#### Measurement Book No: 28236002105001

District Name : CHITTOOR

Mandal Name : **PEDDAPANJANI** 

Village Name : NAGIREDDIPALLE

Name of the Executing Agency : Panchayat Raj

Name of School : MPUPS

**NAGIREDDIPALLI** 

U-Dise Code : **28236002105** 

Technical Sanctioned Amount : 2366656

Admin Sanctioned Amount : 2366656

Total Expenditure : 2196714

#### <u>మన బడి నాడు-నేడు</u>

#### **Abstract**

U-Dise Code : **28236002105** 

Technical Sanctioned Amount : 2366656

Admin Sanctioned Amount : 2366656

Total Expenditure : 2196714

MBook Number : **28236002105001** 

Work Code	Work type name	Estimated Cost	Value of work done
202021000651	English Labs	40000	41439
202021001971	Green Chalk Boards	61856	61794
202021001978	Furniture for Students and Staff	594270	420917
202021002319	Providing Electrification with Fans and Tube Lights	187120	128361
202021002333	Construction of Toilet with Running Water	562272	491606
202021002474	Major and Minor Repairs	286272	651189
202021002476	Drinking Water Supply	351799	238831
202021002558	Painting to School	283067	162576
	Total	2366656	2196714

Signature of Engineering Assistant

Signature of FE/AE/AEE

Signature of Deputy Executive Engineer

**U SRINIVAS** 

Chereddi Naveenkumar

**Signature of Executive Engineer** 

Kandepu Kedareswara Rao

#### <u>మన బడి నాడు-నేడు</u>

**Work Code** : English Labs : 202021000651 Name of the Work

**Administrative Sanction No** : Proc.No2823010191/MBNN/2020 Technical Sanctioned : /20-21

-2021

Estimate Amount (in Rs.) Work MBook Amount: 41,439/-: 40,000/-

(in Rs.)

Date of Measure ment	Description of Item	Mea	sureme	nt upto d	ate	Total Quantity	Rate	Units	Total Value of work done
		No	٦	В	D				
	Supply of 55 inches/65 inch be given later in a circular)		•	rojector	with Scre	en including	installatio	n (Detailed	I specifications will
	LCD TV	0	0	0	0	36999	0		0
	Total					36999	1	LS	36,999

**Work Code** Name of the Work : Green Chalk Boards : 202021001971

: Proc.No2823010191/MBNN/2020 Technical Sanctioned : /20-21 **Administrative Sanction No** 

-2021

Estimate Amount (in Rs.) : 61,856/-Work MBook Amount: 61,794/-

(in Rs.)

Date of Measure ment	Description of Item	Mea	asureme	nt upto d	ate	Total Quantity	Rate	Units	Total Value of work done
		No	L	В	D				

(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	6	0	0	0	6	0		0
Total					6	10299	Nos	61,794

Work Code : 202021001978 Name of the Work : Furniture for Students and

Staff

Administrative Sanction No : Proc.No2823010191/MBNN/2020 Technical Sanctioned : /20-21

-2021 N

Estimate Amount (in Rs.) : 5,94,270/- Work MBook Amount : 4,20,917/-

(in Rs.)

Date of Measure ment	Description of Item	Mea	Measurement upto date				Rate	Units	Total Value of work done			
		No	L	В	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 (rea??rmed 2013)(Fifth Revision)Amdt. no.1 Sheet thickness of door in 0.8 mm (minimum) (Excluding GST)											
	Almairahs	0	0	0	0	0	0		0			
	Total					0	7850	Nos	0			
	Teacher Table in classroom, Table Top Material is 18 mm thick prelaminated Particle Board (Not as per IS8126) Thickness (±2 mm). One side double storage is provided and pedastals (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			

#### <u>మన బడి నాడు-నేడు</u>

Teacher Chair in classroom, GST)	Library ro	om, Lab	oratory ro	oom Seat	and Backre	est is Made	of Polythe	ne cane. (Excluding
Teacher Chair	0	0	0	0	0	0		0
Total					0	1050	Nos	0

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  ${\sf x}$ 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 pressfitted 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)

0

0

0

0

6768.38 Nos

desk

Total

0

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)

desk	25	0	0	0	25	0		0
Total					25	6821.78	Nos	1,70,545

Supply & Placing Dual desk for class VII to X; TYPE – III 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. 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. 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 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 150mm. 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)

desk	27	0	0	0	27	0		0
Total					27	6895	Nos	1,86,165
Provision for GST @ 12.00%	6							
Provision for GST	1	0	0	0	1	0		0
Total					1	64207.71	PERCENT AGE	64,208

Work Code : 202021002319 Name of the Work : Providing Electrification

with Fans and Tube Lights

Administrative Sanction No : Proc.No2823010191/MBNN/2020 Technical Sanctioned : /20-21

-2021 No

Estimate Amount (in Rs.) : 1,87,120/- Work MBook Amount : 1,28,361/-

(in Rs.)

Date of Measure ment	Description of Item	Mea	Measurement upto date				Rate	Units	Total Value of work done
		No	L	В	D				
	Supply and fixing of 25mm including masonary work a				-	•		n all requi	red accessories
	for new toilets	1	8	0	0	8	0		0
	for water room	1	3	0	0	3	0		0
	HM room & HM Room beside room	1	9	0	0	9	0		0
	room 1	1	16	0	0	16	0		0
	room 3	1	8	0	0	8	0		0
	room 3 varandah room	1	3	0	0	3	0		0
	room2	1	8	0	0	8	0		0
	Total					55	71.44	mtr	3,929
	Supply and run of 2 of 36/0 including all labour charges	•				ted flexible	copper cab	le in exist	ing pipe for mains
	from mian to old toilets	1	18	0	0	18	0		0
	from main to kitchen shed	1	26	0	0	26	0		0
	from mian to computer room	1	6	0	0	6	0		0
	from mian to HM room	1	17	0	0	17	0		0
	from mian to new toilets	1	39	0	0	39	0		0
	from mian to room1	1	23	0	0	23	0		0
	from mian to room2	1	14	0	0	14	0		0

Total					143	64.93	mtr	9,285
Supply and run of 1 of 2.5 so IS: 694 / 1990 specification labour charges etc., comple	flexible co	opper ca	ble in exi	sting MS	conduit pip	e for indivi		•
from main to computer room	1	6	0	0	6	0		0
from main to HM Room	1	17	0	0	17	0		0
from main to kitchen shed	1	26	0	0	26	0		0
from main to room 1 switch boards	1	23	0	0	23	0		0
from main to room2	1	14	0	0	14	0		0
from mian to new toilets	1	39	0	0	39	0		0
from mian to old toilets	1	18	0	0	18	0		0
Total					143	32.52	rmt	4,650
switches with cover plate in (Excluding GST) for fan points of room1,	ncluding a	I <b>I labour</b> 0	charges e	e <b>tc., com</b> p	olete for Ligi	n <b>t, Fan, Exh</b> 0	aust Fan	etc., complete.
<del>-</del>	ncluding a	II labour	charges e	etc., comp	olete for Ligi	nt, Fan, Exh	aust Fan	etc., complete.
(Excluding GST)				•			aust Fan	etc., complete.
(Excluding GST)  for fan points of room1, room2, room 3, room 3 varandah,HM room & HM room beside room	12	0	0	0	12	0	aust Fan	etc., complete.
for fan points of room1, room2, room 3, room 3 varandah, HM room & HM room beside room for light points of room1, room2, room3, room3 varandah, room1 corridor, water room, HM room,	12	0	0	0	12	0		0
for fan points of room1, room2, room 3, room 3 varandah, HM room & HM room beside room for light points of room1, room2, room3, room3 varandah, room1 corridor, water room, HM room, Hm room beside	12	0	0	0	12	0		0
for fan points of room1, room2, room 3, room 3 varandah, HM room & HM room beside room for light points of room1, room2, room3, room3 varandah, room1 corridor, water room, HM room, Hm room beside for new toilet lights	12 38 2 4 modular with earth	0 0 3 pin so	0 cket with	0 0 <b>6A mod</b> u	12 38 2 52 Ilar switch v	0 611.17 vith 3 moul	Nos ar metal l	0 31,781 box with cover
for fan points of room1, room2, room 3, room 3 varandah,HM room & HM room beside room for light points of room1, room2, room3, room3 varandah, room1 corridor, water room, HM room, Hm room beside for new toilet lights Total Supply and fixing of 6A/10A frame on a common board	12 38 2 4 modular with earth	0 0 3 pin so	0 cket with	0 0 <b>6A mod</b> u	12 38 2 52 Ilar switch v	0 611.17 vith 3 moul	Nos ar metal l s along w	0 0 31,781 box with cover

