

# మన బడి నాడు-నేడు

**Measurement Book No : 28236001304001**

District Name	:	<b>CHITTOOR</b>
Mandal Name	:	<b>PEDDAPANJANI</b>
Village Name	:	<b>PEDDAPANJANI</b>
Name of the Executing Agency	:	<b>Panchayat Raj</b>
Name of School	:	<b>MPPS BADRACHALAM</b>
U-Dise Code	:	<b>28236001304</b>
Technical Sanctioned Amount	:	<b>3392523</b>
Admin Sanctioned Amount	:	<b>3392523</b>
Total Expenditure	:	<b>3015903</b>

# మన బడి నాడు-నేడు

## Abstract

U-Dise Code : 28236001304  
Technical Sanctioned Amount : 3392523  
Admin Sanctioned Amount : 3392523  
Total Expenditure : 3015903  
MBook Number : 28236001304001

Work Code	Work type name	Estimated Cost	Value of work done
201920012618	English Labs	40000	41439
201920024346	Green Chalk Board	103093	102990
201920024361	Furniture for Students and Staff	787911	627405
201920028640	Construction of Toilet with Running Water	831640	462637
201920028724	Providing Electrification with Fans and Tube Lights	167494	159293
201920028750	Drinking Water Supply	534351	364883
201920028867	Paintings to School	365809	238868
201920028887	Major and Minor Repairs	1209237	1018388
	Total	4039535	3015903

Signature of Engineering  
Assistant

Signature of FE/AE/AEE  
U SRINIVAS

Signature of Deputy Executive Engineer  
Chereddi Naveenkumar

Signature of Executive Engineer  
Kandepu Kedareshwara Rao

# మన బడి నాడు-నేడు

**Work Code** : 201920012618 **Name of the Work** : English Labs  
**Administrative Sanction No** : Proc.No2823021444/MBNN/2020-2021 **Technical Sanctioned** : 97 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** : 201920024346 **Name of the Work** : Green Chalk Board  
**Administrative Sanction No** : Proc.No2823021444/MBNN/2020-2021 **Technical Sanctioned** : /21-22 No  
**Estimate Amount (in Rs.)** : 1,03,093/- **Work MBook Amount** : 1,02,990/- (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)								
	No. of Green Chalk Boards Required	10	0	0	0	10	0		0
	Total					10	10299	Nos	1,02,990

**Work Code** : 201920024361      **Name of the Work** : Furniture for Students and Staff  
**Administrative Sanction No** : Proc.No2823021444/MBNN/2020-2021      **Technical Sanctioned** : /21-22 No  
**Estimate Amount (in Rs.)** : 7,87,911/-      **Work MBook Amount** : 6,27,405/- (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				
	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 (revised 2013)(Fifth Revision)Amdt. no.1 Sheet thickness of door in 0.8 mm (minimum) (Excluding GST)								
	Almairahs	0	0	0	0	0	0		0
	Total					0	9400	Nos	0
	Teacher Table in classroom, Table Top Material is 18 mm thick prelaminated Particle Board (Not as per IS8126) Thickness (±2 mm). One side double storage is provided and pedestals (under structure) Mild Steel Square Section of outside side minimum 25 mm and wall thickness minimum 1.2 mm (Excluding GST)								
	Teacher Table	0	0	0	0	0	0		0
	Total					0	3304	Nos	0

## మన బడి నాడు-నేడు

	Teacher Chair in classroom, Library room, Laboratory room Seat and Backrest is Made of Polythene cane. (Excluding GST)								
	Teacher Chair	0	0	0	0	0	0		0
	Total					0	1050	Nos	0
	<p><b>Supply &amp; Placing Dual desk for class I to III ; TYPE-I</b> The overall dimensions of desk will be W 1066mm x D 930mm x H 628 (for table top). The seating bench height shall be 383 mm. 1. Table top shall be made up of 18.0 mm thick plywood of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish). Table top dimensions shall be W 1008.0 mm x D 380.0 mm. Edge towards bench shall be post formed with round edge. The remaining three edges must be sealed with 2mmthick PVC edge banding tape. Edge band must be trimmed on edges and corners. 2. Side frame structure: Made of CRCA press-formed section 165.0 mm x 25.0 mm x 1.0 mm thickness bolted to 25.0 mm x 50.0 mm x 1.2mm thickness tube of 890mm length by using C-clamps made up of 3.0 mm thickness sheet. 3. Seat and back rest frame structure: Made of CRCA press-formed section 165.0 mm x 25.0 mm x 1.0 mm thickness welded to MS pipe of 25.4 mm diameter x 1.2mm thickness. All 8 numbers of horizontal supports shall be made up MS tube having dimensions 25.0 mm x 25.0 mm x 1.2 mm thickness. MS tube of size 20.0 mm x 20.0 mm x 1.0 mm thickness and 100.0 mm long shall be welded to the frame to hold the horizontal supports. 4. Rectangular MS tube of dimension 50.0 mm x 25.0 mm x 1.2 mm thickness shall be closed with PPCP (Polypropylene Copolymer) cap at both the ends. Pipe diameter 25.4 mm x 1.2 mm thickness shall be closed with PPCP cap at back side and under the seat.5. Upper modesty panel and shelf shall be made of 0.8 mm thick CRCA sheet. The dimensions for upper modesty panel shall be H 175.0 mm x W 1012.0 mm x D 23.0 mm. The dimensions of shelf shall be W 1012.0 mm X D 300.0 mm X H 23.0 mm. The shelf shall have vertical partition at the center. This partition shall be made up of square MS tube having size 25.0 mm x 25.0 mm x 1.2 mm thickness. Stiffeners of MS tube having sizes as 20.0 mm x 20.0 mm x 1.0 mm thickness shall be provided in upper modesty panel and shelf. Front fascia of upper modesty panel of desk shall have embossed design. The corners of shelf (projecting towards the seating bench) shall be rounded through corner-forming technology (without welding) to avoid injury in case of accidental impact.6. Additional lower modesty panel having size H 150.0 mm x W 1008.0 mm X D 23.0 mm shall be made up of 0.8 mm thick CRCA sheet with designer square perforations. MS tube of size 20.0 mm x 20.0 mm x 1.2 mm thickness shall be fixed across the length at the bottom side of lower modesty panel. 7. Seat and back rest shall be made of 18mm thick plywood of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish) except backrest. Back rest shall have both sides lamination. 7.1. Seating bench dimensions shall be W 1066.0 mm X D 300.0 mm: Front side shall be rounded with post forming. Remaining three edges shall be sealed with 2mm thick PVC edge banding tape. 7.2. Back rest dimensions shall be W 1066.0 mm x D 250.0 mm: Upper side shall be rounded with post forming. Remaining three edges shall be sealed with 2mm thick PVC edge banding tape. 7.3. Leg space between top and seat shall be 110mm. 8. Bag/bottle hooks shall be made of MS wire having diameter of 5.0 mm. The overall size of hook shall be W 23.0 mm, D 32.0 mm and H 80.0 mm. It shall be welded on inner facia of both the vertical press-fitted steel sections. 9. The MIG / Spot welding shall be done as per technical requirement.10. All metal components shall be powder coated in satin finish with pretreatment process. The item shall carry a warranty period of 5 (Five) years from the date of supply (Excluding GST)</p>								
	Dualdesk	0	0	0	0	0	0		0
	Total					0	5735.92	Nos	0

## మన బడి నాడు-నేడు

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

Dual desk	0	0	0	0	0	0		0
Total					0	5781.17	Nos	0

## మన బడి నాడు-నేడు

<p><b>(Methodex Systems Pvt. Ltd) Almiriahs- Supply &amp; Delivery of 4 Door Personal Locker Unit of size: 1830 x 550 x 450D mm, as shown in the drawing with the following specifications: The locker unit shall be made of MS CRCA steel (ESSAR / TATA / SAIL / JINDAL) as per IS 513 Part – 1 : 2016 of thickness 1.20 mm and door multi bend (box type) fitted with Hasp for individual to put their own locks. The unit shall be Multi bend construction fastener free, knock down construction aesthetic punched design at handle of door for better ventilation. Ergonomically designed Stainless Steel (SS) handles. label holder for easy identification. The locker shall be provided with 4 legs made with CRCA sheet of 1.60 mm thickness. The legs shall have aesthetic leveling screws for alignment. Height of the legs with leveling screws shall be 100mm. The components shall be anti corrosion treated, polyester power coated .The chemical composition, tensile properties, bend test, surface, flatness, hardness shall be as per IS 513:2016. The steel parts shall be finished with durable, electrostatic powder coating with average application of 60 – 90 microns thickness over all surfaces. Steel should undergo pre treatment process viz, degreasing, pickling, , zirconium base conversion coating etc for rust resistance and durability as per IS 3618 :1996. Epoxy polyster powder coating minimum 50 – 60 microns DFT (Dry film thickness) as per IS 13871 : 1993 with reference to IS 101. The rate shall be inclusive of transportation, labour charges, erection, installation at site (schools), GST and all taxes etc., as applicable from time to time The item shall carry a warranty period of 5 (Five) years from the date of supply. (Including GST)</b></p>									
Alimarah	1	0	0	0	1	0			0
Total					1	9400	Nos		9,400

