

# మన బడి నాడు-నేడు

**Measurement Book No : 28236000502001**

District Name	:	<b>CHITTOOR</b>
Mandal Name	:	<b>PEDDAPANJANI</b>
Village Name	:	<b>APPINAPALLE</b>
Name of the Executing Agency	:	<b>Panchayat Raj</b>
Name of School	:	<b>MPPS APPINAPALLE</b>
U-Dise Code	:	<b>28236000502</b>
Technical Sanctioned Amount	:	<b>1997039</b>
Admin Sanctioned Amount	:	<b>1997039</b>
Total Expenditure	:	<b>1699438</b>

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## Abstract

U-Dise Code : 28236000502  
Technical Sanctioned Amount : 1997039  
Admin Sanctioned Amount : 1997039  
Total Expenditure : 1699438  
MBook Number : 28236000502001

Work Code	Work type name	Estimated Cost	Value of work done
201920012610	English Labs	40000	41439
201920030935	Furniture for Students and Staff	301989	156901
201920032568	Drinking Water Supply	308182	321456
201920032692	Providing Electrification with Fans and Tube Lights	19892	76194
201920033109	Paintings to School	178427	107496
201920036370	Construction of Toilet with Running Water	560032	340452
201920041656	Major and Minor Repairs	530048	552387
201920041699	Green Chalk Board	58469	103113
	Total	1997039	1699438

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

# మన బడి నాడు-నేడు

**Work Code** : 201920012610 **Name of the Work** : English Labs  
**Administrative Sanction No** : Proc.No2823008833/MBNN/2020-2021 **Technical Sanctioned** : 96 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** : 201920030935 **Name of the Work** : Furniture for Students and Staff  
**Administrative Sanction No** : Proc.No2823008833/MBNN/2020-2021 **Technical Sanctioned** : 96 No  
**Estimate Amount (in Rs.)** : 3,01,989/- **Work MBook Amount** : 1,56,901/- (in Rs.)

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

## మన బడి నాడు-నేడు

<b>Providing supplying and placing dual desk in class. The overall dimensions of desk will be W 1066mm x D 930mm x H 760/452mm having the following specifications. Side frame structure: Made of prime quality CRCA pressed from section 165mm x 25mm x 1mm thick welded to 25mm x 50mm x 1.2mm thick CRCA tube 890mm length. Seat and back side frame structure also made of prime quality CRCA pressed also made of prime quality CRCA pressed from section 165mm x 25mm x 1mm thick welded to 25.4mm diameter x 1.2mm thick all 8 nos. horizontal supports are 25mm x 25mm x 1.2mm thick shall be of CRCA tube 4 nos CRC tube size 20 x 20 x 1 mm thick insert for full height in Big pillar. Ractangular tube 50 x 25 x 1.2mm thick should be closed with PPCP cap both sides and pipe dia. 25.4 x 1.2mm thick should be closed with metal (Back Side) and other side (Under the seat) PPCP cap. Front panel cum tray shall be made of prime quality 0.8mm thick CRCA sheet of H 150mm x W 1012mm x D 300mm with middle partition and side stiffers of MS CRCA tube size 19mm x 19mm x 1mm thick. One vertical support (partition) of square tube size 25mm square x 1.2 mm thick must be provided at center of tray and front face must be embossed as per drawing. Additional front panel prime quality 0.8mm thick CRCA sheet size H 150mm x W 1012mm x D 21mm with square perforation. CRCA tube size 19 x 19 x 1mm thick to be inserted for full length at bottom of jali. Desktop, seat and back shall be made of IS:303, 18mm thick plywood of MR grade OSL (one side laminated and one side balancing) and three edges must be sealed with 2mm thick PVC edge banding tape with hot melt glue standard D4499 jowatherm -280 on through feed edge banding machine. Edge band must be trimmed on edges and corner. Sizes are below : 1. seat W 1066 mm x D 300mm 2. Desktop W 1008mm x D 380mm 3. Back 1066mm x D150 mm 4. One long edge of Desk top, seat and back shall be post formed with round edge. Hook made of MS wire dia. 5mm and size W 23mm, D 32mm and H80mm must be provided on inner side of vertical pressed formaed steel section on both sides All MS, CRCA parts must be MIG, TIG or spot welded as per technical requirement All stell components must be powder coated in satin finish with pretreatment process. (Excluding GST)</b>								
Dual desks for students	0	0	0	0	0	0		0
Total					0	6930	Nos	0
<b>Head Master Chair for Upper Primary/ High Schools Pedestal Base is with Chrome fnish with 5 wheels and arm material withProppylene and seat material is PU Foam covered with Fabric Material. (Excluding GST)</b>								
Head Master Chair	0	0	0	0	0	0		0
Total					0	13701	Nos	0
<b>Staff Room Chairs/ Visitors Chairs Pedestal Base is with ABS Plasstic with ABS/Nylon Twin Caster wheels Minimum 5 Nos, of 50 mm Size and Arm Material is Propylene, seat material is PU Foam covered with Fabric. (Excluding GST)</b>								
T340	0	0	0	0	0	0		0
Total					0	3000	Nos	0
<b>Almairahs (Steel) for HM Room, Staff room, Library room, Laboratory room, M.S sheet conforming to commercial quality CR- 1,Grade340 of IS 513:2008 (rea??rmed 2013)(Fifth Revision)Amdt. no.1 Sheet thickness of door in 0.8 mm (minimum) (Excluding GST)</b>								
T518	0	0	0	0	0	0		0
Total					0	7850	Nos	0

## మన బడి నాడు-నేడు

<b>MS Racks for HM Room, Staff room, Library room, Laboratory room Material is with 0.8 mm Thick MS Sheet Conforming to Commercial Quality CR-1, Grade 340 of IS 513. size Rolled steel angle posts of 40 X 40 X 3 mm (Excluding GST)</b>									
T519	0	0	0	0	0	0	0		0
Total					0	3748	Nos		0
<b>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)</b>									
Teacher Table	0	0	0	0	0	0	0		0
Total					0	3304	Nos		0
<b>Teacher Chair in classroom, Library room, Laboratory room Seat and Backrest is Made of Polythene cane. (Excluding GST)</b>									
Teacher Chair	0	0	0	0	0	0	0		0
Total					0	1050	Nos		0
<p><b>(Zenith Metaplasta Pvt. Ltd) Supply, delivery and assembling at site Tables for Classrooms as shown in the drawing with the following specifications: The overall dimension should be 900 mm x 590 mm x 740 mm. The table top has to be made of 18 mm thick MR Grade Plywood OSL (Top side laminated and bottom side shall have balancing laminate) with 2mm matching PVC edge band and post forming edge at two - 900mm sides. The under structure should have an all-round supporting Frame made of Cold Rolled Cold Annealed (CRCA) MS sheet of 0.9 mm thick (ESSAR / TATA / SAIL / JINDAL) confirming to IS 513(2008) supporting the table top. The legs of vertical frames made of square tube of size 30mm x 30mm x 1.2mm thick to be connected at bottom using MS ERW Square Tube of size 25.4mm, 25.4mm x 1.2mm thick. Both the vertical leg assemblies to be connected with a cross member made of MS ERW square tube of size 25.4mm x 25.4mm x 1.2mm thick. Connector pipe made of MS ERW square tube 20mm x 20mm x 1mm of 75mm length with M6 threading to be welded at bottom pipe for cross member connecting. Upper modesty panel and Lower modesty panel shall be 600mm from top of the table made with 0.8 mm thick CRCA MS sheet. Stiffeners made of MS ERW square tube of size 20mm x 20mm x 1mm thick to be provided at bottom on both the Modesty panels. The upper modesty should have embossing of diameter 5.2 mm as Nadu-Nedu : 2020. The lower modesty panel should have perforation of square 9mm. Table shall have an open shelf made with 0.80mm thick CRCA MS sheet. The size of storage shall be 690mm x 440mm x 125mm height. The bottom panel of the shelf shall have T-hat section though out the length at front and back as shown in the drawing. Steel used should undergo pre treatment process viz, degreasing, pickling, phosphating etc., for rust resistance and durability. The steel parts shall be finished with a durable electrostatic powder coating with average application of 60 – 90 Microns thickness overall surface. Make of Ply wood : Merino/Green ply/Century/kitply. Make of Laminate &amp; balancer: Merino/ Greenlam/ ASIS/ Century. Epoxy polyester powder coating DFT(Dry Film Thickness) of 60 – 90 microns. as per IS101-1-5(1989). Necessary details are shown in figure below. The total cost of Unit shall include cost of all materials, manufacture, transportation to site, assembling at site including loading, unloading and assembling charges at different floor levels of the building, including GST all other taxes and charges etc., for complete finished table. Raw materials of steel tubes / MS tubes shall be set specifications from (ESSAR / TATA / SAIL / JINDAL brands only). The item shall carry a warranty period of 5 Years (60 months) from the date of completion of supply. (Including GST)</b></p>									

