

మన బడి నాడు-నేడు

Measurement Book No : 28236001202001

District Name	:	CHITTOOR
Mandal Name	:	PEDDAPANJANI
Village Name	:	CHALAMANGALA M
Name of the Executing Agency	:	Panchayat Raj
Name of School	:	MPUPS CHINNEPALLE
U-Dise Code	:	28236001202
Technical Sanctioned Amount	:	3096258
Admin Sanctioned Amount	:	3096258
Total Expenditure	:	2528391

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Abstract

U-Dise Code : 28236001202
Technical Sanctioned Amount : 3096258
Admin Sanctioned Amount : 3096258
Total Expenditure : 2528391
MBook Number : 28236001202001

Work Code	Work type name	Estimated Cost	Value of work done
201920001466	English Labs	40000	41439
201920030790	Green Chalk Board	123712	123588
201920030965	Furniture for Students and Staff	314412	204653
201920033549	Drinking Water Supply	234518	308117
201920036921	Providing Electrification with Fans and Tube Lights	187880	110026
201920044082	Major and Minor Repairs	1086028	1079286
201920044216	Paintings to School	451981	197365
201920044370	Construction of Toilet with Running Water	708259	463918
	Total	3146790	2528391

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 : 201920001466 **Name of the Work** : English Labs
Administrative Sanction No : Proc.No2823021443/MBNN/2020-2021 **Technical Sanctioned** : 114 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 : 201920030790 **Name of the Work** : Green Chalk Board
Administrative Sanction No : Proc.No2823021443/MBNN/2020-2021 **Technical Sanctioned** : /21-22 No
Estimate Amount (in Rs.) : 1,23,712/- **Work MBook Amount** : 1,23,588/- (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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(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)									
	prince board india	12	0	0	0	12	0		0
	Total					12	10299	Nos	1,23,588

Work Code	: 201920030965	Name of the Work	: Furniture for Students and Staff
Administrative Sanction No	: Proc.No2823021443/MBNN/2020-2021	Technical Sanctioned	: /21-22 No
Estimate Amount (in Rs.)	: 3,14,412/-	Work MBook Amount	: 2,04,653/- (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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Providing supplying and placing dual desk in class. The overall dimensions of desk will be W 1066mm x D 930mm x H 760/452mm having the following specifications. Side frame structure: Made of prime quality CRCA pressed from section 165mm x 25mm x 1mm thick welded to 25mm x 50mm x 1.2mm thick CRCA tube 890mm length. Seat and back side frame structure also made of prime quality CRCA pressed also made of prime quality CRCA pressed from section 165mm x 25mm x 1mm thick welded to 25.4mm diameter x 1.2mm thick all 8 nos. horizontal supports are 25mm x 25mm x 1.2mm thick shall be of CRCA tube 4 nos CRC tube size 20 x 20 x 1 mm thick insert for full height in Big pillar. Ractangular tube 50 x 25 x 1.2mm thick should be closed with PPCP cap both sides and pipe dia. 25.4 x 1.2mm thick should be closed with metal (Back Side) and other side (Under the seat) PPCP cap. Front panel cum tray shall be made of prime quality 0.8mm thick CRCA sheet of H 150mm x W 1012mm x D 300mm with middle partition and side stiffers of MS CRCA tube size 19mm x 19mm x 1mm thick. One vertical support (partition) of square tube size 25mm square x 1.2 mm thick must be provided at center of tray and front face must be embossed as per drawing. Additional front panel prime quality 0.8mm thick CRCA sheet size H 150mm x W 1012mm x D 21mm with square perforation. CRCA tube size 19 x 19 x 1mm thick to be inserted for full length at bottom of jali. Desktop, seat and back shall be made of IS:303, 18mm thick plywood of MR grade OSL (one side laminated and one side balancing) and three edges must be sealed with 2mm thick PVC edge banding tape with hot melt glue standard D4499 jowatherm -280 on through feed edge banding machine. Edge band must be trimmed on edges and corner. Sizes are below : 1. seat W 1066 mm x D 300mm 2. Desktop W 1008mm x D 380mm 3. Back 1066mm x D150 mm 4. One long edge of Desk top, seat and back shall be post formed with round edge. Hook made of MS wire dia. 5mm and size W 23mm, D 32mm and H80mm must be provided on inner side of vertical pressed formaed steel section on both sides All MS, CRCA parts must be MIG, TIG or spot welded as per technical requirement All stell components must be powder coated in satin finish with pretreatment process. (Excluding GST)									
Dual desks for students	0	0	0	0	0	0			0
Total					0	6930	Nos		0
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 (rea??rmed 2013)(Fifth Revision)Amdt. no.1 Sheet thickness of door in 0.8 mm (minimum) (Excluding GST)									
Almairahs	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 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	0	0	0	0	0	0			0
Total					0	1050	Nos		0
(Zenith Metaplast Pvt Ltd) Dual Desk Type-II (Class III to V) Supply & Placing Dual desk for class III to V ; TYPE-II (A) (Color Parrot Green, 251 of Greenlam or Equivqlent or any other colours decided by the Govt.) The overall									