## మన బడి నాడు-నేడు

(Methodex Systems Pvt Ltd) Supply & Placing Dual desk for class I to III; TYPE-I - The overall dimensions of desk will be W 1066mm x D 930mm x H 628 (for table top). The seating bench height shall be 383 mm. 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 Greenguard 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 (Polypropylene Copolymer) cap at both the ends. Pipe diameter 25.4 mm x 1.2 mm thickness shall be closed with PPCP cap at back side and under the seat. (5) Upper modesty panel and shelf shall be made of 0.8 mm thick CRCA sheet. The dimensions for upper modesty panel shall be H 175.0 mm x W 1012.0 mm x D 23.0 mm. The dimensions of shelf shall be W 1012.0 mm X D 300.0 mm X H 23.0 mm. The shelf shall have vertical partition at the center. This partition shall be made up of square MS tube having size 25.0 mm x 25.0 mm x 1.2 mm thickness. Stiffeners of MS tube having sizes as 20.0 mm x 20.0 mm x 1.0 mm thickness shall be provided in upper modesty panel and shelf. Front fascia of upper modesty panel of desk shall have embossed design. The corners of shelf (projecting towards the seating bench) shall be rounded through corner-forming technology (without welding) to avoid injury in case of accidental impact. (6) Additional lower modesty panel having size H 150.0 mm x W 1008.0 mm X D 23.0 mm shall be made up of 0.8 mm thick CRCA sheet with designer square perforations. MS tube of size 20.0 mm x 20.0 mm x 1.2 mm thickness shall be fixed across the length at the bottom side of lower modesty panel. (7) Seat and back rest shall be made of 18mm thick plywood of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish) except backrest. Back rest shall have both sides lamination. 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 110mm. (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. The item shall carry a warranty period of 5 (Five) years from the date of supply (Including GST)

Dual Desk	52	0	0	0	52	0		0
Total					52	6768.38	Nos	3,51,956

(Zenith Metaplast Pvt Ltd) Dual Desk Type-II (Class III to V) Supply & Placing Dual desk for class III to V ; TYPE-II (A)



## మన బడి నాడు-నేడు

(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 (Including GST)

# మన బడి నాడు-నేడు

	4 to 6 classes	39	0	0	0	39	0		0
	Total					39	6821.78	Nos	2,66,049

**Work Code** : 201920028640      **Name of the Work** : Construction of Toilet with Running Water  
**Administrative Sanction No** : Proc.No2823021444/MBNN/2020-2021      **Technical Sanctioned** : /21-22 No  
**Estimate Amount (in Rs.)** : 8,31,640/-      **Work MBook Amount** : 4,62,637/- (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)								
	1. Long walls	2	8	0.6	0.75	7.2	0		0
	2. Short walls	3	2.24	0.6	0.75	3.02	0		0
	3. Short walls	4	0.9	0.6	0.75	1.62	0		0
	4. Septic tank	1	5	3	1.8	27	0		0
	Total					38.84	152.88	cum	5,938
	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)								
	1. Long walls	2	8	0.6	0.15	1.44	0		0
	2. Short walls	3	2.24	0.6	0.15	0.6	0		0
	3. Short walls	4	0.9	0.6	0.15	0.32	0		0
	4. Spetic tank	1	5	3	0.2	3	0		0
	5. Toilet outside flooring	2	3.42	1.41	0.1	0.96	0		0
	6. For rooms	6	1	1.3	0.1	0.78	0		0

## మన బడి నాడు-నేడు

	Total					7.1	3084.7	cum	21,901
	<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>								
	1. Total earthwork quantity	1	38.84	1	1	38.84	0		0
	2. PCC quantity	1	5.37	1	1	-5.37	0		0
	3. RR Masonary quantity	1	13.03	1	1	-13.03	0		0
	Total					20.44	29.54	cum	604
	<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>								
	1. Long walls	2	7.79	0.46	1.05	7.53	0		0
	2. Short walls	3	2.4	0.46	1.05	3.48	0		0
	3. Short walls	4	1.05	0.46	1.05	2.03	0		0
	4. Septic tank long walls	2	4.6	0.3	1.5	4.14	0		0
	5. Short walls	2	2	0.3	1.5	1.8	0		0
	6. Baffle walls	1	2	0.2	0.9	0.36	0		0
	7. Above precast beam baffle wall	1	2	0.2	0.8	0.32	0		0
	Total					19.66	3240.33	cum	63,705
	<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>								
	1. For toilets	1	6.85	2.92	0.68	13.6	0		0
	2. Long wall deduction	1	6.85	0.45	0.68	-2.1	0		0
	3. Short wall deduction	1	2.47	0.45	0.68	-0.76	0		0
	4. Short wall deduction	4	0.9	0.45	0.68	-1.1	0		0
	Total					9.64	378.5	cum	3,649

## 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.[PLINTH BEAMS] (Excluding GST)</b>								
	1. Long walls	2	7.69	0.23	0.23	0.81	0		0
	2. Short walls	3	2.87	0.23	0.23	0.46	0		0
	3. Short walls	4	0.9	0.23	0.23	0.19	0		0
	4. Septic tank baffle wall	1	2.6	0.23	0.1	0.06	0		0
	Total					1.52	8512.08	cum	12,938
	<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>								
	Septic Tank	2	2.3	2.6	0.12	1.38	0		0
	Total					1.38	7496.99	cum	10,346
	<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>								
	1. Toilets long wall	2	7.63	0.23	2.3	8.07	0		0
	10. Ramp	1	2.1	0.7	0.3	0.44	0		0
	11. Right side toilet step	1	1.18	0.3	0.15	0.05	0		0
	2. Deduction of ventilators	6	0.45	0.23	0.38	-0.24	0		0
	3. Door deduction	6	0.72	0.23	2.3	-2.29	0		0
	4. Short walls	3	2.87	0.23	2.3	4.55	0		0
	5. Iron door deduction	2	0.84	0.23	2.18	-0.84	0		0
	6. Short walls	4	1.32	0.12	2.3	1.46	0		0
	7. Toilet midlanding	1	1.18	1	0.5	0.59	0		0
	8. Steps	1	1.18	0.24	0.35	0.1	0		0
	9. Steps	1	1.18	0.26	0.17	0.05	0		0
	Total					11.94	5131.45	cum	61,270

## మన బడి నాడు-నేడు

<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>									
1. Front and back wall	2	3.32	0	2.3	15.27	0			0
2. Iron door deduction	1	0.84	0	2.18	-1.83	0			0
3. Right wall	1	7.69	0	2.3	17.69	0			0
4. Ventilator deduction	3	0.45	0	0.38	-0.51	0			0
Total					30.62	313.81	sqm		9,609
<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>									
1. Left and right wall	4	3.45	0	2.28	31.46	0			0
2. UPVC Door deduction	3	0.72	0	2.28	-4.92	0			0
3. Front and back wall	4	1.45	0	2.28	13.22	0			0
4. Iron door deduction	1	0.84	0	2.18	-1.83	0			0
5. Rooms	6	3.95	0	2.28	54.04	0			0
6. Septic tank long wa	2	4	0	1.5	12	0			0
7. Short walls	2	2	0	1.5	6	0			0
8. Baffle walls	1	2	0	1.8	3.6	0			0
9. Baffle wall	1	2	0	1.6	3.2	0			0
Total					116.77	109.22	sqm		12,754
<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>									
Deduct WCs in Toilets	4	0.44	0.57	1	-1	0			0
Door Thereshold Portion	6	0.72	0.3	1	1.3	0			0
Passage portion	2	3.42	1.41	1	9.64	0			0
Toilets inside	6	1	1.3	1	7.8	0			0
Total					17.74	717.08	sqm		12,721

