

# మన బడి నాడు-నేడు

**Measurement Book No : 28236000108001**

District Name	:	<b>CHITTOOR</b>
Mandal Name	:	<b>PEDDAPANJANI</b>
Village Name	:	<b>BATTAMDODDI</b>
Name of the Executing Agency	:	<b>Panchayat Raj</b>
Name of School	:	<b>MPUPS PEDDARIKUNTA</b>
U-Dise Code	:	<b>28236000108</b>
Technical Sanctioned Amount	:	<b>2821864</b>
Admin Sanctioned Amount	:	<b>2821864</b>
Total Expenditure	:	<b>2605591</b>

# మన బడి నాడు-నేడు

## Abstract

U-Dise Code : 28236000108  
Technical Sanctioned Amount : 2821864  
Admin Sanctioned Amount : 2821864  
Total Expenditure : 2605591  
MBook Number : 28236000108001

Work Code	Work type name	Estimated Cost	Value of work done
201920001465	English Labs	40000	44800
201920031290	Green Chalk Board	82474	82392
201920031427	Furniture for Students and Staff	595356	577375
201920032472	Providing Electrification with Fans and Tube Lights	367307	210811
201920036436	Major and Minor Repairs	1053761	978823
201920036814	Drinking Water Supply	243240	235164
201920040436	Paintings to School	158061	206366
201920040766	Construction of Toilet with Running Water	281665	269862
	Total	2821864	2605591

Signature of Engineering  
Assistant

Signature of FE/AE/AEE  
U SRINIVAS

Signature of Deputy Executive Engineer  
Chereddi Naveenkumar

Signature of Executive Engineer  
Kandepu Kedareswara Rao

# మన బడి నాడు-నేడు

<b>Work Code</b>	: 201920001465	<b>Name of the Work</b>	: English Labs
<b>Administrative Sanction No</b>	: Proc.No: 2823020100 / MBNN / 2020-2021	<b>Technical Sanctioned</b>	: 119 No
<b>Estimate Amount (in Rs.)</b>	: 40,000/-	<b>Work MBook Amount</b>	: 44,800/- (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	40000	0		0
	Total					40000	1	LS	40,000

<b>Work Code</b>	: 201920031290	<b>Name of the Work</b>	: Green Chalk Board
<b>Administrative Sanction No</b>	: Proc.No: 2823020100 / MBNN / 2020-2021	<b>Technical Sanctioned</b>	: /21-22 No
<b>Estimate Amount (in Rs.)</b>	: 82,474/-	<b>Work MBook Amount</b>	: 82,392/- (in Rs.)

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

## 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)									
Green Chalk Boards	8	0	0	0	8	0			0
Total					8	10299	Nos		82,392

Work Code : 201920031427

Name of the Work : Furniture for Students and Staff

Administrative Sanction No : Proc.No: 2823020100 / MBNN / 2020-2021

Technical Sanctioned : /21-22 No

Estimate Amount (in Rs.) : 5,95,356/-

Work MBook Amount : 5,77,375/- (in Rs.)

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	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	9	0	0	0	9	0		0
	Total					9	3304	Nos	29,736

## మన బడి నాడు-నేడు

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

Dual Desks for 1 to 3	24	0	0	0	24	0		0
Total					24	6768.38	Nos	1,62,441

## 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 polyester 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>									
Almiriahs for teachers	2	0	0	0	2	0			0
Total					2	9400	Nos		18,800
<p><b>(Zenith Metaplasta Pvt. Ltd) Teacher Chairs- Supply, Delivery and Assembling at site, S Type Chairs with overall dimensions [ W 580mm x D 575mm x H 900mm ] with arms, and the frame shall be made of CR Tube 25.4mm, 2.00 mm thickness. Seat shall be of size (525 mm x 480 mm) and back of size ( 525 mm (W) x 410 mm (H) ) with curve model. The seat and back of the chair shall be made of 18mm thick plywood (Tolerance as per IS 303 (1989) of MR Grade DSL (Double side laminated) and all edges shall be rounded. Make of Ply wood: Merino/Green ply/Century / kitply. Make of Laminate : Merino / Greenlam / ASIS / Century. The under structure assembly is a cantilever type frame made of CR Tube (make ESSAR / TATA / SAIL / JINDAL) diameter 25.4 cm and 2 mm thickness. Arms shall be with Poly Urethane, of 450mm length. Steel should undergo pre treatment process viz, degreasing, pickling, phosphating etc for rust resistance and durability as per IS std 3618 1996. Epoxy polyester powder coating plain grey colour as per IS 101-1-5(1989). Necessary details are shown in figure below. The total cost of unit shall include cost of all materials, manufacture, transportation, assembling at site including loading, unloading and assembling charges at different floor levels of the building, including GST, all other taxes and charges for complete finished chair. The item shall carry a warranty period of 5 Years (60 months) from the date of supply. (Including GST)</b></p>									
Chairs for teachers	9	0	0	0	9	0			0
Total					9	2940.01	Nos		26,460
<p><b>(Zenith Metaplast Pvt Ltd) Dual Desk Type-II (Class III to V) Supply &amp; Placing Dual desk for class III to V ; TYPE-II (A) (Color Parrot Green, 251 of Greenlam or Equivqlent or any other colours decided by the Govt.) The overall dimensions of desk will be W 1066mm x D 930mm x H 688 (for table top). The seating bench height shall be 423 mm. The desk shall be manufactured as per the specifications mentioned below: - (1) Table top shall be made up of 18.0 mm thick plywood (tolerance as per IS 303) of MR Grade OSL (one side shall be laminated, and other side shall have balancer finish). Table top dimensions shall be W 1008.0 mm x D 380.0 mm. Edge towards bench shall be post formed with round edge. The remaining three edges must be sealed with 2mmthick PVC edge banding tape. Edge band must be trimmed on edges and corners. The desk shall be Green guard certified for low chemical emission of</b></p>									

## మన బడి నాడు-నేడు

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)

Type 2 Dual desks	24	0	0	0	24	0		0
Total					24	6821.78	Nos	1,63,723

(Swadeshi Khadi Gramodhyog) Dual Desk Type-III (Class VI to VII) Supply & Placing Dual desk for class VI to VIII ; TYPE – III (A) (Color Blue of Greenlam or Equivalent or any other colour/s decided by the Govt.) The overall dimensions of desk will be W 1066mm x D 930mm x H 760 (for table top). The seating bench height shall be 452 mm. The desk shall be manufactured as per the specifications mentioned below: - (1) Table top shall be made up of 18.0 mm thick