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dimensions of desk will be W 1066mm x D 930mm x H 688 (for table top). The seating bench height shall be 423 mm. The desk shall be manufactured as per the specifications mentioned below: - (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. The desk shall be Green guard certified for low chemical emission of VOCs (Voltage Organic Compounds) and carcinogens, contributing to a healthier room environment. Valid certificate to be submitted along with the bid. Make of Plywood : Merino / Greenply / Century / Kitply. Make of Laminate & balancer : Marino / Greenlam / ASIS / Century. (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. Make for CRCA sheet – ESSAR / TATA / SAIL / JINDAL. Proposed desk should be ROHS certified from INTERTEK / UL. Valid certificate to be submitted along with the bid. (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. Raw materials of MS tubes shall be from ESSAR / TATA / SAIL / JINDAL. (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. Technical details of seat and back rest are mentioned below: (8) 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. (9) 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. (10) Leg space between top and seat shall be 125mm. (11) 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. Powder coating shall be tested and certified on following parameters from NABL Accredited/ Government Laboratory, Valid certificates / test reports to be submitted along with the bid. item shall carry a warranty period of 5 (Five) years from the date of supply (Including GST)

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	Dual Desks	30	0	0	0	30	0		0
	Total					30	6821.78	Nos	2,04,653

Work Code : 201920033549 **Name of the Work** : Drinking Water Supply
Administrative Sanction No : Proc.No2823021443/MBNN/2020-2021 **Technical Sanctioned** : /21-22
Estimate Amount (in Rs.) : 2,34,518/- **Work MBook Amount** : 3,08,117/-
(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 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)								
	Hand Wash Columns Earth Work	3	0.6	0.6	0.45	0.49	0		0
	Total					0.49	267.54	cum	131
	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)								
	PCC For Column Footing	3	0.6	0.6	0.15	0.16	0		0
	pcc for hanwash platform	1	5.4	3.25	0.1	1.76	0		0
	Total					1.92	3262.29	cum	6,264
	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)								
	Deduction Of ManHole	1	0.6	0.6	0.09	-0.03	0		0
	hand wash slab	1	3.05	1.2	0.07	0.26	0		0

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	OHSR Bottom Slab	1	3.5	3.8	0.09	1.2	0		0
	OHSR Top Slab	1	3.6	3.85	0.09	1.25	0		0
	Total					2.68	7314.43	cum	19,603
	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)								
	OHSR Top Slab	0	0	0	0	0	0		0
	Total					0	336.74	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)								
	For Handwash Platform	125	0	0	0	125	0		0
	For OHSR	500	0	0	0	500	0		0
	Total					625	48.41	Kgs	30,256
	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[15.90 mm dia CPVC SDR 13.50]. (Excluding GST)								
	pipe lenth	0	0	0	0	0	0		0
	Total					0	53	rmt	0
	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)								
	Old Toilet To Handwash	1	30	0	0	30	0		0
	Sump to OHSR	1	23	0	0	23	0		0
	Total					53	85	rmt	4,505
	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 Masonry Upto GL	3	0.6	0.6	0.3	0.32	0		0
	Total					0.32	4795.82	cum	1,535
	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)								

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	oshr tank	0	0	0	0	0	0		0
	Total					0	307.99	sqm	0
	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)								
	Hand wash Columns	3	1.5	0	0.48	2.16	0		0
	Hand Wash Middle Wall	1	3.05	0	1.45	4.42	0		0
	Hand Wash Short Wall	2	1.2	0	0.34	0.82	0		0
	Handwash Side Long Wall	1	3.05	0	0.34	1.04	0		0
	Middle Wall Sides	2	0.23	0	0.6	0.28	0		0
	Total					8.72	560.12	sqm	4,884
	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)								
	OHSR Long Beams	2	3.2	0.23	0.13	0.19	0		0
	OHSR Short Beams	2	2.98	0.23	0.13	0.18	0		0
	Total					0.37	7632.9	cum	2,824
	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)								
	OHSR Top slab	1	3.6	3.85	0	13.86	0		0
	Total					13.86	362.67	sqm	5,027

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	<p>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 : 643.8mmx529.4mmx 1612.2mm (including top cover and leg). Raw water tank (40 liters capacity) : Outer size : 226.4 mm x 477.4 mm x 421.2mm. Pure water tank (60 liters capacity): Outer size : 338.4 mmx 477.4 mm x 421.2mm mm. Tank Frame : The overall Tank frame shall be made with stainless steel tube of size 25 mm x 25 mm x 1.6 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 (643.8 mm x 529.4mmx37mm). Sink: 4 Nos. of heavy-duty taps connected to stainless steel flexible pipes from pure water tank to foot pedestal and foot pedestal to taps. Taps shall be fixed at height of 380mm from bottom sink. Water Treatment unit with UV System (with all necessary connections) : UV system with 100 LPH (Make: ALFA / Sukruth / Nexus); Dual Media Filter; (Mud) Micron filter-01. (Make: MMP / Pratham Ionflow/Global absorbent); DC Pump - 12 - 24W; booster pump 0.5 hp; Socket - 01 No; Battery-12V-7ah [one(01)- in number with all CHARGEABLE ACEESSORIES; optimum rating. One TDS meter. The entire tank should be covered with stainless steel 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. 4 Nos. of 150mm height legs should be provided. Pedal push heavy duty taps shall be provided; All the pipes used are SS 304 Except the Drain pipe from dispenser , which can be UPVC of 40mm dia. (Excluding GST)</p>								
	ro plant	0	0	0	0	0	0		0
	Total					0	65373	Nos	0

