

# మన బడి నాడు-నేడు

**Measurement Book No : 28236000801001**

District Name	:	<b>CHITTOOR</b>
Mandal Name	:	<b>PEDDAPANJANI</b>
Village Name	:	<b>NIDIGUNTA</b>
Name of the Executing Agency	:	<b>Panchayat Raj</b>
Name of School	:	<b>MPPS NIDIGUNTA</b>
U-Dise Code	:	<b>28236000801</b>
Technical Sanctioned Amount	:	<b>1823281</b>
Admin Sanctioned Amount	:	<b>1823281</b>
Total Expenditure	:	<b>1741523</b>

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## Abstract

U-Dise Code : 28236000801  
Technical Sanctioned Amount : 1823281  
Admin Sanctioned Amount : 1823281  
Total Expenditure : 1741523  
MBook Number : 28236000801001

Work Code	Work type name	Estimated Cost	Value of work done
201920012613	English Labs	40000	41439
201920095385	Green Chalk Board	84964	82392
201920095463	Major and Minor Repairs	817088	888718
201920097556	Paintings to School	71697	65579
201920097589	Furniture for Students and Staff	237381	96596
201920097622	Drinking Water Supply	230630	223605
201920097924	Providing Electrification with Fans and Tube Lights	94880	91000
201920098200	Construction of Toilet with Running Water	246641	252192
	Total	1823281	1741523

Signature of Engineering  
Assistant

Signature of FE/AE/AEE  
U SRINIVAS

Signature of Deputy Executive Engineer  
Chereddi Naveenkumar

Signature of Executive Engineer  
Kandepu Kedareshwara Rao

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**Work Code** : 201920012613 **Name of the Work** : English Labs  
**Administrative Sanction No** : Proc.No2823005678/MBNN/2020-2021 **Technical Sanctioned** : 106 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** : 201920095385 **Name of the Work** : Green Chalk Board  
**Administrative Sanction No** : Proc.No2823005678/MBNN/2020-2021 **Technical Sanctioned** : 106 No  
**Estimate Amount (in Rs.)** : 84,964/- **Work MBook Amount** : 82,392/- (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	8	0	0	0	8	0			0
Total					8	10299	Nos		82,392

**Work Code** : 201920095463 **Name of the Work** : Major and Minor Repairs  
**Administrative Sanction No** : Proc.No2823005678/MBNN/2020 **Technical Sanctioned** : 106  
 -2021 **No**  
**Estimate Amount (in Rs.)** : 8,17,088/- **Work MBook Amount** : 8,88,718/-  
 (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)								
	Compound wall	1	70	0.23	1.2	19.32	0		0
	Tank	1	5	0.23	3	3.45	0		0
	Toilets	1	3	2.5	2.45	18.38	0		0
	Total					41.15	262.08	cum	10,785
	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)								

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	Dismantling Of Kadapa Slabs At Room 1	1	6.1	4.8	0	29.28	0		0
	Dismantling Of Kadapa Slabs At Room1 Varandah	1	6	3	0	18	0		0
	Total					47.28	6.6	Sqm	312
	<b>Earth work excavation and depositing on bank with initial lead of 10m and initial lift of 3m in Loamy &amp; Clayey Soils like BC Soils, Red Earth &amp; 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 &amp; 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)</b>								
	Earthwork Excavation For Room 1	1	6.1	4.8	0.15	4.39	0		0
	Earthwork Excavation For Room 1 Varanda	1	6	3	0.15	2.7	0		0
	Total					7.09	152.88	cum	1,084
	<b>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)</b>								
	Below parking tiles	1	9.85	3.75	0.15	5.54	0		0
	Below parking tiles	1	3.5	2.3	0.15	1.21	0		0
	Below parking tiles	1	7.9	6.8	0.15	8.06	0		0
	Below parking tiles	1	1.5	1.2	0.15	0.27	0		0
	Below parking tiles	1	5.85	1.9	0.15	1.67	0		0
	Below parking tiles	1	4.25	1.24	0.15	0.79	0		0
	Below parking tiles	1	2.67	2.8	0.15	1.12	0		0
	Below parking tiles	1	3.85	0.6	0.15	0.35	0		0
	Below parking tiles	1	3.75	0.75	0.15	0.42	0		0
	Classroom backside	1	10	0.5	0.15	0.75	0		0
	Classroom backside	1	8.72	1.5	0.15	1.96	0		0
	Classroom backside	1	15	0.9	0.15	2.02	0		0
	Classroom backside	1	4.05	0.9	0.15	0.55	0		0
	Compound wall inside	1	10.3	0.85	0.15	1.31	0		0
	Compound wall inside	1	13.2	0.85	0.15	1.68	0		0