## మన బడి నాడు-నేడు

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 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 150mm. (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. (12) The MIG / Spot welding shall be done as per technical requirement. (13) 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. (14) Adhesion test: EN ISO 2409 (2 mm).The item shall carry a warranty period of 5 (Five) years from the date of supply (Including GST)

Dual Desks Type 3	4	0	0	0	4	0		0
Total					4	8919.18	Nos	35,677



## మన బడి నాడు-నేడు

(V3 Enterprises Pvt Ltd) Dual Desk Type-IV (Class VIII, IX & X) Supply & Placing Dual desk for class IX to X ; TYPE – IV (Color Blue of Greenlam or Equivalent or any other colour/s decided by the Govt.) The overall dimensions of desk will be W 1066mm x D 930mm x H 780mm (for table top). The seating bench height shall be 452 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 (projectingtowards the seating bench) shall be rounded through corner-formingtechnology (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. (8) Technical details of seat and back rest are mentioned below: (9) 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. (10) 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. (11) Leg space between top and seat shall be 150mm. (12) 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. (13) The MIG / Spot welding shall be done as per technical requirement. (14) 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. (15) Adhesion test: EN ISO 2409 (2 mm). The item shall carry a warranty period of 5

# మన బడి నాడు-నేడు

	<b>(Five) years from the date of supply (Including GST)</b>								
	Dual Desks Type 4	12	0	0	0	12	0		0
	Total					12	8828.84	Nos	1,05,946
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	34591.88	PERCENT AGE	34,592

<b>Work Code</b>	: 201920032472	<b>Name of the Work</b>	: Providing Electrification with Fans and Tube Lights
<b>Administrative Sanction No</b>	: Proc.No: 2823020100 / MBNN / 2020-2021	<b>Technical Sanctioned</b>	: /21-22 No
<b>Estimate Amount (in Rs.)</b>	: 3,67,307/-	<b>Work MBook Amount</b>	: 2,10,811/- (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 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)								
	In Roof Slab	1	286.31	0	0	286.31	0		0
	Total					286.31	58.38	mtr	16,715
	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 SB	1	620	0	0	620	0		0
	Total					620	32.52	rmt	20,162
	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)								
	1.5 Sq mm copper cable	66	0	0	0	66	0		0

## మన బడి నాడు-నేడు

	Total					66	611.17	Nos	40,337
	<b>Supply and fixing of 6A/10A modular 3 pin socket with 6A modular switch with 3 moular metal box with cover frame on a common board with earth continuity including wire leads, earth connections along with all labour charges etc., complete.switches (Excluding GST)</b>								
	6A 3 pin Sockets	0	0	0	0	0	0		0
	Total					0	284.35	Nos	0
	<b>Supply and fixing of 6A 3 pin wall plug socket with a 6A switch control on a common switch board with earth continuity including wire leads, earth connections along with all labour charges etc., complete. (Excluding GST)</b>								
	6A 3 pin Sockets	20	0	0	0	20	0		0
	Total					20	108.34	Nos	2,167
	<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>								
	20A 3 Pin Socket	0	0	0	0	0	0		0
	Total					0	439.35	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	33	0	0	0	33	0		0
	Total					33	135.32	Nos	4,466
	<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	1	0	0	0	1	0		0
	Total					1	209.75	Nos	210
	<b>Supply and transportation of 60 W LED Street light Luminaire made of pressure diecast alluminium body with powder coated, having protective toughned glass (Excluding GST)</b>								
	LED Street light Luminaire	2	0	0	0	2	0		0
	Total					2	5900	Nos	11,800
	<b>Supply and fixing of1 Module Modular type Electronic step type Fan Regulator. in the existing switch board. (Excluding GST)</b>								
	Fan Regulators	30	0	0	0	30	0		0
	Total					30	365	Nos	10,950
	<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	30	0	0	0	30	0		0
	Total					30	138.88	Nos	4,166

## మన బడి నాడు-నేడు

	<b>Supply and fixing SPN Distribution board with IP-42 protection (Metal Door) suitable for single phase ELCB / RCCB / DP Isolator as incomer and 10kA SP MCBs as outing going including internal connection and labour charges for surface/ flush mounting etc., complete. (Excluding GST)</b>							
	Distribution Board	6	0	0	0	6	0	0
	Total					6	4107.07	Nos 24,642
	<b>Providing independent earthling by excavating a trench to a depth of 2.5 M in all soils, as per size specified in the Data, using 40mm GI B Class Pipe of 2.5 Mtrs length with necessary accessories duly providing staggered holes including filling with equal proportion of Salt and Charcoal in layers and all labour charges etc., complete. (Excluding GST)</b>							
	Earthnening	1	0	0	0	1	0	0
	Total					1	4437.16	Nos 4,437
	<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>							
	Hp Single phase mono block	1	0	0	0	1	0	0
	Total					1	9600	Nos 9,600
	<b>(Crompton greaves) Ceiling Fans- Supply &amp; Fixing of 1200mm (48) sweep, 380 RPM at 230V with high speed, ceiling fan with air delivery of 210 (CMM) and wattage of 50 to 75W having 3 blades and double ball bearing with all standard accessories like 100% copper winding, down rod 300mm length and 19.20mm dia meter, anti-corrosion aluminium body and blades having thickness of 1.08mm with glassy powder coated paint finish ( Ivory colour ) etc., including cost and conveyance of all materials to site (of school) including loading and un-loading and fixing etc., complete for finished item of work. (Crompton / Usha / Bajaj / Havells / Orient / Khaitan / Polar / GEC / Almonard) including GST and all taxes etc., as applicable from time to time. The item shall carry a warranty period of 3 (three) years from the date of supply (Including GST)</b>							
	ceiling Fans fixing	30	0	0	0	30	0	0
	Total					30	1440	Nos 43,200
	<b>Provision for GST @ 12.00%</b>							
	Provision for GST	1	0	0	0	1	0	0
	Total					1	17958.3	PERCENT AGE 17,958

Work Code : 201920036436

Name of the Work : Major and Minor Repairs

Administrative Sanction No : Proc.No: 2823020100 / MBNN / 2020-2021

Technical Sanctioned : /21-22  
No

# మన బడి నాడు-నేడు

Estimate Amount (in Rs.)