## మన బడి నాడు-నేడు

<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>									
1. Outside left and right	4	3.42	0	1.46	19.97	0			0
2. Door deduction	6	0.72	0	1.49	-6.44	0			0
3. Front and back walls	4	1.41	0	1.48	8.35	0			0
4. Iron door deduction	2	0.84	0	2.18	-3.66	0			0
5. Inside rooms	6	3.81	0	1.46	33.38	0			0
Total					51.6	559.72	sqm		28,882
<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	85	0	0	0	85	0			0
Total					85	70.08	Kgs		5,957
<b>Providing and fixing 28 -30 MM thick solid Wood Polymer Composite(WPC) single extruded door shutter with 3MM top and bottom rigid layer with an overall density of 750kg/Cum. It will be fixed to the frame using 3 inch /4 inch hinges. A minimum of 4 hinges will be required for fixing the door with the frame (Excluding GST)</b>									
Doors for Toilets	6	0.72	1	2.23	9.63	0			0
Total					9.63	3030	sqm		29,179
<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>									
ceiling	0	0	0	0	0	0			0
Door deduction	0	0	0	0	0	0			0
rooms	0	0	0	0	0	0			0
ventilator deduction	0	0	0	0	0	0			0
walls	0	0	0	0	0	0			0
Total					0	121.78	sqm		0

## మన బడి నాడు-నేడు

<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>									
Backside column projection	0	0	1	0.15	0	0			0
Basement backside	0	0	1	2.3	0	0			0
Basement front	0	0	1	2.3	0	0			0
Basement sides	0	0	1	2.3	0	0			0
Outside	0	0	1	2.18	0	0			0
Outside back	0	0	1	0.38	0	0			0
Total					0	219.04	sqm		0
<b>Painting to new Iron work with Two coats of ready mixed synthetic enamel paint first quality all shades to give an even shade over base coat of Red Oxide primer thouroughly brushing the surface to remove all remains including cost and conveyance of all materials to site, all operational, incidental and labour charges etc., complete for finished item of work. (Excluding GST)</b>									
Main door	0	0	0	0	0	0			0
ventilators	0	0	0	0	0	0			0
Total					0	122.74	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>									
10mm HYSD bars	207.76	0	0	0	207.76	0			0
12mm HYSD bars	177.89	0	0	0	177.89	0			0
16mm HYSD bars	267.09	0	0	0	267.09	0			0
8mm HYSD bars	160.79	0	0	0	160.79	0			0
Total					813.53	48.41	Kgs		39,383
<b>Supplying and fixing of 75 mm SWR/ PVC pipes (as per ISI standards) 4 Kg/Sq.cm. Prince/sudhakar or any ISI brand and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per site requirement, fixing with PVC clamps if necessary with required number of Bombay nails including cost and conveyance of all materials to site, labour charges etc.complete for finished item of work at all floor levels. (APSS No. 1302 1319 &amp; 1326) (Excluding GST)</b>									
SWR/ PVC pipes at Urinals	1	20	0	0	20	0			0
Total					20	89.1	rmt		1,782

## మన బడి నాడు-నేడు

<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>								
Sanitary Connections	1	16	0	0	16	0		0
Total					16	169.13	rmt	2,706
<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>								
Toilet Tap Connections	1	45	0	0	45	0		0
Total					45	85	rmt	3,825
<b>Supplying &amp; fixing Ashirvad/Astral flow guard for equivalent CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary excavation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls &amp; floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work[34.90mm ODPipe - SDR 13.5]. (Excluding GST)</b>								
Water supply line	1	33	0	0	33	0		0
Total					33	193	rmt	6,369
<b>Supplying and fixing NP bib taps of size 12.70mm dia of Indian make Seiko including cost and conveyance of all materials, labour charges etc., complete for finished item of work in all floors for 400 Grams (Excluding GST)</b>								
NP bib taps of size 12.70mm for Toilet	10	0	0	0	10	0		0
Total					10	351.76	Nos	3,518
<b>Supply and Fixing of 20 mm outer dia 2.10 mm thick Heavy grade with IS:9537 part 3 FRLS regid PVC pipe (ISI MARK) concealed in Roof Slabs with all required MS deep boxes and all accessories including and labour charges etc., complete (Excluding GST)</b>								
inside toilets	1	11.39	0	0	11.39	0		0
Total					11.39	58.38	mtr	665
<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>								
Inside Toilets	12	0	0	0	12	0		0
Total					12	611.17	Nos	7,334



## మన బడి నాడు-నేడు

	<b>Supply and run of 2 of 36/0.3mm (2.5 Sq.mm) FRLS. P.V.C. insulated flexible copper cable in existing pipe for mains including all labour charges etc., complete. (Excluding GST)</b>							
Earth to washrooms	1	32	0	0	32	0		0
Total					32	64.93	mtr	2,078
	<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	4	0	0	0	4	0		0
Total					4	284.35	Nos	1,137
	<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	10	0	0	0	10	0		0
Total					10	209.75	Nos	2,098
	<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	2	0	0	0	2	0		0
Total					2	264	Nos	528
	<b>Labour charges only Fixing Orissa pan W.C with P or S Trap (BMW-D.06) (Excluding GST)</b>							
indian toilets	4	0	0	0	4	0		0
Total					4	377	Nos	1,508
	<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>							
urinals	3	0	0	0	3	0		0
Total					3	127	Nos	381
	<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>							
hand wash basin	4	0	0	0	4	0		0
Total					4	319	Nos	1,276
	<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>							

## మన బడి నాడు-నేడు

	European water Closets	2	0	0	0	2	0		0
	Total					2	7600	Nos	15,200
	<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>								
	Urinals	3	0	0	0	3	0		0
	Total					3	712.72	Nos	2,138
	<b>(CERA Sanitaryware Ltd) Supply of Ceramic square glossy finish hand wash basin wall mount / hung. 1st quality conforming to IS: 2556-Part-4:1972 with waste fittings like rubber plug , chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore chromium plated Pillar tap of 1st Quality Indian make 400 gms Seiko / Senior / Nice / Esso or equivalent complete of white colour and approved make with standard CI brackets including wooden block : 550 x 400mm – Double C.P.Pillar Cock including cost and conveyance of all materials and all labour charges like loading, Unloading &amp; stacking etc., complete to school site including GST and all taxes etc., as applicable from time to time excluding installation. (Including GST)</b>								
	hand wash basins	4	0	0	0	4	0		0
	Total					4	1478.17	Nos	5,913
	<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: 510 x 400 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>								
	indian toilets	4	0	0	0	4	0		0
	Total					4	1185	Nos	4,740
	<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>								
	For toilet slab	1	8.7	3.82	0.15	4.99	0		0
	Total					4.99	6821.34	cum	34,038
	<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	46569.23	PERCENT AGE	46,569

# మన బడి నాడు-నేడు

**Work Code** : 201920028724      **Name of the Work** : Providing Electrification with Fans and Tube Lights  
**Administrative Sanction No** : Proc.No2823021444/MBNN/2020-2021      **Technical Sanctioned** : /21-22 No  
**Estimate Amount (in Rs.)** : 1,67,494/-      **Work MBook Amount** : 1,59,293/- (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 1.8mm thick P.V.C. pipe (ISI Mark) concealed in wall with all required accessories including masonry work and labour charges etc., complete. (Excluding GST)								
	In Walls	1	172	0	0	172	0		0
	Total					172	71.44	mtr	12,288
	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)								
	From TPN to Power Socket	1	200	0	0	200	0		0
	Total					200	32.52	rmt	6,504
	Wiring with 2 runs of 22/0.3mm ( 1.5 Sq.mm) FRLS / HFFR / ZHFR P.V.C. insulated 1100V grade as per IS : 694 / 1990 specification flexible copper cable (ISI MARK) in existing pipe with 6A Modular switch, Ceiling rose/BH/SBH Modular switches with cover plate including all labour charges etc., complete for Light, Fan, Exhaust Fan etc., complete. (Excluding GST)								
	Fan Points	79	0	0	0	79	0		0
	Light Points	12	0	0	0	12	0		0
	Total					91	611.17	Nos	55,616
	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)								
	12 Module	4	0	0	0	4	0		0
	Total					4	284.35	Nos	1,137