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	Compound wall right side stage	1	6.8	2.6	0.15	2.65	0		0
	PCC	1	4.14	3.48	0.1	1.44	0		0
	PCC For Room 1 Flooring	1	6.1	4.8	0.15	4.39	0		0
	PCC For Room 1 Varanda Flooring	1	6	3	0.15	2.7	0		0
	Stage pcc	1	4.3	0.75	0.15	0.48	0		0
	Total					39.36	2788.2	cum	1,09,744
	<b>Plain Cement Concrete corresponding to M15 grade as per IS 456 equivalent to (1:2:4) proportion nominal mix (cement: fine aggregate: Coarse aggregate) using 20mm size Hard Blasted Granite (IS383, 1970) Machine Crushed graded metal from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including seigniorage charges, sales &amp; other taxes on all materials, all operational, incidental and labour charges such as mixing, laying, curing concrete, etc., complete for finished item of work (Excluding GST)</b>								
	Kerb	1	6.85	0.22	0.3	0.45	0		0
	Kerb	1	10.4	0.22	0.3	0.69	0		0
	Kerb	1	7.7	0.22	0.3	0.51	0		0
	Kerb	2	1.2	0.22	0.3	0.16	0		0
	Kerb	1	3.65	0.22	0.3	0.24	0		0
	Parapet wall	0	0	0	0	0	0		0
	Parapet wall	0	0	0	0	0	0		0
	Total					2.05	4129.59	cum	8,466
	<b>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)</b>								
	RR	1	5.05	0.46	0.65	1.51	0		0
	RR	2	4.4	0.46	0.65	2.63	0		0
	Total					4.14	3079.49	cum	12,749
	<b>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)</b>								
	Brickwork	1	1.82	0.35	0.33	0.21	0		0
	Brickwork	1	1.82	0.35	0.15	0.1	0		0
	Hall	1	4.2	0.23	0.9	0.87	0		0
	Hall	1	4.5	0.23	0.9	0.93	0		0
	Parapet wall	1	8.6	0.14	0.65	0.78	0		0

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	Parapet wall	1	7.2	0.14	0.65	0.66	0		0
	Parapet wall	1	7.45	0.14	0.65	0.68	0		0
	Total					4.23	5149.42	cum	21,782
	<b>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)</b>								
	12mm	200	0	0	0	200	0		0
	Total					200	48.41	Kgs	9,682
	<b>VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[COLUMNS] (Excluding GST)</b>								
	Column	1	0.5	0.49	3	0.73	0		0
	Column	1	0.5	0.49	2.82	0.69	0		0
	Total					1.42	7732.57	cum	10,980
	<b>VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[BEAMS] (Excluding GST)</b>								
	Beam	1	5.2	0.5	0.49	1.27	0		0
	Total					1.27	7172.83	cum	9,109
	<b>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 Masonry]. (Excluding GST)</b>								
	Beam	1	5.2	0	1.48	7.7	0		0
	Column	1	1.98	0	3	5.94	0		0
	Column	1	1.98	0	2.82	5.58	0		0
	Plastering	1	20.28	0	0.6	12.17	0		0
	Plastering	1	4.14	0	3.48	14.41	0		0
	Plastering	1	46.5	0	0.65	30.23	0		0
	Plastering	1	17.4	0	0.9	15.66	0		0
	Total					91.69	309.54	sqm	28,382

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	<b>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)</b>								
	Room 1	1	7.3	9.8	0	71.54	0		0
	Room 2	1	6.7	9.8	0	65.66	0		0
	Total					137.2	331.71	sqm	45,511
	<b>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 &amp; 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)</b>								
	Room 1	1	7.3	9.8	0	71.54	0		0
	Total					71.54	1327.72	sqm	94,985
	<b>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)</b>								
	Class Room - Ventilators	1055	0	0	0	1055	0		0
	Total					1055	70.08	Kgs	73,934
	<b>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 &amp; 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)</b>								
	Granite Flooring To Room 1	1	6.1	4.8	0	29.28	0		0
	Granite Flooring To Room 1 Varanda	1	6	3	0	18	0		0
	stage	1	5	4.3	0	21.5	0		0
	Total					68.78	1587.6	sqm	1,09,195