# మన బడి నాడు-నేడు

	duel dusk	23	0	0	0	23	0		0
	Total					23	6821.78	Nos	1,56,901

**Work Code** : 201920032568 **Name of the Work** : Drinking Water Supply  
**Administrative Sanction No** : Proc.No2823008833/MBNN/2020 **Technical Sanctioned** : 96  
**-2021** **No**  
**Estimate Amount (in Rs.)** : 3,08,182/- **Work MBook Amount** : 3,21,456/-  
**(in Rs.)**

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Earth work excavation for foundations and depositing on bank for all lifts and with an initial lead of 10m including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., complete for finished item of work. [Ordinary Soil - Manual means - Upto 3m depth] (Excluding GST)								
	for hand wash	3	0.58	0.5	0.3	0.26	0		0
	for sump	2	3.7	2.6	2.5	48.1	0		0
	Total					48.36	267.54	cum	12,938
	Plain Cement Concrete (1:4:8) using 40mm nominal size SS5 hard broken granite metal including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete for finished item of work (Excluding GST)								
	pcc for hand wash unit	3	0.58	0.5	0.1	0.09	0		0
	pcc for sump	2	3.5	1.84	0.15	1.93	0		0
	Total					2.02	3085.26	cum	6,232
	Providing Impervious coat to exposed RCC roof slab surface with CM(1:3), 20mm thick with 1kg of water proof compound per bag of cement laid over roof when it is green including cost and conveyance of all materials all operational, incidental and labour charges for mixing mortar, laying, rendering smooth and thread lining, curing, rounding off junctions of wall and slab etc., complete for finished item of work. (Excluding GST)								
	Bottom Slab	0	0	0	0	0	0		0
	Side walls	0	0	0	3.5	0	0		0
	T446	0	0	0.58	0	0	0		0
	T446	0	0	0.3	0	0	0		0

## మన బడి నాడు-నేడు

	T446	0	0	0.33	0	0	0		0
	T448	0	0	0.33	0	0	0		0
	T448	0	0	0	0	0	0		0
	T448	0	0	0	0	0	0		0
	T448	0	0	0	0	0	0		0
	Total					0	331.96	sqm	0
	<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>								
	10 mm bars	110	0	0	0	110	0		0
	12mm bars	120.1	0	0	0	120.1	0		0
	8mm bars	32	0	0	0	32	0		0
	for sump 10mm & 12mm	90.68	0	0	0	90.68	0		0
	Total					352.78	48.41	Kgs	17,078
	<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[15.90 mm dia CPVC SDR 13.50]. (Excluding GST)</b>								
	from OHRS to hand wash	0	0	0	0	0	0		0
	from ohsr to purifier	0	0	0	0	0	0		0
	from to toilets	0	0	0	0	0	0		0
	Total					0	53	rmt	0
	<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[22.20 mm dia CPVC SDR 13.50]. (Excluding GST)</b>								
	22.20 MM OD Pipe	0	0	0	0	0	0		0
	From OHSR TO Hand wash 1 & 2	0	0	0	0	0	0		0
	T045	0	0	0	0	0	0		0
	T878	0	0	0	0	0	0		0
	Total					0	85	rmt	0

## మన బడి నాడు-నేడు

	<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[28.60 mm dia CPVC SDR 13.50]. (Excluding GST)</b>								
From OHSR TO HAND WASH UNIT	1	25	0	0	25	0			0
OHSR TO SUMP	1	33	0	0	33	0			0
OHSR TO TOILET	1	30	0	0	30	0			0
TO PURIFIER	1	7	0	0	7	0			0
Total					95	123	rmt		11,685
	<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 150mm thick] (Excluding GST)</b>								
OHSR bottom slab	1	3.45	2.05	0.15	1.06	0			0
OHSR top slab	1	3.15	1.75	0.13	0.72	0			0
Sump Bottom slab	1	2.27	2.86	0.13	0.84	0			0
Sump top slab	1	2.27	2.86	0.13	0.84	0			0
Total					3.46	6693.4	cum		23,159
	<b>Brick masonry in CM (1:6) with bricks of traditional size 23 x 11 x 7 cm 2nd class including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for Basement. (Excluding GST)</b>								
Hand Wash Brick Work	3	0.58	0.23	0.75	0.3	0			0
OHSR LW	1	3.45	0.23	1.15	0.91	0			0
OHSR SW	1	1.49	0.23	1.15	0.39	0			0
Sump 1 Long Walls	2	3.5	0.23	2.3	3.7	0			0
Sump 1 Short Walls	2	2.32	0.23	2.3	2.45	0			0
Sump 2 Long Walls	2	2.88	0.23	1.75	2.32	0			0
Sump 2 Short walls	2	1.79	0.23	1.75	1.44	0			0
Total					11.51	4714.6	cum		54,265



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<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>									
H W U	2	0.87	0.15	0	0.26	0			0
H W U	2	0.37	0.23	0	0.17	0			0
H W U	1	2.3	0.31	0	0.71	0			0
H W Unit	1	2.02	0.13	0	0.26	0			0
Hand w unit	1	2.02	0.23	0	0.46	0			0
Hand wash unit	2	2.02	0.33	0	1.33	0			0
Hand wash unit	1	2.02	0.17	0	0.34	0			0
Total					3.53	556.98	sqm		1,966
<b>Supplying &amp; Fixing 12.7mm NP stop cock Indian make heavy duty including Labour charges (BMW-E.01&amp; E.02)) (Excluding GST)</b>									
<b>Supply and fixing 25 MM diameter NB Size Gunmetal Ball valve with SS Ball and SS Spindle as per Class - I, Indian make heavy type 25 mm NB Size including cost and conveyance of all materials and all labour charges etc., complete for finished item of work. (Excluding GST)</b>									
<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 400 gms	15	0	0	0	15	0			0
Total					15	351.76	Nos		5,276
<b>Supplying and fixing PPR Ball valve as per ISI Class - I , Indian make heavy type including cost and conveyance of all materials , labour charges etc. complete for finished item of work[20mm PPR Ball valve] (Excluding GST)</b>									
<b>Supplying and fixing PPR Ball valve as per ISI Class - I , Indian make heavy type including cost and conveyance of all materials , labour charges etc. complete for finished item of work[40 mm PPR Ball valve] (Excluding GST)</b>									
For all	5	0	0	0	5	0			0
Total					5	445	Nos		2,225