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<p>(Livpure Pvt Ltd) Drinking water Supply System Type-III - B) DRINKING WATER SYSTEM FOR SCHOOLS HAVING SOURCE WATER TDS BELOW 400 PPM : TYPE- III - Supplying and fixing of Drinking water system with the specifications detailed and the Cost includes manufacturer, 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. [1] Raw water tank: Dimensions: (as shown in figure) Capacity : 500Liters, Dia.of tank : 765mm, Height : 1050mm, Diameter of Lid :500 mm (dia.), Embossing letters on Tank: Nadu -Nedu2020 (B)Specifications : The entire Tank and Lid shall be made with SS sheet of 304 grade (1.20mm) (C) Stand - Height: 550 mm, Ring of diameter 768mm made with SS tube of size 25mm x 25mm x 1.6mm thick of approved brand made of SS tube of size 25mm x 25mm x 1.6mm, thick of approved brand Water Treatment unit with Ultra Violet System, Vessel / dual media of 255.00 mm dia. and 1370.00 mm height (i.e., 10 x 54) – make Pentair, Jumbo filter housing with 5/10 micron –make PRATAM/MM, UV system with 1000 LPH capacity with SS body 500 mm height – Mud filter-1. All the above shall be mounted in SS framed stand (compact skid mounted) equipment made with 40mm size square SS pipe of 304 grade and fitted with SS pipe lines (SS 304 grade) with necessary fittings, with 5 years warranty, Mud Filter : MMP / Pratham with 5 years warranty, Dual MediaFilter, Centrifugal pump 0.5 HP (Make-CRI / Lubi / Leo) with 5 years warranty, Pressure gauge, TDS meter, Booster pump 0.5 hp with 5 years warranty, Socket - 01No., Battery-12V-7ah [ONE(01) in number along with all Charging accessories] OR optimum rating., Treated Water Tank: [A]Dimension: (As shown in figure), Capacity: 300 Liters, Shell diameter : 765mm, Height of shell: 650mm, Diameter of : 500 mm Lid (Top opening) Locking system :with Heavy stainless Top Lid(Tank Opening)steel Hinge and padlock, Embossing letters on Tank: Nadu -Nedu2020 (B)Specifications :Tank with Lid shall be made with SS sheet of 304 grade with 1.20mm thickness and the SS sheet shall be Jindal / Salem SAIL; with locking system as shown infigure., (C)Stand: Height ofstand : 1310mm, Stand shall be made with SS 304 grade tube of size 25mm x 25mm x 1.6mm thickness for the top in circular shape and SS tube 304 grade of size 25mm x 25mm x 1.6mm thickness 4 Nos. for legs of height 1310 mm and for stiffeners at middle and bottom as shown in figure (SS 304 grade Pipe shall be of approved brand viz., Jindal / TATA / Salem SAIL / VizagSteel), Outlet pipe made with SS pipe of diameter 40.0mm (1½) and inlet pipe made with SS pipe of diameter 25.40 mm (1) of approved brand SS drain pipe of diameter 40mm(1½), shall be provided with functional valve., [4] Water Dispenser(Size 3000mm x 450mm x1200mm): [SSSink], Government High Schools, SS Water Dispenser of size 3000mm x 450mm x 1200mm as shown in figure made with SS sheet of 1.0mm thick 304 grade and sink of size 245mm x 150mm x 430mm including 8 nos. of taps connected to foot pedestal (Pedal photo as shown in figure) of SS coated Gun metal push or any better quality taps with 40mm (1½) diameter SS connecting pipe up to 3mtrs length with necessary SS clamps at 3 supports and the frame shall be made with 40mm x 40mm x 1.2mm thick size SS grade 304 square tubes and levers at bottom of frame for level adjustment. The equipment shall be made as per drawing shown infigure. (Including GST)</p>									
Drinking Water Supply System Type III	1	0	0	0	1	0			0
Total					1	136703	Nos		1,36,703
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)									
Brick Work On Hand Wash Slab At Middle	1	3.05	0.23	0.5	0.35	0			0

