

# మన బడి నాడు-నేడు

**Measurement Book No : 28236002102001**

District Name	:	<b>CHITTOOR</b>
Mandal Name	:	<b>PEDDAPANJANI</b>
Village Name	:	<b>NAGIREDDIPALLE</b>
Name of the Executing Agency	:	<b>Panchayat Raj</b>
Name of School	:	<b>MPPS GOUDAMAKULAP ALLE</b>
U-Dise Code	:	<b>28236002102</b>
Technical Sanctioned Amount	:	<b>1049075</b>
Admin Sanctioned Amount	:	<b>1049075</b>
Total Expenditure	:	<b>838483</b>

# మన బడి నాడు-నేడు

## Abstract

U-Dise Code : 28236002102  
Technical Sanctioned Amount : 1049075  
Admin Sanctioned Amount : 1049075  
Total Expenditure : 838483  
MBook Number : 28236002102001

Work Code	Work type name	Estimated Cost	Value of work done
201920012623	English Labs	40000	41439
201920034962	Furniture for Students and Staff	286807	81861
201920034974	Providing Electrification with Fans and Tube Lights	83815	67411
201920034977	Paintings to School	98200	73963
201920034984	Major and Minor Repairs	343219	424507
201920034987	Green Chalk Board	20619	20598
201920046060	Construction of Toilet with Running Water	176415	128705
	Total	1049075	838483

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** : 201920012623 **Name of the Work** : English Labs  
**Administrative Sanction No** : Proc.No2823005116/MBNN/2019-2020 **Technical Sanctioned** : 100 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** : 201920034962 **Name of the Work** : Furniture for Students and Staff  
**Administrative Sanction No** : Proc.No2823005116/MBNN/2019-2020 **Technical Sanctioned** : 100 No  
**Estimate Amount (in Rs.)** : 2,86,807/- **Work MBook Amount** : 81,861/- (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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<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		0
Parrot green	0	0	0	0	0	0	0		0
Total					0	6930	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 (re??rmed 2013)(Fifth Revision)Amdt. no.1 Sheet thickness of door in 0.8 mm (minimum) (Excluding GST)</b>									
Almairahs	0	0	0	0	0	0	0		0
Total					0	7850	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