## మన బడి నాడు-నేడు

	<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>								
	6A 3 pin Sockets	2	0	0	0	2	0		0
	Total					2	108.34	Nos	217
	<b>Supply and Fixing of 16A/6A, 2 in one socket with 16A switch control modular type with MS flush boxes with front cover plate including all labour charges etc., complete (Excluding GST)</b>								
	16A 3 Pin Socket	2	0	0	0	2	0		0
	Total					2	434.34	Nos	869
	<b>Supply and Fixing of 20A, 2 in one socket with 20A switch control modular type with MS flush boxes with front cover plate including all labour charges etc., complete (Excluding GST)</b>								
	18 A	4	0	0	0	4	0		0
	20A 3 Pin Socket	0	0	0	0	0	0		0
	Total					4	439.35	Nos	1,757
	<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>								
	Tubelights	24	0	0	0	24	0		0
	Total					24	867.5	Nos	20,820
	<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>								
	Tubelights	0	0	0	0	0	0		0
	Total					0	265	Nos	0
	<b>Fixing of 40W tube light luminaire on wall/ ceiling with/ Tw round blocks with all accessories including giving connections and all labour charges etc., complete. (Excluding GST)</b>								
	Fixing charges	0	0	0	0	0	0		0
	Total					0	135.32	Nos	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	9	0	0	0	9	0		0
	Total					9	209.75	Nos	1,888
	<b>Labour charges for fixing of ceiling fan and regulator including transportation and giving connections with twin core wire etc., complete. (Excluding GST)</b>								
	Labour charges for fixing of ceiling fan	20	0	0	0	20	0		0

## మన బడి నాడు-నేడు

	Total					20	138.88	Nos	2,778
	<b>Supply and fixing SPN Distribution board with IP-42 protection (Metal Door) suitable for single phase ELCB / RCCB / DP Isolator as incomer and 10kA SP MCBs as outing going including internal connection and labour charges for surface/ flush mounting etc., complete. (Excluding GST)</b>								
	Distribution Board	2	0	0	0	2	0		0
	Total					2	4107.07	Nos	8,214
	<b>Providing independent earthing by excavating a trench to a depth of 2.5 M in all soils, as per size specified in the Data, using 40mm GI B Class Pipe of 2.5 Mtrs length with necessary accessories duly providing staggered holes including filling with equal proportion of Salt and Charcoal in layers and all labour charges etc., complete. (Excluding GST)</b>								
	Earthing	1	0	0	0	1	0		0
	Total					1	4423.7	Nos	4,424
	<b>Supply and Transportation of 1.5 HP Single phase Mono block CI body motor pumpset confirms to IS 9079:2002 etc., completed finished item of work Makes: Kirloskar / Crompton / Texmo / CRI / KSB/Lubi / Havells Hi-flow V2 / PSG/Aryen Varsha (Excluding GST)</b>								
	Single phase Mono block Motor	0	0	0	0	0	0		0
	Total					0	9600	Nos	0
	<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>								
	No. of Fans Required	20	0	0	0	20	0		0
	Total					20	1440	Nos	28,800
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	13981.38	PERCENT AGE	13,981

Work Code : 201920028750

Name of the Work : Drinking Water Supply

# మన బడి నాడు-నేడు

Administrative Sanction No : Proc.No2823021444/MBNN/2020 Technical Sanctioned : /21-22  
-2021 No  
Estimate Amount (in Rs.) : 5,34,351/- Work MBook Amount : 3,64,883/-  
(in Rs.)

Date of Measure ment	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Earth work excavation for foundations and depositing on bank for all lifts and with an initial lead of 10m including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., complete for finished item of work. [Ordinary Soil - Manual means - Upto 3m depth] (Excluding GST)								
	1. Sump	1	5.1	2.27	2.4	27.78	0		0
	2. Hand wash pillars	1	0.8	0.3	0.6	0.14	0		0
	3. Hand wash walls	1	1.77	0.4	0.3	0.21	0		0
	4. Hand wash walls	1	2.57	0.4	0.3	0.31	0		0
	Total					28.44	267.54	cum	7,609
	Supplying, fitting and placing HYSD bar reinforcement complete as per drawings and technical specifications for bars below 36mm dia. including overlaps and wastage where they are not welded. (Excluding GST)								
	10mm HYSD bars	431.5	0	0	0	431.5	0		0
	12mm HYSD bars	28.27	0	0	0	28.27	0		0
	16mm HYSD bars	75.27	0	0	0	75.27	0		0
	8mm HYSD bars	48.65	0	0	0	48.65	0		0
	Total					583.69	48.41	Kgs	28,256
	Supplying & fixing Ashirvad/Astral flow guard for equivalent CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary excavation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls & floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work[22.20 mm dia CPVC SDR 13.50]. (Excluding GST)								
	22.20 MM OD Pipe	1	43.98	0	0	43.98	0		0
	Total					43.98	85	rmt	3,738
	Supplying & fixing Ashirvad/Astral flow guard for equivalent CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary excavation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls & floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work[34.90mm ODPipe - SDR 13.5]. (Excluding GST)								

## మన బడి నాడు-నేడు

	Sump to OHSR	1	19.83	0	0	19.83	0		0
	Total					19.83	193	rmt	3,827
	<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	4.4	3.84	0.15	2.53	0		0
	Total					2.53	6821.34	cum	17,258
	<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>								
	1. Handwash Front Columns	1	0.26	0	1.05	0.27	0		0
	2. Hand wash front wall top	1	1.91	0.15	0	0.29	0		0
	3. Hand wash Front wall Side	1	1.8	0	0.3	0.54	0		0
	4. Handwash Front wall top	1	2.95	0.15	0	0.44	0		0
	5. Handwash Front wall side	1	2.72	0	0.3	0.82	0		0
	6. Hand wash Inside wall	1	2.95	0	0.18	0.53	0		0
	7. Handwash inside wall	1	2.06	0	0.18	0.37	0		0
	8. Handwash inside wall alround	1	6.65	0	0.52	3.46	0		0
	9. Handwash platform	1	2.4	0.33	0	0.79	0		0
	9.1. Handwash platform	1	2.93	0.33	0	0.97	0		0
	Total					8.48	559.72	sqm	4,746

## మన బడి నాడు-నేడు

<b>Cost, supply and delivery of 75 mm diameter 6.00 kgs/cm2 test pressure Unplasticised PVC pipes suitable for potable water supplies conforming to IS 4985/200 (3rd revision) as per specifications including labour charges for laying, fixing and commissioning the PVC pipes including couplers/bends/tees etc., including fixing with necessary fittings like bends, plugs, couplers, junctions, tees etc., with solvent jointing as per standard practise including cost and conveyance of all materials to site for finished item of work at all floor levels. (Excluding GST)</b>									
Handwash waste water pipe	1	1.14	0	0	1.14	0			0
Total					1.14	262	rmt		299
<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 Grams	11	0	0	0	11	0			0
Total					11	351.76	Nos		3,869
<b>Plain Cement Concrete (1:5:10) M5 grade using 40mm nominal size SS5 hard broken granite metal including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete for finished item of work (Excluding GST)</b>									
For sump	1	5.1	2.27	0.2	2.32	0			0
Hand wash pillars	3	0.8	0.3	0.2	0.14	0			0
Hand wash walls	1	1.77	0.4	0.15	0.11	0			0
Hand wash walls	1	2.57	0.4	0.15	0.15	0			0
Total					2.72	3084.7	cum		8,390
<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>									
For OHSR	2	3.6	0.32	0.24	0.55	0			0
For OHSR	2	3.2	0.32	0.24	0.49	0			0
Total					1.04	8512.08	cum		8,853
<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

	Door Deduction	0	0	0.6	1	0	0		0
	Door deduction	1	0.6	0.6	0.12	-0.04	0		0
	Handwash Slab	1	2.24	0.45	0.1	0.1	0		0
	Handwash slab	1	3.56	0.45	0.1	0.16	0		0
	Sump	2	2.4	1.97	0.12	1.09	0		0
	Total					1.31	7496.99	cum	9,821
	<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 Top Slab	1	7.6	2.2	0	16.72	0		0
	Total					16.72	361.91	sqm	6,051
	<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>								
	Bottom Projection slab	0	0	0	0	0	0		0
	For OHSR	0	0	0	0	0	0		0
	Total					0	219.04	sqm	0

## మన బడి నాడు-నేడు

Drinking water system for schools with TDS reduction required to 150- 400 ppm from source water having 400-3000 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. Tank Frame: The overall Tank frame shall be made with stainless steel tube of size 25 mm x 25 mm x 1.6 mm thickness with all verticals and horizontals and also stiffeners at bottom of raw water tank & pure water tank including bottom supporting sheet of 3 mm thick. Openable Top cover of 01mm thickness with strong hinge :Top dimension size of tank SS 304 grade (643.8 mm x 529.4mmx37mm). Sink: 4 Nos. of heavy-duty taps connected to stainless steel flexible pipes from pure water tank to foot pedestal and foot pedestal to taps. Taps shall be fixed at height of 380mm from bottom sink. 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. Water Treatment unit with membrane filter(pore size 0.001 microns)UV System: UV system with 100 LPH , DC Pump - 12 - 24W, booster pump 100-150 GPD or appropriate rating for TDS membrane filter, VOLTAGE-24VDC; AMPS-1.4 to 2.1A; OPEN FLOW-2.0 to 2.5LPM; WORKING PRESSURE-75 PSI;SUCTION HEIGHT-2M; TDS Membrane filters(Green Membrane Technology with membrane pore size of 0.001 microns):01(one)number of Membranes are to be used in series. 100 gpd size 2112-15 LPH or equal (02)two in number.