continuity including wire le								
earth connections	0	0	0	0	0	0		
Total					0	108.34	Nos	
Supply, Transportaton, and with PF>0.9, Surge protection CRI>70, .etc., completes including wire and connections. (Excl	on: 2KV,TH luding all	ID<10%, abour cl	with inbu	uilt driver	and frosted	cover CCT	: 3000K - !	5700K, minimum
Tube Lights	30	0	0	0	30	0		
Total					30	867.5	Nos	26,02
Supply and Fixing of batten complete. In lieu of ceiling	_	_		ting bloc		LED bulb	and all la	bour charges etc.,
Holders with Bulb	10	0	0	0	10	0		
Total					10	209.75	Nos	2,09
50 W Street Lights Total	3	0	0	0	3	4500		13,5
					J			,-
Supply and fixing of1 Modu (Excluding GST)  for room1, room2, room3	20	<b>r type E</b> l	Γ	tep type	Fan Regulat	or. in the e	- -	vitch board.
(Excluding GST)			Γ		_		- -	vitch board.
(Excluding GST)  for room1, room2, room3 & room3 varandah, Hm room beside room & HM			Γ		_	0	- -	
(Excluding GST)  for room1, room2, room3 & room3 varandah, Hm room beside room & HM room	20 ceiling far	0	0	0	20	365	Nos	7,3
(Excluding GST)  for room1, room2, room3 & room3 varandah, Hm room beside room & HM room  Total  Labour charges for fixing of	20 ceiling far	0	0 gulator ind	0	20 20 ansportatio	365	Nos g connect	7,3
for room1, room2, room3 & room3 varandah, Hm room beside room & HM room  Total  Labour charges for fixing of wire etc., complete. (Exclude for ceiling fans fixing in the	20 ceiling far ling GST)	0 n and reg	0 gulator ind	0 Cluding tr	20 20 ansportatio	0 365 n and givin	Nos g connect	7,3 ions with twin core
for room1, room2, room3 & room3 varandah, Hm room beside room & HM room  Total  Labour charges for fixing of wire etc., complete. (Exclude for ceiling fans fixing in the rooms	ceiling far ling GST) 12 bution bo	0 and reg	gulator incomplete of the property of the prop	0 cluding tr 0 etection (I	20 ansportatio 12 12 Metal Door)	365 n and giving 0 138.88 suitable fo	Nos Ros Nos Ros Ros Ros Ros Ros Ros Ros Ros Ros R	7,3 ions with twin core  1,6 hase ELCB / RCCB /
for room1, room2, room3 & room3 varandah, Hm room beside room & HM room  Total  Labour charges for fixing of wire etc., complete. (Exclude for ceiling fans fixing in the rooms  Total  Supply and fixing SPN Distripo DP Isolator as incomer and	ceiling far ling GST) 12 bution bo	0 and reg	Outing goi	0 cluding tr 0 etection (I	20 ansportatio  12  12  Metal Door) ing internal	365 n and giving 0 138.88 suitable fo	Nos g connect Nos r single pl	7,3 ions with twin core

Providing independent earth Data, using 40mm GI B Class including filling with equal p GST)	s Pipe of 2	.5 Mtrs I	ength wit	th necessa	ary accesso	ries duly pr	oviding sta	aggered holes
Earthing Pipe	1	0	0	0	1	0		0
Total					1	4431.61	Nos	4,432
fan with air delivery of 210 ( standard accessories like 10 aluminium body and blades including cost and conveyan complete for finished item of including GST and all taxes of years from the date of supp	0% coppe having the nce of all not mork. (Cetc., as ap	r windin ickness on naterials Crompto plicable	g, down rof 1.08mr to site (on / Usha /	od 300m n with gla of school) / Bajaj / F	m length an assy powder including lo lavells / Ori	d 19.20mm coated pai pading and ent / Khaita	dia meter nt finish ( un-loading an / Polar	r, anti-corrosion Ivory colour ) etc., g and fixing etc., / GEC / Almonard)
ceiling fans	1	0	0	0	1	0		0
Total					1	1440	Nos	1,440
Provision for GST @ 12.00%								
Provision for GST	1	0	0	0	1	0		0
Total					1	13598.73	PERCENT AGE	13,599

Work Code : 202021002333 Name of the Work : Construction of Toilet with

**Running Water** 

Administrative Sanction No : Proc.No2823010191/MBNN/2020 Technical Sanctioned : /20-21

-2021

Estimate Amount (in Rs.) : 5,62,272/- Work MBook Amount : 4,91,606/-

(in Rs.)

No

Date of Measure ment	Description of Item	Mea	asureme	nt upto d	ate	Total Quantity	Rate	Units	Total Value of work done
		No	L	В	D				

like BC Soils, Red Earth & Or shoring, strutting, sheeting complete for finished item of Foundation of Building.(APS	rdinary Gra , planking of work inc	avelly So and dew cluding s	ils ( SS 20 ratering ir eignerage	-B) includ ncluding c	ling all oper	ational inci harges of 1	dental lab 「& P, labo	ur charges etc.,
Columns Front Side	6	1.5	1.5	1.5	20.25	0		0
deduct columns for RR	2	0.23	0.6	0.6	-0.17	0		0
for RR masnory	3	5.16	0.6	0.6	5.57	0		0
for RRMasnory	3	2.78	0.6	0.6	3	0		0
for septic tank	1	4.05	2.45	1.5	14.88	0		0
Total					43.53	152.88	cum	6,655
finished item of work (Exclu Columns Front Side	iding GST)	1.5	1.5	0.15	2.02	0		0
Plain Cement Concrete (1:4)		)mm no	minal size	SSS hard				
Plain Cement Concrete (1:5	:10) M5 gr	ade usin	g 40mm n	nominal si	ze SS5 hard	broken gra	nite meta	l including cost and
conveyance of all materials operational, incidental and finished item of work (Exclu	labour cha							_
all around toilet	2	5.9						
all around toilet	_	0.0	0.6	0.1	0.71	0		0
	2	5	0.6 0.6	0.1	0.71	0		0
deduct columns for RR	2				-			0 0
	2 2 4	5	0.6	0.1	0.6	0		0 0 0
deduct columns for RR		5 0.23	0.6 0.6	0.1 0.15	0.6 -0.04	0		0 0 0 0
deduct columns for RR deduct man holes		5 0.23 0.6	0.6 0.6 0.6	0.1 0.15 0.1	0.6 -0.04 -0.14	0 0		0 0 0 0 0
deduct columns for RR deduct man holes deduct owc	4 0	5 0.23 0.6 0	0.6 0.6 0.6	0.1 0.15 0.1	0.6 -0.04 -0.14	0 0 0		0 0 0 0 0
deduct columns for RR deduct man holes deduct owc for flooring	4 0	5 0.23 0.6 0 1.5	0.6 0.6 0.6 0 1.2	0.1 0.15 0.1 0 0.1	0.6 -0.04 -0.14 0 0.72	0 0 0 0		
deduct columns for RR deduct man holes deduct owc for flooring for flooring in toilet	4 0 4 2	5 0.23 0.6 0 1.5 2.58	0.6 0.6 0.6 0 1.2 1.5	0.1 0.15 0.1 0 0.1 0.1	0.6 -0.04 -0.14 0 0.72 0.77	0 0 0 0 0		0
deduct columns for RR deduct man holes deduct owc for flooring for flooring in toilet for internal plinth beam	4 0 4 2 2	5 0.23 0.6 0 1.5 2.58 1.05	0.6 0.6 0.6 0 1.2 1.5	0.1 0.15 0.1 0 0.1 0.1	0.6 -0.04 -0.14 0 0.72 0.77 0.08	0 0 0 0 0		0
deduct columns for RR deduct man holes deduct owc for flooring for flooring in toilet for internal plinth beam for RR Masnory	4 0 4 2 2 2	5 0.23 0.6 0 1.5 2.58 1.05 5.16	0.6 0.6 0.6 0 1.2 1.5 0.38	0.1 0.15 0.1 0 0.1 0.1 0.1 0.15	0.6 -0.04 -0.14 0 0.72 0.77 0.08 1.39	0 0 0 0 0 0		0 0