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(Zenith Metaplast Pvt Ltd) Dual Desk Type-II (Class III to V) Supply & Placing Dual desk for class III to V ; TYPE-II (A) (Color Parrot Green, 251 of Greenlam or Equivqlent or any other colours decided by the Govt.) The overall dimensions of desk will be W 1066mm x D 930mm x H 688 (for table top). The seating bench height shall be 423 mm. The desk shall be manufactured as per the specifications mentioned below: - (1) Table top shall be made up of 18.0 mm thick plywood (tolerance as per IS 303) of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish). Table top dimensions shall be W 1008.0 mm x D 380.0 mm. Edge towards bench shall be post formed with round edge. The remaining three edges must be sealed with 2mmthick PVC edge banding tape. Edge band must be trimmed on edges and corners. The desk shall be Green guard certified for low chemical emission of VOCs (Voltage Organic Compounds) and carcinogens, contributing to a healthier room environment. Valid certificate to be submitted along with the bid. Make of Plywood : Merino / Greenply / Century / Kitply. Make of Laminate & balancer : Marino / Greenlam / ASIS / Century. (2) Side frame structure: Made of CRCA press-formed section 165.0 mm x 25.0 mm x 1.0 mm thickness bolted to 25.0 mm x 50.0 mm x 1.2mm thickness tube of 890mm length by using C-clamps made up of 3.0 mm thickness sheet. Make for CRCA sheet – ESSAR / TATA / SAIL / JINDAL. Proposed desk should be ROHS certified from INTERTEK / UL. Valid certificate to be submitted along with the bid. (3) Seat and back rest frame structure: Made of CRCA press-formed section 165.0 mm x 25.0 mm x 1.0 mm thickness welded to MS pipe of 25.4 mm diameter x 1.2mm thickness. All 8 numbers of horizontal supports shall be made up MS tube having dimensions 25.0 mm x 25.0 mm x 1.2 mm thickness. MS tube of size 20.0 mm x 20.0 mm x 1.0 mm thickness and 100.0 mm long shall be welded to the frame to hold the horizontal supports. Raw materials of MS tubes shall be from ESSAR / TATA / SAIL / JINDAL. (4) Rectangular MS tube of dimension 50.0 mm x 25.0 mm x 1.2 mm thickness shall be closed with PPCP (Poly Propylene Copolymer) cap at both the ends. Pipe diameter 25.4 mm x 1.2 mm thickness shall be closed with PPCP cap at back side and under the seat. (5) Upper modesty panel and shelf shall be made of 0.8 mm thick CRCA sheet. The dimensions for upper modesty panel shall be H 175.0 mm x W 1012.0 mm x D 23.0 mm. The dimensions of shelf shall be W 1012.0 mm X D 300.0 mm X H 23.0 mm. The shelf shall have vertical partition at the center. This partition shall be made up of square MS tube having size 25.0 mm x 25.0 mm x 1.2 mm thickness. Stiffeners of MS tube having sizes as 20.0 mm x 20.0 mm x 1.0 mm thickness shall be provided in upper modesty panel and shelf. Front fascia of upper modesty panel of desk shall have embossed design. The corners of shelf (projecting towards the seating bench) shall be rounded through corner-forming technology (without welding) to avoid injury in case of accidental impact. (6) Additional lower modesty panel having size H 150.0 mm x W 1008.0 mm X D 23.0 mm shall be made up of 0.8 mm thick CRCA sheet with designer square perforations. MS tube of size 20.0 mm x 20.0 mm x 1.2 mm thickness shall be fixed across the length at the bottom side of lower modesty panel. (7) Seat and back rest shall be made of 18mm thick plywood of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish) except back rest. Back rest shall have both sides lamination Technical details of seat and back rest are mentioned below: (8) Seating bench dimensions shall be W 1066.0 mm X D 300.0 mm: Front side shall be rounded with post forming. Remaining three edges shall be sealed with 2mm thick PVC edge banding tape. (9) Back rest dimensions shall be W 1066.0 mm x D 250.0 mm: Upper side shall be rounded with post forming. Remaining three edges shall be sealed with 2mm thick PVC edge banding tape. (10) Leg space between top and seat shall be 125mm. (11) Bag/bottle hooks shall be made of MS wire having diameter of 5.0 mm. The overall size of hook shall be W 23.0 mm, D 32.0 mm and H 80.0 mm. It shall be welded on inner facia of both the vertical press-fitted steel sections.(9) The MIG / Spot welding shall be done as per technical requirement. (10) All metal components shall be powder coated in satin finish with pretreatment process. Powder coating shall be tested and certified on following parameters from NABL Accredited/ Government Laboratory, Valid certificates / test reports to be submitted along with the bid. item shall carry a warranty period of 5 (Five) years from the date of supply

# మన బడి నాడు-నేడు

	(Including GST)								
	for class room s	12	0	0	0	12	0		0
	Total					12	6821.78	Nos	81,861

**Work Code** : 201920034974      **Name of the Work** : Providing Electrification with Fans and Tube Lights  
**Administrative Sanction No** : Proc.No2823005116/MBNN/2019-2020      **Technical Sanctioned** : 100 No  
**Estimate Amount (in Rs.)** : 83,815/-      **Work MBook Amount** : 67,411/- (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 Roof Slab	0	0	0	0	0	0		0
	Total					0	66.86	mtr	0
	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)								
	for class room 1 & 3	1	45	0	0	45	0		0
	for HM room	1	30	0	0	30	0		0
	for kitchen shed	1	10	0	0	10	0		0
	for toilets	1	5	0	0	5	0		0
	Total					90	71.44	mtr	6,430
	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 room 1 & 3 main board to switch board	1	10.5	0	0	10.5	0		0
	for HM Room Main board to switch board	1	23	0	0	23	0		0
	for kitchen shed main Board to switch board	1	14	0	0	14	0		0