## మన బడి నాడు-నేడు

<p>Drinking water system for schools having source water TDS below 400 ppm : Type- I: Supplying and fixing of Drinking water system with the set Design, Drawing and Specifications, Cost includes loading, Transportation, supply, unloading charges etc., Erection, Commissioning, Testing including TDS range of the Purified water at the school premises, and all incidental charges, including GST etc., all other taxes and charges for complete finished item of work, with a warranty period of 05 (five) years and further extendable AMC for a period of 05(five) years on mutually agreed terms and conditions. Tank overall dimensions : 643.8mmx529.4mmx 1612.2mm (including top cover and leg). Raw water tank (40 liters capacity) : Outer size : 226.4 mm x 477.4 mm x 421.2mm. Pure water tank (60 liters capacity): Outer size : 338.4 mmx 477.4 mm x 421.2mm mm. Tank Frame : The overall Tank frame shall be made with stainless steel tube of size 25 mm x 25 mm x 1.6 mm thickness with all verticals and horizontals and also stiffeners at bottom of raw water tank &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 ACESSORIES; optimum rating. One TDS meter. The entire tank should be covered with stainless steel sheet of 1.0 mm thick of 304 grade, all-round 03 sides of tank unit including off-sets etc., and the Back door shall be made up of 1.20mm thick SS 304 grade complete with stiffeners of 12mm x 12mm x 1.5mm thickness. Top and Back panel shall be openable with locking system. 4 Nos. of 150mm height legs should be provided. Pedal push heavy duty taps shall be provided; All the pipes used are SS 304 Except the Drain pipe from dispenser , which can be UPVC of 40mm dia. (Excluding GST)</p>									
	purified drinking water system	0	0	0	0	0	0		0
	Total					0	65373	Nos	0

## మన బడి నాడు-నేడు

<p>(Livpure Pvt Ltd) Drinking water Supply System Type-III - B) DRINKING WATER SYSTEM FOR SCHOOLS HAVING SOURCE WATER TDS BELOW 400 PPM : TYPE- III - Supplying and fixing of Drinking water system with the specifications detailed and the Cost includes manufacturer, transportation, Supply, Erection, Commissioning and Testing at the school premises, loading &amp; unloading charges etc., all incidental charges, including GST etc., all other taxes and charges for complete finished item of work, with a warranty period of 05(five) years and further extendable AMC for a period of 05(five) years on mutually agreed terms and conditions. [1] Raw water tank: Dimensions: (as shown in figure) Capacity : 500Liters, Dia.of tank : 765mm, Height : 1050mm, Diameter of Lid :500 mm (dia.), Embossing letters on Tank: Nadu -Nedu2020 (B)Specifications : The entire Tank and Lid shall be made with SS sheet of 304 grade (1.20mm) (C) Stand - Height: 550 mm, Ring of diameter 768mm made with SS tube of size 25mm x 25mm x 1.6mm thick of approved brand made of SS tube of size 25mm x 25mm x 1.6mm, thick of approved brand Water Treatment unit with Ultra Violet System, Vessel / dual media of 255.00 mm dia. and 1370.00 mm height (i.e., 10 x 54) – make Pentair, Jumbo filter housing with 5/10 micron –make PRATAM/MM, UV system with 1000 LPH capacity with SS body 500 mm height – Mud filter-1. All the above shall be mounted in SS framed stand (compact skid mounted) equipment made with 40mm size square SS pipe of 304 grade and fitted with SS pipe lines (SS 304 grade) with necessary fittings, with 5 years warranty, Mud Filter : MMP / Pratham with 5 years warranty, Dual MediaFilter, Centrifugal pump 0.5 HP (Make-CRI / Lubi / Leo ) with 5 years warranty, Pressure gauge, TDS meter, Booster pump 0.5 hp with 5 years warranty, Socket - 01No., Battery-12V-7ah [ONE(01) in number along with all Charging accessories] OR optimum rating., Treated Water Tank: [A]Dimension: (As shown in figure), Capacity: 300 Liters, Shell diameter : 765mm, Height of shell: 650mm, Diameter of : 500 mm Lid (Top opening) Locking system :with Heavy stainless Top Lid(Tank Opening)steel Hinge and padlock, Embossing letters on Tank: Nadu -Nedu2020 (B)Specifications :Tank with Lid shall be made with SS sheet of 304 grade with 1.20mm thickness and the SS sheet shall be Jindal / Salem SAIL; with locking system as shown infigure., (C)Stand: Height ofstand : 1310mm, Stand shall be made with SS 304 grade tube of size 25mm x 25mm x 1.6mm thickness for the top in circular shape and SS tube 304 grade of size 25mm x 25mm x 1.6mm thickness 4 Nos. for legs of height 1310 mm and for stiffeners at middle and bottom as shown in figure (SS 304 grade Pipe shall be of approved brand viz., Jindal / TATA / Salem SAIL / VizagSteel), Outlet pipe made with SS pipe of diameter 40.0mm (1½) and inlet pipe made with SS pipe of diameter 25.40 mm (1) of approved brand SS drain pipe of diameter 40mm(1½), shall be provided with functional valve., [4] Water Dispenser(Size 3000mm x 450mm x1200mm): [SSSink], Government High Schools, SS Water Dispenser of size 3000mm x 450mm x 1200mm as shown in figure made with SS sheet of 1.0mm thick 304 grade and sink of size 245mm x 150mm x 430mm including 8 nos. of taps connected to foot pedestal (Pedal photo as shown in figure) of SS coated Gun metal push or any better quality taps with 40mm (1½) diameter SS connecting pipe up to 3mtrs length with necessary SS clamps at 3 supports and the frame shall be made with 40mm x 40mm x 1.2mm thick size SS grade 304 square tubes and levers at bottom of frame for level adjustment. The equipment shall be made as per drawing shown infigure. (Including GST)</p>									
Drinking water unit	1	0	0	0	1	0			0
Total					1	136703	Nos		1,36,703
Brick masonry in CM (1:8) with bricks of traditional size 23 x 11 x 7 cm 2nd class including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for Superstructure. (Excluding GST)									
Ohsr pillars	4	0.65	0.65	0.68	1.15	0			0
Total					1.15	5057.07	cum		5,816

## మన బడి నాడు-నేడు

	<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>								
	<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>								
	H wash b w	3	1.38	0	0.55	2.28	0		0
	OHSR	2	3.05	0	1.15	7.01	0		0
	OHSR	2	2.05	0	1.15	4.71	0		0
	PILLERS	4	2.6	0	0.68	7.07	0		0
	Total					21.07	309.79	sqm	6,527
	<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 for First Floor]. (Excluding GST)</b>								
	<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 for Second Floor]. (Excluding GST)</b>								
	For OHSR	1	3.45	0	1.15	3.97	0		0
	For OHSR	1	2.05	0	1.15	2.36	0		0
	Total					6.33	362.34	sqm	2,294
	<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>								
	H W U	1	2.58	0.17	0	0.44	0		0
	H W U	1	2.53	0.32	0	0.81	0		0
	H W U	1	2.53	0.17	0	0.43	0		0
	H W U	1	2.53	0.16	0	0.4	0		0
	H W U	1	2.53	0.2	0	0.51	0		0
	Total					2.59	1909.51	sqm	4,946

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<b>Plastering with CM(1:4) Prop: 12mm thick in single coat including cost and conveyance of all materials like cement, sand, water etc., to site, including seigniorage charges, sales &amp; other taxes on all materials, all operational, incidental charges and labour charges such as mixing mortar, finishing, curing, etc., complete for finished item of work Over Brick Masonry. (APSS 901,906) (Excluding GST)</b>									
OHSR	2	1.59	0	1	3.18	0			0
OHSR INTERNAL	2	2.6	0	1	5.2	0			0
SUMP 1	2	1.85	0	1.7	6.29	0			0
SUMP 1	2	2.4	0	1.7	8.16	0			0
SUMP 2	2	3	0	2.35	14.1	0			0
SUMP 2	2	2.34	0	1.9	8.89	0			0
Total					45.82	230.27	sqm		10,551
<b>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)</b>									
Handwash Brick Work Plastering	3	1.38	0	0.55	0	0			0
OHSR	0	3.05	0	1.15	0	0			0
OHSR	2	1.59	0	1.15	0	0			0
PILLERS	0	2.6	0	0.68	0	0			0
Sump 1 Internal Long Walls Plastering	2	3.04	0	2.3	0	0			0
Sump 1 Internal Short Walls Plastering	2	2.32	0	2.3	0	0			0
Sump 2 Internal Long Walls Plastering	2	3.04	0	2.3	0	0			0
Sump 2 Internal Short Walls Plastering	2	2.32	0	2.3	0	0			0
Total					0	106.35	sqm		0
<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	19795.01	PERCENT AGE		19,795