cc	illing with useful available nitial lead in layers not exc ost and conveyance of wat	eeding 150 ter to work	cm thick c site and	consolida d all opera	ting each	deposited acidental, la	layer by wa bour charge	itering and	d ramming including
De	omplete for finished item reduct PCC 1:4:8 Qty (as er PCC 1:4:8 Task)	of work.[E	arth fillir 0	ng (Ordina 0	ary soil)] (	Excluding G -2.57	O		0
De	educt VRCC Column Qty pto Natural Ground Level	0.49	0	0	0	-0.19	0		C
D <sub>1</sub>	educt VRCC Footing Qty	1.73	0	0	0	-2.59	0		a
Q	arth work Excavated Quantity (as per Earth Vork Task)	45.39	0	0	0	20.25	0		C
To	otal					14.9	29.54	cum	440
	asement. (Excluding GST) EDUCT COLUMNS	2	0.23	0.45	0.45	-0.09	0		(
ba	asement. (Excluding GST)								
DI	EDUCT COLUMNS	2	0.23	0.45	0.45	-0.09	0		С
יחן ו	EDUCT JUNCTION	1	0.45	0.45	0.45	-0.09	0		(
								ļ	
Ro	oom alround (below GL & bove GL)	3	5.42	0.45	0.45	3.29	0		C
Ro ak	•	3					0		
Ro ab Sh	bove GL)		5.42	0.45	0.45	3.29		cum	(
Ro ak Sh To <b>Bi</b>	bove GL) HORT WALLS	3 vith bricks	5.42 3.23 of tradit	0.45 0.45 ional size	0.45 0.45 <b>23 x 11 x</b>	3.29 1.96 5.07 7 cm 2nd c	0 3516.95 ass includi	ng cost an	17,831 d conveyance of all
Ro ak Sh To Bi m	bove GL) HORT WALLS otal rick masonry in CM (1:6) v	3 vith bricks	5.42 3.23 of tradit	0.45 0.45 ional size	0.45 0.45 <b>23 x 11 x</b>	3.29 1.96 5.07 7 cm 2nd c	0 3516.95 ass includi	ng cost an	17,831 d conveyance of all
Ro ak Sh To <b>Bi</b> m	bove GL) HORT WALLS otal rick masonry in CM (1:6) v	3 vith bricks	5.42 3.23 of tradit	0.45 0.45 ional size for finis	0.45 0.45 <b>23 x 11 x</b> hed item	3.29 1.96 5.07 7 cm 2nd c of work for	0 3516.95 ass includi Basement.	ng cost an (Excludin	d conveyance of all g GST)
Ro ak SH To Bi m ba	bove GL) HORT WALLS otal rick masonry in CM (1:6) v naterials and all labour cha	3 with bricks arges etc., 2	5.42 3.23 of tradit complete 1.65	0.45 0.45 ional size for finis	0.45 0.45 <b>23 x 11 x</b> hed item 1.2	3.29 1.96 5.07 7 cm 2nd c of work for 0.4	0 3516.95 ass includi Basement.	ng cost an (Excludin	d conveyance of all g GST)
Rocals SH To Bi m ba Se	bove GL) HORT WALLS otal rick masonry in CM (1:6) v naterials and all labour cha affel walls eptic tank Alround	vith bricks arges etc., 2	5.42 3.23 of tradit complete 1.65 3.8	0.45  0.45  ional size e for finis  0.1  0.23	0.45 0.45 23 x 11 x hed item 1.2 1.5	3.29 1.96 5.07 7 cm 2nd c of work for 0.4 2.62	0 3516.95 ass includi Basement. 0	ng cost an (Excludin	d conveyance of all g GST)
Rocals SH To Bi m ba Se Se Go co ar	bove GL) HORT WALLS otal rick masonry in CM (1:6) v naterials and all labour cha affel walls eptic tank Alround eptic tank short walls	with bricks arges etc., c 2 2 2 des of foured layer by	5.42 3.23 of tradit complete 1.65 3.8 1.65 ndations	0.45 ional size of finist 0.1 0.23 0.23 and base g and ran	0.45  23 x 11 x hed item  1.2  1.5  1.5  ment with	3.29  1.96  5.07  7 cm 2nd c  of work for  0.4  2.62  1.14  4.16  th initial lead	0 3516.95 lass includi Basement. 0 0 4809.13 d in layers and convey	cum not exceed	d conveyance of all g GST)  20,006 ding 15cm thick
Rocals SH To Bi m ba Se To Gi co ar (E	bove GL) HORT WALLS otal rick masonry in CM (1:6) venaterials and all labour characterials and all special and all operational, incident excluding GST)	vith bricks arges etc., 2 2 2 des of foured layer by tal, labour	5.42 3.23 of tradit complete 1.65 3.8 1.65 ndations waterin charges	0.45  ional size e for finisl 0.1 0.23 0.23 and base g and ran , hire chai	0.45  0.45  23 x 11 x  hed item  1.2  1.5  1.5  ment with ming incoming inc	3.29  1.96  5.07  7 cm 2nd c of work for  0.4  2.62  1.14  4.16  th initial lead luding cost &P etc., com	3516.95 ass includi Basement.  0 0 4809.13 d in layers and convey	cum not exceed	d conveyance of all g GST)  20,006 ding 15cm thick rater to work site m of work.
Rocals Sh To Bi m ba Se Se To Gi co ar (E	bove GL) HORT WALLS otal rick masonry in CM (1:6) venaterials and all labour characterials and all special fravel Filling in trenches, significant consolidating each deposite on all operational, incident excluding GST) inside Basement	with bricks arges etc., c 2 2 2 des of foured layer by	5.42 3.23 of tradit complete 1.65 3.8 1.65 ndations waterin charges	0.45  ional size for finis  0.1  0.23  0.23  and base g and ran , hire chain	0.45  0.45  23 x 11 x hed item  1.2  1.5  1.5  ment with aming incoming inc	3.29  1.96  5.07  7 cm 2nd c of work for  0.4  2.62  1.14  4.16  th initial leadluding cost &P etc., com	0 3516.95 lass includi Basement. 0 0 4809.13 d in layers and convey	cum not exceed	d conveyance of all g GST)  20,006  ding 15cm thick rater to work site m of work.
Rocals SH To Bi m ba Se Se To Gi co ar (E	bove GL) HORT WALLS otal rick masonry in CM (1:6) venaterials and all labour characterials and all special and all operational, incident excluding GST)	vith bricks arges etc., 2 2 2 des of foured layer by tal, labour	5.42 3.23 of tradit complete 1.65 3.8 1.65 ndations waterin charges	0.45  ional size e for finisl 0.1 0.23 0.23 and base g and ran , hire chai	0.45  0.45  23 x 11 x  hed item  1.2  1.5  1.5  ment with ming incoming inc	3.29  1.96  5.07  7 cm 2nd c of work for  0.4  2.62  1.14  4.16  th initial lead luding cost &P etc., com	0 3516.95 ass includi Basement. 0 0 4809.13 d in layers and convey plete for fi	cum not exceed	g GST)  0  0  20,006  ding 15cm thick rater to work site