: 10,53,761/-

Work MBook Amount : 9,78,823/-

(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 [Unreinforced cement concrete up to 15cm thickness] (Excluding GST)								
	Kitchen room	1	3.38	3.32	0.1	1.12	0		0
	Room 1 Varandah	1	6.17	2.81	0.1	1.73	0		0
	Room 11	1	6	4.78	0.1	2.87	0		0
	Room 2	1	6	4.9	0.1	2.94	0		0
	Room 2 Varandah	1	6.2	3.15	0.1	1.95	0		0
	Total					10.61	1024.8	cum	10,873
	Dismantling, clearing away and carefully stacking useful materials for re-use and disposal of unserviceable materials with 100m lead as directed by Executive Engineer duly taking actual premeasurements before dismantling including all labour charges , overheads & contractor profit etc., complete [Old cement mortar plaster] (Excluding GST)								
	Board 1	2	2.55	1.5	0	7.65	0		0
	Board 10	1	2.6	1.3	0	3.38	0		0
	Board 11	1	3.4	1.35	0	4.59	0		0
	Board 12	1	1.15	1.7	0	1.95	0		0
	Board 13	2	2.65	1.5	0	7.95	0		0
	Board 2	1	2	1.4	0	2.8	0		0
	Board 3	1	2.6	1.35	0	3.51	0		0
	Board 4	1	1.85	1.25	0	2.31	0		0
	Board 5	1	1	0.9	0	0.9	0		0
	Board 6	1	1	0.77	0	0.77	0		0
	Board 7	1	2.6	1.5	0	3.9	0		0
	Board 8	2	4.35	1.37	0	11.92	0		0
	Board9	1	1.55	1.3	0	2.02	0		0
	Total					53.65	5.5	Sqm	295

## మన బడి నాడు-నేడు

	<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>								
	Class Room-Doors	2	0	0	0	2	0		0
	Class Room-Windows	1	0	0	0	1	0		0
	Total					3	154.75	Nos	464
	<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>								
	Earth work for stage	1	4.8	4	0.13	2.4	0		0
	Total					2.4	152.88	cum	367
	<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>								
	Pcc For parapet wall	1	45.5	0.2	0.07	0.64	0		0
	Pcc For Staff room	1	5.45	3	0.1	1.64	0		0
	Total					2.28	3116.88	cum	7,106
	<b>Plain Cement Concrete corresponding to M15 grade as per IS 456 equivalent to (1:2:4) proportion nominal mix (cement: fine aggregate: Coarse aggregate) using 20mm size Hard Blasted Granite (IS383, 1970) Machine Crushed graded metal from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including seignorage charges, sales &amp; other taxes on all materials, all operational, incidental and labour charges such as mixing, laying, curing concrete, etc., complete for finished item of work (Excluding GST)</b>								
	<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 seignorage 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>								
	Board1	2	2.5	1.5	0	7.5	0		0
	Board10	1	0.9	0.77	0	0.69	0		0
	Board11	1	2.5	1.4	0	3.5	0		0
	Board12	2	2.5	0	0	0	0		0
	Board13	2	2.15	1.37	0	0	0		0
	Board2	1	2.2	1.3	0	2.86	0		0

## మన బడి నాడు-నేడు

	Board3	1	3	1.35	0	4.05	0		0
	Board4	1	1.1	1.7	0	1.87	0		0
	Board5	2	2.6	1.4	0	7.28	0		0
	Board6	1	2	1.3	0	2.6	0		0
	Board7	1	2.5	1.3	0	3.25	0		0
	Board8	1	1.8	1.2	0	2.16	0		0
	Board9	1	0.9	0.9	0	0.81	0		0
	Floor Plastering at staff room	1	5.48	3	0	16.44	0		0
	Plastering for parapet wall	1	44.46	0	0.4	17.78	0		0
	Total					70.79	233.65	sqm	16,540
	<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>								
	Board	2	2.15	1.35	0	5.8	0		0
	Board1	1	1.55	1.29	0	2	0		0
	On top of kichen long wall	1	3.8	0.69	0	2.62	0		0
	On top of kitchen short walls	2	3.6	0.53	0	3.82	0		0
	Stage plastering	2	4.75	0	0.55	5.23	0		0
	Stage platering	2	3.85	0	0	4.26	0		0
	Stage top	1	4.9	3.87	0	18.96	0		0
	Steps beside staff room	1	1.24	0.38	0	0.47	0		0
	Steps beside Staff room	1	1.24	0.45	0	0.56	0		0
	Steps beside staff room	1	1.24	0.47	0	0.58	0		0
	Total					44.3	314.56	sqm	13,935
	<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>								

## మన బడి నాడు-నేడు

	Room 1	1	8.6	6.8	0	58.48	0		0
	room 2	1	9.2	7.8	0	71.76	0		0
	Total					130.24	1559.45	sqm	2,03,103
	<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>								
	total grill work	1700	0	0	0	1700	0		0
	Total					1700	70.08	Kgs	1,19,136
	<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>								
	For Class 1 and 5	2	1.05	0	1.9	3.99	0		0
	Total					3.99	3030	sqm	12,090
	<b>Providing skirting to internal walls to 15 cm height/ risers of steps with vitrified tiles length equal to flooring stones set over base coat of CM (1:5) 12 mm thick with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointed with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc., complete for finished item of work. (Excluding GST)</b>								
	Skirting at akitchen	1	0	1	0	0	0		0
	SKirting at room 1	1	0	1	0	0	0		0
	SKirting at room 1 varandah	1	0	1	0	0	0		0
	Skirting at room 2	1	0	1	0	0	0		0
	Skirting at room 2 varandah	1	0	1	0	0	0		0
	Total					0	757.27	sqm	0
	<b>Flooring with high polished granite 16 to 18 mm thick slabs other than black set over base coat of cement mortar (1:8), 20 mm thick over CC bed already laid or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3.kgs per sqm &amp; jointed neatly with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like cement, sand water and tilesetc., complete, including seigniorage charges, labour charges for dressing of tilesetc., complete for finished item of work, but excluding the cost of conveyance of all materials (Excluding GST)</b>								
	At door portion	1	0.95	0.4	0	0.38	0		0
	at gate	1	0.85	0.2	0	0.17	0		0
	Deduction	1	0.9	0	1	-0.9	0		0
	Deduction	1	0.65	0	1	-0.65	0		0
	Deduction	1	1.72	0	1	-1.72	0		0