## మన బడి నాడు-నేడు

	for toilets Main board to switch board	1	28	0	0	28	0		0
	Total					75.5	64.93	mtr	4,902
	<b>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)</b>								
	for class room 1 & 3 main board to switch board	1	10.5	0	0	10.5	0		0
	for HM room main board to switch board	1	23	0	0	23	0		0
	for kitchen shed main board to switch board	1	14	0	0	14	0		0
	for toilets main board to switch board	1	28	0	0	28	0		0
	Total					75.5	32.52	rmt	2,455
	<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>								
	batten holders for class room 1 & 3 & toilets & kitchen shed	7	0	0	0	7	0		0
	fan points for class room 1 & 3 & HM Room	8	0	0	0	8	0		0
	LED tube light points for class room 1& 3 & HM room	7	0	0	0	7	0		0
	Total					22	611.17	Nos	13,446
	<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>								
	for class room 1 & 3	4	0	0	0	4	0		0
	HM Room	3	0	0	0	3	0		0
	kitchen shed	2	0	0	0	2	0		0
	Total					9	284.35	Nos	2,559

## మన బడి నాడు-నేడు

	<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>								
	Class 1 & 2	7	0	0	0	7	0		0
	Total					7	867.5	Nos	6,073
	<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>								
	batten holders	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>								
	Tube light	0	0	0	0	0	0		0
	Total					0	5900	Nos	0
	<b>Supply of 1200mm (48) Sweep 230V, A.C 50 Hz Ceiling Fan with 3 blades and double ball bearings with all standard accseeories. (Excluding GST)</b>								
	Ceiling Fan	0	0	0	0	0	0		0
	Total					0	2020	Nos	0
	<b>Supply and fixing of1 Module Modular type Electronic step type Fan Regulator. in the existing switch board. (Excluding GST)</b>								
	fan regulators	8	0	0	0	8	0		0
	Total					8	365	Nos	2,920
	<b>Labour charges for fixing of ceiling fan and regulator including transportation and giving connections with twin core wire etc., complete. (Excluding GST)</b>								
	Class 1 & 2	8	0	0	0	8	0		0
	Total					8	138.88	Nos	1,111
	<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	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>								
	Class 1 & 2	1	0	0	0	1	0		0



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	Total					1	4431.61	Nos	4,432
	(Crompton greaves) Ceiling Fans- Supply & Fixing of 1200mm (48) sweep, 380 RPM at 230V with high speed, ceiling fan with air delivery of 210 (CMM) and wattage of 50 to 75W having 3 blades and double ball bearing with all standard accessories like 100% copper winding, down rod 300mm length and 19.20mm dia meter, anti-corrosion aluminium body and blades having thickness of 1.08mm with glassy powder coated paint finish ( Ivory colour ) etc., including cost and conveyance of all materials to site (of school) including loading and un-loading and fixing etc., complete for finished item of work. (Crompton / Usha / Bajaj / Havells / Orient / Khaitan / Polar / GEC / Almonard) including GST and all taxes etc., as applicable from time to time. The item shall carry a warranty period of 3 (three) years from the date of supply (Including GST)								
	for clas room 1 & 3 & HM room	8	0	0	0	8	0		0
	Total					8	1440	Nos	11,520
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	5988.29	PERCENT AGE	5,988

Work Code : 201920034977

Name of the Work : Paintings to School

Administrative Sanction No : Proc.No2823005116/MBNN/2019  
-2020

Technical Sanctioned : 100  
No

Estimate Amount (in Rs.) : 98,200/-

Work MBook Amount : 73,963/-  
(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 ceiling and/or sloping roofs surface smooth including necessary repairs to scratches complete. (Excluding GST)								
	class 1	0	0	0	0	0	0		0
	Total					0	10.21	sqm	0

## మన బడి నాడు-నేడు

	<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>								
	Rooms inside alround class 1 & 2	0	0	0	0	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>								
	class 1 & 2 kichen	0	0	0	0	0	0		0
	Total					0	219.04	sqm	0
	<b>Painting to Iron work with Red Oxide primer thouroughly brushing the surface to remove all remains including cost and conveyance of all materials to site, all operational, incidental and labour charges etc., complete for finished item of work. (Excluding GST)</b>								
	class 1 & 2	0	0	0	0	0	0		0
	Total					0	43.62	sqm	0
	<b>Painting to Iron work with Two coats of ready mixed synthetic enamel paint first quality all shades to give an even shade thouroughly brushing the surface to remove all remains including cost and conveyance of all materials to site, all operational, incidental and labour charges etc., complete for finished item of work. (Excluding GST)</b>								
	Class 1 & 2	0	0	0	0	0	0		0
	Total					0	79.99	sqm	0

