of 304 grade, all-round 03 sides of tank unit including off-sets etc., and the Back door shall be made up of 1.20mm thick SS 304 grade complete with stiffeners of 12mm x 12mm x 1.5mm thickness. Top and Back panel shall be openable with locking system. SS 304 grade sheets shall be of approved brands, 4 Nos. of 150mm height legs should be provided., Pedal push heavy duty taps shall be provided etc., complete. (Including GST)</p>									
	PURIFIER	1	0	0	0	1	0		0
	Total					1	68400	Nos	68,400
<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.[Brick masonry in CM (1:8) in First Floor] (Excluding GST)</p>									
	ohsr long walls	2	2	0.23	1.8	1.66	0		0
	ohsr side walls	2	1.04	0.23	1.8	0.86	0		0
	Total					2.52	5507.87	cum	13,880

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	Plastering with CM 2 coats, 20mm thick, base coat in CM (1:6), 16mm thick and top coat in CM (1:4), 4mm thick with Dubara sponze finishing including cost and conveyance of all materials and all labour charges etc., complete for walls.[Plastering with CM 2 coats, 20mm thick, base coat in CM (1:6), 16mm thick and top coat in CM (1:4), 4mm thick with Dubara sponze finishing in First Floor] (Excluding GST)								
	ohsr inside	2	1.54	1.8	0	5.54	0		0
	ohsr inside	2	1.04	1.8	0	3.74	0		0
	ohsr outer	2	2	1.8	0	7.2	0		0
	ohsrouter	2	1.5	1.8	0	5.4	0		0
	Total					21.88	342.15	sqm	7,486
	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)								
	cistern	1	2	1	0	2	0		0
	Total					2	466.91	sqm	934
	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)								
	cistern	1	16	0	0	16	0		0
	Total					16	428.4	rmt	6,854
	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	11522.07	PERCENT AGE	11,522

Work Code : 201920032558

Name of the Work : Major and Minor Repairs

Administrative Sanction No : Proc.No2823005661/MBNN/2020
-2021

Technical Sanctioned : 98
No

Estimate Amount (in Rs.) : 4,73,335/-

Work MBook Amount : 4,45,494/-
(in Rs.)

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Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		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 [Reinforced cement concrete] (Excluding GST)								
	room 1	1	8.6	6.5	0.05	2.79	0		0
	room 2	1	8.5	6.5	0.05	2.76	0		0
	Total					5.55	2271.9	cum	12,609
	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 at entrance	2	1.2	1.2	0.6	1.73	0		0
	Total					1.73	152.88	cum	264
	Plastering with CM(1:4) Prop: 12mm thick in single coat including cost and conveyance of all materials like cement, sand, water etc., to site, including seigniorage charges, sales & other taxes on all materials, all operational, incidental charges and labour charges such as mixing mortar, finishing, curing, etc., complete for finished item of work Over Brick Masonry. (APSS 901,906) (Excluding GST)								
	ded door kitchen	1	0.75	2.1	0	-1.58	0		0
	deducting grill window	1	1.1	0	0.8	0.88	0		0
	door deduction	2	0.9	0.86	0	1.55	0		0
	flag post	1	0.3	1.2	0	0.36	0		0
	goddess base	1	0.7	0	0.73	0.51	0		0
	goddess base	1	0.7	0.53	0	0.37	0		0
	kitchen	1	3.04	2.3	0	6.99	0		0
	kitchen	1	2.45	2.3	0	5.63	0		0
	kitchen	2	2	0.47	0	1.88	0		0
	kitchen inner	1	1.97	0.5	0	0.98	0		0
	kitchen inner	1	2.98	2.3	0	6.85	0		0
	over sunshade bw	1	6.84	0.6	0	4.1	0		0
	paver blocks	2	9	0.39	0	7.02	0		0
	paver blocks	1	3.77	0.39	0	1.47	0		0