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<b>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)</b>									
Parking tiles	1	9.85	3.75	0	36.94	0			0
Parking tiles	1	3.5	2.3	0	8.05	0			0
Parking tiles	1	7.9	6.8	0	53.72	0			0
Parking tiles	1	1.5	1.2	0	1.8	0			0
Parking tiles	1	5.85	1.9	0	11.11	0			0
Parking tiles	1	2.67	2.8	0	7.48	0			0
Parking tiles	1	4.25	1.24	0	5.27	0			0
Parking tiles	1	3.85	0.6	0	2.31	0			0
Parking tiles	1	3.75	0.75	0	2.81	0			0
Total					129.49	772.44	sqm		1,00,023
<b>Writing of Name board with Synthetic Enamel paint of 1st quality including primary coat and back ground of painting with one coat white synthetic enamel paint, Writing letters in Telugu/English etc., Complete for finish item of work (Excluding GST)</b>									
Gate Pillars	0	0	0	0	0	0			0
Total					0	10000	Nos		0
<b>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&amp;P etc., complete for finished item of work. (Excluding GST)</b>									
Filling	1	6.8	4.6	0.5	15.64	0			0
Filling	1	7.6	10.6	0.5	40.28	0			0
Filling	1	7.7	8.2	0.5	31.57	0			0
Filling	1	4.14	3.48	0.5	7.2	0			0
Filling deduction	1	3.13	3	0.5	-4.7	0			0
Overall	1	4.6	6	0.5	13.8	0			0
Total					103.79	480.2	cum		49,840

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	<b>Supply &amp; fixing pre-painted galvalium trepezoidal profile roofing sheets with 0.47mm thickness,coating Alu-zinc coating AZ 150 GSM. Tensile strength : 550 MPA,paint coating : Regular modified polyster painting. Thickness (top) 18-20 microns,(bottom) 5-7microns including C/C of all materials like sheets, J bolts, bitumen washers etc. with or without ridge with sales &amp; all other taxes &amp; all labour charges etc. complete for fixing sheets in position. (Excluding GST)</b>								
	Classroom front side sheets	1	6.8	0.9	0	6.12	0		0
	Hand wash sheets	1	4.65	3.47	0	16.14	0		0
	Stage sheets	1	5.5	6	0	33	0		0
	Total					55.26	466.91	sqm	25,801
	<b>Supply and Fixing MS Purlins 50mm dia including Labour Charges for fixing complete including cost and conveyance of all materials to site, sales and other taxes, all labour charges etc., complete for finished item of work (Excluding GST)</b>								
	Classroom Front side	1	20.25	0	0	20.25	0		0
	Handwash	1	26	0	0	26	0		0
	Stage	1	45.1	0	0	45.1	0		0
	Total					91.35	428.4	rmt	39,134
	<b>Differential Cost of Cement (Including GST)</b>								
	<b>Differential Cost of Steel (Including GST)</b>								
	<b>Supply and fixing of Stainless Steel Lettering including cost of stainless steel and its fabrication charges etc., complete (Excluding GST)</b>								
	Name board	0	0	0	0	32000	0		0
	Total					32000	1	LS	32,000
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	95219.83	PERCENT AGE	95,220

Work Code : 201920097556

Name of the Work : Paintings to School

Administrative Sanction No : Proc.No2823005678/MBNN/2020-2021

Technical Sanctioned : 106 No

Estimate Amount (in Rs.) : 71,697/-

Work MBook Amount : 65,579/- (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				
	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)								
	Overall internal and external	0	0	0	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	0	0	0	0		0
	Total					0	10.21	sqm	0
	(Berger Paints India) Painting to walls with two coats of acrylic emulsion paint weather proof water based, modified acrylic with silicon additives exterior grade having VOC (Volatile Organic Compound) content less than 50 grams / liter / Interior grade having VOC (Volatile Organic Compound) content less than 50 grams / liter of superior quality of approved brand and shade over base coat of cement primer grade -I making three coats in all to give an even shade after thoroughly brushing / scrubbing the surface to remove old paint / lime surface any other adhesives / all loose powdered materials with mechanical devices (optimum pressure) like automatic sandar and mechanical scrubber or manually (where ever mechanical scrubbing not possible) as per technical specification / conditions and including Bio wash / Jet wash / repairs to cracks upto 5mm with acrylic paste / dampness / patches to restore the wall surface apply primer and acrylic emulsion exterior grade / interior grade of the company manufactured as per the given specifications, in two coats. Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools / equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and including all taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company with a warranty period of 7 Years for entire painting & paint coloring Total 3 (three) coats:1. Primary Coat 2. Emulsion paint 2(two coats) Exterior (1) Exterior Emulsion should satisfy following parameters : - Dry film thickness for primary coat (Barrier coat) = 70 – 80 Microns, Dry film thickness for emulsion 2 coats = 50 – 60 Microns, Sheen levels at 60 degree GH = > 18 as measured in white, Water resistance = passes> 48 Hrs as per ASTM D870 – 15, Flame spread resistance = Passes as per BS 476 – PART-7 –1997 : Rating Class-I, Resistance to Alkali= Efflorescence Test (Water Permeability test as per SS-500-2002), Durability against colour, flaking, cracking, chalking and weathering = 7 Years warranty on colour & film integrity. Surface drying type = 30 minutes, Spread area = 50 – 60 sqft, Adhesive capacity = Pull of adhesion > 1.5 Mpa, Temperature stability = QUVA > 1000 hours, Dust Repellent = Natural weather exposure for 3 months – No visual difference initially and after cleaning (Including GST)								
	Overall external	1	320	1	0	320	0		0
	Total					320	85.02	Sqm	27,206