## మన బడి నాడు-నేడు

<p><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</b></p> <p><b>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 = &gt; 18 as measured in white, Water resistance = passes&gt; 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 &amp; film integrity. Surface drying type = 30 minutes, Spread area = 50 – 60 sqft, Adhesive capacity = Pull of adhesion &gt; 1.5 Mpa, Temperature stability = QUVA &gt; 1000 hours, Dust Repellent = Natural weather exposure for 3 months – No visual difference initially and after cleaning (Including GST)</b></p>									
for all external sides	0	0	0	0	520.16	0			0
Total					520.16	85.02	Sqm		44,224

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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>									
	for all internal walls	0	0	0	0	208.18	0		0
	Total					208.18	87.03	Sqm	18,118
<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>									
	Class 1 & 2	0	0	0	0	19.6	0		0
	Total					19.6	96.02	Sqm	1,882

## మన బడి నాడు-నేడు

(Berger Paints India) Grills and Gates (iron Doors, Windows, Gates, Grills etc.) with primary coat of Red oxide : - Specification :- Painting to Iron work with two coats of ready mixed Synthetic Enamel paints in all shades Grade – I Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools/equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and excluding taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company Total 3 (three) coats:1. Primary Coat of Red oxide 2. Ready mixed Synthetic Enamel paint 2(two coats) Interior / Exterior Requirements for Enamel, Synthetic, Exterior (a) under coating (b) Finishing with a warranty period of 7 Years for entire painting & paint Coloring (Including GST)									
	for all Doors Windows & Gates	0	0	0	0	15.32	0		0
	Total					15.32	96.02	Sqm	1,471
(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)									
	for all class room ceiling	0	0	0	0	95	0		0
	Total					95	87.03	Sqm	8,268

Work Code : 201920034984

Name of the Work : Major and Minor Repairs

Administrative Sanction No : Proc.No2823005116/MBNN/2019 -2020

Technical Sanctioned : 100 No

Estimate Amount (in Rs.) : 3,43,219/-

Work MBook Amount : 4,24,507/- (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 [Brick masonry] (Excluding GST)								
	deduct doors	2	1.96	0.23	2.7	-2.43	0		0

## మన బడి నాడు-నేడు

	Old toilet	2	4.39	0.23	2.7	5.45	0		0
	Total					3.02	262.08	cum	791
	<b>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 &amp; contractor profit etc., complete [Unreinforced cement concrete up to 15cm thickness] (Excluding GST)</b>								
	for flooring in HM room	1	9.15	3.7	0.06	2.03	0		0
	for flooring in HM room	1	6.02	5.98	0.06	0	0		0
	over old class room roof	1	11	5.7	0.06	3.76	0		0
	Total					5.79	1024.8	cum	5,934
	<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>								
	ms doors	2	0	0	0	2	0		0
	wooden doors toilets	2	0	0	0	2	0		0
	Total					4	154.75	Nos	619
	<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>								
	Class 1	1	9.15	3.35	0.15	4.6	0		0
	Class 1	1	9.15	0.35	0.15	0.48	0		0
	Class 2	1	6.02	5.98	0.15	5.4	0		0
	Total					10.48	3129.61	cum	32,798
	<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>								
	OHSR TANK walls	2	1.7	0.23	1.2	0.94	0		0
	OHSR Tank walls	2	1.2	0.23	1.2	0.66	0		0
	sump walls	2	1.7	0.1	1.4	0.48	0		0
	sump walls	2	1.2	0.1	1.4	0.34	0		0
	Total					2.42	4809.13	cum	11,638
	<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>								
	fro OHSR & Septic tanks	27	0	0	0	27	0		0

## మన బడి నాడు-నేడు

	Total					27	48.41	Kgs	1,307
	<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>								
	deduct man hole	1	0.6	0.6	0.07	-0.03	0		0
	deduct man hole	1	0.6	0.6	0.07	-0.03	0		0
	OHSR TANK Slab	1	1.7	1.7	0.07	0.22	0		0
	sump top slab	1	1.4	1.7	0.07	0.18	0		0
	Total					0.34	7541.9	cum	2,564
	<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>								
	sump top slab	0	0	0	0	0	0		0
	Total					0	7310.25	cum	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 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 [Flyash Bricks]. (Excluding GST)</b>								
	OHSr Outer plastering	0	0	1.2	0	0	0		0
	Total					0	306.78	sqm	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 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>								
	OHSR outer	4	1.7	0	1.2	8.16	0		0
	Total					8.16	316.03	sqm	2,579
	<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>								
	deduct OHSR	1	1.7	1.7	0	-2.89	0		0

