

మన బడి నాడు-నేడు

Measurement Book No : 28236001001001

District Name	:	CHITTOOR
Mandal Name	:	PEDDAPANJANI
Village Name	:	CHAMANERU
Name of the Executing Agency	:	Panchayat Raj
Name of School	:	MPPS CHAMANERU
U-Dise Code	:	28236001001
Technical Sanctioned Amount	:	1203866
Admin Sanctioned Amount	:	1203866
Total Expenditure	:	1157570

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Abstract

U-Dise Code : 28236001001
Technical Sanctioned Amount : 1203866
Admin Sanctioned Amount : 1203866
Total Expenditure : 1157570
MBook Number : 28236001001001

Work Code	Work type name	Estimated Cost	Value of work done
201920012615	English Labs	40000	41439
201920088819	Green Chalk Board	30928	30897
201920089835	Furniture for Students and Staff	148015	62102
201920090038	Drinking Water Supply	411301	222807
201920092293	Major and Minor Repairs	505551	483263
201920092464	Paintings to School	104366	63228
201920092551	Construction of Toilet with Running Water	208479	197421
201920094222	Providing Electrification with Fans and Tube Lights	85481	56414
	Total	1534121	1157570

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 : 201920012615 **Name of the Work** : English Labs
Administrative Sanction No : Proc.No2823022157/MBNN/2020-2021 **Technical Sanctioned** : 99 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 : 201920088819 **Name of the Work** : Green Chalk Board
Administrative Sanction No : Proc.No2823022157/MBNN/2020-2021 **Technical Sanctioned** : /21-22 No
Estimate Amount (in Rs.) : 30,928/- **Work MBook Amount** : 30,897/- (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)									
Green Chalk Boards	3	0	0	0	3	0			0
Total					3	10299	Nos		30,897

Work Code : 201920090038 **Name of the Work** : Drinking Water Supply
Administrative Sanction No : Proc.No2823022157/MBNN/2020 **Technical Sanctioned** : /21-22
-2021 **No**
Estimate Amount (in Rs.) : 4,11,301/- **Work MBook Amount** : 2,22,807/-
(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				
	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	0	0	0	0	0	0		0
	OHSR bottom slab	1	2	2.2	0.1	0.44	0		0
	Ohsr manhole deduction	1	0.6	0.6	0.1	-0.04	0		0
	Ohsr top slab	1	1.8	2	0.1	0.36	0		0
	Sump	1	3.4	2.8	0.13	1.19	0		0

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	Sump manhole deduction	1	0.6	0.6	0.13	-0.04	0		0
	Total					1.91	7221.24	cum	13,793
	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	292.08	0	0	0	292.08	0		0
	12mm HYSD bars	93	0	0	0	93	0		0
	8mm HYSD bars	17.37	0	0	0	17.37	0		0
	Total					402.45	48.41	Kgs	19,483
	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	58	0	0	58	0		0
	Total					58	85	rmt	4,930
	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[34.90mm OD Pipe - SDR 13.5]. (Excluding GST)								
	From sump to OHSR	1	35	0	0	35	0		0
	Total					35	193	rmt	6,755
	Supply and erecting of 1.00 HP (25 mm x 25 mm) single phase ISI Monoblock CI body motor pump set conforming to IS 9079:2002 approved make centrifugal water pump with impeller, priming funnel cork, companion metallic flanges with bolts and nuts and mounted on a common shaft of high coefficient squirrel cage induction motor totally enclosed and fan cooled tyupe suitable to operate on 230 V single phase 50 HZ , 1440 RPM AC power supply excluding suction/delivery pipe with nuts duly grouted on existing CC foundation and bolts, spring washer of requisitie size for monoblock motor and pump (Excluding GST)								
	Motor	1	0	0	0	1	0		0
	Total					1	8175	Nos	8,175
	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)								