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<b>(Berger Paints India) Painting to walls with two coats of acrylic emulsion paint weather proof water based, modified acrylic with silicon additives exterior grade having VOC (Volatile Organic Compound) content less than 50 grams / liter / Interior grade having VOC (Volatile Organic Compound) content less than 50 grams / liter of superior quality of approved brand and shade over base coat of cement primer grade -I making three coats in all to give an even shade after thoroughly brushing / scrubbing the surface to remove old paint / lime surface any other adhesives / all loose powdered materials with mechanical devices (optimum pressure) like automatic sandar and mechanical scrubber or manually (where ever mechanical scrubbing not possible) as per technical specification / conditions and including Bio wash / Jet wash / repairs to cracks upto 5mm with acrylic paste / dampness / patches to restore the wall surface apply primer and acrylic emulsion exterior grade / interior grade of the company manufactured as per the given specifications, in two coats. Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools / equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and including all taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company with a warranty period of 7 Years for entire painting &amp; paint coloring Total 3 (three) coats:1. Primary Coat 2. Emulsion paint 2(two coats) Interior (2) Interior Emulsion should satisfy following parameters : - Dry film thickness for primary coat = 15 – 20 Microns Dry film thickness for emulsion 2 coats = 45 – 50 Microns, Scrub cycles = Minimum 300 cycles as per ASTM D 3450, Washability = Minimum 14000 cycles, Sheen levels at 60 degree GH = &lt;5 units, Resistance to Alkali= Passes the test as per IS 15489 – 2004, Durability against colour, flaking, cracking, chalking and weathering = 7 Years warranty on colour &amp; film integrity., Surface drying type = 30 minutes, Spread area = 120 – 130 sqft per liter, Temperature stability = Passes the test as per IS 15489: 2004. (Including GST)</b>									
Overall internal	1	312	0	1	312	0			0
Total					312	87.03	Sqm		27,153
<b>(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 &amp; paint Coloring (Including GST)</b>									
Overall grills	1	71	0	1	71	0			0
Total					71	90.01	Sqm		6,391

# మన బడి నాడు-నేడు

	(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	125	0	1	125	0		0
	Total					125	38.63	Sqm	4,829

**Work Code** : 201920097589                      **Name of the Work** : Furniture for Students and Staff  
**Administrative Sanction No** : Proc.No2823005678/MBNN/2020-2021                      **Technical Sanctioned** : 106 No  
**Estimate Amount (in Rs.)** : 2,37,381/-                      **Work MBook Amount** : 96,596/- (in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Almairahs (Steel) for HM Room, Staff room, Library room, Laboratory room, M.S sheet conforming to commercial quality CR- 1,Grade340 of IS 513:2008 (reaffirmed 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 Chair	0	0	0	0	0	0		0
	Total					0	1050	Nos	0