## మన బడి నాడు-నేడు

	Deduction	1	0.6	0	1	-0.6	0		0
	Deduction	1	1.9	0	1	-1.9	0		0
	In Kltchen	1	3.38	3.32	0	11.22	0		0
	In Room 1	1	5.95	4.88	0	29.04	0		0
	In Room 1 Varandah	1	6.15	3.14	0	19.31	0		0
	In Room 2	1	6	4.79	0	28.74	0		0
	In Room 2 Varandah	1	6.17	2.75	0	16.97	0		0
	Total					100.06	1998.52	sqm	1,99,972
	<b>Proviging plinth protection with a bed of 100mm thick PCC (1:5:10) using 40mm size HBG metal and on top of PCC, 20 mm thick granolithic concrete flooring with CC (1:1:2) prop; machine crushed metal of size 6mm to 12 mm laid monolithically already laid in alternate panels and finishing the top surface to required smoothness and slopes inculing grooves, thread lining as cost and coveyance of all materials to site including seignorage charges, sales &amp; other taxes and all materials and operatinal &amp; incidental and labour charges like mixing of cement concrete, laying ,curing lift charges etc., complete including of CC bedfor finished item of work (Excluding GST)</b>								
	At room2	1	3.6	4.7	0	16.92	0		0
	Back side of staff room	1	3.6	2.6	0	9.36	0		0
	Beside Class4	1	4.3	3.2	0	13.76	0		0
	Beside kitchen	1	11.3	1.1	0	12.43	0		0
	Beside kitchen	1	1.1	1.35	0	1.49	0		0
	Beside New toiets	1	3	0.88	0	2.64	0		0
	Beside Staff room	1	11	1	0	11	0		0
	Beside staff room	1	9.35	1.67	0	15.61	0		0
	Deduction in front of kitchen	1	0.75	0.75	0	-0.56	0		0
	Deduction infront of New toilets	1	0.5	1.07	0	-0.54	0		0
	Deduction of step	1	1.05	0.8	0	-0.84	0		0
	Deduction of step infront of class2	1	1	1.24	0	-1.24	0		0
	Deduction of tree pond infront of office room	1	0.8	0.8	0	-0.64	0		0
	Deduction of Tree ponds	1	0.4	0.4	0	-0.16	0		0
	Deduction on beside kitchen	1	0.52	0.5	0	-0.26	0		0
	Deuction of tree ponds	1	0.55	0.55	0	-0.3	0		0

## మన బడి నాడు-నేడు

first PCC in compound wall inside	1	8.2	10.6	0	86.92	0		0
First pcc infront of gate	1	2.2	1.4	0	3.08	0		0
Infront of class room 5	1	3.6	4.7	0	16.92	0		0
infront of Class1	1	2.6	3.3	0	8.58	0		0
Infront of kitchen	1	8.9	3.2	0	28.48	0		0
Infront of new toilets	1	6.4	2.15	0	13.76	0		0
infront of office room	1	5.8	1.6	0	9.28	0		0
Infront of office room and class 3	1	5.6	1.95	0	10.92	0		0
Infront of staff room	1	3.6	2.27	0	8.17	0		0
Infront of toilet part2	1	4.2	3.3	0	13.86	0		0
Left side of office room	1	1.65	1.5	0	2.47	0		0
PCC beside stage	1	2.7	2.8	0	7.56	0		0
Step Deduction	1	1.3	0.65	0	-0.85	0		0
Washroom front side	1	2.6	1.45	0	3.77	0		0
Total					291.59	567.09	sqm	1,65,358
<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>								
Deduction	1	1.07	0.55	0	-0.59	0		0
deduction of pillars	2	0.3	0.23	0	-0.14	0		0
deduction of step	1	1	0.61	0	-0.61	0		0
Parking tiles	1	6.22	1.95	0	12.13	0		0
Parking tiles	1	0.75	0.85	0	0.64	0		0
Parking tiles	1	1.9	1.8	0	3.42	0		0
Parking tiles	1	3.45	1.35	0	4.66	0		0
Parking tiles	1	6.1	1.2	0	7.32	0		0
Parking tiles	1	6.2	2	0	12.4	0		0
Parking tiles	1	5.1	1.75	0	8.92	0		0
Parking tiles	1	3.55	3.9	0	13.84	0		0

## మన బడి నాడు-నేడు

	Total					61.99	775.18	sqm	48,053
	<b>Supply &amp; fixing pre-painted galvalium trepezoidal profile roofing sheets with 0.47mm thickness,coating Alu-zinc coating AZ 150 GSM. Tensile strength : 550 MPA,paint coating : Regular modified polyster painting. Thickness (top) 18-20 microns,(bottom) 5-7microns including C/C of all materials like sheets, J bolts, bitumen washers etc. with or without ridge with sales &amp; all other taxes &amp; all labour charges etc. complete for fixing sheets in position. (Excluding GST)</b>								
	Infront of class room	1	7.2	4.9	0	35.28	0		0
	inFront of kitchen	1	4.1	3.64	0	14.92	0		0
	Total					50.2	466.91	sqm	23,439
	<b>Supply and Fixing MS Purlins 50mm dia including Labour Charges for fixing complete including cost and conveyance of all materials to site, sales and other taxes, all labour charges etc., complete for finished item of work (Excluding GST)</b>								
	purlins	5	7	0	0	35	0		0
	purlins	3	4.7	0	0	14.1	0		0
	purlins	3	2.52	0	0	7.56	0		0
	purlins	2	3.4	0	0	6.8	0		0
	purlins	3	3.9	0	0	11.7	0		0
	purlins	1	2.2	0	0	2.2	0		0
	purlins	1	0.45	0	0	0.45	0		0
	Total					77.81	428.4	rmt	33,334
	<b>Brick Masonry in superstructure with CM (1:6) prop: using Fly ASH Bricks of size 290x100x140mm with compressive of 50 Kgs / Sqcm from approved source including cost and conveyance of all materials like cement, sand, fly ash bricks, water etc., to site, including seigniorage charges, sales &amp; other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete for finished item of work. for basement (APSS No. 501 &amp; 504). (Excluding GST)</b>								
	Deduction	1	0.9	0.14	0.4	-0.05	0		0
	Deduction 2	1	0.26	0.14	0.4	-0.01	0		0
	Flag post	1	0.49	0.97	0.1	0.05	0		0
	papapet wall	1	5.92	0.14	0.37	0.31	0		0
	Parapet wall	1	21.1	0.14	0.45	1.33	0		0
	Parapet wall	1	14.8	0.14	0.45	0.93	0		0
	Parapet wall	0	0	0	0	0	0		0
	Parapet wall	0	0	0	0	0	0		0
	Parapet wall	0	0	0	0	0	0		0
	Parapet wall	0	0	0	0	0	0		0