Average purified drinking water output of 20-25 liters per hour at TDS of 150 to 400 ppm, based on feed water TDS from 400-2000 ppm and for range having 2000-3000ppm, the Company shall have to utilize suitable alternate Filtration to Bring down the TDS atleast to 500 ppm. Micron (Mud) filter-01. Socket - 01 No. Battery-12V-7ah [two (02) in number with all CHARGEABLE ACEESSORIES] or optimum rating. Dual Medial Filter(Activated Carbon Filter) - (Make: ACG / Aqua). 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)

## 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 ACEESSORIES; optimum rating. One TDS meter. The entire tank should be covered with stainless steel sheet of 1.0 mm thick of 304 grade, all-round 03 sides of tank unit including off-sets etc., and the Back door shall be made up of 1.20mm thick SS 304 grade complete with stiffeners of 12mm x 12mm x 1.5mm thickness. Top and Back panel shall be openable with locking system. 4 Nos. of 150mm height legs should be provided. Pedal push heavy duty taps shall be provided; All the pipes used are SS 304 Except the Drain pipe from dispenser , which can be UPVC of 40mm dia. (Excluding GST)</p>									
	RO Platform	0	0	0	0	0	0		0
	Total					0	65373	Nos	0

## మన బడి నాడు-నేడు

Drinking water system for schools with TDS reduction required to 150-400 ppm from source water having TDS 400-3000 ppm: Type- II: Supplying and fixing of Drinking water system with the specifications detailed and the Cost includes manufacturer, transportation, Supply, Erection, Commissioning and Testing at the school premises, loading & unloading charges etc., all incidental charges, including GST etc., all other taxes and charges for complete finished item of work, with a warranty period of 05(five) years and further extendable AMC for a period of 05(five) years on mutually agreed terms and conditions. Raw water tank: Capacity : 500 Liters ; Dia. of tank :765 mm; Height: 1050 mm.

Stand - Height: 550 mm. Ring of diameter 768mm made with stainless steel tube of size 25mm x 25mm x 1.6mm thick, 6 Nos of legs and with tie made of stainless-steel tube of size 25mm x 25mm x 1.6mm thick of approved brand , Outlet pipe made up of stainless-steel SS 304 grade of diameter 40.0 mm and inlet pipe made up of stainless steel 304 grade of diameter 25.40mm of approved brand Stainless steel drain pipe of diameter 40.00mm shall be provided with functional valve. Water Treatment unit with TDS membrane System; Vessel / dual media of 255.00 mm dia. and 1370.00 mm height – make Pentair, with 40 kg quartz sand – 3 mm – 5mm size and Activated Carbon 25 kg of coconut shell based (2 mm – 5mm size) with 25 (nb)mm multiport valve ; UV system with 1000 LPH capacity with stainless steel body 500 mm height ; TDS Membrane filters -04(Green Membrane Technology with membrane pore size 0.001 microns) to bring water TDS levels 150-400 ppm for TDS 400-2000ppm feed water at an Average purification of 100-140 liters per hour ,based on feed water TDS by connecting the below given rated 4 Membranes in series in stages using residual water after diverting the purified water at every stage. The TDS membrane filters are : 400 gpd size 4012-50LPH or Equal;320 gpd size 3012-40LPH or Equal; 200 gpd size 2512-30 LPH or Equal; 100 gpd size 2112-15 LPH or Equal and for TDS range 2000-3000 ppm the company has to explore alternate mechanism to bring down TDS atleast to 500ppm ; (Mud) Micron filter-1. All the above shall be mounted in stainless steel framed stand made with 40mm size square Stainless-steel pipe of 304 grade and fitted with Stainless steel pipe lines (SS 304 grade) with necessary fitting; Centrifugal pump 0.5 HP with 5 years warranty; Booster pump 300 Gpd OR SUITABLE RATING with 5 years warranty, Booster pump 300 Gpd OR SUITABLE RATING or appropriate rating for TDS membrane filter, VOLTAGE-24VDC; AMPS-1.4 to 2.1A; OPEN FLOW-2.0 to 2.5LPM; WP-75PSI; SUCTION HEIGHT-2M ; Battery-12V-7ah [two(02) in number along with all Charging accessories] OR optimum rating. Pressure gauge, TDS Meter, Treated Water Tank: Capacity:300 Liters, Shell diameter :765 mm, Height of shell :650 mm; Stand: Height of stand :1310 mm. Stand shall be made with stainless steel 304 grade tube of size 25mm x 25mm x 1.6mm thickness for the top in circular shape and stainless steel 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. Outlet pipe made with stainless steel pipe of diameter 40.0mm and inlet pipe made with stainless steel pipe of diameter 25.40 mm Stainless steel drain pipe of diameter 40mm shall be provided with functional valve. Water Dispenser: [ Stainless Steel Sink] Stainless steel Water Dispenser of size 3000mm x 450mm x 1050mm as shown in figure made with stainless steel 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 of SS coated Gun metal push or any better quality taps with 40mm (1½”) diameter Stainless steel connecting pipe up to 3mtrs length with necessary Stainless steel clamps at 3 supports and the frame shall be made with 40mm x 40mm x 1.2mm thick size stainless steel grade 304 square tubes. (Excluding GST)

## మన బడి నాడు-నేడు

**DRINKING WATER SYSTEM FOR SCHOOLS HAVING SOURCE WATER TDS BELOW 400 PPM : TYPE- III : Supplying and fixing of Drinking water system with the specifications detailed and the Cost includes manufacturer, transportation, Supply, Erection, Commissioning and Testing at the school premises, loading & unloading charges etc., all incidental charges, including GST etc., all other taxes and charges for complete finished item of work, with a warranty period of 05(five) years and further extendable AMC for a period of 05(five) years on mutually agreed terms and conditions.**

**Raw water tank: Capacity: 500 Liters, Dia. of tank:765 mm, Height:1050 mm,Stand - Height: 550 mm, Ring of diameter 768mm made with stainless steel tube of size 25mm x 25mm x 1.6mm thick, 6 Nos of legs and with tie made of stainless-steel tube of size 25mm x 25mm x 1.6mm thick. Outlet pipe made up of Stainless steel SS 304 grade of diameter 40.0 mm and inlet pipe made up of stainless steel 304 grade of diameter 25.40mm.**

**Stainless steel drain pipe of diameter 40.00mm. Water Treatment unit with Ultra Violet System: Vessel / dual media of 255.00 mm dia. and 1370.00 mm height make Pentair, with 40 kg quartz sand – 3 mm – 5mm size and Activated carbon 25 kg of coconut shell based (2 mm – 5mm size) with 25 (nb)mm multiport valve –Jumbo filter housing with 5/10 micron. UV system with 1000 LPH capacity with stainless steel body 500 mm height 1000 LPH.Mud filter-1.All the above shall be mounted in stainless steel framed stand made with 40mm size square Stainless-steel pipe of 304 grade and fitted with Stainless steel pipe lines (SS 304 grade) with necessary fittings. Centrifugal pump 0.5 HP, Pressure gauge, TDS meter, Booster pump 0.5 with 5 years warranty, Socket - 01 No, Battery-12V-7ah 1 in number along with all Charging accessories] OR optimum rating. Treated Water Tank: Capacity:300 Liters, Shell diameter:765 mm,Height of shell: 650 mm. Stand: Height of stand :1310 mm, Stand shall be made with stainless steel 304 grade tube of size 25mm x 25mm x 1.6mm thickness for the top in circular shape and stainless steel 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 (SS 304 grade Pipe shall be of approved brand, Outlet pipe made with stainless steel pipe of diameter 40.0mm and inlet pipe made with stainless steel pipe of diameter 25.40 mm of approved brand, Stainless steel drain pipe of diameter 40mm shall be provided with functional valve. Water Dispenser(Size 3000mm x 450mm x 1200mm): Stainless steel Water Dispenser of size 3000mm x 450mm x 1200mm as shown in figure made with stainless steel 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 diameter Stainless steel connecting pipe up to 3mtrs length with necessary Stainless steel clamps at 3 supports and the frame shall be made with 40mm x 40mm x 1.2mm thick size stainless steel grade 304 square tubes and levers at bottom of frame for level adjustment. (Excluding GST)**