## మన బడి నాడు-నేడు

	rcc slab impervious coat	1	11	5.65	0	62.15	0		0
	Total					59.26	338.21	sqm	20,042
	<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>								
	MS doors	0	0	0	0	0	0		0
	Total					0	70.08	Kgs	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>								
	Class 1	0	0	0	0	0	0		0
	Class 2	0	0	0	0	0	0		0
	Total					0	758.06	sqm	0
	<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>								
	Class 1	1	9.15	3.35	0	30.65	0		0
	Class 2	1	6	6	0	36	0		0
	Class1	1	9.17	0.35	0	3.21	0		0
	Total					69.86	1932.12	sqm	1,34,978
	<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, moistered and where necessary treated with neat grey cement slurry of honey like consistency spred at3.3 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>								
	deductions	1	0.54	0.25	0	-0.14	0		0
	infront of HM room	1	9.4	1.52	0	14.29	0		0
	Total					14.15	775.98	sqm	10,980



## మన బడి నాడు-నేడు

<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 the compound of School	1	8.7	10.9	0.45	42.67	0			0
Inside the compound of school	1	17	1.3	0.6	13.26	0			0
inside the compound of school	1	13	1	0.4	5.2	0			0
inside the compound of school	1	6	1.95	0.3	3.51	0			0
inside the compound of school	1	10.4	3.5	0.75	27.3	0			0
Total					91.94	378.5	cum		34,799
<b>Sand filling in trenches, sides of foundations and basement with initial lead in layers not exceeding 15cm thick consolidating each deposited layer by watering and ramming including cost and conveyance of water to work site and all operational, incidental, labour charges, hire charges of T&amp;P etc., complete for finished item of work.[Sand filling] (Excluding GST)</b>									
at hm room	1	9.15	3.7	0.15	5.08	0			0
Total					5.08	851.8	cum		4,327
<b>Plain Cement Concrete 1:1.5:3 Nominal mix with concrete mixer equivalent to (1:1.5:3) using 20mm size (SS5) hard blasted granite machine crushed 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 cost of seigniorage charges on all materials including steel centering, shuttering, machine mixing, laying concrete, lift charges, curing etc., complete for finished item of work for steps (Excluding GST)</b>									
over old class room	1	11	5.65	0.05	3.11	0			0
Total					3.11	5375.25	cum		16,717
<b>Plain Cement Concrete 1:1.5:3 Nominal mix with concrete mixer equivalent to (1:1.5:3) using 20mm size (SS5) hard blasted granite machine crushed 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 cost of seigniorage charges on all materials including steel centering, shuttering, machine mixing, laying concrete, lift charges, curing etc., complete for finished item of work for steps[For First Floor] (Excluding GST)</b>									
Bottom slab	1	1.75	1.75	0.15	0.46	0			0
Total					0.46	5513.48	cum		2,536

## మన బడి నాడు-నేడు

	<b>Repairs to existing old furniture other than dual desks (Excluding GST)</b>								
	drowsing and other minor works	0	0	0	0	10000	0		0
	Soak pit	0	0	0	0	3200	0		0
	Total					13200	1	LS	13,200
	<b>Supply of precast concrete blocks for paving of M-30 grade and thickness not less than 60 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>								
	school entance	0	0	0	0	0	0		0
	Total					0	671.76	Sqmt	0
	<b>Supply and erecting of 1.00 HP (25 mm x 25 mm) single phase ISI Monoblock CI body motor pump set conforming to IS 9079:2002 approved make centrifugal water pump with impeller, priming funnel cork, companion metallic flanges with bolts and nuts and mounted on a common shaft of high coefficient squirrel cage induction motor totally enclosed and fan cooled tyupe suitable to operate on 230 V single phase 50 HZ , 1440 RPM AC power supply excluding suction/delivery pipe with nuts duly grouted on existing CC foundation and bolts, spring washer of requistie size for monoblock motor and pump (Excluding GST)</b>								
	Havells 1HP Submersible pump	1	0	0	0	1	0		0
	Total					1	8175	Nos	8,175