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	Handwash Brick Maonry Above GL	3	0.5	0.25	0.45	0.17	0		0
	Handwash Brickwork Around	2	3.05	0.12	0.07	0.05	0		0
	Handwash Left And Right Side Walls	2	1.2	0.12	0.07	0.02	0		0
	OHSR Columns Brick Work	4	0.28	0.38	0.58	0.25	0		0
	OHSR Long Wall	2	3.2	0.23	1.38	2.03	0		0
	OHSR Short Wall	2	2.98	0.23	1.38	1.89	0		0
	Total					4.76	5138.3	cum	24,458
	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)								
	At Handwash	1	2.8	0.7	0	1.96	0		0
	Deduction Of Handwash Columns	1	0.5	0.25	0	-0.13	0		0
	Handwash Flooring at Bottom	1	5.4	3.25	0	17.55	0		0
	Total					19.38	717.49	sqm	13,905
	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)								
	ms flush	20	0	0	0	20	0		0
	Total					20	434.34	Nos	8,687
	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 for First Floor]. (Excluding GST)								
	Hamdwash side Long Wall	1	3.05	0	0.34	1.04	0		0
	Hand Wash Middle Wall	1	3.05	0	1.45	4.42	0		0
	Hand Wash Short Wall	2	1.2	0	0.34	0.82	0		0
	Handwash Columns	3	1.5	0	0.48	2.16	0		0
	OHSR Columns	4	1.3	0	0.55	2.86	0		0
	OHSR Long walls	2	3.2	0	1.38	8.83	0		0
	OHSR Short Walls	2	2.98	0	1.38	8.22	0		0

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	Total					28.35	340.82	sqm	9,662
	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)								
	hand basin	6	0	0	0	6	0		0
	Total					6	1894	Nos	11,364
	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)								
	OHSR Internal Long Walls	2	2.74	0	1.38	7.56	0		0
	OHSR Internal Short Walls	2	2.5	0	1.38	6.9	0		0
	Total					14.46	109.76	sqm	1,587
	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)								
	wiring	20	0	0	0	20	0		0
	Total					20	417.83	Nos	8,357
	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	18365.8	PERCENT AGE	18,366

Work Code : 201920036921

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

Administrative Sanction No : Proc.No2823021443/MBNN/2020-2021

Technical Sanctioned : /21-22 No

Estimate Amount (in Rs.) : 1,87,880/-

Work MBook Amount : 1,10,026/- (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				
	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	1	15.3	0	0	15.3	0		0
	Total					15.3	66.86	mtr	1,023
	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)								
	pvc pipe	2	95	0	0	190	0		0
	Total					190	71.44	mtr	13,574
	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	110	0	0	110	0		0
	Total					110	64.93	mtr	7,142
	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)								
	wiring	35	0	0	0	35	0		0
	Total					35	611.17	Nos	21,391
	Supply and fixing of 16A 3pin flush type switch socket combined (2 in 1) duly recessed in wall with wooden deep box of 6x8x21/2 size covered with hylam sheet including earth connections and all labour charges etc., complete. (Excluding GST)								
	16a 3pin	20	0	0	0	20	0		0
	Total					20	324.75	Nos	6,495
	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	20	0	0	0	20	0		0
	Total					20	867.5	Nos	17,350
	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)								

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	7.0w led bulb	5	0	0	0	5	0		0
	Total					5	209.75	Nos	1,049
	Supply of 1200mm (48) Sweep 230V, A.C 50 Hz Ceiling Fan with 3 blades and double ball bearings with all standard accseeries. (Excluding GST)								
	ceiling fans	0	0	0	0	0	0		0
	Total					0	2020	Nos	0
	Supply and fixing of 1 Module Modular type Electronic step type Fan Regulator. in the existing switch board. (Excluding GST)								
	Fan Regulator	10	0	0	0	10	0		0
	Total					10	365	Nos	3,650
	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 distribution boards	1	0	0	0	1	0		0
	Total					1	4107.07	Nos	4,107
	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)								
	1.5 hp single phase	1	0	0	0	1	0		0
	Total					1	9600	Nos	9,600
	(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	10	0	0	0	10	0		0
	Total					10	1440	Nos	14,400
	Provision for GST @ 12.00%								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	10245.68	PERCENT AGE	10,246

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Work Code : 201920044082 **Name of the Work** : Major and Minor Repairs
Administrative Sanction No : Proc.No2823021443/MBNN/2020 **Technical Sanctioned** : /21-22
-2021 **No**
Estimate Amount (in Rs.) : 10,86,028/- **Work MBook Amount** : 10,79,286/-
(in Rs.)