## మన బడి నాడు-నేడు

**Supply & Placing Dual desk for class I to III ; TYPE-I** The overall dimensions of desk will be W 1066mm x D 930mm x H 628 (for table top). The seating bench height shall be 383 mm. 1. Table top shall be made up of 18.0 mm thick plywood of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish). Table top dimensions shall be W 1008.0 mm x D 380.0 mm. Edge towards bench shall be post formed with round edge. The remaining three edges must be sealed with 2mmthick PVC edge banding tape. Edge band must be trimmed on edges and corners. 2. Side frame structure: Made of CRCA press-formed section 165.0 mm x 25.0 mm x 1.0 mm thickness bolted to 25.0 mm x 50.0 mm x 1.2mm thickness tube of 890mm length by using C-clamps made up of 3.0 mm thickness sheet. 3. Seat and back rest frame structure: Made of CRCA press-formed section 165.0 mm x 25.0 mm x 1.0 mm thickness welded to MS pipe of 25.4 mm diameter x 1.2mm thickness. All 8 numbers of horizontal supports shall be made up MS tube having dimensions 25.0 mm x 25.0 mm x 1.2 mm thickness. MS tube of size 20.0 mm x 20.0 mm x 1.0 mm thickness and 100.0 mm long shall be welded to the frame to hold the horizontal supports. 4. Rectangular MS tube of dimension 50.0 mm x 25.0 mm x 1.2 mm thickness shall be closed with PPCP (Polypropylene Copolymer) cap at both the ends. Pipe diameter 25.4 mm x 1.2 mm thickness shall be closed with PPCP cap at back side and under the seat.5. Upper modesty panel and shelf shall be made of 0.8 mm thick CRCA sheet. The dimensions for upper modesty panel shall be H 175.0 mm x W 1012.0 mm x D 23.0 mm. The dimensions of shelf shall be W 1012.0 mm X D 300.0 mm X H 23.0 mm. The shelf shall have vertical partition at the center. This partition shall be made up of square MS tube having size 25.0 mm x 25.0 mm x 1.2 mm thickness. Stiffeners of MS tube having sizes as 20.0 mm x 20.0 mm x 1.0 mm thickness shall be provided in upper modesty panel and shelf. Front fascia of upper modesty panel of desk shall have embossed design. The corners of shelf (projecting towards the seating bench) shall be rounded through corner-forming technology (without welding) to avoid injury in case of accidental impact.6. Additional lower modesty panel having size H 150.0 mm x W 1008.0 mm X D 23.0 mm shall be made up of 0.8 mm thick CRCA sheet with designer square perforations. MS tube of size 20.0 mm x 20.0 mm x 1.2 mm thickness shall be fixed across the length at the bottom side of lower modesty panel. 7. Seat and back rest shall be made of 18mm thick plywood of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish) except backrest. Back rest shall have both sides lamination. 7.1. Seating bench dimensions shall be W 1066.0 mm X D 300.0 mm: Front side shall be rounded with post forming. Remaining three edges shall be sealed with 2mm thick PVC edge banding tape. 7.2. Back rest dimensions shall be W 1066.0 mm x D 250.0 mm: Upper side shall be rounded with post forming. Remaining three edges shall be sealed with 2mm thick PVC edge banding tape. 7.3. Leg space between top and seat shall be 110mm. 8. Bag/bottle hooks shall be made of MS wire having diameter of 5.0 mm. The overall size of hook shall be W 23.0 mm, D 32.0 mm and H 80.0 mm. It shall be welded on inner facia of both the vertical press-fitted steel sections. 9. The MIG / Spot welding shall be done as per technical requirement.10. All metal components shall be powder coated in satin finish with pretreatment process. The item shall carry a warranty period of 5 (Five) years from the date of supply (Excluding GST)

Dual desk	0	0	0	0	0	0		0
Total					0	6768.38	Nos	0

## మన బడి నాడు-నేడు

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

Dual desk	12	0	0	0	12	0		0
Total					12	6821.78	Nos	81,861
<b>Provision for GST @ 12.00%</b>								
Provision for GST	1	0	0	0	1	0		0
Total					1	14735.04	PERCENT AGE	14,735

# మన బడి నాడు-నేడు

**Work Code** : 201920097622 **Name of the Work** : Drinking Water Supply  
**Administrative Sanction No** : Proc.No2823005678/MBNN/2020 **Technical Sanctioned** : 106  
**-2021** **No**  
**Estimate Amount (in Rs.)** : 2,30,630/- **Work MBook Amount** : 2,23,605/-  
**(in Rs.)**

Date of Measurement	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)								
	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	170	0	0	0	170	0		0
	12mm HYSD bars	100	0	0	0	100	0		0
	8mm HYSD bars	98	0	0	0	98	0		0
	Total					368	48.41	Kgs	17,815
	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)								
	Overall pipe line	1	62	0	0	62	0		0
	Total					62	85	rmt	5,270



## మన బడి నాడు-నేడు

	VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[RCC SLABS 150mm thick] (Excluding GST)								
	Bottom Slab	1	2.62	2.57	0.17	1.14	0		0
	For sump	1	2.95	2.49	0.12	0.88	0		0
	Top Slab	1	0.6	0.6	0.12	-0.04	0		0
	Total					1.98	6524.83	cum	12,919
	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)								
	Handwash	1	8.96	0	1.5	13.44	0		0
	Handwash	1	0.45	0	0.62	0.28	0		0
	Handwash	1	2.16	0	3.05	6.59	0		0
	Total					20.31	557.41	sqm	11,321
	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	10	0	0	0	10	0		0
	Total					10	351.76	Nos	3,518
	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 seignerage charges excluding dewatering charges etc., complete for Foundation of Building.(APSS No. 308) (Excluding GST)								
	Pipe line	1	15	0.6	0.8	0	0		0
	Pipe line	0	0	0	0	0	0		0
	Sump	0	0	2.8	0	0	0		0
	Total					0	152.88	cum	0