# మన బడి నాడు-నేడు

Work Code : 201920032692 Name of the Work : Providing Electrification with Fans and Tube Lights

Administrative Sanction No : Proc.No2823008833/MBNN/2020 Technical Sanctioned : 96  
-2021 No

Estimate Amount (in Rs.) : 19,892/- Work MBook Amount : 76,194/-  
(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)								
	for all rooms	1	53	0	0	53	0		0
	Total					53	66.86	mtr	3,544
	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)								
	T116	4	3	0	0	12	0		0
	T116	3	5	0	0	15	0		0
	Total					27	71.44	mtr	1,929
	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)								
	For class	1	165	0	0	165	0		0
	Total					165	64.93	mtr	10,713
	Supply and run of 1 of 2.5 sq.mm (phase neutral and earth) FRLS / HFFR / ZHFR P.V.C. insulated 1100V grade as per IS : 694 / 1990 specification flexible copper cable in existing MS conduit pipe for individual lighting circuits including labour charges etc., complete as required for switch boards. (Excluding GST)								
	5 pin sockets	11	0	0	0	0	0		0
	bulb holder	5	0	0	0	0	0		0
	fanpoints	20	0	0	0	0	0		0
	For class	1	145	0	0	0	0		0
	regulator	12	0	0	0	0	0		0
	rooms	1	24	0	0	24	0		0
	switches	35	0	0	0	0	0		0
	T436	3	0	0	0	0	0		0

## మన బడి నాడు-నేడు

	T436	5	0	0	0	0	0		0
	Total					24	32.52	rmt	780
	<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	0	0	0	0	0	0		0
	groove cutting	0	0	0	0	0	0		0
	Light oilts with holder bulbs	0	0	0	0	0	0		0
	T237	0	0	0	0	0	0		0
	T237	4	0	0	0	4	0		0
	Total					4	611.17	Nos	2,445
	<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>								
	6A 3 pin Sockets	0	0	0	0	0	0		0
	Total					0	284.35	Nos	0
	<b>Supply and fixing of 6A 3 pin wall plug socket with a 6A switch control on a common switch board with earth continuity including wire leads, earth connections along with all labour charges etc., complete. (Excluding GST)</b>								
	T120 Electrical moter	1	0	0	0	1	0		0
	T120 plugs	16	0	0	0	16	0		0
	Total					17	108.34	Nos	1,842
	<b>Supply and Transportation of 1x40W patty type tube light luminaire with copper choke, starter etc., including 1 No. 40W tube etc., complete. (Excluding GST)</b>								
	FOR CLASS 1 2 3 & 4	8	0	0	0	8	0		0
	Total					8	265	Nos	2,120
	<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>								
	For all class rooms	7	0	0	0	7	0		0
	Total					7	209.75	Nos	1,468
	<b>Supply and transportation of 60 W LED Street light Luminaire made of pressure diecast alluminium body with powder coated, having protective toughned glass (Excluding GST)</b>								
	In front of class	2	0	0	0	2	0		0
	Total					2	5900	Nos	11,800

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	<b>Supply of 1200mm (48) Sweep 230V, A.C 50 Hz Ceiling Fan with 3 blades and double ball bearings with all standard accseeries. (Excluding GST)</b>							
	For all rooms	4	0	0	0	4	0	0
	Total					4	2020 Nos	8,080
	<b>Labour charges for fixing of ceiling fan and regulator including transportation and giving connections with twin core wire etc., complete. (Excluding GST)</b>							
	Fans	14	0	0	0	14	0	0
	Total					14	138.88 Nos	1,944
	<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>							
	For all rooms	1	0	0	0	1	0	0
	Total					1	4107.07 Nos	4,107
	<b>Providing independent earthling by excavating a trench to a depth of 2.5 M in all soils, as per size specified in the Data, using 40mm GI B Class Pipe of 2.5 Mtrs length with necessary accessories duly providing staggered holes including filling with equal proportion of Salt and Charcoal in layers and all labour charges etc., complete. (Excluding GST)</b>							
	For all rooms	1	0	0	0	1	0	0
	Total					1	4400.75 Nos	4,401
	<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>							
	Ceiling Fans	10	0	0	0	10	0	0
	Ceiling Fans	0	0	0	0	0	0	0
	Total					10	1440 Nos	14,400
	<b>Provision for GST @ 12.00%</b>							
	Provision for GST	1	0	0	0	1	0	0
	Total					1	6620.79 PERCENT AGE	6,621



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Work Code : 201920033109 Name of the Work : Paintings to School  
 Administrative Sanction No : Proc.No2823008833/MBNN/2020-2021 Technical Sanctioned : 96 No  
 Estimate Amount (in Rs.) : 1,78,427/- Work MBook Amount : 1,07,496/- (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				
	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)								
	window deductions	0	0	0	0	0	0		0
	deduction	0	0	0	0	0	0		0
	deduction	0	0	0	0	0	0		0
	deduction	0	0	0	0	0	0		0
	door grills	0	0	0	0	0	0		0
	grills	0	0	0	0	0	0		0
	painting for door iron	0	0	0	0	0	0		0
	painting for wooden window	0	0	0	0	0	0		0
	romm 1 out side	0	0	0	0	0	0		0
	room 1	0	0	0	0	0	0		0
	room2	0	0	0	0	0	0		0
	room2	0	0	0	0	0	0		0
	sheets	0	0	0	0	0	0		0
	T110 deduction for door	0	0	0	0	0	0		0
	T110 out side measurement	0	0	0	0	0	0		0
	T110 out side measurement	0	0	0	0	0	0		0
	T110 ventilator deduction	0	0	0	0	0	0		0
	wall	0	0	0	0	0	0		0
	window deductions	0	0	0	0	0	0		0
	wooden for door	0	0	0	0	0	0		0

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	Total					0	8.78	sqm	0
	<b>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)</b>								
	celing	0	0	0	0	0	0		0
	celing room 1	0	0	0	0	0	0		0
	deduction doors	0	0	0	0	0	0		0
	deduction doors	0	0	0	0	0	0		0
	deduction doors	0	0	0	0	0	0		0
	grills	0	0	0	0	0	0		0
	metal door paint	0	0	0	0	0	0		0
	metal door paints T1099	0	0	0	0	0	0		0
	metal door points	0	0	0	0	0	0		0
	Rooms inside ceiling - Block1	0	0	0	0	0	0		0
	Rooms inside ceiling - Block2	0	0	0	0	0	0		0
	Slab projection - Block1	0	0	0	0	0	0		0
	Sunshades Backside - Block1	0	0	0	0	0	0		0
	Sunshades Frontside - Block1	0	0	0	0	0	0		0
	T beams - Block1	0	0	0	0	0	0		0
	T beams - Block1	0	0	0	0	0	0		0
	T109 inner celing room	0	0	0	0	0	0		0
	Verandah - Block1	0	0	0	0	0	0		0
	Verandah - Block2	0	0	0	0	0	0		0
	Total					0	10.21	sqm	0
	<b>Painting to walls with a base coat of approved cement primer grade I after thouroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work for internal walls in Ground Floor. (Excluding GST)</b>								
	Door grills	1	2.9	1.45	0	0	0		0
	column	0	1.25	0.6	0	0	0		0
	column	1	1.2	0.9	0	0	0		0
	door for woden	0	1.2	0.9	0	0	0		0