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	Dadooing	2	0.4	0	0.25	0.2	0		0
	Dadooing	1	2.8	0.38	0	1.06	0		0
	Dadooing	1	2.8	0	0.26	0.73	0		0
	Handwash	1	2.4	0.15	0	0.36	0		0
	HAndwash	1	0.6	0.15	0	0.09	0		0
	Handwash	1	2.4	0.38	0	0.91	0		0
	Handwash	1	2.8	0.5	0	1.4	0		0
	Total					4.75	558.09	sqm	2,651
	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	6	0	0	0	6	0		0
	Total					6	351.76	Nos	2,111
	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)								
	Sump	1	4	3.25	3	39	0		0
	Total					39	152.88	cum	5,962
	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)								
	For handwash platform	1	2.8	1	0.15	0.42	0		0
	For sump	1	3.7	3	0.15	1.67	0		0
	Total					2.09	3040.6	cum	6,355
	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)								
	For OHSR	0	0	0	1.37	0	0		0
	Total					0	219.04	sqm	0

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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)									
RO	1	0	0	0	1	0			0
Total					1	65373	Nos		65,373
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)									
Below bottom slab	1	3.8	0.45	0.55	0.94	0			0
Brick work above bottom slab	0	0	0	1.25	0	0			0
For Hand wash	0	0	0	0	0	0			0
For hand wash	0	0	0	0	0	0			0
For hand wash	1	2.8	0.6	0.7	1.18	0			0
For hand wash	2	2.8	0.38	0.25	0.53	0			0
For OHSR Columns	0	0	0	0.55	0	0			0
For sump	0	0	0	2.5	0	0			0
For sump	2	3.4	0.23	2	3.13	0			0
For sump	2	2.5	0.23	2	2.3	0			0
Ohsr	2	1.8	0.23	1.25	1.04	0			0
Ohsr	2	2	0.23	1.25	1.15	0			0

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	Total					10.27	5246.01	cum	53,877
	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)								
	Hand wash	1	2.8	0	0.25	0.7	0		0
	Handwash	1	2.8	0	0.7	1.96	0		0
	OHSR Brick columns plastering	5	1.6	0	0.55	4.4	0		0
	OHSR plastering	1	7.7	0	1.37	10.55	0		0
	Total					17.61	310.8	sqm	5,473
	Supply & Fixing of 22 dia RCC Cover for manhole with nominal reinforcement 3 thick with hooks for lifting including cost and conveyance of all materials, labour charges etc., complete for finished tiem of work (Excluding GST)								
	For Sump	0	0	0	0	0	0		0
	Total					0	633	Nos	0
	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)								
	For OHSR	2	1.8	0	1.25	4.5	0		0
	For ohsr	2	2	0	1.25	5	0		0
	For sump	2	2.5	0	2.4	12	0		0
	For Sump	2	3.3	0	2.4	15.84	0		0
	Total					37.34	107.07	sqm	3,998
	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	23872.14	PERCENT AGE	23,872

Work Code : 201920092293

Name of the Work : Major and Minor Repairs

Administrative Sanction No : Proc.No2823022157/MBNN/2020
-2021

Technical Sanctioned : /21-22
No

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Estimate Amount (in Rs.)

: 5,05,551/-

Work MBook Amount : 4,83,263/-

(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 [Kadapa slabs or shahabad stone slabs on sand bed] (Excluding GST)								
	Old room	1	3.7	9.3	0	34.41	0		0
	Total					34.41	6.6	Sqm	227
	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 [Unreinforced cement concrete up to 15cm thickness] (Excluding GST)								
	Old classroom roof slab	1	10.9	5.4	0.05	2.94	0		0
	Total					2.94	1024.8	cum	3,013
	Dismantling, clearing away and carefully stacking useful materials for re-use and disposal of unserviceable materials with 100m lead as directed by Executive Engineer duly taking actual premeasurements before dismantling including all labour charges , overheads & contractor profit etc., complete [Old cement mortar plaster] (Excluding GST)								
	Old classroom front side outer plastering removal	1	10	0	3.2	32	0		0
	Total					32	5.5	Sqm	176
	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)								
	Removing old doors	1	0	0	0	1	0		0
	Removing old windows	4	0	0	0	4	0		0
	Total					5	154.75	Nos	774
	Rectification of cracks in plastering using fosroc materials including the cost of groove cutting along the crack, neat cleaning, applying SBR fosroc liquid along the groove and applying two coats of P.S. powder fosroc compound as crack filler including cost and conveyance of all materials and labour charges etc., complete (Excluding GST)								
	New classroom	0	0	0	0	0	0		0