## మన బడి నాడు-నేడు

	Parapet wall beside staff room	1	2.64	0.1	0.58	0.15	0		0
	Pipehole infront of kitchen	1	1.5	0.1	0.23	0.03	0		0
	Short parapet wall infront of kitchen	1	4	0.19	0.1	0.08	0		0
	Stage Long walls	2	2.2	0.14	0.45	0.28	0		0
	Stage short walls	1	2.4	0.14	0.45	0.15	0		0
	Stage steps	3	1.04	0.22	0.14	0.1	0		0
	Stage steps	3	1.03	0.17	0.14	0.07	0		0
	Step beside Staff room	1	1.24	0.26	0.12	0.04	0		0
	Step beside staff room 3	1	1.24	0.32	0.15	0.06	0		0
	Step beside staff room2	1	1.24	0.32	0.13	0.05	0		0
	Tap potion infront of kitchen	1	0.5	0.4	0.1	0.02	0		0
	Top of the kitchen	1	3.8	0.23	0.23	0.2	0		0
	Top of the kitchen	2	3.6	0.23	0.2	0.33	0		0
	top portion of sump	1	2.5	0.1	0.13	0.03	0		0
	Treepond infront of staffroom	1	5.15	0.11	0.1	0.06	0		0
	Total					4.21	4722.93	Cum	19,884
	<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	104873.85	PERCENT AGE	1,04,874

**Work Code : 201920036814**

**Administrative Sanction No : Proc.No: 2823020100 / MBNN / 2020-2021**

**Estimate Amount (in Rs.) : 2,43,240/-**

**Name of the Work : Drinking Water Supply**

**Technical Sanctioned : /21-22 No**

**Work MBook Amount : 2,35,164/- (in Rs.)**

## మన బడి నాడు-నేడు

Date of Measurement	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	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)								
	Earth work for sump	1	4.2	1.6	2	13.44	0		0
	Total					13.44	267.54	cum	3,596
	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)								
	10 mm For OHSR	60.17	0	0	0	60.17	0		0
	10 mm For Sump	49	0	0	0	49	0		0
	12 mm For OHSR	138.08	0	0	0	138.08	0		0
	8 mm For OHSR	11.6	0	0	0	11.6	0		0
	Total					258.85	48.41	Kgs	12,531
	Supplying & fixing Ashirvad/Astral flow guard for equivalent CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary excavation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls & floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work[28.60 mm dia CPVC SDR 13.50]. (Excluding GST)								
	28.60 mm pipe	1	121	0	0	121	0		0
	Total					121	123	rmt	14,883
	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[41.30 mm dia CPVC SDR 13.50]. (Excluding GST)								
	41.30 mm pipe	1	30	0	0	30	0		0
	Total					30	266	rmt	7,980
	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)								

## మన బడి నాడు-నేడు

	Deduction	2	0.12	0	0.16	-0.04	0		0
	Hand washing Tiles	1	7.7	0	0.78	6.01	0		0
	hand washing tiles	1	6.43	0	0.89	5.72	0		0
	Total					11.69	560.12	sqm	6,548
	<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, plugsm 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>								
	At Hand wash and toilets	1	12	0	0	12	0		0
	Total					12	262	rmt	3,144
	<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>Supplying and fixing PPR Ball valve as per ISI Class - I , Indian make heavy type including cost and conveyance of all materials , labour charges etc. complete for finished item of work[40 mm PPR Ball valve] (Excluding GST)</b>								
	Gate valves	3	0	0	0	3	0		0
	Total					3	445	Nos	1,335
	<b>Supplying and fixing PPR Ball valve as per ISI Class - I , Indian make heavy type including cost and conveyance of all materials , labour charges etc. complete for finished item of work[50 mm PPR Ball valve] (Excluding GST)</b>								
	Gate Valves	0	0	0	0	0	0		0
	Total					0	519	Nos	0
	<b>Plain Cement Concrete (1:5:10) M5 grade using 40mm nominal size SS5 hard broken granite metal including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete for finished item of work (Excluding GST)</b>								
	PCC For Sump	1	4	1.55	0.15	0.93	0		0
	Total					0.93	3116.88	cum	2,899
	<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

	Bed Concrete	1	3.9	1.46	0.15	0.85	0		0
	Deduction	1	0.6	0.6	0.13	-0.04	0		0
	OHSR bottom Slab	1	2.52	2.52	0.13	0.79	0		0
	OHSR PLinth beam	2	2.23	0.23	0.23	0.24	0		0
	OHSR PLinth Beam	2	1.75	0.23	0.23	0.19	0		0
	OHSR top Slab	1	2.23	2.21	0.13	0.62	0		0
	Sump Slab	1	3.8	1.43	0.1	0.54	0		0
	Total					3.19	7529.16	cum	24,018
	<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>								
	OHSR pillars	4	0.95	0	0.5	1.9	0		0
	OHSR side walls	4	2.43	0	1.58	15.36	0		0
	Total					17.26	219.04	sqm	3,781

## మన బడి నాడు-నేడు

<b>Drinking water system for schools having source water TDS below 400 ppm : Type- I: Supplying and fixing of Drinking water system with the set Design, Drawing and Specifications, Cost includes loading, Transportation, supply, unloading charges etc., Erection, Commissioning, Testing including TDS range of the Purified water at the school premises, and all incidental charges, including GST etc., all other taxes and charges for complete finished item of work, with a warranty period of 05 (five) years and further extendable AMC for a period of 05(five) years on mutually agreed terms and conditions. Tank overall dimensions : 643.8mmx529.4mmx 1612.2mm (including top cover and leg). Raw water tank (40 liters capacity) : Outer size : 226.4 mm x 477.4 mm x 421.2mm. Pure water tank (60 liters capacity): Outer size : 338.4 mmx 477.4 mm x 421.2mm mm. Tank Frame : The overall Tank frame shall be made with stainless steel tube of size 25 mm x 25 mm x 1.6 mm thickness with all verticals and horizontals and also stiffeners at bottom of raw water tank &amp; pure water tank including bottom supporting sheet of 3 mm thick. Openable Top cover of 01mm thickness with strong hinge :Top dimension size of tank SS 304 grade (643.8 mm x 529.4mmx37mm). Sink: 4 Nos. of heavy-duty taps connected to stainless steel flexible pipes from pure water tank to foot pedestal and foot pedestal to taps. Taps shall be fixed at height of 380mm from bottom sink. Water Treatment unit with UV System (with all necessary connections) : UV system with 100 LPH (Make: ALFA / Sukruth / Nexus); Dual Media Filter; (Mud) Micron filter-01. (Make: MMP / Pratham Ionflow/Global absorbent); DC Pump - 12 - 24W; booster pump 0.5 hp; Socket - 01 No; Battery-12V-7ah [one(01)- in number with all CHARGEABLE ACEESSORIES; optimum rating. One TDS meter. The entire tank should be covered with stainless steel sheet of 1.0 mm thick of 304 grade, all-round 03 sides of tank unit including off-sets etc., and the Back door shall be made up of 1.20mm thick SS 304 grade complete with stiffeners of 12mm x 12mm x 1.5mm thickness. Top and Back panel shall be openable with locking system. 4 Nos. of 150mm height legs should be provided. Pedal push heavy duty taps shall be provided; All the pipes used are SS 304 Except the Drain pipe from dispenser , which can be UPVC of 40mm dia. (Excluding GST)</b>									
Drinking water purifier	1	0	0	0	1	0			0
Total					1	65373	Nos		65,373
<b>Brick masonry in CM (1:8) with bricks of traditional size 23 x 11 x 7 cm 2nd class including cost and conveyance of all materials and all labour charges etc., complete for finished item of work for Superstructure. (Excluding GST)</b>									
Hand wash unit side walls	2	0.32	0.12	0.62	0.05	0			0
Hand wash unit Walls	1	6.75	0.12	0.62	0.5	0			0
OHSR long walls	2	2.23	0.23	1.57	1.61	0			0
OHSR Pillars	4	0.45	0.45	0.5	0.41	0			0
OHSR short walls	2	1.75	0.23	1.57	1.26	0			0
OHSR Walls	0	0	0	0	0	0			0
Sump Long walls	2	3.8	0.23	1.55	2.71	0			0
Sump Short walls	2	1.43	0.23	1.55	1.02	0			0
Total					7.56	5185.61	cum		39,203
<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>									