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	grills	0	0	2.12	0	0	0		0
	grills	0	0.55	1.25	0	0	0		0
	grills room 2	0	0	1.45	0	0	0		0
	Rooms inside alround Walls - Block3	0	6.45	3.5	15.2	0	0		0
	Rooms inside ceiling - Block1	0	4.87	6.1	0	0	0		0
	Rooms inside ceiling - Block3	1	6.3	4.72	0	0	0		0
	Rooms inside ceiling - Block4	0	6.32	3.45	0	0	0		0
	sun shade	0	0	0.9	0	0	0		0
	T110	0	5.7	3.26	0	0	0		0
	T419 Grills	1	1.6	2.1	0	0	0		0
	upper wall	0	6.5	1.5	0	0	0		0
	varanda 1	3	6.3	4.56	0	0	0		0
	varanda 2	0	6.3	3.56	0	0	0		0
	varanda 3	0	0	3.25	0	0	0		0
	Verandah Ceiling - Block1	0	6.3	4.72	0	0	0		0
	Verandah Ceiling - Block3	0	6.3	4.72	0	0	0		0
	Verandah Ceiling - Block4	0	6.32	3.45	0	0	0		0
	Verandah Walls - Block3	0	5.6	1.5	0	0	0		0
	Total					0	49.31	sqm	0
	<b>Painting to walls with a base coat of approved cement primer grade II after thouroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work for external walls in Ground Floor. (Excluding GST)</b>								
	compound wall	0	0	0	0	0	0		0
	compound wall	0	2.58	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	2.64	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	2.73	0	0	0	0		0
	compound wall	0	2.54	0	0	0	0		0

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	compound wall	0	0	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	2.74	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	2.59	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	2.78	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	2.65	0	0	0	0		0
	compound wall	0	2.55	0	0	0	0		0
	compound wall	0	2.55	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	compound wall	0	2.68	0	0	0	0		0
	compound wall	0	0	0	0	0	0		0
	Sunshades over windows - Block1	0	2.4	1.8	0	0	0		0
	T422 compound wall	0	0	0	0	0	0		0
	Total					0	53.25	sqm	0
<b>Painting to walls with Two coats of acrylic emulsion paint with silicon additives having VOC less than 50 grams/ liter of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work as per SS911 for internal walls in Ground Floor. (Excluding GST)</b>									
	Internal wall	1	313.26	0	1	313.26	0		0
	Total					313.26	87.03	sqm	27,263
<b>Painting to walls with Two coats of acrylic emulsion paint weather proof water-based with silicon additives having VOC less than 50 grams/ liter of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work as per SS911 for external walls in Ground Floor. (Excluding GST)</b>									
	Ceiling	1	1	0	0	0	0		0

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	Compound wall	1	259	0	1	259	0		0
	External wall	1	371.34	0	1	371.34	0		0
	Total					630.34	85.02	sqm	53,592
	<b>(Berger Paints India) Doors &amp; Windows with wood primer, enamel (in case of Wooden Doors) : -Specification:- Painting to wood work with two coats of ready mixed Synthetic Enamel paints in all shades Grade - I Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools/equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and excluding taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company with a warranty period of 7 Years for entire painting &amp; Paint Coloring Total 3 (three) coats:1. Primary Coat 2. Ready mixed Synthetic Enamel paint 2(two coats) Interior / Exterior Requirements for Enamel, Synthetic, Exterior (a) under coating (b) Finishing (Including GST)</b>								
	wooden	1	28.7	0	1	28.7	0		0
	Total					28.7	96.02	Sqm	2,756
	<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>								
	Wooden doors and windows	1	48.07	0	1	48.07	0		0
	Total					48.07	90.01	Sqm	4,327
	<b>(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 &amp; 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)</b>								
	Iron doors and windows	1	113.25	0	1	113.25	0		0
	Total					113.25	87.03	Sqm	9,856
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0

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	Total					1	9702.54	PERCENT AGE	9,703
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Work Code	: 201920036370	Name of the Work	: Construction of Toilet with Running Water
Administrative Sanction No	: Proc.No2823008833/MBNN/2020-2021	Technical Sanctioned	: 96 No
Estimate Amount (in Rs.)	: 5,60,032/-	Work MBook Amount	: 3,40,452/- (in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Earth work excavation and depositing on bank with initial lead of 10m and initial lift of 3m in Loamy & Clayey Soils like BC Soils, Red Earth & Ordinary Gravelly Soils ( SS 20-B) including all operational incidental labour charges such as shoring, strutting, sheeting, planking and dewatering including cost of hire charges of T & P, labour charges etc., complete for finished item of work including seignorage charges excluding dewatering charges etc., complete for Foundation of Building.(APSS No. 308) (Excluding GST)								
	Columns Back Side	1	6	4.1	0.8	19.68	0		0
	Columns Front Side	0	0	0.65	0.6	0	0		0
	For Walls	0	5.8	0.6	0.75	0	0		0
	Septic Tank	1	3.4	2.8	1.5	14.28	0		0
	Soakpit	1	2.25	1.5	1.35	4.56	0		0
	Total					38.52	152.88	cum	5,889
	Grouting the holes with neat cement slurry excluding cost of steel with 20 mm dia meter (Excluding GST)								
	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 Walls	1	0	0.6	0.15	0	0		0
	Inside Wall	1	0	0.6	0.15	0	0		0
	p.c.c for right and left	1	4.45	0.65	0.15	0.43	0		0
	p.c.c for septic tank	2	3.05	1.92	0.1	1.17	0		0

## మన బడి నాడు-నేడు

	T068 p.cc for front and back side	2	6.2	0.65	0.15	1.21	0		0
	Toilet inside after deduct walls	1	5	3.7	0	0	0		0
	Toilets inside	0	0	0	0	0	0		0
	Total					2.81	2956.77	cum	8,309
	<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>								
	R.R masonry for front & back	2	5.85	0.6	0.6	4.21	0		0
	R.R masonry for right & left & middle	2	3.2	0.6	0.6	2.3	0		0
	Room alround (below GL & above GL)	0	8.8	0.45	1.05	0	0		0
	Septic tank Alround	0	3.5	0.45	1.05	0	0		0
	Soakpit Alround	0	3.5	0.45	1.05	0	0		0
	verandah alround (below GL & above GL)	0	5.13	0.45	1.05	0	0		0
	Total					6.51	3388.49	cum	22,059
	<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>								
	Inside Basement	1	5	3.7	0.15	2.77	0		0
	Others, if any	0	2.5	1.5	0.45	0	0		0
	T045	0	5.7	0.17	0.6	0	0		0
	T045	0	5.8	0.17	0.6	0	0		0
	Total					2.77	696.7	cum	1,930
	<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>								

## మన బడి నాడు-నేడు

	Roof slab area( with 0.30m alround projection)	1	6.3	4.26	0.13	3.35	0		0
	septic tank	1	2.25	1.5	0.13	0.44	0		0
	Soak pit	1	3.4	2.8	0.13	1.24	0		0
	T224	0	0	0.17	0.15	0	0		0
	T224	0	0	0.14	0.17	0	0		0
	Total					5.03	7369.05	cum	37,066
	<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>								
	B.W for front &back	2	5.7	0.23	2.4	6.29	0		0
	B.W for left & right	3	3.2	0.23	2.4	5.3	0		0
	B.W for septic tank	2	2.5	0.23	1.43	1.64	0		0
	brick work	0	0	0	0	0	0		0
	brick work for left & right	2	2.6	0.23	1.87	2.24	0		0
	Deduct Main Door	2	0.74	0.23	1.87	-0.64	0		0
	Deduct Toilet Doors	2	0.74	0.23	1.7	-0.58	0		0
	deduction for hole	0	0.3	0.23	0.3	0	0		0
	Partioin wall	2	1.5	0.23	1.87	1.29	0		0
	Room M.D deduction	2	0.75	0.23	2.13	-0.73	0		0
	septic tank for brick work	2	3.05	0.23	1.43	2.01	0		0
	Toilet Block Allround	0	3.05	0.23	1.43	0	0		0
	Toilet Block long walls(i/s)	0	5.27	0.23	2.5	0	0		0
	Toilet Partition walls	2	1.75	0.23	1.87	1.51	0		0
	ventilator	4	0.6	0.23	0.45	-0.25	0		0
	Total					18.08	5057.07	cum	91,432
	<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>								
	Backside column projection	0	0	0	0	0	0		0
	Basement front	0	0	0	0	0	0		0
	out side room 1	2	5.7	0	2.4	27.36	0		0