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	Old classroom	0	0	0	0	0	0		0
	Total					0	38	rmt	0
	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)								
	Stage	1	4	0.6	0.6	1.44	0		0
	Stage	2	2.5	0.6	0.6	1.8	0		0
	Total					3.24	152.88	cum	495
	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)								
	For Flooring	1	9.27	3.7	0.15	5.14	0		0
	Stage	1	4	0.6	0.15	0.36	0		0
	Stage	2	2.5	0.6	0.15	0.45	0		0
	Stage flooring	1	3.65	3.05	0.15	1.67	0		0
	Total					7.62	3040.6	cum	23,169
	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)								
	Stage	1	3.65	0.45	1	1.64	0		0
	Stage	1	2.5	0.45	1	1.13	0		0
	Total					2.77	3337.16	cum	9,244
	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)								
	Stage steps	3	1.2	0.4	0.15	0.22	0		0
	Total					0.22	5246.01	cum	1,154
	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	135	0	0	0	135	0		0
	Class Room-8mm HYSD bars	15.37	0	0	0	15.37	0		0
	Total					150.37	48.41	Kgs	7,279

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	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[RCC SLABS 125mm thick] (Excluding GST)								
	For Kitchen slab	1	4.3	4.3	0.13	2.31	0		0
	Total					2.31	7221.24	cum	16,681
	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	10.9	5.35	1	58.31	0		0
	Class Room-Slab2	1	8.15	6.3	1	51.34	0		0
	Total					109.65	332.97	sqm	36,510
	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)								
	Class Room-Slab1	1	10.9	5.35	1	58.31	0		0
	New classroom	1	8.15	6.3	0	51.34	0		0
	Total					109.65	1555.89	sqm	1,70,603
	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)								
	Grills	0	0	0	0	0	0		0
	Iron doors and window	300	0	0	0	300	0		0
	Total					300	70.08	Kgs	21,024
	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)								

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	Skirting	1	24.8	0	0.1	2.48	0		0
	Total					2.48	755.23	sqm	1,873
	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)								
	Flooring	1	9.23	3.7	0	34.41	0		0
	Total					34.41	1995.1	sqm	68,651
	RCM facia 50mm thick in CM(1:3) for drop walls, fins with rabbit wire mesh & nominal reinforcement as directed by Engineer-in-charge with dubara sponge finishing, including cost and conveyance of all materials to site, operational & incidental, cost and conveyance of cement, wire mesh, water to work site, centering, scaffolding and form work, lift charges etc., complete for finished item of work but excluding cost of steel and its fabrication charges for finished item of work (Excluding GST)								
	For new classroom	0	0	1	0	0	0		0
	For old classroom	0	0	1	0	0	0		0
	Total					0	1741.52	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)								
	Stage	1	2.75	2.65	0.5	3.64	0		0
	Total					3.64	378.5	cum	1,378
	Supply of precast concrete blocks for paving of M-30 grade and thickness not less than 50 mm for Non-traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturers specification, 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)								
	Parking	1	20	2	0	40	0		0
	Total					40	631.86	Sqmt	25,274
	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 Pathway	1	20	2	0.15	6	0		0

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	Total					6	3169.09	cum	19,015
	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)								
	Below sunshade	2	1	0	1.5	3	0		0
	Classroom2 back wall plastering	1	6.6	0	0.6	3.96	0		0
	Door deduction	1	1	0	1.7	-1.7	0		0
	For cracks	1	0	0	0	19.53	0		0
	Front wall	1	10	0	2.8	28	0		0
	Parapet wall	1	20	0	0.55	11	0		0
	Riser	2	1.2	0	0.15	0.36	0		0
	Sides	1	10	0	0.13	1.25	0		0
	Stage	1	3.65	0	0.5	1.82	0		0
	Stage	2	2.65	0	0.5	2.65	0		0
	Steps plastering	3	1.2	0.4	0	1.44	0		0
	Sunshade border	1	11.2	0	0.1	1.12	0		0
	Sunshade deduction in front wall	1	10	0	0.1	-1	0		0
	Sunshades top	1	10	0.6	0	6	0		0
	Top projection border	1	32	0	0.2	6.4	0		0
	Window deduction	2	1.2	0	0.9	-2.16	0		0
	Total					81.67	305.42	sqm	24,944
	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	51778.22	PERCENT AGE	51,778

Work Code : 201920092464

Name of the Work : Paintings to School

Administrative Sanction No : Proc.No2823022157/MBNN/2020
-2021

Technical Sanctioned : /21-22
No

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Estimate Amount (in Rs.)