## మన బడి నాడు-నేడు

	Sand Filling Around Hand washing	1	6.78	0.3	0.62	1.26	0		0
	Sand filling Around sump	1	4.5	2	1	9	0		0
	Total					10.26	480.2	cum	4,927
	<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>								
	Pastering OHSR short walls	2	1.75	0	1.8	6.3	0		0
	Plastering around OHSR	2	2.23	0	1.8	8.03	0		0
	Plastering For OHSR pillars	4	1.8	0	0.5	3.6	0		0
	Total					17.93	314.56	sqm	5,640
	<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>								
	Hand washing Unit long wall	1	7.77	0.78	0	6.06	0		0
	Hand washing unit short wall	2	0.5	0.65	0	0.65	0		0
	OHSR Floor	1	2.52	2.52	0	6.35	0		0
	OHSR Inside walls	2	1.98	1.54	0	6.1	0		0
	OHSR Long walls inside	2	2.21	1.54	0	6.81	0		0
	Sump Floor Plastering	1	3.85	1.45	0	5.58	0		0
	Sump Plastering Long walls	2	3.8	0	1.55	11.78	0		0
	Sump Plastering Short walls	2	1.43	0	1.55	4.43	0		0
	Total					47.76	109.76	sqm	5,242
	<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>								
	OHSR bottom	1	2.52	2.52	0	6.35	0		0
	OHSR Long walls	2	2.21	1.54	0	6.81	0		0
	OHSR Short walls	2	1.98	1.54	0	6.1	0		0

## మన బడి నాడు-నేడు

	Sump Bottom	1	3.85	1.45	0	5.58	0		0
	Sump long walls	2	3.8	1.55	0	11.78	0		0
	Sump short walls	2	1.43	1.55	0	4.43	0		0
	Total					41.05	121.78	sqm	4,999
	<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	25196.1	PERCENT AGE	25,196

**Work Code : 201920040436**

**Name of the Work : Paintings to School**

**Administrative Sanction No : Proc.No: 2823020100 / MBNN / 2020-2021**

**Technical Sanctioned : /21-22 No**

**Estimate Amount (in Rs.) : 1,58,061/-**

**Work MBook Amount : 2,06,366/- (in Rs.)**

Date of Measure ment	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	B	D				
	Removing White wash or Colour wash by steel wire brushing and/or scraping; sand papering and preparing the wall surface smooth including necessary repairs to scratches complete. (Excluding GST)								
	Inside toilet	1	0	0	0	0	0		0
	Kitchen External	0	0	0	0	0	0		0
	kitchen internal	1	0	0	0	0	0		0
	Room 1 External	0	0	0	0	0	0		0
	Room 1 Internal	0	0	0	0	0	0		0
	Room 1 varandah internal	0	0	0	0	0	0		0
	Room 2 and 3 External	1	0	0	0	0	0		0
	Room 5 External	0	0	0	0	0	0		0
	Room 5 Internal	1	0	0	0	0	0		0
	Room 5 Varandah	1	0	0	0	0	0		0

## మన బడి నాడు-నేడు

	Staff room External	0	0	0	0	0	0		0
	Total					0	8.78	sqm	0
	<b>Removing White wash or Colour wash by steel wire brushing and/or scraping; sand papering and preparing the ceiling and/or sloping roofs surface smooth including necessary repairs to scratches complete. (Excluding GST)</b>								
	1st Floor room ceiling	0	0	0	0	0	0		0
	Room 1 Ceiling	0	0	0	0	0	0		0
	Room 2 Ceiling	0	0	0	0	0	0		0
	Room 3 Ceiling	1	0	0	0	0	0		0
	Room 4 Ceiling	0	0	0	0	0	0		0
	Room 5 Ceiling	0	0	0	0	0	0		0
	Staff Room	0	0	0	0	0	0		0
	Total					0	10.21	sqm	0
	<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>								
	Internal Paintings	1	809.98	0	809.98	0	0		0
	Total					0	87.03	sqm	0
	<b>Painting to New walls with two coats of acrylic emulsion paint weather proof waterbased, modified acrylic with silicon additives exterior grade having VOC (Volatile Organic Compound ) content less than 50 grams/ liter of superior quality of approved brand and shade over base coat of cement primer grade -I making three coats in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, including cost and conveyance of all materials, cost of brushes, water to site, etc., sales &amp; other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work in all floors for Walls.(APSS No. 911) in Ground Floor EXTERNAL (Excluding GST)</b>								
	External walls	0	0	0	0	865.76	0		0
	Total					865.76	85.02	sqm	73,607
	<b>Painting to walls with Two coats of acrylic emulsion paint with silicon additives having VOC less than 50 grams/ liter of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., complete for finished item of work as per SS911 for internal walls in Ground Floor. (Excluding GST)</b>								
	Internal wall paintings	0	0	0	0	809.98	0		0