VRCC 1:1.5:3 nominal mix ( size graded machine crushed quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay its fabrication charges for f	ed hard gra ent per 1 c ggregate, w ying concre	um of co vater etc ete, curir m of wo	tal (coarsonce increte increte income	e aggrega cluding co and includ ing, shutt NGS] (Exc	te) from ap est and conv ing all oper ering etc., c cluding GST	proved qua veyance of a ational, inc omplete bu	rry, using all materia idental an	a minimum Ils like cement, fine d labour charges
Column Footing F1	6	1.2	1.2	0.3	2.59			0
 Total					2.59			17,003
VRCC 1:1.5:3 nominal mix ( size graded machine crushed quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay its fabrication charges for fi	ed hard gra ent per 1 co gregate, w ying concre	inite me um of co vater etc ete, curir	tal (coarsonce increte increte income	e aggrega cluding co and includ ing, shutt	te) from appost and conv ling all oper ering etc., c	proved qua reyance of a ational, inc omplete bu	rry, using all materia idental an	a minimum Ils like cement, fine d labour charges
 Column Pedestals	6	0.45	0.45	0.45	0.55			0
for OHSR (1x4x038x0.38x0.60)	0	0	0	0	0	0		0
Total					0.55	6977.99	cum	3,838
VRCC 1:1.5:3 nominal mix (			_			-		_
VRCC 1:1.5:3 nominal mix ( size graded machine crushed quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay its fabrication charges for fi	ed hard gra ent per 1 c ggregate, w ying concre	nite me um of co vater etc ete, curir	tal (coarsonce increte increte income	e aggrega cluding co and including, shutt	te) from appost and conv ling all oper ering etc., c	proved qua reyance of a ational, inc omplete bu	rry, using all materia idental an	a minimum Ils like cement, fine d labour charges
size graded machine crushed quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay	ed hard gra ent per 1 c ggregate, w ying concre	nite me um of co vater etc ete, curir	tal (coarse ncrete inc , to site a g, center rk.[COLUI	e aggrega cluding co and including, shutt	te) from appost and conv ling all oper ering etc., c	proved qua reyance of a ational, inc omplete bu	rry, using all materia idental an	a minimum Ils like cement, fine d labour charges
size graded machine crushed quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay its fabrication charges for for Columns from Plinth Beam	ed hard gra ent per 1 co gregate, w ying concre inished ite	unite med um of co vater etc ete, curir m of wo	tal (coarse ncrete inc , to site a g, center rk.[COLUI	e aggrega cluding co and includ ing, shutt MNS] (Exc	te) from ap est and conv ling all oper ering etc., c luding GST)	proved qua veyance of a ational, inc omplete bu	rry, using all materia idental an it excludin	a minimum ils like cement, fine d labour charges ig cost of steel and
size graded machine crushed quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay its fabrication charges for fill Columns from Plinth Beam to Roof Level  Columns upto Plinth Beam	ed hard gra ent per 1 congregate, waying concre inished ite	um of co vater etc ete, curir m of wo	tal (coarse ncrete inc , to site a g, center rk.[COLUI	e aggrega cluding co and includ ing, shutt VINS] (Exc 2.85	te) from ap ost and conv ling all oper ering etc., c luding GST)	proved qua veyance of a ational, inc omplete bu	rry, using all materia idental an it excludin	a minimum  Ils like cement, fine d labour charges g cost of steel and
size graded machine crushed quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay its fabrication charges for fill Columns from Plinth Beam to Roof Level  Columns upto Plinth Beam Level	ed hard graent per 1 congregate, waying concretionshed iteed hard graent per 1 congregate, waying concretions	nnite medum of covater etc, curir m of woo 0.23  0.23  ne aggreum of covater etc etc, curir	gate: coarse ncrete inc., to site a leg, center of coarse ncrete inc., to site a leg, center of coarse ncrete inc., to site a leg, center	e aggrega cluding co ind includ ing, shutt VINS] (Exc 2.85 0.6 rse aggrega cluding co ind includ ing, shutt	te) from appost and conving all oper ering etc., colluding GST)  0.9  0.19  1.09  gate) correste) from appost and conving all oper ering etc., colluding etc., colluding etc., colluding etc., colluding all oper ering etc., colluding etc.	proved qua veyance of a ational, inc omplete bu 0 8073.99 sponding to proved qua veyance of a ational, inc omplete bu	rry, using all material idental and texcluding table 9 of table 9 of table material idental and table and	a minimum als like cement, fine d labour charges ag cost of steel and
size graded machine crushed quantity of 400 Kgs of cemeraggregate (sand), coarse against such as machine mixing, lay its fabrication charges for fit columns from Plinth Beam to Roof Level  Columns upto Plinth Beam Level  Total  VRCC 1:1.5:3 nominal mix (size graded machine crushed quantity of 400 Kgs of cemeraggregate (sand), coarse against such as machine mixing, lay	ed hard graent per 1 congregate, waying concretionshed iteed hard graent per 1 congregate, waying concretions	nnite menum of covater etc, curir m of woo 0.23  0.23  ne aggreanite menum of covater etc, curir	gate: coarse ncrete inc., to site a leg, center of coarse ncrete inc., to site a leg, center of coarse ncrete inc., to site a leg, center	e aggrega cluding co ind includ ing, shutt VINS] (Exc 2.85 0.6 rse aggrega cluding co ind includ ing, shutt	te) from appost and conving all oper ering etc., colluding GST)  0.9  0.19  1.09  gate) correste) from appost and conving all oper ering etc., colluding etc., colluding etc., colluding etc., colluding all oper ering etc., colluding etc.	proved qua veyance of a ational, inc omplete bu 0 8073.99 sponding to proved qua veyance of a ational, inc omplete bu GST)	cum table 9 of rry, using all material	a minimum als like cement, fine d labour charges ag cost of steel and
size graded machine crushed quantity of 400 Kgs of cemeraggregate (sand), coarse against such as machine mixing, lay its fabrication charges for fit Columns from Plinth Beam to Roof Level  Columns upto Plinth Beam Level  Total  VRCC 1:1.5:3 nominal mix (size graded machine crushed quantity of 400 Kgs of cemeraggregate (sand), coarse against fabrication charges for fit	ed hard graent per 1 congregate, waying concretinished iteed hard graent per 1 congregate, waying concretinished ite	nnite medum of covater etc, curir m of woo 0.23  0.23  ne aggreanite medum of covater etcete, curir m of woo work model wood water etcete, curir m of woo water etcete.	gate: coarse ncrete inc., to site a ng, center of coarse ncrete inc., to site a ng, center ncrete inc., to site a ng, center of center o	e aggrega cluding co ind includ ing, shutt MNS] (Exc 2.85 0.6 rse aggrega cluding co ind includ ing, shutt H BEAMS]	te) from appost and conving all operers on the conving all operers on the conving all operers of the conving all operers of te., conving all operers of the conving all operers of	proved qua veyance of a ational, inc omplete bu 0 8073.99 sponding to proved qua veyance of a ational, inc omplete bu GST)	cum table 9 of rry, using all material an idental an id	a minimum als like cement, fine d labour charges ag cost of steel and