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 [Brick masonry] (Excluding GST)								
	class room	1	15	3.3	0.01	0.59	0		0
	Total					0.59	262.08	cum	155
	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 [Kadapa slabs or shahabad stone slabs on sand bed] (Excluding GST)								
	class room	4	6.05	0	1.8	43.56	0		0
	Total					43.56	6.6	Sqm	288
	Dismantling doors , windows and clear storey windows, Ventilators etc., (wood or steel) shutters including Chowkhats , architraves,hold fasts and other attachments etc., and stacking them within 100m lead including labour charge etc., and overheads & contractors profit complete for finished item of work[Not exceeding 3 sqm] (Excluding GST)								
	Windows	9	0	0	0	9	0		0
	Total					9	154.75	Nos	1,393
	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)								
	earth work	3	3.2	0.6	0.6	3.46	0		0
	Old Toilet Compound Wall	1	9.4	0.4	0.3	1.13	0		0

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	Total					4.59	152.88	cum	702
	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)								
	Below Paver Blocks	1	67.9	3.05	0.1	0	0		0
	pcc	3	3.2	0.6	0.1	0.58	0		0
	PCC Around Tree	1	8.38	4.7	0.09	3.54	0		0
	PCC For Kitchen	3	3.2	0.6	0.1	0.58	0		0
	PCC For Old Toilet Compound Wall	1	9.4	0.3	0.1	0.28	0		0
	PCC at Old Toilet	1	9.4	1.3	0.15	1.83	0		0
	Total					6.81	3133.8	cum	21,341
	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)								
	Around tree	1	12	0.4	0.55	2.64	0		0
	rr masonry	3	3.1	0.45	0.45	1.88	0		0
	Total					4.52	3303.03	cum	14,930
	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)								
	Class Room-Long Wall1	3	3.2	0.23	2.8	6.18	0		0
	Deduction of Door	1	1	0.23	2.1	-0.48	0		0
	Deduction of Windows	1	1.5	0.23	1.38	-0.48	0		0
	Kitchen Doors Closing Portion	3	0.6	0.23	1.8	0.75	0		0
	Kitchen Extension Short Wall	1	2.72	0.23	2.1	1.31	0		0
	Kitchen Extension Wall	2	3.1	0.23	2.1	2.99	0		0
	Total					10.27	5138.3	cum	52,770
	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)								
	Deduction of Doors	4	0.6	0.12	0.6	-0.17	0		0
	Deduction Of Ventilator	1	0.4	0.12	0.4	-0.02	0		0

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	Front And Back Ventilator Deduction	6	0.4	0.12	0.4	-0.11	0		0
	Old Toilet Extension of Long Wall	2	6.5	0.12	0.6	0.9	0		0
	Outside Compound Wall	1	9.6	0.12	1.55	1.71	0		0
	Partition Walls	3	1.6	0.12	0.6	0.33	0		0
	Total					2.64	4795.82	cum	12,661
	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)								
	Class Room-10mm HYSD bars	85	0	0	0	85	0		0
	Class Room-12mm HYSD bars	0	0	0	0	0	0		0
	Class Room-8mm HYSD bars	200	0	0	0	200	0		0
	Total					285	48.41	Kgs	13,797
	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)								
	Aat Kitchen	0	0	0	0	0	0		0
	plinth beam	0	0	0	0	0	0		0
	Total					0	8561.17	cum	0
	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)								
	Kitchen Slab	1	3.6	4.18	0.1	1.5	0		0
	Old Toilet Slab	1	6.8	2.25	0.1	1.53	0		0
	Total					3.03	7314.43	cum	22,163

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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 Second Floor] (Excluding GST)								
	kickthen slab	0	0	0	0	0	0		0
	old toilets slab	0	0	0	0	0	0		0
	Total					0	7615.37	cum	0
	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)								
	Columns AAround Plastering	5	1.15	0	2	11.5	0		0
	Compound wall	1	9.6	0	3.1	29.76	0		0
	Deduction Of Doors	4	0.6	0	0.6	-1.44	0		0
	Deduction of Door	1	1	0	2.1	-2.1	0		0
	Deduction of Ventilator	1	0.4	0	0.4	-0.16	0		0
	Deduction of ventilators	6	0.4	0	0.4	-0.96	0		0
	Deduction Of Window	1	1.5	0	1.3	-1.95	0		0
	Door Deduction	2	1	1.95	0	-3.9	0		0
	For Columns	5	1.16	0	2	11.6	0		0
	Front Plastering For Above Columns	2	2.34	0	1	4.68	0		0
	Front Plastering Above Sunshade	1	14.5	0	0.09	1.3	0		0
	Front Plastering Above Sunshade	2	2.9	0	0.09	0.52	0		0
	Front Plastering For Above Columns	1	13.3	0	1	13.3	0		0
	Kitchen Long Walls	2	3.1	0	2.1	13.02	0		0
	Kitchen Short Walls	1	2.73	0	2.1	5.73	0		0
	Old Toilet Long Wall	2	6.5	0	0.6	7.8	0		0
	Partition Wall	3	1.6	0	0.6	2.88	0		0
	Sump Plastering Around	1	12	0	0.55	6.6	0		0

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	Sump Top	1	3.65	2.3	0	8.39	0		0
	Varandah Plastering	1	13.3	0	2	26.6	0		0
	Window Deduction	2	1.5	0	1.3	-3.9	0		0
	Total					129.27	314.56	sqm	40,663
	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 for Second Floor]. (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. (Excluding GST)								
	Kitchen Slab	1	3.6	4.18	0	15.05	0		0
	Old Toilet Slab	1	6.8	2.25	0	15.3	0		0
	Total					30.35	336.74	sqm	10,220
	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 (Excluding GST)								
	impervious class room	1	13.85	8.5	0	117.72	0		0
	Total					117.72	1576.37	sqm	1,85,570
	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)								
	iron doors and windows	800	0	0	0	800	0		0
	Total					800	70.08	Kgs	56,064
	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)								
	class room 1	1	20.4	0	0.1	2.04	0		0
	class room 2	1	20.75	0	0.1	2.08	0		0