## మన బడి నాడు-నేడు

	<b>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)</b>								
	Handwash	1	2.65	1.55	0.2	0.82	0		0
	Sump	1	3.3	2.8	0.2	1.85	0		0
	Urinal pcc	1	2.85	0.5	0.2	0.29	0		0
	Total					2.96	2788.2	cum	8,253
	<b>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)</b>								
	Plinth beam ohsr	2	2.35	0.23	0.23	0.25	0		0
	PLINTH beam ohsr	2	1.87	0.23	0.23	0.2	0		0
	Total					0.45	8215.57	cum	3,697
	<b>Drinking water system for schools having source water TDS below 400 ppm : Type- I: Supplying and fixing of Drinking water system with the set Design, Drawing and Specifications, Cost includes loading, Transportation, supply, unloading charges etc., Erection, Commissioning, Testing including TDS range of the Purified water at the school premises, and all incidental charges, including GST etc., all other taxes and charges for complete finished item of work, with a warranty period of 05 (five) years and further extendable AMC for a period of 05(five) years on mutually agreed terms and conditions. Tank overall dimensions : 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 &amp; 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)</b>								
	RO	1	0	0	0	1	0		0

## మన బడి నాడు-నేడు

	Total					1	65373	Nos	65,373
	<b>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)</b>								
	columns	4	1	0.23	0.55	0.51	0		0
	OHSR	2	2.35	0.23	1.5	1.62	0		0
	Ohsr	2	1.87	0.23	1.5	1.29	0		0
	Sump	2	2.5	0.23	2.4	2.76	0		0
	Sump	2	2.5	0.23	2.4	2.76	0		0
	Total					8.94	5149.42	cum	46,036
	<b>Flooring with Vitrified tiles of 1st quality of size 600x600mm, set over base coat of cement mortar (1:8), 12 mm thick over CC bed already laid or RCC Roof slab, including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm &amp; jointed neatly with white cement paste to full depth mixed with pigment of matching shade, including cost of all materials like cement, sand, water and tiles etc., complete for finished item of work. (Excluding GST)</b>								
	Flooring	1	2.67	1.5	0	4	0		0
	Total					4	747.67	sqm	2,991
	<b>Plastering with CM 2 coats, 20mm thick, base coat in CM (1:6), 16mm thick and top coat in CM (1:4), 4mm thick with Dubara sponze finishing including cost and conveyance of all materials and all labour charges etc., complete for walls. (Excluding GST)</b>								
	OHSR INTERNAL	2	1.9	0	1.5	5.7	0		0
	OHSR INTERNAL	2	1.87	0	1.5	5.61	0		0
	Sump internal	2	2.46	0	2.4	11.81	0		0
	Sump internal	2	2	0	2.4	9.6	0		0
	Total					32.72	311.67	sqm	10,198
	<b>Masonry work in CM (1:8) prop with Flyash Cement solid blocks of size 290 x 225 x 140 mm for manufacturing of flyash solid blocks using flyash of 50 Kgs / Sqcm including cost and conveyance of all materials, labour charges, scaffolding and curing etc., complete with a compressive strength not less than 50 kg/sqm for walls for Superstructure walls. (Excluding GST)</b>								
	Flyash	1	3	0.15	1.55	0.7	0		0
	Hand wash	1	0.7	0.15	1.5	0.16	0		0
	Hand wash	1	2.5	0.4	0.45	0.45	0		0
	Total					1.31	5073.09	cum	6,646
	<b>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)</b>								

## మన బడి నాడు-నేడు

	OHSR	2	2.35	0	1.5	7.05	0		0
	OHSR	2	2.3	0	1.5	6.9	0		0
	OHSR Column	4	1	0	0.56	2.24	0		0
	OHSR PLINTH	2	1.87	0	0.23	0.86	0		0
	Plinth beam	2	2.35	0	0.23	1.08	0		0
	Sump	0	0	0	0	0	0		0
	Total					18.13	309.54	sqm	5,612
	<b>Differential Cost of Cement (Including GST)</b>								
	<b>Differential Cost of Steel (Including GST)</b>								
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	23957.73	PERCENT AGE	23,958

**Work Code : 201920097924**

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

**Administrative Sanction No : Proc.No2823005678/MBNN/2020  
-2021**

**Technical Sanctioned : 106  
No**

**Estimate Amount (in Rs.) : 94,880/-**

**Work MBook Amount : 91,000/-  
(in Rs.)**

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Supply and fixing of 25mm dia 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 toilets	1	8	0	0	8	0		0
	Total					8	66.86	mtr	535
	Supply and fixing of 25mm dia 1.8mm thick P.V.C. pipe (ISI Mark) concealed in wall with all required accessories including masonry work and labour charges etc., complete. (Excluding GST)								
	Overall pipes	1	85	0	0	85	0		0
	Total					85	71.44	mtr	6,072