## మన బడి నాడు-నేడు

	palstering inner side room 1	2	3.2	0	2.4	15.36	0		0
	plastering for room	2	2.1	0	2.4	10.08	0		0
	plastering inner side	2	2.1	0	2.4	10.08	0		0
	plastering for room 2	2	3.2	0	2.4	15.36	0		0
	plastering for room 2	2	3.2	0	2.4	15.36	0		0
	Total					93.6	309.79	sqm	28,996
	<b>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)</b>								
	Deduct Toilets Doors	0	0	0	1.58	0	0		0
	Inside Toilets allround	0	0	0	1.5	0	0		0
	Inside Urinal portion	0	0.6	0	0.6	0	0		0
	out side room 1	0	4.85	0	0	0	0		0
	out side room 2	0	0	0	0	0	0		0
	out side room 2	0	0	0	0	0	0		0
	Outside Main toilet block allround	1	5.7	0	3.66	0	0		0
	Total					0	106.35	sqm	0
	<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>								
	flooring for room	2	2.6	0	1.58	8.22	0		0
	flooring for room 2	4	1.35	0	1.17	6.32	0		0
	Toilets inside	4	0.2	1	0.6	0.48	0		0
	Total					15.02	714.34	sqm	10,729
	<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>								
	Deduct Toilets Doors	0	1.58	0.1	0.4	0	0		0

## మన బడి నాడు-నేడు

	Deduct Toilets Entrance Door	0	1.1	0.1	1.5	0	0		0
	Inside Toilets Allround	0	5.4	0.1	3.2	0	0		0
	Inside Urinal side wall	0	1.58	0	3.2	0	0		0
	toilets	2	14	0	1.5	42	0		0
	Total					42	556.98	sqm	23,393
	<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	0	0	0	0	0	0		0
	Doors for Toilets	0	0	0	0	0	0		0
	For class 2 & 3	215	0	0	0	215	0		0
	Ventilators	22	0	0	0	22	0		0
	Total					237	70.08	Kgs	16,609
	<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	4	0.58	0	1.7	3.94	0		0
	Total					3.94	3030	sqm	11,938
	<b>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 &amp; 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)</b>								
	Inside Toilets allround	0	5.6	0.6	3.1	0	0		0
	Total					0	121.78	sqm	0
	<b>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 &amp; 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)</b>								
	Basement front	0	4.5	1.1	3.1	0	0		0

## మన బడి నాడు-నేడు

	Outside back	0	5.72	1.1	3.1	0	0		0
	Total					0	219.04	sqm	0
	<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>								
	10 mm hysd bar	0	0	0	0	0	0		0
	12mm HYSD bars	145	0	0	0	145	0		0
	8mm HYSD bars	64	0	0	0	64	0		0
	Total					209	48.41	Kgs	10,118
	<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>								
	Toilet air pipe	1	11	0	0	11	0		0
	Total					11	89.1	rmt	980
	<b>Supplying and fixing of 110 mm SWR/ PVC pipes (as per ISI standards) 4 Kg/Sq.cm. Prince/sudhakar or any ISI brand and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per site requirement, fixing with PVC clamps if necessary with required number of Bombay nails including cost and conveyance of all materials to site, labour charges etc.complete for finished item of work at all floor levels. (APSS No. 1302 1319 &amp; 1326) (Excluding GST)</b>								
	for toilet 1 & 2	1	12	0	0	12	0		0
	Total					12	169.13	rmt	2,030
	<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[28.60 mm dia CPVC SDR 13.50]. (Excluding GST)</b>								
	CPVC Pipes for Hand Wash	1	0	0	0	0	0		0
	CPVC Pipes for Toilets	1	95	0	0	95	0		0
	Total					95	123	rmt	11,685
	<b>Supplying and fixing of European Water Closet of 1st quality confirming to IS: 2556-Part-2-1973 of Hindustan / Neycer or Parryware make white glazed with S trap lying and fixing best Indian make plastic seal and lid for European water closets with rubb, 10 Litres capacity Single Flush white PVC low level flushing system parryware, slimline with internal components and short bend including cost and conveyance of all materials to site, all labour charges, sales and other taxes on all materials etc., complete for finished item of work for all floors. (Excluding GST)</b>								
	EWC for Toilet	1	0	0	0	1	0		0

## మన బడి నాడు-నేడు

	Total					1	2469	Nos	2,469
	<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.[Providing Impervious coat in First Floor] (Excluding GST)</b>								
	For OHSR Inside (1x1x8x1.2)	0	3.45	0.65	0.68	0	0		0
	For OHSR Inside Bottom (2x2)	0	2.05	0.17	0.17	0	0		0
	Total					0	357.89	sqm	0
	<b>Supplying and fixing Indian make Flat Back Wash Hand Basin 1st quality conforming to IS:2556-Part-4:1972 of size 550mm x 400mm with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Esso or equivalent complete with standard CI brackets including wooden block ,1 No.12.70mm PVC connection with brass union nuts CP coated , 1 No.12.70mm NP bib tap 300 gms Seiko or equivalent including cost and conveyance of all materials to site, labour charges etc. complete for finished item of work (Excluding GST)</b>								
	bowl urinal	0	0	0	0	0	0		0
	Flat back bowl urinals	0	0	0	0	0	0		0
	FOR ALL	2	0	0	0	2	0		0
	Total					2	1894	Nos	3,788
	<b>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)</b>								
	in new toilet block	1	15	0	0	15	0		0
	Total					15	66.86	mtr	1,003
	<b>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)</b>								
	toilet block	0	0	0	0	0	0		0
	Total					0	71.44	mtr	0
	<b>Labour charges only for fixing European Water Closet with P or S trap as per standard practice (BMW- D.15) (Excluding GST)</b>								
	EWC	1	0	0	0	1	0		0
	Total					1	264	Nos	264
	<b>Labour charges only Fixing flat back Bowl/ Half stall urinals with fixing C.P. Spreader and screws complete (BMW- D.36) (Excluding GST)</b>								

## మన బడి నాడు-నేడు

	Urinals	2	0	0	0	2	0		0
	Total					2	127	Nos	254
	<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 basin	2	0	0	0	2	0		0
	Total					2	319	Nos	638
	<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 bowl	2	0	0	0	2	0		0
	Total					2	712.72	Nos	1,425
	<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>								
	For toilets	0	0	0	0	0	0		0
	Total					0	1478.17	Nos	0
	<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>								
	Doors	2	0.75	0	2.4	-3.6	0		0
	north & south	2	3.66	0	2.2	16.1	0		0
	Toilet block east and west	2	5.7	0	2.2	25.08	0		0
	Ventilators	4	0.6	0	0.45	-1.08	0		0
	Total					36.5	304.74	sqm	11,123
	<b>Providing plinth protection with a bed of 100mm thick PCC (1:5:10) using 40mm size HBG metal and on top of PCC, 20 mm thick granolithic concrete flooring with CC (1:1:2) prop; machine crushed metal of size 6mm to 12 mm laid monolithically already laid in alternate panels and finishing the top surface to required smoothness and slopes including grooves, thread lining as cost and conveyance of all materials to site including seignorage charges, sales &amp; other taxes and all materials and operational &amp; incidental and labour charges like mixing of cement concrete, laying ,curing lift charges etc., complete including of CC bed for finished item of work (Excluding GST)</b>								
	P.C.C room 1	0	0	2.5	0	0	0		0