: 1,04,366/-

Work MBook Amount : 63,228/-

(in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Removing White wash or Colour wash by steel wire brushing and/or scraping; sand papering and preparing the wall surface smooth including necessary repairs to scratches complete. (Excluding GST)								
	For Internal walls	0	0	1	0	0	0		0
	Total					0	8.78	sqm	0
	Removing White wash or Colour wash by steel wire brushing and/or scraping; sand papering and preparing the ceiling and/or sloping roofs surface smooth including necessary repairs to scratches complete. (Excluding GST)								
	Overall Ceiling	0	0	1	0	0	0		0
	Total					0	10.21	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)								
	Overall Internal	1	184.89	1	1	184.89	0		0
	Total					184.89	87.03	sqm	16,091
	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)								
	Overall external	1	345.86	1	1	345.86	0		0
	Total					345.86	85.02	sqm	29,405

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	(Berger Paints India) Grills and Gates (iron Doors, Windows, Gates, Grills etc.) with primary coat of Red oxide : - Specification :- Painting to Iron work with two coats of ready mixed Synthetic Enamel paints in all shades Grade – I Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools/equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and excluding taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company Total 3 (three) coats:1. Primary Coat of Red oxide 2. Ready mixed Synthetic Enamel paint 2(two coats) Interior / Exterior Requirements for Enamel, Synthetic, Exterior (a) under coating (b) Finishing with a warranty period of 7 Years for entire painting & paint Coloring (Including GST)								
	For Grills	1	39.72	0	1	39.72	0		0
	Total					39.72	90.01	Sqm	3,575
	(Berger Paints India) Painting to Old walls with Single coat of acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/liter of superior quality of approved brand and shade making single coat in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, , cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for INTERNAL WALLS. (make: Berger /Asian) Colour code: Sugericing (NN Crem) -3P0237 Ceiling: white (Including GST)								
	Overall Ceiling	1	99.93	0	1	99.93	0		0
	Total					99.93	87.03	Sqm	8,697
	Provision for GST @ 12.00%								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	5459.52	PERCENT AGE	5,460

Work Code : 201920092551

Name of the Work : Construction of Toilet with Running Water

Administrative Sanction No : Proc.No2823022157/MBNN/2020
-2021

Technical Sanctioned : /21-22
No

Estimate Amount (in Rs.) : 2,08,479/-

Work MBook Amount : 1,97,421/-
(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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	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)								
	Earthwork excavation for long wall	2	3.9	0.65	1.2	6.08	0		0
	Middle wal	1	2.5	0.65	1.2	1.95	0		0
	septic tank rings earth work excavation	1	1.5	1.5	1.5	3.38	0		0
	Short walls	2	2.2	0.65	1.2	3.43	0		0
	Total					14.84	267.54	cum	3,970
	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)								
	long walls	2	3.8	0.6	0.15	0.68	0		0
	middle walls	1	2.5	0.6	0.15	0.22	0		0
	short walls	2	2.2	0.6	0.15	0.4	0		0
	Total					1.3	3169.09	cum	4,120
	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)								
	flooring bed pcc	2	3.15	1.3	0.15	1.23	0		0
	Total					1.23	3040.6	cum	3,740
	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	3.8	0.46	0.8	2.8	0		0
	middle wall	1	2.7	0.46	0.8	0.99	0		0
	short wall	2	2.3	0.46	0.8	1.69	0		0
	Total					5.48	3337.16	cum	18,288
	Sand 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.[Sand filling] (Excluding GST)								
	refilling	0	0	0	0	0	0		0

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	Total					0	616.4	cum	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)								
	basements side gravel filling	1	2.9	2.3	0.8	5.34	0		0
	Rr Wall deduction	1	2.9	0.45	0.8	-1.04	0		0
	Total					4.3	378.5	cum	1,628
	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)								
	Toilet slab	1	4.25	3.8	0.12	1.94	0		0
	Total					1.94	7452.89	cum	14,459
	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)								
	g rills door	2	0.75	0.23	1.95	-0.67	0		0
	long walls	2	3.6	0.23	2.4	3.97	0		0
	middle wall	1	3.15	0.23	2.4	1.74	0		0
	short walls	2	2.74	0.23	2.4	3.02	0		0
	Toilet Block Allround	2	1.7	0.23	0.4	-0.31	0		0
	Toilet Block long walls(i/s)	2	0.6	0.23	0.46	-0.13	0		0
	toilets door walls	2	1.35	0.23	2.4	1.49	0		0
	wpc door	2	0.71	0.23	1.9	-0.62	0		0
	Total					8.49	5246.01	cum	44,539
	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)								
	deduct ventilators	2	0.6	0	0.46	-0.55	0		0
	grills doors	2	0.75	0	1.95	-2.92	0		0
	grills ventilators	2	1.7	0	0.4	-1.36	0		0
	long walls	2	3.6	0	2.5	18	0		0