## మన బడి నాడు-నేడు

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

RO Plant	1	0	0	0	1	0		0
Total					1	68400	Nos	68,400
<b>Differential Cost of Cement (Including GST)</b>								
differential cost	0	0	0	0	1	0		0
Total					1	1	LS	1
<b>Differential Cost of Steel (Including GST)</b>								
cost of steel	0	0	0	0	1	0		0

## మన బడి నాడు-నేడు

	Total					1	1	LS	1
	<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>								
	plastering inner walls for OHSR	4	1.2	0	1.19	5.71	0		0
	sump inner walls	2	1.2	0	1.2	2.88	0		0
	sump inner walls	2	1.5	0	1.2	3.6	0		0
	Total					12.19	110.81	sqm	1,351
	<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>								
	for HM Room Doors	180	0	0	0	180	0		0
	Total					180	70.08	Kgs	12,614
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	38154.09	PERCENT AGE	38,154

**Work Code : 201920034987**

**Name of the Work : Green Chalk Board**

**Administrative Sanction No : Proc.No2823005116/MBNN/2019 -2020**

**Technical Sanctioned : 100 No**

**Estimate Amount (in Rs.) : 20,619/-**

**Work MBook Amount : 20,598/- (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

(Prince Board India) Green Chalk Boards - Supply and fixing of ceramic steel / Porcelain enamel Steel Green Chalk Boards of size 2400mmx 1200mm with vitreous enamel steel sheet thickness 0.3mm to 0.40mm with Ceramic steel (Belgium make)/ Porcelain enamel steel 0.3mm to 0.4mm (Japan make) engraving on surface (having vitreous enamelled coating both sides) 0.095mm thick top surface coating and back surface coating thickness of 0.03mm, supported with 9mm thick MDF Board (make : Greenlam / Merino / Century / Kitply / Greenply / ASIS of ISI standards and water proofing) for back support and it backing with 0.25mm thick galvanized iron sheet (make : TATA / JSW / Sail / Vizag Steel), fixed with anodized aluminium frame 20mm wide and 1.2mm thick and board shall be given additional support on all four sides with Aluminium J-Clamps (8 Nos.).Cost includes production cost for complete finished item of work, conveyance of all materials to work site, all labour charges like loading, unloading, Fixing, GST and all other taxes, charges and Rates etc., as applicable from time to time. The item shall carry a Warranty period of 7 (Seven) years from the date of Supply (Including GST)									
prince green chalk board	2	0	0	0	2	0			0
Total					2	10299	Nos		20,598

**Work Code** : 201920046060      **Name of the Work** : Construction of Toilet with Running Water  
**Administrative Sanction No** : Proc.No2823005116/MBNN/2019-2020      **Technical Sanctioned** : 100 No  
**Estimate Amount (in Rs.)** : 1,76,415/-      **Work MBook Amount** : 1,28,705/- (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)								
	long wall	2	3.2	0.6	0.6	2.3	0		0
	shotwall	3	1.48	0.6	0.6	1.6	0		0
	Total					3.9	267.54	cum	1,043
	Plain Cement Concrete (1:4:8) using 40mm nominal size SS5 hard broken granite metal including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete for finished item of work (Excluding GST)								
	long wall	2	3.2	0.6	0.15	0.58	0		0

## మన బడి నాడు-నేడు

	room2	1	1.22	1.43	0.1	0.17	0		0
	shot wall	3	1.48	0.6	0.15	0.4	0		0
	toilet room 1	1	1.22	1.43	0.1	0.17	0		0
	Total					1.32	3258.1	cum	4,301
	<b>Filling with useful available excavated earth (excluding rock) in trenches, sides of foundations and basement with initial lead in layers not exceeding 15cm thick consolidating each deposited layer by watering and ramming including cost and conveyance of water to work site and all operational, incidental, labour charges, hire charges of T&amp;P etc., complete for finished item of work.[Earth filling (Ordinary soil)] (Excluding GST)</b>								
	basement filling	1	2.74	1.02	1	2.79	0		0
	selected earth plinth	1	2.74	1.02	0.23	0.64	0		0
	Total					3.43	29.54	cum	101
	<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>								
	Room around (below GL & above GL)	2	3.2	0.45	0.6	1.73	0		0
	short wall	3	1.45	0.45	0.6	1.17	0		0
	Total					2.9	3162.38	cum	9,171
	<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>								
	deduction for doors	2	0.8	0.23	1.9	-0.7	0		0
	deduction of ventilators	2	0.55	0.23	0.55	-0.14	0		0
	Others, if any	3	1.48	0.23	2.55	2.6	0		0
	Septic tank Around	2	3.15	0.23	2.55	3.69	0		0
	Total					5.45	4809.13	cum	26,210
	<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>								
	Room Middle walls	2	3.15	0.23	0.23	0.33	0		0
	shortwall	3	1.48	0.23	0.23	0.23	0		0
	Total					0.56	8556.99	cum	4,792