Room Middle walls	3	5.88	0.23	0.23	0.93	0		0
Total					1.56	8556.99	cum	13,349
VRCC 1:1.5:3 nominal mix (or size graded machine crushed quantity of 400 Kgs of ceme aggregate (sand), coarse aggregate as machine mixing, lay its fabrication charges for fi	d hard graent per 1 co gregate, wing concre	nite met um of co rater etc ete, curir	tal (coarsoncrete increte inc , to site and , center	e aggrega cluding co and includ ing, shutt	te) from appost and conv ling all oper ering etc., c	oroved qua eyance of a ational, inc	rry, using all materia idental an	a minimum Ils like cement, fine d labour charges
Roof Beam Cross	0	0	0	0	0	0		0
Total					0	7514.25	cum	0
size graded machine crushe quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay its fabrication charges for fi	ent per 1 co gregate, w ing concre	um of co rater etc ete, curin	ncrete ind ., to site a ig, center	cluding co and including, shutt	ost and conv ling all oper ering etc., c	reyance of a ational, inc omplete bu	all materia idental an it excludin	Is like cement, fine d labour charges
Deduct Manhole	0	0	0	0	0	0		0
Roof slab area( with 0.30m alround projection)	1	6.5	4.29	0.13	3.49	0		0
Septic Tank	1	2.13	3.75	0.12	0.92	0		0
Total					4.41	7541.9	cum	33,260
Brick masonry in CM (1:8) w materials and all labour cha							_	-
Deduct Main Door	2	1	0.23	2.1	-0.97	0		0
Deduct Toilet Doors	4	0.75	0.23	2.15	-1.48	0		0
Deduct Ventilaters	4	2.2	0.23	0.3	-0.61	0		0
deduct ventilators over doors	2	1	0.23	0.3	-0.14	0		0
internalwalls	2	2.55	0.23	2.15	2.52	0		0
partition walls	2	1.47	0.1	2.15	0.63	0		0
toilet main walls	3	3.2	0.23	2.85	6.29	0		0
toilet main walls	2	2.55	0.23	2.85	3.34	0		0
toilet main walls	2	2.6	0.23	2.85	3.41	0		0
Total					12.99	5151.61	cum	66,919

Plastering with CM 2 coats, 2 water proof Compound man		-		• •		-	•	• •
bag of cement including spo complete for external walls		_		-			all labour	charges etc.,
0.50 deduct ventilators	2	2.2	0	0.3	-1.32	0		
deduct doors	1	0.98	0	2.1	-2.06	0		(
deduct ventilators	1	0.98	0	0.3	-0.29	0		(
for short walls	2	3.72	0	3.17	23.58	0		(
Outside sides	2	5.92	1	3.17	37.53	0		(
Total					57.44	316.03	sqm	18,153
Plastering with CM (1:5) Sing charges etc., complete for w				ing cost a	nd conveya	nce of all n	naterials a	and all labour
0.50 deduct ventilators	1	0.98	0	0.3	-0.29	0		
deduct Cross section of walls	4	0.13	0	2.15	-1.12	0		C
Deduct Main Door	1	0.98	1	2.15	-2.11	0		С
Deduct Toilets Doors	4	0.75	1	2.15	-6.45	0		C
Deduct Ventilators	2	2.2	1	0.3	-1.32	0		C
for partition walls	4	1.45	0	2.15	12.47	0		С
forinternal walls	4	2.55	0	2.15	21.93	0		С
Inside Toilets allround	2	2.58	1	3.15	16.25	0		0
Inside Urinal portion	2	2.63	1	3.15	16.57	0		0
internal walls	4	3.22	0	3.15	40.57	0		0
Total					96.5	110.81	sqm	10,693
Plastering with CM (1:5), 201 complete for walls. (Excluding		including	g cost and	conveya	nce of all m	aterials an	d all labou	ur charges etc.,
deduct cross sections	4	0.13	0	1.2	-0.62	0		C
for baffel walls	4	1.65	0	1.2	7.92	0		С
for long walls	2	3.29	0	1.5	9.87	0		C
on top of baffel walls	2	1.65	0	0.13	0.43	0		C
Septic Tank Allround	2	1.65	1	1.5	4.95	0		C
Total					22.55	245.96	sqm	5,546

3.3.kgs per sqm & jointed including cost of all materi	-		-		-			•
including cost of all materi complete for finished item		-		ina tiles e	etc., comple	ie, includin	g seignion	age charges, etc.
at door steps	4	0.75		0	0.69	0		
Toilets inside	4	1.19	1.45	1	6.9	0		
Urinal portion	2	2.55	1.44	1	7.34	0		
Total					14.93	718.28	sqm	10
Dadooing to walls with ISC engineer -in - charge of sit base over coat and neat gr jointed with white cement	te not less to rey cement : t paste mixe	han 300 slurry of ed with p	x 450 mm honey lik pigment o	n / 320 m kr consiste f matchin	m x 400 mm ency spread ig shade to i	set over b at the rate matching sl	ase coat 1 of 3.3 kgs nade to m	.2mm thick CM (s per sqm and atch the shade (
tiles including cost and of a and all operational incider	ntal and labo	our char		as mixing	mortar fixir	ng in postio	n includin	-
etc completed for work . (I								
Inside Toilets Allround	4	4.52	1	1.5		0	<b> </b>	
Inside Toilets Allround Inside Urinal side wall Total	4 2	5.76		1.5	17.28 44.4	0 560.91	sqm	
Inside Toilets Allround Inside Urinal side wall Total Supplying, fitting and place etc, cost and conveyance of	4 2 ing MS grille of all materi	5.76 ed door,	windows	1.5 , gate inc	17.28 44.4 luding fabric	560.91	sqm ges and al	l incidental char
Inside Toilets Allround Inside Urinal side wall Total Supplying, fitting and place	4 2 ing MS grille of all materi	5.76 ed door,	windows	1.5 , gate inc	17.28 44.4 luding fabric etc., comple	560.91	sqm ges and al f material	
Inside Toilets Allround Inside Urinal side wall Total Supplying, fitting and place etc, cost and conveyance of Sail, Visakha) (Excluding G	4 2 ing MS grille of all materi ST)	5.76 ed door, als and a	windows all labour	1.5 , gate inc charges e	17.28 44.4 luding fabricetc., comple	0 560.91 cation char te. (make o	sqm ges and al f material	l incidental char
Inside Toilets Allround Inside Urinal side wall Total Supplying, fitting and place etc, cost and conveyance of Sail, Visakha) (Excluding Grand Doors for Main Entrance	ing MS grille of all materi ST)	5.76 ed door, als and a	windows all labour	1.5 , gate inc charges e	17.28 44.4 luding fabricetc., comple 170 200	0 560.91 cation char te. (make o	sqm ges and al f material	l incidental char
Inside Toilets Allround Inside Urinal side wall Total Supplying, fitting and place etc, cost and conveyance of Sail, Visakha) (Excluding Grand) Doors for Main Entrance large ventilators	ing MS grille of all materi ST)	5.76 ed door, als and a	windows all labour	1.5 , gate inc charges 6	17.28 44.4 luding fabricetc., comple 170 200	0 560.91 cation char te. (make o	sqm ges and al f material	l incidental cha
Inside Toilets Allround Inside Urinal side wall Total Supplying, fitting and place etc, cost and conveyance of Sail, Visakha) (Excluding Grand) Doors for Main Entrance large ventilators small ventilators	ing MS grille of all materi ST)  170 200 70  y made soli cal member to be used me is fixed to cal member cal m	5.76 ed door, als and a  0 0 0 d Wood rs are to with rev to the w	windows all labour  0 0 0 Polymer be joined verse forw all using h mum 2no.	1.5  , gate incomposite together vard speeds of the formula fast of the fast o	17.28 44.4 luding fabricetc., complete 170 200 70 440 se (WPC) sine with the hold control had control had control had contal mem 32MM (Excl	560.91 cation charge te. (make of the contact of th	sqm ges and al f material Kgs d Door Fr ember usi machine. inimum of a	I incidental charles - TATA, Jindal,  3 ame section of sing 8x50 MM lor The 4 No.s of screws

hinges. A minimum of 4 hinges will be required for fixing the door with the frame (Excluding GST)