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	paver blocks	1	3	0.39	0	1.17	0		0
	paver blocks	1	4.88	0.39	0	1.9	0		0
	paver blocks	1	6.28	0.39	0	2.45	0		0
	paver blocks	1	3.6	0.39	0	1.4	0		0
	room 1 border	2	6.84	0.8	0	10.94	0		0
	room 1 border	2	8.6	0.8	0	13.76	0		0
	room 1 bw	1	4.87	1.89	0	9.2	0		0
	room 1 bw	2	0.5	1.5	0	1.5	0		0
	room 2 bw	4	2.9	0.93	0	10.79	0		0
	room 2 bw	4	0.8	0.93	0	2.98	0		0
	stage	2	2.96	0.6	0	3.55	0		0
	stage	1	4.34	0.6	0	2.64	0		0
	steps of stage	2	1.4	0.6	0	1.68	0		0
	steps of stage	2	1.4	0.6	0	1.68	0		0
	Total					102.65	230.62	sqm	23,673
	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)								
	bw over sunshade room 1	1	6.84	0.23	0.6	0.94	0		0
	ded kitchen door	1	0.75	0.23	2.1	-0.36	0		0
	ded store ventilator	1	0.6	0.23	0.4	-0.06	0		0
	ded store room door	1	0.6	0.23	1.8	-0.25	0		0
	kitchen	1	3	0.23	2.3	1.59	0		0
	kitchen	1	1.96	0.23	2.3	1.04	0		0
	kitchen	1	2	0.23	0.47	0.22	0		0
	room 1	1	4.82	0.1	0.8	0.39	0		0
	room 1	1	0.5	0.1	0.8	0.04	0		0
	room 1 border	2	6.6	0.23	0.3	0.91	0		0
	room 1 border	2	8.6	0.23	0.3	1.19	0		0
	room 2	2	0.8	0.1	0.9	0.14	0		0
	room 2	1	0.6	0.1	0.9	0.05	0		0
	room 2	1	2.97	0.1	0.9	0.27	0		0
	store room	2	1.46	0.23	2.35	1.58	0		0
	store room	1	5.43	0.23	1.1	1.37	0		0

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	Total					9.06	5241.44	cum	47,487
	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)								
	flag post	1	0.6	0.5	0.3	0.09	0		0
	for stage	2	2.96	0.23	0.6	0.82	0		0
	for stage	1	4.34	0.23	0.6	0.6	0		0
	goddess base	1	0.7	0.1	0.87	0.06	0		0
	goddessbase	1	0.7	0.5	0.5	0.17	0		0
	paver block	1	3	0.23	0.1	0.07	0		0
	paver blocks	1	4.88	0.23	0.1	0.11	0		0
	paver blocks	1	6.28	0.23	0.1	0.14	0		0
	paver blocks	1	3.6	0.23	0.1	0.08	0		0
	paver blocks	2	9	0.23	0.1	0.41	0		0
	paver blocks	1	3.77	0.23	0.1	0.09	0		0
	steps of stage	2	1.4	0.23	0.6	0.39	0		0
	steps of stage	2	1.4	0.23	0.6	0.39	0		0
	Total					3.42	4898.96	cum	16,754
	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)								
	forentrance columns	29.22	0	0	0	29.22	0		0
	Kitchen Shed-10mm HYSD bars	61.41	0	0	0	61.41	0		0
	Total					90.63	48.41	Kgs	4,387
	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)								
	entrance columns	2	0.33	0.33	1.85	0.4	0		0
	Total					0.4	7966.34	cum	3,187

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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 100mm thick] (Excluding GST)									
kitchen slab	1	3.42	2.46	0.1	0.84	0			0
Total					0.84	7868.61	cum		6,610
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	8.82	7.01	1	61.83	0			0
room 2	1	8.15	6.15	0	50.12	0			0
Total					111.95	332.46	sqm		37,219
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)									
kitchen and store room doors and ventilators	150	0	0	0	150	0			0
Total					150	70.08	Kgs		10,512
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)									
hall of room 1	1	2.82	6.3	0	17.77	0			0
over stage	1	2.8	4.22	0	11.82	0			0
room 1	1	6.05	4.8	0	29.04	0			0
skirting in hall of room 1	1	10.92	0.1	0	1.09	0			0
skirting in room 1	1	20.68	0.1	0	2.07	0			0
Total					61.79	1994.64	sqm		1,23,249

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	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)							
	before room 1	1	3.2	7.8	0	24.96	0	0
	kitchen	1	2.82	1.9	0	5.36	0	0
	kitchen skirting	1	8.99	0.1	0	0.9	0	0
	skirting	2	14.6	0	0.1	2.92	0	0
	Total					34.14	715.18 sqm	24,416
	Proviging 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 inculing grooves, thread lining as cost and coveyance of all materials to site including seigniorage 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)							
	COLUMNS AT ENTRANCE	2	1.2	0.1	0	0.24	0	0
	STAGE BOTTOM	2	2.96	0.3	0	1.78	0	0
	STAGE BOTTOM	1	4.4	0.3	0	1.32	0	0
	Total					3.34	555.9 sqm	1,857
	Dadooing 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)							
	door deduction	2	0.9	0.87	0	1.57	0	0
	room 1	1	4.82	0	0.8	3.86	0	0
	room 1	1	0.5	0	0.8	0.4	0	0
	room 2	1	2.97	0.93	0	2.76	0	0
	room 2	2	0.8	0.93	0	1.49	0	0
	room 2	1	0.6	0.93	0	0.56	0	0
	Total					10.64	557.82 sqm	5,935