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	short walls	2	3.2	0	2.5	16	0		0
	Total					29.17	310.8	sqm	9,066
	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)								
	around inside of left side toilet block	1	9.1	0	0.85	7.73	0		0
	around inside of right side toilet block	1	9.1	0	0.85	7.73	0		0
	Total					15.46	107.07	sqm	1,655
	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)								
	Commode deduction	2	0.44	0.54	0	-0.48	0		0
	Door jambs	2	0.68	0.3	0	0.41	0		0
	Outer room	2	1.35	1.65	0	4.46	0		0
	Steps sides	2	1.5	0.33	0	0.99	0		0
	Toilet inside of the right block	2	1.2	1.2	0	2.88	0		0
	Toilets inside	0	0	0	0	0	0		0
	Total					8.26	715.45	sqm	5,910
	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)								
	Inside Toilets Allround	1	9.1	1	1.45	13.19	0		0
	Inside Urinal side wall	1	9.1	1	1.45	13.19	0		0
	Total					26.38	558.09	sqm	14,722
	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 Toilets	100	0	0	0	100	0		0

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	grills ventilators	50	0	0	0	50	0		0
	ventilators	22	0	0	0	22	0		0
	Total					172	70.08	Kgs	12,054
	Providing and fixing factory made solid Wood Polymer Composite (WPC) single extruded Door Frame section of size 45x75 MM . The two Vertical members are to be joined together with the horizontal member using 8x50 MM long MS Star full thread screws to be used with reverse forward speed control hand drilling machine. The ready/assembled door frame is fixed to the wall using hold fast or bolt fasteners. A minimum of 4 No.s of screws to be provided for each vertical member & minimum 2no.s for horizontal member with encapsulation of 8MM rigid layer on all the six surfaces. The door frame will have a rebat of 32MM (Excluding GST)								
	Toilet door frames	2	4.5	0	0	9	0		0
	Total					9	506	rmt	4,554
	Providing and fixing 28 -30 MM thick solid Wood Polymer Composite(WPC) single extruded door shutter with 3MM top and bottom rigid layer with an overall density of 750kg/Cum. It will be fixed to the frame using 3 inch /4 inch hinges. A minimum of 4 hinges will be required for fixing the door with the frame (Excluding GST)								
	wpc door fitting in toilet blocks	2	0.68	0	1.92	2.61	0		0
	Total					2.61	3030	sqm	7,908
	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)								
	Steel for slab	204	0	0	0	204	0		0
	Total					204	48.41	Kgs	9,876
	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)								
	sanitaryware pipe line waste water	1	10	0	0	10	0		0
	Total					10	89.1	rmt	891
	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)								
	water pipe line	1	8	0	0	8	0		0
	Total					8	85	rmt	680

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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[28.60 mm dia CPVC SDR 13.50]. (Excluding GST)								
Pipe line	1	1.35	0	0	1.35	0		0
Total					1.35	123	rmt	166
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[34.90mm OD Pipe - SDR 13.5]. (Excluding GST)								
water pipeline	1	14	0	0	14	0		0
Total					14	193	rmt	2,702
Supplying and fixing 580 mm x 440 mm long Orissa pan white glazed Water Closet 1st quality ISI marked confirming to IS:2556-Part-3-1981 with P or S trap Hindware / Parryware / Neycer with brick masonry seat, CC squatting plate and fixing 12.70mm dia NP Push cock 1st quality , P trap or S trap of Indian W.C. shall be encased on CC (1:2:4) 150mm allround well above the joint to stop leakage at the joint etc., 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 complete including cost and conveyance of all materials to site, cost of CC bed, labour charges and seigniorage charges etc., complete for finished item of work. (Excluding GST)								
orissa pan white closet	1	0	0	0	1	0		0
Total					1	1677	Nos	1,677
Supplying and fixing NP bib taps of size 12.70mm dia of Indian make Seiko including cost and conveyance of all materials, labour charges etc., complete for finished item of work in all floors for 400 Grams (Excluding GST)								
NP bib taps of size 12.70mm for Toilet	8	0	0	0	8	0		0
Total					8	351.76	Nos	2,814
Supplying white glazed flat back Bowl urinal of size 440 mm x 265 mm x 315 mm with internal flushing rim fixed with screws complete Indian make conforming to IS:2556 – 1995 including 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. (Excluding GST)								
urinal fitting in toilet block	2	0	0	0	2	0		0
Total					2	712.72	Nos	1,425