## మన బడి నాడు-నేడు

	<b>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)</b>							
Overall	1	85	0	0	85	0		0
Total					85	64.93	mtr	5,519
	<b>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)</b>							
Fan Points	18	0	0	0	18	0		0
Light points	14	0	0	0	14	0		0
Total					32	611.17	Nos	19,557
	<b>Supply and fixing of 6A/10A modular 3 pin socket with 6A modular switch with 3 moular metal box with cover frame on a common board with earth continuity including wire leads, earth connections along with all labour charges etc., complete.switches (Excluding GST)</b>							
12A	3	0	0	0	3	0		0
Total					3	284.35	Nos	853
	<b>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)</b>							
18A	4	0	0	0	4	0		0
Total					4	324.75	Nos	1,299
	<b>Supply, Transportaton, and fixing of 20W, T8,1200mm length LED retrofit tube light, input voltage AC 220 - 260 Volts with PF&gt;0.9, Surge protection: 2KV,THD&lt;10%, with inbuilt driver and frosted cover CCT: 3000K - 5700K, minimum CRI&gt;70, .etc., completes including all labour charges and conveyance of all materials etc complete with with flexible wire and connections. (Excluding GST)</b>							
Tube Light Set	10	0	0	0	10	0		0
Total					10	867.5	Nos	8,675
	<b>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)</b>							
Holders with Bulb	6	0	0	0	6	0		0
Total					6	209.75	Nos	1,259
	<b>Labour charges for fixing of ceiling fan and regulator including transportation and giving connections with twin core wire etc., complete. (Excluding GST)</b>							
Labour charges for fixing of ceiling fan	12	0	0	0	12	0		0
Total					12	138.88	Nos	1,667

## మన బడి నాడు-నేడు

	<b>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)</b>								
	Distribution Board	2	0	0	0	2	0		0
	Total					2	4107.07	Nos	8,214
	<b>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)</b>								
	Motor	1	0	0	0	1	0		0
	Total					1	9600	Nos	9,600
	<b>(Crompton greaves) Ceiling Fans- Supply &amp; 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)</b>								
	Fans	14	0	0	0	14	0		0
	Total					14	1440	Nos	20,160
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	7590	PERCENT AGE	7,590

**Work Code : 201920098200**

**Name of the Work : Construction of Toilet with Running Water**

**Administrative Sanction No : Proc.No2823005678/MBNN/2020-2021**

**Technical Sanctioned : 106 No**

**Estimate Amount (in Rs.) : 2,46,641/-**

**Work MBook Amount : 2,52,192/- (in Rs.)**

Date of Measurement	Description of Item	Measurement upto date	Total Quantity	Rate	Units	Total Value of work done
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	No	L	B	D				
<b>Earth work excavation and depositing on bank with initial lead of 10m and initial lift of 3m in Loamy &amp; Clayey Soils like BC Soils, Red Earth &amp; 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 &amp; 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)</b>								
For septic tank	1	3	2	2.4	14.4	0		0
For Walls	2	2.45	0.6	0.8	2.35	0		0
for walls	2	4.1	0.6	0.8	3.94	0		0
middlewall	1	3.05	0.6	0.8	1.46	0		0
Water pipe excavation	0	0	0	0	0	0		0
Total					22.15	152.88	cum	3,386
<b>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)</b>								
For flooring	2	3.35	1.2	0.2	1.61	0		0
For Walls	2	2.45	0.5	0.2	0.49	0		0
For walls	2	4.05	0.5	0.2	0.81	0		0
For walls	1	3	0.5	0.2	0.3	0		0
Septic tank	1	3	2	0.2	1.2	0		0
Total					4.41	2788.2	cum	12,296
<b>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)</b>								
For middle	1	3	0.46	0.65	0.9	0		0
For walls	2	4.05	0.46	0.65	2.42	0		0
Room alround (below GL & above GL)	2	2.45	0.46	0.65	1.47	0		0
Total					4.79	3079.49	cum	14,751
<b>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)</b>								