## మన బడి నాడు-నేడు

	P.C.C room 2	0	3.5	2.5	0	0	0		0
	Total					0	548.94	sqm	0
	<b>Plastering with CM(1:4) Prop: 12mm thick in single coat including cost and conveyance of all materials like cement, sand, water etc., to site, including seigniorage charges, sales &amp; other taxes on all materials, all operational, incidental charges and labour charges such as mixing mortar, finishing, curing, etc., complete for finished item of work Over Brick Masonry. (APSS 901,906) (Excluding GST)</b>								
	Deduct toilet ddors	0	0	0	0	0	0		0
	Inside toilet alround	0	1.58	0	0	0	0		0
	Total					0	230.27	sqm	0
	<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	36324.22	PERCENT AGE	36,324

<b>Work Code</b>	: 201920041656	<b>Name of the Work</b>	: Major and Minor Repairs
<b>Administrative Sanction No</b>	: Proc.No2823008833/MBNN/2020 -2021	<b>Technical Sanctioned</b>	: 96 No
<b>Estimate Amount (in Rs.)</b>	: 5,30,048/-	<b>Work MBook Amount</b>	: 5,52,387/- (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				
	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)								
	bed concrete	1	6.24	4.66	0	29.08	0		0
	granite	1	2.24	0.3	0	0.67	0		0
	granite for flooring	1	6.24	3.5	0	21.84	0		0
	granitr for room 4	1	6.24	3.5	0	21.84	0		0

## మన బడి నాడు-నేడు

	hand wash basin for granite	3	0.65	1.02	0	1.99	0		0
	horizontal	1	1.8	0.1	0	0.18	0		0
	in side	1	4.55	1.02	0	4.64	0		0
	in side left& right	1	0.37	0.04	0	0.01	0		0
	left side	1	1.8	0.45	0	0.81	0		0
	out side	1	2.85	0.33	0	0.94	0		0
	rasing	1	1.32	0.13	0	0.17	0		0
	rasing	1	1.32	0.2	0	0.26	0		0
	rasing	1	1.32	0.4	0	0.53	0		0
	room4 garnite	1	1.32	0.4	0	0.53	0		0
	top	1	2.85	0.18	0	0.51	0		0
	up side	1	2.63	0.17	0	0.45	0		0
	Total					84.45	5.5 Sqm		464
	<b>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 &amp; contractors profit complete for finished item of work[Not exceeding 3 sqm] (Excluding GST)</b>								
	window replacement	5	0	0	0	5	0		0
	Total					5	154.75 Nos		774
	<b>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)</b>								
	groove cutting	1	1.4	0	0	1.4	0		0
	groove cutting	1	1.7	0	0	1.7	0		0
	groove cutting	1	3.1	0	0	3.1	0		0
	groovr cutting	1	2.42	0	0	2.42	0		0
	Total					8.62	38 rmt		328
	<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>								
	deduction	0	2.2	1.9	0.3	0	0		0
	filling with gravel	0	5.03	2.98	0.3	0	0		0

## మన బడి నాడు-నేడు

	Hand wash basin earth work	0	0.58	0.5	0.3	0	0		0
	parking tile	0	13.5	2.6	2.6	0	0		0
	stage for brick work	0	5.28	3.15	0.3	0	0		0
	sump work	0	3.1	2.3	2.1	0	0		0
	Total					0	152.88	cum	0
<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>									
	p.c.c for hand wash basin	0	0.58	0.5	0.1	0	0		0
	p.c.c for old building for sump	0	3.7	2.6	0.15	0	0		0
	p.c.c sump work for new building	0	3.1	2.3	0.15	0	0		0
	Sump (5000 Litres)	0	2.5	2.5	2.5	0	0		0
	Total					0	2956.77	cum	0
<b>Plastering with CM(1:4) Prop: 12mm thick in single coat including cost and conveyance of all materials like cement, sand, water etc., to site, including seigniorage charges, sales &amp; other taxes on all materials, all operational, incidental charges and labour charges such as mixing mortar, finishing, curing, etc., complete for finished item of work Over Brick Masonry. (APSS 901,906) (Excluding GST)</b>									
	before toilet	1	4.5	0	0.5	2.25	0		0
	before toilet	1	3.95	0	0.5	1.98	0		0
	before toilet	1	3.95	0	0.5	1.98	0		0
	hand wash	1	4.58	0	0.5	2.29	0		0
	hand wash	1	4	0	0.5	2	0		0
	hand wash	1	4	0	0.5	2	0		0
	out side plastering room 4	0	0	0	0	0	0		0
	p.w	1	2.95	0	0.3	0.89	0		0
	p.w	1	2.95	0	0.3	0.89	0		0
	p.w	1	6.95	0	0.3	2.08	0		0
	plastering for parking	1	13.6	0	0.3	4.08	0		0
	plastering for parking	1	12.5	0	0.3	3.75	0		0
	plastering for parking	1	3.4	0	0.3	1.02	0		0
	Total					25.21	230.27	sqm	5,805



## మన బడి నాడు-నేడు

Brick masonry in CM (1:8) with bricks of traditional size 23 x 11 x 7 cm 2nd class including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for Superstructure. (Excluding GST)									
brick work for hand wash basine	0	0	0	0	0	0	0		0
flag pole for b.w step 1	0	0	0	0	0	0	0		0
kitchen sheet for b.w	0	0	0	0	0	0	0		0
left & right	0	0	0	0	0	0	0		0
old sump brick work	0	0	0	0	0	0	0		0
p.w for before toilet	1	4.85	0.23	0.3	0.33	0			0
p.w foe drinking	1	3.95	0.23	0.3	0.27	0			0
p.w for before toilet	1	4	0.23	0.3	0.28	0			0
p.w for before toilet	1	4	0.23	0.3	0.28	0			0
p.w for drinking	1	3.95	0.23	0.3	0.27	0			0
p.w fpr deinking in front	1	4	0	0	0	0			0
p.w fpr drinking water infront	1	4.5	0.23	0.3	0.31	0			0
parking for p.w	1	13.6	0.23	0.2	0.63	0			0
parking for p.w	1	12.5	0.23	0.2	0.58	0			0
parking for p.w	1	3.4	0.23	0.2	0.16	0			0
parking for p.w	1	2.95	0.23	0.2	0.14	0			0
parking for p.w	1	2.95	0.23	0.2	0.14	0			0
parking for p.w	1	2.95	0.23	0.2	0.14	0			0
parking tiles	0	0	0	0	0	0			0
parkng for p.w	1	6.95	0.23	0.2	0.32	0			0
right & left	0	0	0	0	0	0			0
step 2	0	0	0	0	0	0			0
step 2	0	0	0	0	0	0			0
steps	0	0	0	0	0	0			0
sump for birck work front & back	0	0	0	0	0	0			0
under b.w	0	0	0	0	0	0			0
under b.w	0	0	0	0	0	0			0
Total					3.85	5057.07	cum		19,470