## మన బడి నాడు-నేడు

<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 around projection)	1	3.2	2.65	0.1	0.85	0			0
Total					0.85	7541.9	cum		6,411
<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>									
Ded door	1	0.8	0	1.95	-1.56	0			0
outside toilet around	1	10.1	0	2.55	25.75	0			0
ventilator	1	0.55	0	0.55	-0.3	0			0
Total					23.89	316.03	sqm		7,550
<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>									
internal walls	0	0	0	0	0	0			0
internal walls	0	0	0	0	0	0			0
Total					0	110.81	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>									
Toilets inside	2	1.22	1.44	1	3.51	0			0
Total					3.51	718.28	sqm		2,521
<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>									
toilet room 1	1	4.55	1.4	1.4	6.37	0			0

## మన బడి నాడు-నేడు

	toilet room 2	1	4.62	1.4	1.4	6.47	0		0
	Total					12.84	560.91	sqm	7,202
	<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>								
	Ventilators	30	0	0	0	30	0		0
	Total					30	70.08	Kgs	2,102
	<b>Providing and fixing factory made solid Wood Polymer Composite (WPC) single extruded Door Frame section of size 45x75 MM . The two Vertical members are to be joined together with the horizontal member using 8x50 MM long MS Star full thread screws to be used with reverse forward speed control hand drilling machine. The ready/assembled door frame is fixed to the wall using hold fast or bolt fasteners. A minimum of 4 No.s of screws to be provided for each vertical member &amp; minimum 2no.s for horizontal member with encapsulation of 8MM rigid layer on all the six surfaces. The door frame will have a rebat of 32MM (Excluding GST)</b>								
	Toilet doors	2	4	0	0	8	0		0
	Total					8	506	rmt	4,048
	<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>								
	toilet doors	2	0.61	0	1.7	2.07	0		0
	Total					2.07	3030	sqm	6,272
	<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>								
	8mm HYSD bars	158	0	0	0	158	0		0
	Total					158	48.41	Kgs	7,649
	<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 Hand Wash	1	6	0	0	6	0		0
	Total					6	89.1	rmt	535
	<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>								



## మన బడి నాడు-నేడు

	toilet 1 & 2	1	7.5	0	0	7.5	0		0
	Total					7.5	169.13	rmt	1,268
	<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>								
	Ohsr to Toilets	1	18	0	0	18	0		0
	toilets	1	4	0	0	4	0		0
	Total					22	85	rmt	1,870
	<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 gllazed 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>								
	toilet1	0	0	0	0	0	0		0
	Total					0	2469	Nos	0
	<b>Supply and fixing of white glazed flat back bowl urinals of size 590 x 375 x 390 mm with internal rim flushing mm fixed with screws complete inidan make (Parry/Neycer/Hindware/CERA) conforming to IS 2556 -1995 as approved be Engineer - in - charge 12.7 mm PVC connection with brass plumber union nuts CM Coated. including 12.70 mm push cock 1st qulaity of approved make including supply &amp; fixing 31.75 m dia PVC flexible waser pipe of 914.40 mm lenglht of 1st including cost and conveyance of all materials to site labour charges etc., complete for finished item of work for all floors (Excluding GST)</b>								
	Flat back bowl urinals	0	0	0	0	0	0		0
	Total					0	2647	Nos	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>								
	Flat back bowl urinals	0	0	0	0	0	0		0
	Total					0	1894	Nos	0
	<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>								