Doors for Toilets	4	0.69	2.05	1	5.66	0		0
Total					5.66	3030	sqm	17,150
Painting to New walls with than 50 grams/liter of supe making three coats in all to materials, including cost ar brushes, water to site, etc. charges, lift charges, curing Floor INTERNAL Make: Asi	erior qualit give an ev nd conveya , sales & ot getc., com	y of appi en shad nce of al her taxe plete for	roved bra e after the Il materia es, all ope finished i	nd and shoroughly ls, includi rational, i tem of w	nade over ba brushing the ng cost and ncidental an	ase coat of e surface to conveyanc nd labour c	cement propertion remove a contract the cont	imer grade -I all loose powdered aterials, cost of th as scaffolding
Deduct Main Door	0	0	0	0	0	0		0
Deduct Toilets Doors	0	0	0	0	0	0		0
Deduct Ventilaters Sides	0	0	0	0	0	0		0
Inside Toilets allround	0	0	0	0	0	0		0
Inside Urinal partitions allround	0	0	0	0	0	0		0
Inside Urinal portion	0	0	0	0	0	0		0
Main Door Sides	0	0	0	0	0	0		0
Toilet Doors Sides	0	0	0	0	0	0		0
Ventilaters Sides	0	0	0	0	0	0		0
Total					0	121.78	sqm	0
Painting to New walls with silicon additives exterior grauperior quality of approve give an even shade after the conveyance of all materials & other taxes, all operation complete for finished item	rade having ed brand an oroughly b s, including nal, incider	y VOC (Vond shade orushing cost and land land land land land land land	olatile Or over bas the surfad d conveya abour cha	ganic Con e coat of ce to rem ince of all arges sucl	npound) co cement prin ove all loos materials, o n as scaffold	ntent less t ner grade - e powdered cost of brus ling charges	han 50 gra I making tl d material Shes, wate s, lift charg	ams/ liter of hree coats in all to s, including cost and r to site, etc., sales ges, curing etc.,
Outside sides	0	0	0	0	0	0		0
Total					0	219.04	sqm	0
Painting to new Iron work even shade over base coat cost and conveyance of all item of work. (Excluding G	of Red Oxi materials t	de prime	er thouro	ughly bru	shing the su	rface to rei	move all re	emains including
For Ventilators	0	0	0	0	0	0		0
For Main Door	0	0	0	0	0	0		0
Total					0	122.74		0

	12mm HYSD bars	463	0	0	0	463	0		C
	8mm HYSD bars	435	0	0	0	435	0		C
	Total					898	48.41	Kgs	43,472
	Supplying and fixing of 75 rand fixing all special such a requirement, fixing with Placonveyance of all materials No. 1302 1319 & 1326) (Ex	s plain ben /C clamps i s to site, lal	ids, off s f necess bour cha	ets, door ary with r	bends, si equired r	ngle junction number of B	ns, double j ombay nail	unctions a s including	as per site g cost and
	for all internal connections of toilets	1	9	0	0	9	0		C
	Total					9	89.1	rmt	802
	conveyance of all materials	•		rges etc.c	ompiete	tor tinisnea	item of wo	rk at all fl	oor levels. (APSS
	No. 1302 1319 & 1326) (Ex	•		rges etc.c	ompiete	tor tinisnea	item of wo	rk at all fl	oor levels. (APSS
	<u>-</u>	•			-	<u> </u>	otem of wo	rk at all fl	oor levels. (APSS
- -	No. 1302 1319 & 1326) (Ex Sanitary Connections Total	cluding GS	<b>T)</b> 9	0	0	9	0 169.13	rmt	0 1,522
	No. 1302 1319 & 1326) (Ex Sanitary Connections  Total  Supplying and fixing of 90 r and fixing all special such a requirement, fixing with PV conveyance of all materials No. 1302 1319 & 1326) (Ex	nm SWR/Is plain ben/C clamps is to site, lal	PVC pipe ods, off s f necess bour cha T)	es (as per ets, door ary with r	0 ISI standa bends, sin equired recomplete	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	169.13 q.cm. Prince ns, double j ombay nail item of wo	rmt e/sudhaka unctions a s includin	1,522 ar or any ISI brand as per site g cost and
	No. 1302 1319 & 1326) (Ex Sanitary Connections Total Supplying and fixing of 90 rand fixing all special such a requirement, fixing with P\ conveyance of all materials No. 1302 1319 & 1326) (Ex Sanitary Connections	mm SWR/ Is plain ben/C clamps is to site, lal	PVC pipe ids, off s f necess	es (as per ets, door ary with r	0 ISI standa bends, sin	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 169.13 q.cm. Prince ns, double j ombay nail item of wo	rmt e/sudhaka unctions a s including rk at all flo	1,522 ar or any ISI brand as per site g cost and
	No. 1302 1319 & 1326) (Ex Sanitary Connections  Total  Supplying and fixing of 90 r and fixing all special such a requirement, fixing with Py conveyance of all materials No. 1302 1319 & 1326) (Ex	nm SWR/Is plain ben/C clamps is to site, lal	PVC pipe ods, off s f necess bour cha T)	es (as per ets, door ary with r	0 ISI standa bends, sin equired recomplete	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	169.13 q.cm. Prince ns, double j ombay nail item of wo	rmt e/sudhaka unctions a s including rk at all flo	1,522 ar or any ISI brand as per site g cost and
	No. 1302 1319 & 1326) (Ex Sanitary Connections  Total  Supplying and fixing of 90 rand fixing all special such a requirement, fixing with P\ conveyance of all materials No. 1302 1319 & 1326) (Ex Sanitary Connections  Total  Supplying and fixing of 160 and fixing all special such a requirement, fixing with P\ conveyance of all materials	mm SWR/Is plain ben/C clamps is to site, lalcuding GS mm SWR/s plain ben/C clamps is to site, lalcuding GS	PVC pipe ds, off s our chart pipe ds, off s f necess bour chart pipe ds, off s f neces bour chart	es (as per ets, door ary with reges etc.co	O ISI standa bends, sin equired r complete 0	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 169.13 q.cm. Prince ns, double j ombay nail item of wo 141.49 Sq.cm. Prince ns, double j ombay nail	rmt e/sudhaka unctions a s including rk at all flo  rmt  ce/sudhaka unctions a s including	ar or any ISI brand as per site g cost and oor levels. (APSS
	No. 1302 1319 & 1326) (Ex Sanitary Connections  Total  Supplying and fixing of 90 mand fixing all special such a requirement, fixing with PN conveyance of all materials No. 1302 1319 & 1326) (Ex Sanitary Connections  Total  Supplying and fixing of 160 and fixing all special such a requirement, fixing with PN	mm SWR/Is plain ben/C clamps is to site, lalcuding GS mm SWR/s plain ben/C clamps is to site, lalcuding GS	PVC pipe ds, off s our chart pipe ds, off s f necess bour chart pipe ds, off s f neces bour chart	oes (as per ets, door ary with r rges etc.co	O ISI standa bends, sin equired r complete 0	9 nrds) 4 Kg/Songle junction number of B for finished  lards) 4 Kg/Songle junction number of B for finished	0 169.13 q.cm. Prince ns, double j ombay nail item of wo 141.49 Sq.cm. Prince ns, double j ombay nail	rmt e/sudhaka unctions a s including rk at all flo  rmt  ce/sudhaka unctions a s including	ar or any ISI brand as per site g cost and oor levels. (APSS