## మన బడి నాడు-నేడు

Total					809.98	87.03	sqm	70,493
<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>								
Doors and windows Grills	0	0	0	0	128.64	0		0
Total					128.64	90.01	Sqm	11,579
<b>(Berger Paints India) Doors &amp; Windows with wood primer, enamel (in case of Wooden Doors) : -Specification:- Painting to wood work with two coats of ready mixed Synthetic Enamel paints in all shades Grade - I Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools/equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and excluding taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company with a warranty period of 7 Years for entire painting &amp; Paint Coloring Total 3 (three) coats:1. Primary Coat 2. Ready mixed Synthetic Enamel paint 2(two coats) Interior / Exterior Requirements for Enamel, Synthetic, Exterior (a) under coating (b) Finishing (Including GST)</b>								
Wooden windows	1	32.91	1	0	32.9	0		0
Total					32.9	96.02	Sqm	3,159
<b>(Berger Paints India) Grills and Gates (iron Doors, Windows, Gates, Grills etc.) with primary coat of Red oxide : - Specification :- Painting to Iron work with two coats of ready mixed Synthetic Enamel paints in all shades Grade – I Rates quoted inclusive of all the materials such as paints, paint applying machinery or tools/equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and excluding taxes and all or every other requirement in completion of the work shall be met by the SELECTED contract company Total 3 (three) coats:1. Primary Coat of Red oxide 2. Ready mixed Synthetic Enamel paint 2(two coats) Interior / Exterior Requirements for Enamel, Synthetic, Exterior (a) under coating (b) Finishing with a warranty period of 7 Years for entire painting &amp; paint Coloring (Including GST)</b>								
Iron Doors	0	0	0	0	0	0		0
Iron Grills	0	0	0	0	0	0		0
Iron windows	0	0	0	0	0	0		0
Total					0	90.01	Sqm	0

## మన బడి నాడు-నేడు

	<b>(Berger Paints India) Wall art coloring to exterior and interior walls to make the school environment favourable to children with arts like animals, birds, trees etc and with themes like environment/science/space etc using Acrylic Emulsion Colours of highest grade using standardised stencils (the art work / designs will be furnished by the authority / department). The surface area of work done will be taken as 40 % of the external wall treated and 50 % for internal walls ( considering 60 % voids for external walls and 50 % voids for internal walls ) Include colours, applying machinery or tools / equipment, Man power and all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for Walls in all Floors, man power, supervision and all other allied charges and including all taxes and all or every other requirement in completion of the work shall be met by the SELECTED contractor with a warranty period of 7 Years for entire painting &amp; Paint Coloring (Including GST)</b>								
	Exterior	1	0	0	0	0	0		0
	Interior	1	0	0	0	0	0		0
	Total					0	85	Sqm	0
	<b>(Berger Paints India) Painting to Old walls with Single coat of acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/liter of superior quality of approved brand and shade making single coat in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, , cost of brushes, water to site, etc., sales &amp; other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for INTERNAL WALLS. (make: Berger /Asian) Colour code: Sugericing (NN Crem) -3P0237 Ceiling: white (Including GST)</b>								
	Internal Paints	1	0	0	0	0	0		0
	Total					0	38.63	Sqm	0
	<b>(Berger Paints India) Painting to Old walls with Single coat of acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/liter of superior quality of approved brand and shade making single coat in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, , cost of brushes, water to site, etc., sales &amp; other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for EXTERNAL WALLS. (make: Berger /Asian) Colour code :1. Sand Dollar Beige (Ivory) NN Beige -7P1586 2.Red wood Valley (NN Brown)-ID0543 (Including GST)</b>								
	External paints	1	0	0	0	0	0		0
	Total					0	39.8	Sqm	0
	<b>(Asian Paints Ltd) Painting to Old walls with Single coat of acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/liter of superior quality of approved brand and shade making single coat in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, , cost of brushes, water to site, etc., sales &amp; other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for INTERNAL WALLS. (make: Berger /Asian) Colour code: Sugericing (NN Crem) -3P0237 Ceiling: white (Including GST)</b>								
	Internal Ceiling	1	313.36	1	0	331.46	0		0

# మన బడి నాడు-నేడు

	Total					331.46	87.03	Sqm	28,847
	<b>Provision for GST @ 12.00%</b>								
	Provision for GST	1	0	0	0	1	0		0
	Total					1	18681.4	PERCENT AGE	18,681

<b>Work Code</b>	: 201920040766	<b>Name of the Work</b>	: Construction of Toilet with Running Water
<b>Administrative Sanction No</b>	: Proc.No: 2823020100 / MBNN / 2020-2021	<b>Technical Sanctioned</b>	: /21-22 No
<b>Estimate Amount (in Rs.)</b>	: 2,81,665/-	<b>Work MBook Amount</b>	: 2,69,862/- (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)								
	Earth work for short walls	3	3.1	0.6	0.55	3.07	0		0
	Earth work For toilets	2	5.05	0.6	0.55	3.33	0		0
	Total					6.4	152.88	cum	978
	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)								
	PCC for short walls	3	3	0.6	0.15	0.81	0		0
	PCC for toilets	2	5	0.6	0.15	0.9	0		0
	Total					1.71	3116.88	cum	5,330
	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)								

## మన బడి నాడు-నేడు

	RR masonry for Long walls	2	4.92	0.6	0.58	3.42	0		0
	RR masonry for short walls	3	3.15	0.6	0.58	3.29	0		0
	Total					6.71	3423.08	cum	22,969
	<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>								
	Sand filling	1	5	3	1.1	16.5	0		0
	Total					16.5	480.2	cum	7,923
	<b>VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[PLINTH BEAMS] (Excluding GST)</b>								
	Plinth Beam For Long wall	2	4.51	0.23	0.23	0.48	0		0
	Plinth Beam for Short walls	3	3.04	0.23	0.23	0.48	0		0
	Total					0.96	8544.25	cum	8,202
	<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>								
	Brick masonry for long walls	2	4.51	0.23	2.38	4.94	0		0
	Brick masonry for partician wall	1	1.32	0.1	1.75	0.23	0		0
	Brick masonry For short walls	3	3.04	0.23	2.38	4.99	0		0
	Total					10.16	5185.61	cum	52,686
	<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>								
	Door Deductions	2	0.75	0	1.77	-2.66	0		0
	Door Deductions	0	0	0	1.8	0	0		0
	Plastering for long walls	2	4.92	0	2.48	24.4	0		0

## మన బడి నాడు-నేడు

	Plastering for Short walls	2	3.05	0	2.48	15.13	0		0
	Ventilators Deductions	2	2	0	0.3	-1.2	0		0
	Ventilators Deductions	0	0	0	0.45	0	0		0
	Total					35.67	314.56	sqm	11,220
	<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>								
	Deduction of doors	2	0.75	0	1.77	-2.66	0		0
	Door Deductions	0	0	0	0.3	0	0		0
	Door Deductions	4	0.73	0	1.74	-5.08	0		0
	Plastering For Long Walls Inside	4	4.28	0	2.36	40.4	0		0
	Plastering For Partician wall inside	4	1.17	0	2.36	11.04	0		0
	Plastering For Short walls Inside	9	1.04	0	2.36	22.09	0		0
	Ventilators Deduction	0	0	0	0	0	0		0
	Ventilators DEductions	2	2	0	0.3	-1.2	0		0
	Total					64.59	109.76	sqm	7,089
	<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>								
	Floor tiles	2	2	1.16	0	4.64	0		0
	Floor tiles	2	0.75	0.15	0	0.22	0		0
	Floor tiles	2	0.92	1.02	0	1.88	0		0
	Floor tiles	2	0.35	0.77	0	0.54	0		0
	Floor tiles	2	1.03	0.97	0	2	0		0
	Floor tiles	2	0.28	0.75	0	0.42	0		0
	Total					9.7	717.49	sqm	6,960