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	class room 3	1	21.35	0	0.1	2.14	0		0
	class room 5	1	17.65	0	0.1	1.76	0		0
	class room4	1	21.44	0	0.1	2.14	0		0
	Kitchen room 1	1	10.55	0	0.1	1.06	0		0
	Kitchen room 2	1	9.6	0	0.1	0.96	0		0
	varandah	1	13.35	0	0.1	1.33	0		0
	varandah	5	1.25	0	0.1	0.63	0		0
	Total					14.14	757.27	sqm	10,708
	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)								
	class room	1	5.98	4.72	0	28.23	0		0
	class room 1	1	4.8	6.05	0	29.04	0		0
	class room 2	1	5.65	5.5	0	31.08	0		0
	class room 3	1	5.68	5.54	0	31.47	0		0
	class room4	1	6.34	3	0	19.02	0		0
	coulmn deduction	5	0.3	0.3	0	-0.45	0		0
	varandah	1	13.35	2.34	0	31.24	0		0
	Total					169.63	1896.92	sqm	3,21,775
	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)								
	Old	3	0.1	0.25	0	0.08	0		0
	Old Toilets Flooring	1	2.2	0.8	0	1.76	0		0
	Old Toilets Flooring	1	9.25	1.2	0	11.1	0		0
	Total					12.94	717.49	sqm	9,284

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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	0	0	0	0	0	0	0		0
Total					0	775.18	sqm		0
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 2	1	4.8	6.05	0.15	4.36	0			0
Class Room 3	1	5.65	5.5	0.15	4.66	0			0
Class Room 4	1	5.66	5.54	0.15	4.7	0			0
Class Room 5	1	6.34	3	0.15	2.85	0			0
Classroom 1	1	5.98	4.72	0.15	4.23	0			0
Total					20.8	423.7	cum		8,813
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)									
Deduction of columns	5	0.3	0.3	0.15	0.07	0			0
Deduction Of Tree	1	3.14	0.56	0.1	-0.18	0			0
PCC Connected To Classrom	6	2.2	1.2	0.15	2.38	0			0
PCC For Class Room 5	1	6.34	3	0.15	2.85	0			0
PCC Around Tree	1	8.35	4.7	0.1	3.92	0			0
PCC For Class Room 1	1	5.98	4.72	0.15	4.23	0			0
PCC For Class Room 2	1	4.8	6.05	0.15	4.36	0			0
PCC For Class Room 3	1	5.65	5.5	0.15	4.66	0			0
PCC For Class Room 4	1	5.67	5.54	0.15	4.71	0			0
PCC For Kitchen Room 1	1	3.12	2.65	0.15	1.24	0			0
PCC For Kitchen Room 2	1	2.7	2.6	0.15	1.05	0			0

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	PCC From Gate To Building Ending	1	67.9	3.05	0.1	20.71	0		0
	Varandah	1	13.35	2.35	0.15	4.71	0		0
	Total					54.71	3262.29	cum	1,78,480
	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)								
	Deduction of door	4	0.6	0	0.6	-1.44	0		0
	Deduction of Door	1	1	0	2.1	-2.1	0		0
	Deduction of ventilator	6	0.4	0	0.4	-0.96	0		0
	Deduction of window	1	1.5	0	1.3	-1.95	0		0
	Kitchen Long Wall	2	2.65	0	1.8	9.54	0		0
	Kitchen Short Wall	1	2.25	0	1.8	4.05	0		0
	Old Toilets Internal	2	6.3	0	0.6	7.56	0		0
	Partition Wall	3	1.4	0	0.6	2.52	0		0
	Ventilator Deduction	1	0.4	0	0.4	-0.16	0		0
	Total					17.06	109.76	sqm	1,873
	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	115637.74	PERCENT AGE	1,15,638

Work Code : 201920044216

Name of the Work : Paintings to School

Administrative Sanction No : Proc.No2823021443/MBNN/2020-2021

Technical Sanctioned : /21-22 No

Estimate Amount (in Rs.) : 4,51,981/-

Work MBook Amount : 1,97,364/- (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				

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	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)								
	Verandah dwarf wall - Block1	1	0	0	0	0	0		0
	Total					0	8.78	sqm	0
	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)								
	Verandah Ceiling - Block1	1	664.77	1	1	664.77	0		0
	Total					664.77	87.03	sqm	57,855
	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)								
	painting at extenal walls	0	0	0	0	0	0		0
	Total					0	219.04	sqm	0
	Painting to Iron work with Two coats of ready mixed synthetic enamel paint first quality all shades to give an even shade 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)								
	Doors And Windows	1	109.76	0	1	109.76	0		0
	Grils	1	4.54	0	1	4.54	0		0
	Total					114.3	90.01	sqm	10,288
	(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)								