## మన బడి నాడు-నేడు

	NP bib taps of size 12.70mm for Toilet	0	0	0	0	0	0		0
	Total					0	351.76	Nos	0
	<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>								
	Gtae valve	3	0	0	0	3	0		0
	Total					3	207	Nos	621
	<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 Roof Slab	0	0	0	0	0	0		0
	Total					0	66.86	mtr	0
	<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>								
	Light Points	0	0	0	0	0	0		0
	Total					0	611.17	Nos	0
	<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>								
	Toilet 1 & 2	0	0	0	0	0	0		0
	Total					0	64.93	mtr	0
	<b>Supply and run of 1 of 14/0.3mm (1.0 Sq.mm) FRLS. P.V.C. insulated flexible copper cable in existing pipe for earth continuity including all labour charges etc., complete. (Excluding GST)</b>								
	Earthing Wire	0	0	0	0	0	0		0
	Total					0	18.62	mtr	0
	<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	0	0	0	0	0	0		0
	Total					0	209.75	Nos	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>								
	toilet 1	1	0	0	0	1	0		0
	Total					1	264	Nos	264
	<b>Labour charges only Fixing Orissa pan W.C with P or S Trap (BMW-D.06) (Excluding GST)</b>								
	toilet 1	1	0	0	0	1	0		0

## మన బడి నాడు-నేడు

	Total					1	377	Nos	377
	<b>Supplying white glazed flat back Bowl urinalsof 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. (Excluding GST)</b>								
	urinal4	0	0	0	0	0	0		0
	Total					0	712.72	Nos	0
	<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>								
	Urinal	4	0	0	0	4	0		0
	Total					4	127	Nos	508
	<b>Labour charges only for fixing Indian makeFlat 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>								
	room	1	0	0	0	1	0		0
	room 1	1	0	0	0	1	0		0
	Total					2	319	Nos	638
	<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>								
	for toilets	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>								
	toilet 1	1	0	0	0	1	0		0
	Total					1	1336.05	Nos	1,336
	<b>(CERA Sanitaryware Ltd) Supplying of white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556-Part6, Sec-6-1974 fixed with screws complete. Indian make : 590 x 375 x 390 mm 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>								

## మన బడి నాడు-నేడు

	for toilets	3	0	0	0	3	0		0
	Total					3	2277.07	Nos	6,831
	<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	2	0	0	0	2	0		0
	Total					2	1478.17	Nos	2,956
	<b>Supply and Fixing of Door with Single leaf shutter, Door Size 0.9x2.13 mtrs with Medium teak wood Frame of sections size 75mm x 100mm with Shutter with MDF board both side laminated of 35mm thick including cost of fixtures such as Aluminium Tower Bolts 250mm long 1 Nos, Aluminium Handles 150mm long 2 Nos, 300mm long Aluminium Aldrops 1No, 125 mm long M.S.Powder Coated butt hinges 3Nos, 300 mm long Aluminium Flat latch 1No, Door stoppers 1 Nos, MS Hold fasts 6Nos 300mm long including cost and conveyance of all materials to site all Labour charges such as Fixing of Door Frame and shutter Fixing in position , with Hardware fixtures etc., complete for finished item of work. [Make Jyothi / Classic / Oxford] (Excluding GST)</b>								
	doors	0	0	0	0	0	0		0
	Total					0	9131.9	Nos	0
	<b>Differential Cost of Cement (Including GST)</b>								
	cost of cement	0	0	0	0	1	0		0
	Total					1	1	LS	1
	<b>Differential Cost of Steel (Including GST)</b>								
	cost of steel	0	0	0	0	1	0		0
	Total					1	1	LS	1
	<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 doors	1	0.8	0	1.95	-1.56	0		0
	deduct ventilators	1	0.55	0	0.55	-0.3	0		0
	toilet internal walls	4	1.44	0	2.5	14.4	0		0
	toilets internal walls	4	1.22	0	2.5	12.2	0		0
	Total					24.74	110.81	sqm	2,741
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0

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	Total					1	11783.47	PERCENT AGE	11,783
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**Signature of Engineering  
Assistant**

**Signature of FE/AE/AEE  
U SRINIVAS**

**Signature of Deputy Executive Engineer  
Cherreddi Naveenkumar**

**Signature of Executive Engineer  
Kandepu Kedareswara Rao**