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	Alround	0	0	0	0	0	0		0
	Total					0	8215.57	cum	0
	<b>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)</b>								
	Roof slab area( with 0.30m alround projection)	1	2.5	2.2	0.12	0.63	0		0
	Total					0.63	7200.48	cum	4,536
	<b>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)</b>								
	Impervious coat	1	4.45	3.45	0	15.35	0		0
	Total					15.35	331.71	sqm	5,092
	<b>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)</b>								
	For toilets	2	2.85	0.23	2.45	3.21	0		0
	For toilets	2	3.3	0.23	2.45	3.72	0		0
	Grill door deduction	2	0.75	0.23	1.8	-0.62	0		0
	Grills ventilations	2	0.6	0.23	0.6	-0.17	0		0
	Septic tank	2	2.5	0.23	2	2.3	0		0
	Septic tank	2	1.86	0.23	1.5	1.28	0		0
	Septic tank	2	1.86	0.23	2	1.71	0		0
	Toilet middle wall	1	3	0.23	2.45	1.69	0		0
	Ventilators	2	2.03	0.23	0.6	-0.56	0		0
	Total					12.56	5149.42	cum	64,677
	<b>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)</b>								
	Deduction	2	0.75	0	1.8	-2.7	0		0
	Deduction	2	2.03	0	0.6	-2.44	0		0
	Deduction	2	0.6	0	0.6	-0.72	0		0



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	for toilets	2	2.85	0	2.45	13.97	0		0
	Septic tank	2	2.5	0	2	10	0		0
	Septic tank	2	1.86	0	2	7.44	0		0
	Septic tank inner walls	4	1.86	0	1.5	11.16	0		0
	Total					36.71	309.54	sqm	11,363
	<b>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 &amp; 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)</b>								
	Deduction	2	0.45	0.6	0	-0.54	0		0
	Deductions	2	0.5	0.1	0	-0.1	0		0
	Toilets inside	2	3.35	1.1	1	7.37	0		0
	Total					6.73	714.77	sqm	4,810
	<b>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)</b>								
	Inside Toilets Allround	1	8.66	1	1.77	15.33	0		0
	Urinal Partitions	1	8.66	1	1.77	15.33	0		0
	Total					30.66	557.41	sqm	17,090
	<b>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)</b>								
	Doors for Main Entrance	400	0	0	0	400	0		0
	Total					400	70.08	Kgs	28,032
	<b>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)</b>								
	Doors for Toilets	2	0.63	1	1.76	2.22	0		0
	Total					2.22	3030	sqm	6,727
	<b>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)</b>								

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	8mm HYSD bars	200	0	0	0	200	0		0
	Total					200	48.41	Kgs	9,682
	<b>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 &amp; 1326) (Excluding GST)</b>								
	SWR/ PVC pipes at Urinals	1	7	0	0	7	0		0
	Total					7	89.1	rmt	624
	<b>Supplying &amp; 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 &amp; 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 ODPipe - SDR 13.5]. (Excluding GST)</b>								
	Water pipe lin	1	8	0	0	8	0		0
	Total					8	193	rmt	1,544
	<b>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)</b>								
	NP bib taps of size 12.70mm for Toilet	16	0	0	0	16	0		0
	Total					16	351.76	Nos	5,628
	<b>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)</b>								
	Slab	1	4.45	3.45	0.13	2	0		0
	Total					2	6968.83	cum	13,938
	<b>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)</b>								
	Hand wash fitting charges	3	0	0	0	3	0		0
	Total					3	319	Nos	957

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<b>(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 &amp; 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)</b>									
Ew	1	0	0	0	1	0			0
Total					1	7600	Nos		7,600
<b>(CERA Sanitaryware Ltd) Supply of Orissa Pan white glazed W.C 1st quality conforming to IS:2556-Part-3-1981 with P or S trap: 580 x 440 mm Long including cost and conveyance of all materials : White Coloured including cost and conveyance of all materials and all labour charges like loading, unloading &amp; stacking etc., complete to school site including GST and all taxes etc., as applicable from time to time excluding installation. (Including GST)</b>									
Orissapan	1	0	0	0	1	0			0
Total					1	1336.05	Nos		1,336
<b>(CERA Sanitaryware Ltd) Supplying white glazed flat back Bowl urinals 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 &amp; stacking etc., to school site including GST and all taxes etc., as applicable from time to time excluding installation. (Including GST)</b>									
Urinal bowls	3	0	0	0	3	0			0
Total					3	712.72	Nos		2,138
<b>(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 &amp; stacking etc., complete to school site including GST and all taxes etc., as applicable from time to time excluding installation. (Including GST)</b>									
Hand wash	3	0	0	0	3	0			0
Total					3	1478.17	Nos		4,435
<b>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)</b>									
Plastering	1	8.6	0	0.69	5.93	0			0
Plastering internal	2	3	0	2.4	14.4	0			0
Total					20.33	304.57	sqm		6,192
<b>Differential Cost of Cement (Including GST)</b>									

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	<b>Differential Cost of Steel (Including GST)</b>								
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	25358.95	PERCENT AGE	25,359

**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**