Supplying & fixing Ashirvad cost of tees, elbows, bends, in all types of soils except re	reducers, ock requiri	coupling	gs, runnin ing, refilli	g joints, i ng, chisel	union flange ling masonr	s, unions e y walls and	tc. with r	necessary excavation good the walls &
floors to the original surface materials and labour charge		_	-			_		•
CPVC Pipes for Toilets	1	15	0	0	15	0		(
for Hand wash	1	9	0	0	9	0		
Total					24	123	rmt	2,95
Supplying & fixing Ashirvad cost of tees, elbows, bends, in all types of soils except refloors to the original surface materials and labour charge	reducers, ock requiri e and fixin	couplinging blastig MS cla	gs, runnin ing, refilli mps on T	g joints, i ng, chisel W blocks	union flange ling masonr on walls inc	es, unions e y walls and luding cost	tc. with r making g and conv	necessary excavation good the walls & veyance of all
quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay its fabrication charges for fi	gregate, wing concre	ater etc. ete, curin	., to site a g, centeri	nd including, shutt	ling all oper ering etc., c	ational, inc omplete bu	idental ar	nd labour charges
for roof beams	3	3.22	0.23	0.3	0.67	0		
For Water Closet Connections	0	0	0	0	0	0		
for toilet roof beams long	2	5.88	0.23	0.3	0.81	0		
for water tank	0	0	0	0	0	0		
Total					0	193	rmt	
Total					1.48	7514.25	cum	11,12
Supplying & fixing Ashirvad	/Astral flo	w guard	for equiv					or on wall including
cost of tees, elbows, bends, in all types of soils except refloors to the original surface materials and labour charge	ock requiri e and fixin es complet	ng blasti g MS cla e for fin	ing, refilling, refilling mps on This ished iten	ng, chisel W blocks n of work	ling masonr on walls inc [41.30 mm	y walls and luding cost dia CPVC SI	making g	good the walls & reyance of all . (Excluding GST)
in all types of soils except re floors to the original surface	ock requiri e and fixin	ng blasti g MS cla	ing, refilli mps on T	ng, chisel W blocks	ling masonr on walls inc	y walls and luding cost dia CPVC SI	making g	good the walls & reyance of all

Supplying and fixing 580 to IS:2556-Part-3-1981 vand fixing 12.70mm dia 150mm alround well ab level flushing system pa all materials to site, all I work for all floorscompl seigniorage charges etc.	with P or S tra NP Push cock ove the joint i rryware, slim abour charge: lete including	p Hindw 1st qual to stop le line with s, sales a cost and	are / Parr lity , P tra eakage at internal and other I conveya	yware / I op or S tra the joint compone taxes on nce of all	Neycer with ap of Indian etc., 10 Litrents and sho all material materials to	brick maso W.C. shall k es capacity rt bend incl s etc., com o site, cost o	nry seat, ( be encased Single Flu uding cost plete for fi	CC squatting plate d on CC (1:2:4) sh white PVC low t and conveyance of inished item of
Orrisa Pan WCs	0	0	0	0	0	0		(
Total					0	1677	Nos	(
fixied with screws comp be Engineer - in - charge push cock 1st qulaity of lenght of 1st including c work for all floors (Exclu	e 12.7 mm PVO approved ma ost and conve	C connec ke includ	tion with	brass plu ly & fixing	ımber union g 31.75 m di	nuts CM Co a PVC flexib	oated. inc ole waser	luding 12.70 mm pipe of 914.40 mm
Flat back bowl urinals	0	0	0	0	0	0		(
Total					0	2647	Nos	(
550mm x 400mm with very thread conforming to IS Indian make 400 grams No.12.70mm PVC connection of the conformation of the con	:2963-1979 ar Seiko/ Esso of ection with bra	nd fitted r equival ass unio	with 15 n ent comp n nuts CP	nm nomi lete with coated,:	nal bore Chr I standard Cl 1 No.12.70m	omium Plat brackets ir nm NP bib t	ted Pillar 1 ncluding w ap 300 gm	Tap of 1st quality rooden block ,1 ns Seiko or
Flat back bowl urinals	0	0	0	0	0	0		(
Total					0	1894	Nos	
Supplying and fixing PPI materials, labour charg		-	-				-	_
Water Supply Line	0	0	0	0	0	0		
Total					0	445	Nos	
Supply and Fixing of 20 concealed in Roof Slabs complete (Excluding GS	with all requi					-	_	
In Roof Slab	0	0	0	0	0	0		
Total					0	58.38	mtr	(
Supply and fixing of 25n including masonary wor				-	•		h all requi	red accessories