## 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>									
Dadoing to walls in toilets	2	11.7	0	1.77	41.42	0			0
Total					41.42	560.12	sqm		23,200
<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 toilets	120	0	0	0	120	0			0
Ventilators	10	0	0	0	10	0			0
Ventilators for toilets	0	0	0	0	0	0			0
Total					130	70.08	Kgs		9,110
<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	4	0.6	1	1.7	4.08	0			0
Total					4.08	3030	sqm		12,362
<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>									
Door Deduction	2	0.75	0	1.77	-2.66	0			0
Toilet internal long walls	2	4.05	0	2.38	19.28	0			0
Toilet internal short walls	3	2.58	0	2.38	18.42	0			0
toilet partician wall	2	1.45	0	2.38	6.9	0			0
Ventilator Deduction	2	2	0	0.3	-1.2	0			0
Ventilator Deduction	0	0	0	0	0	0			0
Total					40.74	121.78	sqm		4,961

## 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>								
	Door Deductions	2	0.75	0	1.77	-2.66	0		0
	Toilet long walls	2	4.51	0	2.38	21.47	0		0
	Toilet Short walls	2	3.04	0	2.38	14.47	0		0
	Ventilators Deductions	2	2	0	0.3	-1.2	0		0
	Ventilators Deductions	0	0	0	0	0	0		0
	Total					32.08	219.04	sqm	7,027
	<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>								
	Iron doors of toilets	2	0.75	0	1.77	2.66	0		0
	Ventilators of toilets	2	2	0	0.3	1.2	0		0
	Ventilators of toilets	0	0	0	0	0	0		0
	Total					3.86	122.74	sqm	474
	<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	40	0	0	0	40	0		0
	12mm HYSD bars	42	0	0	0	42	0		0
	8mm HYSD bars for plinth beam	65	0	0	0	65	0		0
	8mm HYSD bars for SLab	135	0	0	0	135	0		0
	Total					282	48.41	Kgs	13,652
	<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	2	5.5	0	0	11	0		0
	Total					11	169.13	rmt	1,860

## మన బడి నాడు-నేడు

<b>Supplying &amp; fixing Ashirvad/Astral flow guard for equivalent CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary excavation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls &amp; floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work[28.60 mm dia CPVC SDR 13.50]. (Excluding GST)</b>									
28.60 mm dia pipe	1	60	0	0	60	0			0
Total					60	123	rmt		7,380
<b>Supply and fixing of white glazed flat back bowl urinals of size 590 x 375 x 390 mm with internal rim flushing mm fixed with screws complete inidan make (Parry/Neycer/Hindware/CERA) conforming to IS 2556 -1995 as approved be Engineer - in - charge 12.7 mm PVC connection with brass plumber union nuts CM Coated. including 12.70 mm push cock 1st qulaity of approved make including supply &amp; fixing 31.75 m dia PVC flexible waser pipe of 914.40 mm lenght of 1st including cost and conveyance of all materials to site labour charges etc., complete for finished item of work for all floors (Excluding GST)</b>									
Flat back bowl urinals	2	0	0	0	2	0			0
Total					2	2647	Nos		5,294
<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	5	0	0	0	5	0			0
Total					5	351.76	Nos		1,759
<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>									
Pvc Plpe	1	12	0	0	12	0			0
Total					12	58.38	mtr		701
<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>									
1.5 sq mm COpper wire	1	0	0	0	1	0			0
Total					1	611.17	Nos		611
<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	7	0	0	0	7	0			0
Total					7	209.75	Nos		1,468

## మన బడి నాడు-నేడు

	<b>VRCC 1:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of IS 456 using 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry, using a minimum quantity of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc., to site and including all operational, incidental and labour charges such as machine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding cost of steel and its fabrication charges for finished item of work.[RCC SLABS 125mm thick] (Excluding GST)</b>								
	RCC SLab of toilet	1	5	3.62	0.13	2.35	0		0
	Total					2.35	7297.51	cum	17,149
	<b>Labour charges only for fixing European Water Closet with P or S trap as per standard practice (BMW- D.15) (Excluding GST)</b>								
	European water closet chrges	1	0	0	0	1	0		0
	Total					1	264	Nos	264
	<b>Labour charges only Fixing flat back Bowl/ Half stall urinals with fixing C.P. Spreader and screws complete (BMW-D.36) (Excluding GST)</b>								
	Labour charges for urinal bowls	2	0	0	0	2	0		0
	Total					2	127	Nos	254
	<b>Labour charges only for fixing Indian make Flat Back Wash Hand Basin with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting Pillar Taps complete with standard CI brackets including wooden block (BMW-D.28) (Excluding GST)</b>								
	Labour charges to fix wash basins	2	0	0	0	2	0		0
	Total					2	319	Nos	638
	<b>(CERA Sanitaryware Ltd) Supply of 1st quality floor mounted Single piece EWC suit with ceramic material with range of sizes : 510-695 x 295-385 x 520-795 mm with S trap for Ground floor and P trap for First floor Toilets with dual flush with all internal parts of dual flush cistern, ultra solid soft close seat cover with fittings of approved make with rubber buffer and cap all of approved make etc. complete for finished item in all respects: White Coloured, cost and conveyance of all materials and all labour charges like loading, unloading &amp; stacking etc., to school site including GST and all taxes etc., as applicable from time to time excluding installation. Similar or Nearer to the Shape as indicated in the given Photo with slight / qualified modifications in Length, Breath, Depth. (Including GST)</b>								
	EWC suit	1	0	0	0	1	0		0
	Total					1	7600	Nos	7,600

## మన బడి నాడు-నేడు

	(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 Ist Quality Indian make 400 gms Seiko / Senior / Nice / Esso or equivalent complete of white colour and approved make with standard CI brackets including wooden block : 550 x 400mm – Double C.P.Pillar Cock including cost and conveyance of all materials and all labour charges like loading, Unloading & stacking etc., complete to school site including GST and all taxes etc., as applicable from time to time excluding installation. (Including GST)								
	Hand wash basins	2	0	0	0	2	0		0
	Total					2	1478.17	Nos	2,956
	<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	27782.76	PERCENT AGE	27,783

**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**