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	Flooring with precast concrete blocks for paving of M-40 grade and thickness not less than 80 mm for Non-traffic areas conforming to IS 15658:2006 only after it is properly cured, cleaned, moistened and where necessary treated with neat grey cement slurry of honey like consistency spread at 3.3 kgs of cement for 1 sqm. and jointed with neat cement paste to full depth, including cost and conveyance of all materials like cement, sand, water, flooring stones etc. to site, seigniorage charges, sales and other taxes on all materials, all operational, incidental and labour charges such as dressing of flooring stones to the required sizes, mixing of cement mortar, laying, jointing, curing, lift charges etc., complete for finished item of work. (Excluding GST)								
	paver blocks	1	9	1	0	9	0		0
	paver blocks	1	9	1	0	9	0		0
	paver blocks	1	3.77	1	0	3.77	0		0
	paver blocks	1	3	1	0	3	0		0
	paver blocks	1	4.88	6.28	0	30.65	0		0
	paver blocks	1	3.6	2	0	7.2	0		0
	paver blocks	1	2.45	2	0	4.9	0		0
	Total					67.52	772.85	sqm	52,183
	Writing of Name board with Synthetic Enamel paint of 1st quality including primary coat and back ground of painting with one coat white synthetic enamel paint, Writing letters in Telugu/English etc., Complete for finish item of work (Excluding GST)								
	school name	1	0	0	0	1	0		0
	Total					1	10000	Nos	10,000
	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	1	2.5	3.9	0.5	4.88	0		0
	school side	1	5.5	1.6	0.5	4.4	0		0
	Total					9.28	378.5	cum	3,512
	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 polyester painting. Thickness (top) 18-20 microns, (bottom) 5-7 microns 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)								
	over stage	1	2.86	4.4	0	12.58	0		0
	over store room	1	1.46	5.5	0	8.03	0		0
	Total					20.61	466.91	sqm	9,623

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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)								
	over stage and in store room	1	10	0	0	10	0		0
	Total					10	428.4	rmt	4,284
	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	47731.48	PERCENT AGE	47,731

Work Code	: 201920032835	Name of the Work	: Paintings to School
Administrative Sanction No	: Proc.No2823005661/MBNN/2020-2021	Technical Sanctioned	: 98
Estimate Amount (in Rs.)	: 1,00,471/-	Work MBook Amount	: 76,751/-
			(in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Painting to New walls with two coats of acrylic emulsion paint weather proof waterbased, modified acrylic with silicon additives exterior 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 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 EXTERNAL (Excluding GST)								
	compound wall	0	0	0	0	0	0		0
	Total					0	219.04	sqm	0

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Painting to walls with Two coats of acrylic emulsion paint with silicon additives having VOC less than 50 grams/ liter of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work as per SS911 for internal walls in Ground Floor. (Excluding GST)								
internal	1	200.94	1	0	200.94	0		0
Total					200.94	87.03	sqm	17,488
Painting to walls with Two coats of acrylic emulsion paint weather proof water-based with silicon additives having VOC less than 50 grams/ liter of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work as per SS911 for external walls in Ground Floor. (Excluding GST)								
external walls	1	421.43	0	1	421.43	0		0
Total					421.43	85.02	sqm	35,830
Grills and Gates (iron Doors, Windows, Gates, Grills etc.) with primary coat of Red oxide : - 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 (Excluding GST)								
IRON DOORS AND WINDOWS	1	71.92	1	0	71.92	0		0
Total					71.92	90.01	Sqm	6,474
(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)								
CEILING	1	112.43	1	0	112.43	0		0
Total					112.43	87.03	Sqm	9,785
Provision for GST @ 12.00%								
Provision for GST	1	0	0	0	1	0		0

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	Total					1	7174.96	PERCENT AGE	7,175
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Work Code : 202021007622 **Name of the Work** : Green Chalk Boards
Administrative Sanction No : Proc.No2823005661/MBNN/2020 **Technical Sanctioned** : /21-22
-2021 **No**
Estimate Amount (in Rs.) : 41,237/- **Work MBook Amount** : 41,196/-
(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	4	0	0	0	4	0		0
	Total					4	10299	Nos	41,196

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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