Drinking water System	0	0	0	0	0	0		0
Total					0	115850	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 supply	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)									
Handwash above slab	2	0.73	0.14	0.58	0.12	0			0
Handwash above slab	1	5.7	0.26	0.58	0.86	0			0

## మన బడి నాడు-నేడు

	Handwash below slab	1	4.65	0.13	0.22	0.13	0		0
	Handwash brickwork below slab	1	1.84	0.23	0.86	0.36	0		0
	Handwash brickwork below slab	1	2.75	0.23	0.86	0.54	0		0
	Handwash Pillars	1	0.69	0.69	0.86	0.41	0		0
	Handwash pillars	1	0.73	0.26	0.78	0.15	0		0
	Handwash pillars	1	0.73	0.26	0.78	0.15	0		0
	OHSR above Bottom slab	2	3.15	0.23	1.24	1.8	0		0
	OHSR above bottom slab	3	3.65	0.23	1.24	3.12	0		0
	OHSR Columns	4	0.47	0.53	0.34	0.34	0		0
	Sump	1	12.62	0.23	2.13	6.18	0		0
	Total					14.16	5131.45	cum	72,661
	<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>								
	For handwash platform	1	3	4	0.3	3.6	0		0
	Total					3.6	378.5	cum	1,363
	<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>								
	Bottom Projection slab	2	4.4	0	0.6	5.28	0		0
	Bottom Projection slab	2	3.84	0	0.6	4.61	0		0
	For handwash outer	2	0.75	0	1.43	2.15	0		0
	For OHSR	2	3.6	0	1.48	10.66	0		0
	For OHSR	2	3.84	0	1.48	11.37	0		0
	Hand wash above slab	1	3.04	0	0.61	1.85	0		0
	Hand wash pillars	2	0.73	0	0.84	1.23	0		0
	Handwash above slab	1	2.17	0	0.61	1.32	0		0
	Handwash above slab	1	4.78	0	0.22	1.05	0		0
	Handwash above slab	1	4.78	0	0.45	2.15	0		0
	Handwash below slab	1	1.7	0	0.84	1.43	0		0
	Handwash below slab	1	2.57	0	0.84	2.16	0		0

## మన బడి నాడు-నేడు

	Handwash outer	1	2.69	0	1.2	3.23	0		0
	Handwash pillars	2	0.71	0	0.84	1.19	0		0
	overall top plastering in handwash	1	7.75	0.26	0	2.02	0		0
	Total					51.7	313.81	sqm	16,224
	<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>								
	For OHSR	2	3.15	0	1.24	7.81	0		0
	For OHSR	2	3.65	0	1.24	9.05	0		0
	For Sump	2	1.51	0	2.13	6.43	0		0
	For sump	2	4.8	0	2.13	20.45	0		0
	OHSR Partition wall	1	3.65	0	2.48	9.05	0		0
	Total					52.79	109.22	sqm	5,766
	<b>Supplying &amp; Transportation of 0.5H.P single phase ISI Mono block CI body motor pumpset(25x25mm) Make:Kirlosker/Cropmton/Texmo/KSB/Lubi. As per (ELEC-5.4.11) (Excluding GST)</b>								
	MOtor	1	0	0	0	1	0		0
	Total					1	5000	Nos	5,000
	<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	24447.84	PERCENT AGE	24,448

Work Code : 201920028867

Name of the Work : Paintings to School

Administrative Sanction No : Proc.No2823021444/MBNN/2020-2021

Technical Sanctioned : /21-22 No

Estimate Amount (in Rs.) : 3,65,809/-

Work MBook Amount : 2,38,868/- (in Rs.)

Date of Measure ment	Description of Item	Measurement upto date	Total Quantity	Rate	Units	Total Value of work done
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## మన బడి నాడు-నేడు

		No	L	B	D				
	<b>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)</b>								
	External Classroom 1	1	110.76	0	1	110.76	0		0
	External Classroom 2	1	122.6	0	1	122.6	0		0
	External Classroom 3	1	125.33	0	1	125.33	0		0
	External classroom 4,5	1	129.12	0	1	129.12	0		0
	External Classroom 6	1	78.97	0	1	78.97	0		0
	External Kitchen shed	1	62.73	0	1	62.73	0		0
	External old toilets	1	42.57	0	1	42.57	0		0
	Internal clasroom 2	1	97.8	0	1	97.8	0		0
	Internal Classroom 1	1	104.97	0	1	104.97	0		0
	Internal Classroom 3	1	118.04	0	1	118.04	0		0
	Internal classroom 4	1	61.8	0	1	61.8	0		0
	Internal classroom 5	1	56.34	0	1	56.34	0		0
	Internal classroom 6	1	138.49	0	1	138.49	0		0
	Internal kitchen shed	1	68.93	0	1	68.93	0		0
	Internal old toilets	1	39.61	0	1	39.61	0		0
	Internal varandah for classroom 4,5	1	79.06	0	1	79.06	0		0
	Total					1437.12	8.78 sqm		12,618
	<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>								
	Classroom 3	1	56.12	0	1	56.12	0		0
	Classroom 4,5	1	127.66	0	1	127.66	0		0
	Classroom 6	1	71.33	0	1	71.33	0		0
	For Classroom 1,2	1	161.19	0	1	161.19	0		0
	Kitchen shed	1	24.82	0	1	24.82	0		0
	Old toilets	1	20.06	0	1	20.06	0		0
	Total					461.18	10.21 sqm		4,709

## 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>									
Classroom 1	1	104.97	0	1	104.97	0			0
Classroom 2	1	97.8	0	1	97.8	0			0
Classroom 3	1	118.04	0	1	118.04	0			0
Classroom 4	1	61.8	0	1	61.8	0			0
Classroom 4,5 varandah	1	79.06	0	1	79.06	0			0
Classroom 5	1	56.34	0	1	56.34	0			0
classroom 6	1	138.49	0	1	138.49	0			0
Kitchen shed	1	68.93	0	1	68.93	0			0
old toilets	1	39.61	0	1	39.61	0			0
Overall	1	57.68	0	1	57.68	0			0
Total					822.72	87.03	sqm		71,601
<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>									
Classroom 1	1	110.76	0	1	110.76	0			0
Classroom 2	1	122.6	0	1	122.6	0			0
Classroom 3	1	125.33	0	1	125.33	0			0
Classroom 4,5	1	129.12	0	1	129.12	0			0
Classroom 6	1	78.97	0	1	78.97	0			0
Compound wall	1	176.14	0	1	176.14	0			0
Kitchen shed	1	62.73	0	1	62.73	0			0
old toilets	1	42.57	0	1	42.57	0			0
Overall	1	57.33	0	1	57.33	0			0
Total					905.55	85.02	sqm		76,990

## మన బడి నాడు-నేడు

<b>Grills and Gates (iron Doors, Windows, Gates, Grills etc.) with primary coat of Red oxide : - 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 (Excluding GST)</b>									
Classroom 1,2 Doors	1	1.2	0	2.1	2.52	0			0
Classroom 1,2 windows	6	1.5	0	1.3	11.7	0			0
Classroom 3 doors	1	0.97	0	2.1	2.04	0			0
Classroom 3 windows	3	1.8	0	1.2	6.48	0			0
Classroom 4,5 doors	2	1.22	0	1.78	4.34	0			0
Classroom 6 door	1	1.2	0	2.12	2.54	0			0
Classroom 6 windows	3	1.5	0	1.37	6.17	0			0
Kitchen door	1	1.2	0	2.12	2.54	0			0
Kitchen window	1	1.2	0	1.2	1.44	0			0
Overall	1	39.77	0	1	39.77	0			0
Total					79.54	90.01	Sqm		7,159
<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>									
Classroom 4,5 windows	6	1.34	0	1.34	10.77	0			0
Kitchen wooden window	1	0.89	0	1.13	1.01	0			0
Overall	1	11.78	0	1	11.78	0			0
Total					23.56	96.02	Sqm		2,262