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	painting for windows and doors	1	59.25	0	1	59.25	0		0
	Total					59.25	96.02	Sqm	5,689
	(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)								
	painting for old walls at internal	1	565.92	0	1	565.92	0		0
	Total					565.92	87.03	Sqm	49,252
	(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 EXTERNAL WALLS. (make: Berger /Asian) Colour code :1. Sand Dollar Beige (Ivory) NN Beige -7P1586 2.Red wood Valley (NN Brown)-ID0543 (Including GST)								
	Compound wall	1	25.28	0	1	25.28	0		0
	paintings at external old walls	1	752.22	0	1	752.22	0		0
	Total					777.5	85.02	Sqm	66,103
	Provision for GST @ 12.00%								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	8177.17	PERCENT AGE	8,177

Work Code : 201920044370

Name of the Work : Construction of Toilet with Running Water

Administrative Sanction No : Proc.No2823021443/MBNN/2020-2021

Technical Sanctioned : /21-22 No

Estimate Amount (in Rs.) : 7,08,259/-

Work MBook Amount : 4,63,918/- (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				
	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)								
	For Long Walls	4	4.25	0.6	0.6	6.12	0		0
	For Short Walls	4	3.15	0.6	0.6	4.54	0		0
	Septic Tank	1	2.4	2.5	2.3	13.8	0		0
	Total					24.46	152.88	cum	3,739
	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)								
	Deduction Of Internal Plinth	4	1.35	0.23	0.23	0.29	0		0
	Deduction Of Long Plinth Beam	6	4.19	0.23	0.23	-1.33	0		0
	Deduction Of Short Plinth Beam	4	3.06	0.23	0.23	-0.65	0		0
	Flooring PCC	2	4.19	3.06	0.15	3.85	0		0
	For Long Walls	4	4.25	0.6	0.1	1.02	0		0
	For Short Walls	4	3.15	0.6	0.1	0.76	0		0
	Septic Tank	1	2.4	2.5	0.1	0.6	0		0
	Total					4.54	3262.29	cum	14,811
	Filling with useful available excavated earth (excluding rock) 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.[Earth filling (Ordinary soil)] (Excluding GST)								
	soil filling	0	4.2	2.43	0.3	0	0		0
	Total					0	29.54	cum	0

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	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)								
	For Long Walls	4	3.7	0.45	0.6	4	0		0
	For Short Walls	4	3.45	0.45	0.6	3.73	0		0
	Septic Tank	1	2.35	0.3	2.15	1.52	0		0
	Total					9.25	3303.03	cum	30,553
	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 masonry	0	0	0	0	0	0		0
	Total					0	4795.82	cum	0
	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)								
	For Long Plinth Beam	6	4.19	0.23	0.23	1.33	0		0
	For Short Plinth Beam	4	3.06	0.23	0.23	0.65	0		0
	Internal Plinth Beam	4	1.35	0.23	0.23	0.29	0		0
	Total					2.27	8561.17	cum	19,434
	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)								
	vrcc slab	2	5.15	4.5	0.12	5.33	0		0
	vrcc slab	1	2.55	2.5	0.09	0.57	0		0
	Total					5.9	7546.08	cum	44,522
	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)								
	Deduction Of Door	6	0.58	0.23	2.04	-1.63	0		0
	Deduction Of Griil Door	2	0.76	0.23	2.12	-0.74	0		0
	Deduction Of Ventilator	2	0.6	0.23	0.6	-0.17	0		0
	Deduction Of Ventilators	3	0.4	0.23	0.4	-0.11	0		0

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	For Long Walls	4	4.19	0.23	2.2	8.48	0		0
	For Short Walls	4	3.06	0.23	2.2	6.19	0		0
	Inner Partition Walls	2	3.63	0.23	2.18	3.64	0		0
	Partition Room Walls	4	1.35	0.12	2.18	1.35	0		0
	Toilet Ramp 2	2	1.35	0.3	0.15	0.12	0		0
	Toilet Ramp1	2	1.35	1.01	0.4	1.09	0		0
	Urinal Partition Wall	6	0.7	0.12	1.08	0.52	0		0
	Total					18.74	5138.3	cum	96,292
	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)								
	Deduction Of Main Door	2	0.76	0	2.1	-3.19	0		0
	Deduction Of Ventilator	2	0.6	0	0.6	-0.72	0		0
	Deduction Of Ventilator	6	0.4	0	0.4	-0.96	0		0
	Long Wall	4	4.19	0	2	33.52	0		0
	Short Walls	4	3.06	0	2	24.48	0		0
	Total					53.13	314.56	sqm	16,713
	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)								
	Deduction Of Internal Doors	6	0.6	0	1.5	-5.4	0		0
	Deduction Of Main Door	2	0.76	0	2.1	-3.19	0		0
	Deduction Of Ventilator	2	0.6	0	0.6	-0.72	0		0
	Deduction Of Ventilator	6	0.4	0	0.4	-0.96	0		0
	Inside Long wall	4	3.74	0	1.8	26.93	0		0
	Inside Short Wall	4	2.6	0	1.8	18.72	0		0
	ventilators	6	0.47	0	0.35	0.99	0		0
	Total					36.37	109.76	sqm	3,992
	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)								
	Deduction Of Waterclosets	6	0.42	0.53	0	-1.34	0		0