## మన బడి నాడు-నేడు

<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.[Brick masonry in CM (1:8) in First Floor] (Excluding GST)</b>									
brick for parking	1	13.6	0.23	0.2	0.63	0			0
brick for parking	1	12.5	0.23	0.2	0.58	0			0
brick for parking	1	3.4	0.23	0.2	0.16	0			0
brick for parking	1	2.95	0.23	0.2	0.14	0			0
brick for parking	1	2.95	0.23	0.2	0.14	0			0
brick for parking	1	6.95	0.23	0.2	0.32	0			0
brick work for drinking water before	1	4.5	0.23	0.16	0.17	0			0
brick work for drinking water before	1	3.95	0.23	0.16	0.15	0			0
drinking water in front	1	3.95	0	0	0	0			0
toilet before brick work	1	4.58	0.23	0.21	0.22	0			0
toilet before brick work	1	4	0.23	0.21	0.19	0			0
toilet before brick work	1	4	0.23	0.21	0.19	0			0
Total					2.89	5323.51	cum		15,385
<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>									
hand wash for plastering	2	0.58	0	0	0.45	0			0
kadapa bandha	1	1.3	0.9	0	1.17	0			0
plastering	1	3	0.26	0	0.78	0			0
rock bandh	1	2.78	2.05	0	5.7	0			0
stage for plastering step 1	1	2.06	0.52	0	1.07	0			0
step 2	1	2.06	0.52	0	1.07	0			0
Total					10.24	309.79	sqm		3,172
<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	0	0	0	0	0	0			0
Entrance Main Gate	0	0	0	0	0	0			0
Kitchen shed - Ventilators	0	0	0	0	0	0			0

## మన బడి నాడు-నేడు

	Over Compound Wall	0	0	0	0	0	0		0
	Toilet Block Ventilators	0	0	0	0	0	0		0
	Total					0	70.08	Kgs	0
	<b>Flooring with polished black Kadapa stones of 15 mm thick set over base coat of CM (1:8) over already laid CC bed/ RCC Roof slab, including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm and jointed with neat cement to full depth including cost of all materials like cement, sand and water and flooring stones etc., complete including labour charges for dressing of flooring stones etc., complete for finished item of work. (Excluding GST)</b>								
	Class Room-Room1	10	0	15.6	0	0	0		0
	Class Room-Varandah1	1	0	15.6	0	0	0		0
	Total					0	465.33	sqm	0
	<b>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)</b>								
	skirting	1	1	0.1	0	0	0		0
	skirting	1	5.28	0.05	0	0.26	0		0
	skirting room 1	1	6.24	0.5	0	0	0		0
	skirting room3	1	6.5	0.1	0	0.65	0		0
	Total					0.91	754.69	sqm	687
	<b>Stone Dust 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.[Stone Dust filling] (Excluding GST)</b>								
	IN FRONT CLASS	1	12.75	2.95	0.07	2.82	0		0
	INFRONT CLASS	1	12	2.7	0.07	2.43	0		0
	SUMP TO	1	13.6	1.2	0.07	1.22	0		0
	Total					6.47	864.4	cum	5,593
	<b>Supplying and fixing of High polished Granite 16 to 18 mm thick up to 8 00 (2.43M) black and regular colour in Single piece with the edges flat nosed and set over a base coat of CM (1:3), 12mm thick, and fixing in position with neat cement paste including cost and conveyance of all materials like cement, sand, water, stones etc. to site, sales and other taxes on all materials, all operational, incidental and labour charges such as dressing of stones to the required sizes, mixing of cement mortar, fixing in position, curing, lift charges etc., complete for finished item of work for Raisers of 0.15 Meters height (Excluding GST)</b>								
	Class 1	1	6.24	4.66	0	29.08	0		0
	Class 2	1	8.1	5.1	0	41.31	0		0

## మన బడి నాడు-నేడు

	Class 3	0	0	0	0	0	0		0
	skirting to all	1	55.54	1	0	55.54	0		0
	STAGE	1	5.28	3.2	0	16.9	0		0
	step	1	2.06	0.1	0	0.21	0		0
	Step	1	2.06	0.16	0	0.33	0		0
	Step	2	2.06	0.52	0	2.14	0		0
	Step	1	1.3	0.25	0	0.33	0		0
	Step	1	1.3	0.19	0	0.25	0		0
	Step 2	1	1.3	0.11	0	0.14	0		0
	Step infront class	1	0.92	0.16	0	0.15	0		0
	step rise	2	2.06	0.3	0	1.24	0		0
	THREAD	1	0.92	0.13	0	0.12	0		0
	varandah	1	6.32	3.21	0	20.29	0		0
	Total					168.03	1640.89	sqm	2,75,719
	<b>Supply &amp; fixing pre-painted galvalium trepizoidal profile roofing sheets with 0.47mm thickness,coating Alu-zinc coating AZ 150 GSM. Tensile strength : 550 MPA,paint coating : Regular modified polyster painting. Thickness (top) 18-20 microns,(bottom) 5-7microns including C/C of all materials like sheets, J bolts, bitumen washers etc. with or without ridge with sales &amp; all other taxes &amp; all labour charges etc. complete for fixing sheets in position. (Excluding GST)</b>								
	Class 2	1	8.94	5.7	0	50.96	0		0
	H W U	1	3.95	1.2	0	4.74	0		0
	kitchen	1	3.2	3.3	0	10.56	0		0
	STAGE	1	6	4.75	0	28.5	0		0
	Total					94.76	466.91	sqm	44,244
	<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>								
	Class 2	6	4.87	0	0	29.22	0		0
	class 2	4	6.1	0	0	24.4	0		0
	Hand wash unit	2	3.7	0	0	7.4	0		0
	Hand wash unit	2	1.1	0	0	2.2	0		0
	Kitchen	4	3.2	0	0	12.8	0		0
	Kitchen	3	3.3	0	0	9.9	0		0
	on stage	4	6	0	0	24	0		0

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	on stage	2	4.75	0	0	9.5	0		0
	Total					119.42	428.4	rmt	51,160
	<b>Repairs to existing old furniture other than dual desks (Excluding GST)</b>								
	Cast iron door for sump 1 & 2 and OHSR	0	0	0	0	6000	0		0
	Chicken mesh	0	0	0	0	2100	0		0
	Syntex tank	0	0	0	0	3500	0		0
	To Replace of kadapah stone	0	0	0	0	5000	0		0
	Total					16600	1	LS	16,600
	<b>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)</b>								
	Girls toilet	1	6.95	2.95	0	20.5	0		0
	Near to Sump	1	13.6	1.2	0	16.32	0		0
	Near to sump	1	12	2.7	0	32.4	0		0
	Toilet infront of boys	1	3.4	2.95	0	10.03	0		0
	TOILET INFRONT OF GIRLS	1	2	2.95	0	5.9	0		0
	Total					85.15	631.86	Sqmt	53,803
	<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	59184.33	PERCENT AGE	59,184

Work Code : 201920041699

Name of the Work : Green Chalk Board

Administrative Sanction No : Proc.No2823008833/MBNN/2020-2021

Technical Sanctioned : 96 No

Estimate Amount (in Rs.) : 58,469/-

Work MBook Amount : 1,03,113/- (in Rs.)

## మన బడి నాడు-నేడు

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Suppy and Fixing / Erection of e-3 ceramic magnetic Green Chalk Board of size 8 X 4 (2.4x1.2m) with vitrious enamil coated sheet made up of 0.3 to 0.4 mm thick steel sheet having 0.095 mm thick on top and 0.03 mm min on the back supported with 9mm thick MDF board having bulk density of 750 kg/cum and laminated with 0.25 mm thick electro galvanised steel sheet at the back. Both the top and backing sheet shall be properly fixed with MDF board using suitable adhesive to avoid any moisture absorption. Fixed in deluxe quality aluminium channels conforming to ISI standards including cost, transportation and all labour charges for fixing etc complete for finished item of work (Excluding GST)								
	Class Room	3	0	0	0	3	0		0
	T294	3	0	0	0	3	0		0
	Total					6	10200	Nos	61,200
	(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
	Provision for GST @ 12.00%								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	11016	PERCENT AGE	11,016

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**Signature of Engineering  
Assistant**

**Signature of FE/AE/AEE**

**U SRINIVAS**

**Signature of Deputy Executive Engineer**

**Chereddi Naveenkumar**

**Signature of Executive Engineer**

**Kandepu Kedareswara Rao**