## మన బడి నాడు-నేడు

	(Berger Paints India) Painting to Old walls with Single coat of acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/liter of superior quality of approved brand and shade making single coat in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, , cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for INTERNAL WALLS. (make: Berger /Asian) Colour code: Sugericing (NN Crem) -3P0237 Ceiling: white (Including GST)								
	Classroom 1,2	1	161.19	0	1	161.19	0		0
	Classroom 3	1	56.12	0	1	56.12	0		0
	Classroom 4,5	1	127.66	0	1	127.66	0		0
	Classroom 6	1	71.33	0	1	71.33	0		0
	Kitchen shed	1	24.82	0	1	24.82	0		0
	Old toilets	1	20.05	0	1	20.05	0		0
	Overall	1	30.15	0	1	30.15	0		0
	Total					491.32	87.03	Sqm	42,760
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	20769.26	PERCENT AGE	20,769

<b>Work Code</b>	: 201920028887	<b>Name of the Work</b>	: Major and Minor Repairs
<b>Administrative Sanction No</b>	: Proc.No2823021444/MBNN/2020-2021	<b>Technical Sanctioned</b>	: /21-22 No
<b>Estimate Amount (in Rs.)</b>	: 12,09,237/-	<b>Work MBook Amount</b>	: 10,18,388/- (in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Dismantling, clearing away and carefully stacking useful materials for re-use and disposal of unserviceable materials with 100m lead as directed by Executive Engineer duly taking actual premeasurements before dismantling including all labour charges , overheads & contractor profit etc., complete [Brick masonry] (Excluding GST)								
	Classroom varandah wall	1	2.7	0.23	2.93	1.82	0		0

## మన బడి నాడు-నేడు

	For OHSR Columns	4	0.48	0.53	0.59	0.6	0		0
	Kitchen wall removal	1	10.07	0.23	0.45	1.04	0		0
	Old toilet walls	2	1.45	0.16	1.94	0.9	0		0
	Small Tank in old toilets	1	1.1	0.9	0.8	0.79	0		0
	Wall Removal For Kitchen door	1	0.85	0.23	2.05	0.4	0		0
	Wall removal for window in classroom 3	1	1.16	0.23	1.05	0.28	0		0
	Total					5.83	262.08	cum	1,528
	<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 [Kadapa slabs or shahabad stone slabs on sand bed] (Excluding GST)</b>								
	For Classroom flooring	2	6.1	4.85	0	59.17	0		0
	For Classroom flooring	1	6.17	4.9	0	30.23	0		0
	For Varandah	1	12.62	3	0	37.86	0		0
	For Varandah	1	6.17	3.39	0	20.92	0		0
	For Varandah	2	6.2	2.95	0	36.58	0		0
	Total					184.76	6.6	Sqm	1,219
	<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 Classroom 3 Lintel level sunshade	1	6.62	0.6	0.09	0.36	0		0
	For Classroom 4, 5 Impervious coat	1	13.35	8.9	0.09	10.69	0		0
	For Doors Fixing	4	0.2	0.23	2.2	0.4	0		0
	For Doors fixing	2	1.2	0.23	0.2	0.11	0		0
	Lintel level sunshade	1	13.35	0.6	0.09	0.72	0		0
	Total					12.28	1024.8	cum	12,585
	<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 [Old cement mortar plaster] (Excluding GST)</b>								
	Blackboards Removal	5	1.8	0	1	9	0		0

## మన బడి నాడు-నేడు

	For Classroom 3 Front	1	6.62	0	3.9	25.82	0		0
	Iron door deduction	1	0.9	0	2	-1.8	0		0
	Iron Grill Deduction	1	1.37	0	1.23	-1.69	0		0
	Iron window deduction	1	1.06	0	1.05	-1.11	0		0
	Window sunshades	12	2.1	0.7	0	17.64	0		0
	Total					47.86	5.5	Sqm	263
	<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>								
	Classroom 4,5 wooden doors	2	0	0	0	2	0		0
	For Classroom 4,5 Wooden windows	6	0	0	0	6	0		0
	For kitchen door	1	0	0	0	1	0		0
	Total					9	154.75	Nos	1,393
	<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>								
	overall cracks	0	0	0	0	0	0		0
	Total					0	38	rmt	0
	<b>Earth work excavation and depositing on bank with initial lead of 10m and initial lift of 3m in Loamy &amp; Clayey Soils like BC Soils, Red Earth &amp; Ordinary Gravelly Soils ( SS 20-B) including all operational incidental labour charges such as shoring, strutting, sheeting, planking and dewatering including cost of hire charges of T &amp; P, labour charges etc., complete for finished item of work including seignorage charges excluding dewatering charges etc., complete for Foundation of Building.(APSS No. 308) (Excluding GST)</b>								
	For kitchen long walls	1	2.87	0.6	0.6	1.03	0		0
	For Kitchen short walls	2	2.3	0.6	0.9	2.48	0		0
	Total					3.51	152.88	cum	537
	<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>								
	1. Kitchen Short walls	2	2.3	0.6	0.15	0.41	0		0
	1.1 Kitchen Long walls	1	2.87	0.6	0.15	0.26	0		0

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	2. Classroom 4&5 Varandah	1	6	2.97	0.15	2.67	0		0
	2.1 Classroom 4&5 Varandah	1	6.66	2.69	0.15	2.69	0		0
	2.2 Classroom 4&5	2	6.05	4.8	0.15	8.71	0		0
	3. Classroom 6	1	6.1	4.8	0.15	4.39	0		0
	3.1 Classroom 6 Varandah	1	6.1	3	0.15	2.74	0		0
	4. Classroom 1&2 Varandah	2	6.1	2.9	0.15	5.31	0		0
	5. For old toilets	1	4.65	1.45	0.15	1.01	0		0
	6. Inside Kitchen	1	5.31	3.27	0.15	2.6	0		0
	6.1 Wall deduction	1	3.27	0.23	0.15	-0.11	0		0
	6.2 Wall deduction	1	0.92	0.26	0.15	-0.04	0		0
	6.3 Wall deduction	1	0.63	0.26	0.15	-0.02	0		0
	6.4 Wall deduction	1	0.63	0.14	0.15	-0.01	0		0
	Total					30.61	3084.7	cum	94,423
	<b>Random Rubble stone masonry in CM (1:6) using hard variety of Granite stones from approved quarry including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for foundation and basement. (Excluding GST)</b>								
	For Kitchen short walls	2	2.2	0.45	0.75	1.49	0		0
	Kitchen long walls	1	2.87	0.45	0.45	0.58	0		0
	Total					2.07	3240.33	cum	6,707
	<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>								
	Chimney	1	1.2	0	1	1.2	0		0
	Chimney	1	0.93	0	1	0.93	0		0
	Kitchen Chimney	2	2.13	0	1.17	4.98	0		0
	Kitchen Shed-Long Wall1	2	3.31	1	0.8	5.3	0		0
	Kitchen Shed-Long Wall2	2	3.18	1	0.8	5.09	0		0
	Kitchen Shed-Long Wall3	1	0.6	1	0.6	-0.36	0		0
	Kitchen Shed-Long Wall4	2	1.74	1	2.75	9.57	0		0
	Kitchen Shed-Long Wall5	1	0.6	1	0.6	-0.36	0		0
	Kitchen Shed-Short Wall1	1	3.31	1	2.75	9.1	0		0