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	Door Step	2	0.76	0.25	0	0.38	0		0
	For Toilet	2	3.65	1.38	0	10.07	0		0
	Inside Door Step	6	0.57	0.28	0	0.96	0		0
	Inside Toilet Flooring	6	1.28	1.1	0	8.45	0		0
	Total					18.52	717.49	sqm	13,288
	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)								
	Front Side	2	3.66	0	1.58	11.57	0		0
	Internal Door Deduction	6	0.58	0	1.48	-5.15	0		0
	Internal Door Jambs	12	0.3	0	1.4	5.04	0		0
	Internal Toiler Around	6	4.19	0	1.28	32.18	0		0
	Ramp Landing	0	0	0	0	0	0		0
	Ramp Step	2	0.6	0	1.37	1.64	0		0
	Rampside Dadoing	2	1	0	0.45	0.9	0		0
	Urinal Partition Right Side	2	1.7	0	1.58	5.37	0		0
	Urinal Partitions Left Side	2	3.95	0	1.58	12.48	0		0
	Urinal Wall Sides	12	0.7	0	1.07	8.99	0		0
	Total					73.02	560.12	sqm	40,900
	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)								
	fitting and placing of ms grills and doors windows	500	0	0	0	500	0		0
	Total					500	70.08	Kgs	35,040
	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)								

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	internal deductions	0	0	0	0	0	0		0
	internal walls	0	0	0	0	0	0		0
	Total					0	121.78	sqm	0
	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)								
	external walls	0	0	0	0	0	0		0
	Total					0	219.04	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 Ventilators	0	0	0	0.35	0	0		0
	For Doors (Toilets)	0	0	0	2.1	0	0		0
	For Main Door	0	0	0	2.1	0	0		0
	ventilators outside	0	0	0	0	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	102	0	0	0	102	0		0
	12mm HYSD bars	52	0	0	0	52	0		0
	16mm HYSD bars	10	0	0	0	10	0		0
	8mm HYSD bars	442	0	0	0	442	0		0
	Total					606	48.41	Kgs	29,336
	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)								
	pvc pipe	1	53	0	0	53	0		0
	Total					53	169.13	rmt	8,964

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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[22.20 mm dia CPVC SDR 13.50]. (Excluding GST)								
	hand wash	2	6.6	0	0	13.2	0		0
	Total					13.2	85	rmt	1,122
	Supplying and fixing of European Water Closet of 1st quality confirming to IS: 2556-Part-2-1973 of Hindustan / Neycer or Parryware make white glazed with S trap lying and fixing best Indian make plastic seal and lid for European water closets with rubb, 10 Litres capacity Single Flush white PVC low level flushing system parryware, slimline with internal components and short bend including cost and conveyance of all materials to site, all labour charges, sales and other taxes on all materials etc., complete for finished item of work for all floors. (Excluding GST)								
	EWC	2	0	0	0	2	0		0
	Total					2	2469	Nos	4,938
	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)								
	impervious coat	2	5.15	4.5	0	46.35	0		0
	Total					46.35	362.67	sqm	16,810
	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)								
	Handwash Basin	6	0	0	0	6	0		0
	Total					6	1894	Nos	11,364
	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)								
	pvc pipe	2	12	0	0	24	0		0
	Total					24	66.86	mtr	1,605
	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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	Electrical Points	10	0	0	0	10	0		0
	Total					10	611.17	Nos	6,112
	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	0	0	0	0	0	0		0
	Total					0	434.34	Nos	0
	Labour charges only for fixing European Water Closet with P or S trap as per standard practice (BMW- D.15) (Excluding GST)								
	EWC Labour	2	0	0	0	2	0		0
	Total					2	264	Nos	528
	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. (Excluding GST)								
	orissa pan white glazed WC	4	0	0	0	4	0		0
	Total					4	1004	Nos	4,016
	Labour charges only Fixing Orissa pan W.C with P or S Trap (BMW-D.06) (Excluding GST)								
	Labour charges	4	0	0	0	4	0		0
	Total					4	377	Nos	1,508
	Labour charges only for fixing Indian make Flat 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)								
	Labour	6	0	0	0	6	0		0
	Total					6	319	Nos	1,914
	(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 1st 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)								
	Handwash Basins	6	0	0	0	6	0		0
	Total					6	1253	Nos	7,518
	Differential Cost of Cement (Including GST)								
	Differential Cost of Steel (Including GST)								

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	Provision for GST @ 12.00%								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	48899.95	PERCENT AGE	48,900

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