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	(CERA Sanitaryware Ltd) Supply of 1st quality floor mounted Single piece EWC suit with ceramic material with range of sizes : 510-695 x 295-385 x 520-795 mm with S trap for Ground floor and P trap for First floor Toilets with dual flush with all internal parts of dual flush cistern, ultra solid soft close seat cover with fittings of approved make with rubber buffer and cap all of approved make etc. complete for finished item in all respects: White Coloured, cost and conveyance of all materials and all labour charges like loading, unloading & stacking etc., to school site including GST and all taxes etc., as applicable from time to time excluding installation. Similar or Nearer to the Shape as indicated in the given Photo with slight / qualified modifications in Length, Breath, Depth. (Including GST)								
	ewc	1	0	0	0	1	0		0
	Total					1	7600	Nos	7,600
	(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)								
	hand wash basins	2	0	0	0	2	0		0
	Total					2	1478.17	Nos	2,956
	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	20021.17	PERCENT AGE	20,021

Work Code : 201920094222

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

Administrative Sanction No : Proc.No2823022157/MBNN/2020-2021

Technical Sanctioned : /21-22 No

Estimate Amount (in Rs.) : 85,481/-

Work MBook Amount : 56,414/- (in Rs.)

Date of Measure ment	Description of Item	Measurement upto date	Total Quantity	Rate	Units	Total Value of work done
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		No	L	B	D				
	Supply and fixing of 25mm dia 1.8mm thick P.V.C. pipe (ISI Mark) concealed in wall with all required accessories including masonry work and labour charges etc., complete. (Excluding GST)								
	In Walls	1	63.6	0	0	63.6	0		0
	Total					63.6	71.44	mtr	4,544
	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	63.6	0	0	63.6	0		0
	Total					63.6	64.93	mtr	4,130
	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	10	0	0	0	10	0		0
	Total					18	611.17	Nos	11,001
	Supply and fixing of 6A/10A modular 3 pin socket with 6A modular switch with 3 modular metal box with cover frame on a common board with earth continuity including wire leads, earth connections along with all labour charges etc., complete. switches (Excluding GST)								
	6A 3 pin Sockets	0	0	0	0	0	0		0
	6A modular	1	0	0	0	1	0		0
	8A modular	4	0	0	0	4	0		0
	Total					5	284.35	Nos	1,422
	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 3 Pin Socket	2	0	0	0	2	0		0
	Total					2	324.75	Nos	650
	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)								
	Tubelights	10	0	0	0	10	0		0
	Total					10	867.5	Nos	8,675

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	Labour charges for fixing of ceiling fan and regulator including transportation and giving connections with twin core wire etc., complete. (Excluding GST)								
	Labour charges for fixing of ceiling fan	8	0	0	0	8	0		0
	Total					8	138.88	Nos	1,111
	Supply and fixing SPN Distribution board with IP-42 protection (Metal Door) suitable for single phase ELCB / RCCB / DP Isolator as incomer and 10kA SP MCBs as outing going including internal connection and labour charges for surface/ flush mounting etc., complete. (Excluding GST)								
	Distribution boards	1	0	0	0	1	0		0
	Total					1	4107.07	Nos	4,107
	Providing independent earthing 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 wire	1	0	0	0	1	0		0
	Total					1	4445.28	Nos	4,445
	(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	4810.06	PERCENT AGE	4,810

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Signature of Engineering
Assistant

Signature of FE/AE/AEE

U SRINIVAS

Signature of Deputy Executive Engineer

Cherreddi Naveenkumar

Signature of Executive Engineer

Kandepu Kedareswara Rao