## మన బడి నాడు-నేడు

	Kitchen Shed-Short Wall2	1	1.2	1	1.17	-1.4	0		0
	Kitchen Shed-Short Wall3	1	3.31	1	0.8	2.65	0		0
	Kitchen Shed-Short Wall4	1	1.3	1	0.87	1.13	0		0
	Kitchen Shed-Short Wall5	1	6.39	1	1.06	6.77	0		0
	Toilet Block-Long Wall1	2	0.6	1	3.43	4.12	0		0
	Total					48.72	233.11	sqm	11,357
	<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>								
	1. Building 4&5 Varandah	1	11.1	0.25	0.35	0.97	0		0
	1.1 Deductions	2	1.25	0.25	0.25	-0.16	0		0
	1.2 Parapet wall	2	13.76	0.12	0.2	0.66	0		0
	1.3 Parapet wall	2	9	0.12	0.2	0.43	0		0
	2. Classroom 6 Varandah	1	5.4	0.23	0.4	0.5	0		0
	2.1 Deductions	1	1.17	0.23	0.4	-0.11	0		0
	3. Classroom 1 varandah	1	4.47	0.23	0.54	0.56	0		0
	4. Classroom 2 varandah	1	4.43	0.23	0.44	0.45	0		0
	5. Closing of doors in old toilets	2	0.6	0.23	1.6	0.44	0		0
	6. Classroom 3 step	1	1.35	0.4	0.2	0.11	0		0
	7. Kitchen shed walls room 1	2	3.77	0.23	0.8	1.39	0		0
	7.1 Room 1	2	3.42	0.23	0.8	1.26	0		0
	7.2 Ventilator deduction	1	0.6	0.23	0.6	-0.08	0		0
	7.3 Room 2 Short wall	2	2.2	0.23	2.9	2.93	0		0
	7.4 Ventilator deduction	1	0.6	0.23	0.6	-0.08	0		0
	7.5 Room 2 long wall	1	3.77	0.23	2.9	2.51	0		0
	7.6 Window deduction	1	1.2	0.23	1.17	-0.32	0		0
	7.7 Rack wall	2	0.6	0.15	0.88	0.16	0		0
	7.7.1 Rack wall	1	0.6	0.15	0.68	0.06	0		0
	7.7.2 Rack wall	1	0.9	0.13	0.88	0.1	0		0
	7.7.3 Rack wall	1	0.9	0.13	0.92	0.11	0		0
	7.8 Chimney	1	0.9	0.12	1.53	0.17	0		0
	7.8.1 Chimney	1	0.5	0.12	1.8	0.11	0		0



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	7.8.2 Chimney	1	0.6	0.12	1.66	0.12	0		0
	Total					12.29	5131.45	cum	63,066
	<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>								
	Kitchen Shed-10mm HYSD bars	92.29	0	0	0	92.29	0		0
	Kitchen Shed-8mm HYSD bars	80.64	0	0	0	80.64	0		0
	Total					172.93	48.41	Kgs	8,372
	<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>								
	For Kitchen slab	1	5.85	4.2	0.13	3.07	0		0
	Total					3.07	7265.34	cum	22,305
	<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>								
	Allround doors	2	0.2	0	2.3	0.92	0		0
	Alround doors	1	1.2	0	0.23	0.28	0		0
	Classroom 2 varandah walls	1	4.43	0	1.14	5.05	0		0
	Classroom 3 lintel level front projection	1	6.9	0.1	0	0.69	0		0
	Classroom 3 wall	1	6.62	0	3.9	25.82	0		0
	Classroom 4,5 lintel level front projection	1	13.35	0.1	0	1.33	0		0
	Classroom 4,5 varandah walls	1	11.1	0	0.95	10.54	0		0
	Classroom 6 parapet wall	1	44.98	0	0.2	9	0		0
	Door deduction	1	0.9	0	2	-1.8	0		0
	For kitchen right wall	1	3.77	0	0.8	3.02	0		0
	Grill deduction	1	1.37	0	1.23	-1.69	0		0

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	New front and back wall	2	2.2	0	2.9	12.76	0		0
	New left wall	1	3.77	0	2.9	10.93	0		0
	Old front and back wall	2	3.65	0	0.8	5.84	0		0
	Varandah wall	1	1.45	0.16	0	0.23	0		0
	Varandah wall	1	0.16	0	1	0.16	0		0
	Varandah walls for classroom 1	1	4.47	0	1.33	5.95	0		0
	Varandah walls for classroom 6	1	5.4	0	1.08	5.83	0		0
	Ventilator deduction	0	0	0	0	0	0		0
	Ventilator deduction	1	0.6	0	0.6	-0.36	0		0
	Vrandah wall plastering	2	0.16	0	4.04	1.29	0		0
	Window deduction	1	1.06	0	1.05	-1.11	0		0
	Window deduction	1	1.2	0	1.17	-1.4	0		0
	Total					93.28	313.81	sqm	29,272
	<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>								
	Class Room-Slab1	0	0	8.9	1	0	0		0
	Class Room-Slab2	0	0	8.01	1	0	0		0
	Total					0	335.99	sqm	0
	<b>Providing impervious coat 1:1.5:3 mix using 6mm chips with 4 mm thick welded mesh of size (2x3) using over RCC roof slab to required slopes with CM (1:3) prop. 20mm thick (average) mixed with water proofing compound manufactured by reputed manufacturers as approved by Engineer-in-charge at 1Kg/bag of cement, laid over roof slab when it is green, finished smooth with a floating coat of neat cement and thread lining at regular intervals of 45cmx45cm, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, sand, water proofing compound, water etc., to site, seigniorage charges, sales &amp; other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, laying, rounding off at junctions of wall and slab, rendering smooth with thread lining, curing, lift charges, etc., complete for finished item of work (Excluding GST)</b>								
	For classroom 3	1	6.16	8.01	0	49.34	0		0
	For Classroom 4,5	1	13.35	8.9	0	118.81	0		0
	Total					168.15	1346.97	sqm	2,26,493

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	<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>								
	Entrance Main Gate	385	0	0	0	385	0		0
	Total					385	70.08	Kgs	26,981
	<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>								
	Classroom 4,5	2	20.53	0	0.1	4.11	0		0
	Classroom 4,5 varandah	1	30.12	0	0.1	3.01	0		0
	Classroom 6	1	21.68	0	0.1	2.17	0		0
	Classroom 6 varandah	1	16.18	0	0.1	1.62	0		0
	Door skirting	0	0	0	0	0	0		0
	For classroom 1,2 varandah	2	16.27	0	0.1	3.25	0		0
	Total					14.16	756.86	sqm	10,717
	<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>								
	1. Classroom 4&5 Varandah	1	6.66	2.69	0	17.92	0		0
	2. Classroom 4 door step	1	1.17	0.4	0	0.47	0		0
	3. Classroom 4&5 varandah wall	1	12.68	0.26	0	3.3	0		0
	3.1 Cloumn deduction	1	0.63	0.26	0	-0.16	0		0
	3.2 Column deduction	1	0.27	0.26	0	-0.07	0		0
	3.3 Column deduction	1	0.39	0.26	0	-0.1	0		0
	3.4 Column deduction	1	0.35	0.26	0	-0.09	0		0
	3.5 Side wall granite at door entrance	2	0.26	0	0.28	0.15	0		0
	3.5.1 Side wall granite door entrance	2	0.26	0	0.18	0.09	0		0

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3.6 Door step	2	0.84	0.26	0	0.44	0		0
4. Classroom 6 varandah wall	1	5.92	0.26	0	1.54	0		0
4.1 Column deduction	1	0.33	0.34	0	-0.11	0		0
4.2 Side wall door entrance	2	0.26	0	0.36	0.19	0		0
5. Classroom 1&2 Varandah door step	2	1.12	0.28	0	0.63	0		0
Classroom 1,2 varandah	2	6.1	2.9	0	35.38	0		0
Classroom 4,5	2	6.05	4.8	0	58.08	0		0
Classroom 4,5 varandah	1	6	2.97	0	17.82	0		0
Classroom 6	1	6.1	4.8	0	29.28	0		0
Classroom 6 varandah	1	6.1	3	0	18.3	0		0
Total					183.06	1828.5	sqm	3,34,725
<b>Flooring with precast concrete blocks for paving of M-40 grade and thickness not less than 80 mm for Non-traffic areas conforming to IS 15658:2006 only after it is properly cured, cleaned, moistened and where necessary treated with neat grey cement slurry of honey like consistency spread at 3.3 kgs of cement for 1 sqm. and jointed with neat cement paste to full depth, including cost and conveyance of all materials like cement, sand, water, flooring stones etc. to site, seigniorage charges, sales and other taxes on all materials, all operational, incidental and labour charges such as dressing of flooring stones to the required sizes, mixing of cement mortar, laying, jointing, curing, lift charges etc., complete for finished item of work. (Excluding GST)</b>								
infront of classrooms	1	20	2.5	0	50	0		0
Infront of gate	1	8	3	0	24	0		0
Total					74	774.77	sqm	57,333
<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	109112.97	PERCENT AGE	1,09,113

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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