In Walls	0	0	0	0	0	0		C
Total					0	71.44	mtr	
Supply and run of 2 of 3 including all labour cha	•				ited flexible	copper cab	ole in exist	ting pipe for mains
Main Board to Switch Board	0	0	0	0	0	0		
Total					0	64.93	mtr	(
Supply and run of 1 of continuity including all	•					copper cab	le in exis	ting pipe for earth
Earthing Wire	0	0	0	0	0	0		(
Total					0	18.62	mtr	(
Supply and Fixing of 16 cover plate including a						lar type wi	th MS flus	sh boxes with front
16A 3 Pin Socket	0	0	0	0	0	0		(
Total					0	434.34	Nos	
Supply and fixing SPN I DP Isolator as incomer			-	•				
Supply and fixing SPN [	and 10kA SP M	1CBs as c	outing goi	ng includ				
Supply and fixing SPN IDP Isolator as incomer	and 10kA SP M	1CBs as c	outing goi	ng includ )		connection 0	and labo	
Supply and fixing SPN I DP Isolator as incomer surface/ flush mountin Distribution Board Total	and 10kA SP Ng etc., complet	1CBs as c e. (Exclu	outing goi	ng includ	ing internal 0	0 4107.07	and labo	ur charges for
Supply and fixing SPN IDP Isolator as incomer surface/ flush mountind Distribution Board Total  Supply, Transportaton, with PF>0.9, Surge profession of the complete wire and connections.	and 10kA SP Ng etc., complet  0 and fixing of atection: 2KV,Thes including all	1CBs as content (Exclusive Conte	outing goi iding GST 0 1200mm with inbu	ng includ ) 0 length LE uilt driver d conveya	o 0 0 D retrofit tu and frosted	4107.07 be light, in cover CCT	Nos put voltag	ge AC 220 - 260 Volts
Supply and fixing SPN IDP Isolator as incomer surface/ flush mountin Distribution Board Total Supply, Transportaton, with PF>0.9, Surge prof CRI>70, .etc., complete wire and connections.	and 10kA SP Ng etc., complet  0 and fixing of atection: 2KV,Thes including all	ICBs as ce. (Exclude 1)  20W, T8, HD<10%, labour cl	outing goi iding GST 0 1200mm with inbu	ng includ ) 0 length LE uilt driver d conveya	0 0 D retrofit tu and frosted	4107.07 be light, in cover CCT naterials etc	Nos put voltag : 3000K - !	ge AC 220 - 260 Volts 5700K, minimum e with with flexible
Supply and fixing SPN IDP Isolator as incomer surface/ flush mountin  Distribution Board  Total  Supply, Transportaton, with PF>0.9, Surge profections of the complete wire and connections. Tube Light Set  Total	and 10kA SP Ng etc., complet  and fixing of 2 tection: 2KV,THes including all (Excluding GST	1CBs as control (Exclusive Contr	outing goi iding GST 0 1200mm with inbu	ng includ ) 0 length LE uilt driver d conveya	o O D retrofit to and frosted ance of all m	0 4107.07 be light, in cover CCT naterials etc.	Nos put voltage complet	ge AC 220 - 260 Volts 5700K, minimum e with with flexible
Supply and fixing SPN IDP Isolator as incomer surface/ flush mountind Distribution Board Total  Supply, Transportation, with PF>0.9, Surge profession of CRI>70, .etc., complete wire and connections.	and 10kA SP Mg etc., complet  and fixing of a tection: 2KV,THes including all (Excluding GST)  0  atten holder/ar	20W, T8, HD<10%, labour cl	1200mm with inbunarges and	ng includ ) 0 length LE uilt driver d conveya	o O D retrofit to and frosted ance of all m	0 4107.07 be light, in cover CCT naterials etc.	Nos put voltage complet	ge AC 220 - 260 Volts 5700K, minimum e with with flexible
Supply and fixing SPN IDP Isolator as incomer surface/ flush mountind Distribution Board Total  Supply, Transportaton, with PF>0.9, Surge profections. (CRI>70, .etc., complete wire and connections.)  Tube Light Set Total  Supply and Fixing of bases	and 10kA SP Mg etc., complet  and fixing of a tection: 2KV,THes including all (Excluding GST)  0  atten holder/ar	20W, T8, HD<10%, labour cl	1200mm with inbunarges and	length LE uilt driver d conveya	D retrofit to and frosted ance of all model with 7.0W	0 4107.07 be light, in cover CCT naterials etc.	Nos put voltage 3000K - ! c complet	ge AC 220 - 260 Volts 5700K, minimum e with with flexible
Supply and fixing SPN IDP Isolator as incomer surface/ flush mountind Distribution Board Total  Supply, Transportaton, with PF>0.9, Surge profections. (CRI>70, .etc., complete wire and connections.)  Tube Light Set  Total  Supply and Fixing of bacomplete. In lieu of cei	and 10kA SP Ng etc., completed and fixing of 2 tection: 2KV,Thes including all (Excluding GST 0 tection)	20W, T8, HD<10%, labour cl	1200mm with inbunarges and	length LE uilt driver d conveya	D retrofit to and frosted ance of all model with 7.0W	0 4107.07 be light, in cover CCT naterials etc.  0 867.5	Nos put voltage complet  Nos and all la	ge AC 220 - 260 Volts 5700K, minimum e with with flexible
Supply and fixing SPN IDP Isolator as incomer surface/ flush mountin  Distribution Board  Total  Supply, Transportaton, with PF>0.9, Surge profections. (CRI>70, .etc., complete wire and connections.)  Tube Light Set  Total  Supply and Fixing of bacomplete. In lieu of ceit Holders with Bulb	and 10kA SP Mg etc., complet  and fixing of a tection: 2KV,Thes including GST  (Excluding GST  otten holder/ar ling rose. (Excluding GST)	1CBs as one. (Exclusive (Exclusive)  20W, T8, HD<10%, labour classification (Color of Color o	1200mm with inbunarges and o	length LE uilt driver d conveys	D retrofit tue and frosted ance of all model with 7.0W	onnection  4107.07  be light, in cover CCT naterials etc  867.5  LED bulb  0 209.75	Nos put voltage 3000K - S complet Nos and all la	ge AC 220 - 260 Volts 5700K, minimum e with with flexible
Supply and fixing SPN IDP Isolator as incomer surface/ flush mountind Distribution Board Total  Supply, Transportaton, with PF>0.9, Surge profections. (CRI>70, .etc., complete wire and connections.)  Tube Light Set  Total  Supply and Fixing of bacomplete. In lieu of ceit Holders with Bulb  Total  Supply and transportate	and 10kA SP Mg etc., completed of the co	1CBs as one. (Exclusive (Exclusive)  20W, T8, HD<10%, labour classification (Color of Color o	1200mm with inbunarges and outing GST)  1200mm outing goi	length LE uilt driver d conveys  sting bloc	O O O O O O O O O O O O O O O O O O O	onnection  4107.07  be light, in cover CCT naterials etc  867.5  LED bulb  0 209.75	Nos put voltage 3000K - 9 c complet  Nos and all la	ge AC 220 - 260 Volts 5700K, minimum e with with flexible

Labour charges only for fixi (Excluding GST)	ng Europe	an Wate	r Closet w	ith P or	S trap as p	er standard	practice (	BMW- D.15)
for EWC	2	0	0	0	2	0		0
Total					2	264	Nos	528
Labour charges only for fixi mm nominal size C.P. Fittin standard CI brackets includ	g Pillar Tap	os compl	ete with			waste fitting	gs like rubl	ber plug, chain,32
(CERA Sanitaryware Ltd) Sure of sizes: 510-695 x 295-385 flush with all internal parts rubber buffer and cap all of conveyance of all materials and all taxes etc., as applicatin the given Photo with slig	x 520-795 of dual flu f approved and all lak able from t	mm wit sh cister make e oour cha ime to t	th S trap f n, ultra so tc. complo rges like l ime exclu	or Ground olid soft co ete for fin oading, u ding insta	d floor and later to the control of	P trap for Fi over with fit in all respec stacking etc illar or Near	rst floor T tings of ap its: White c., to schoo er to the S	oilets with dual oproved make with Coloured, cost and ol site including GST
EWC	2	0	0	0	2	0		0
Total					2	7600	Nos	15,200
(CERA Sanitaryware Ltd) Su or S trap: 580 x 440 mm Lo conveyance of all materials including GST and all taxes	ng includir and all lat	ng cost a oour cha	nd conve rges like l	yance of a oading, u	all materials nloading &	: White Co stacking etc	loured ind	cluding cost and te to school site
for toilets	0	0	0	0	0	0		0
Total					0	1336.05	Nos	0
(CERA Sanitaryware Ltd) Su internal flushing rim fixed v conveyance of all materials GST and all taxes etc., as ap	with screw and all lab	s comple oour cha	ete Indian rges like l	make co oading , ι	nforming to unloading &	IS:2556 – 1 stacking et	995 includ	ding cost and
SMALLURINALS	1	0	0	0	1	0		0
Total					1	712.72	Nos	713
(CERA Sanitaryware Ltd) Su with standard C.P. Spreade screws complete. Indian m charges like loading, unload from time to time excluding	r of overal ake : 590 ) ding & stac	l size 95 < 375 x 3 king etc	x 95 x 57 90 mm in ., complet	mm confo cluding co te to scho	orming to Isost and conv	S:2556-Part veyance of a	6, Sec-6-19 all materia	974 fixed with als and all labour
URINALS	3	0	0	0	3	0		0
Total					3	2277.07	Nos	6,831
		·	· · · · · · · · · · · · · · · · · · ·	·			· · · · · · · · · · · · · · · · · · ·	

(CERA Sanitaryware Ltd) Su conforming to IS: 2556-Part parallel pipe thread confor Ist Quality Indian make 40 make with standard CI brac conveyance of all materials including GST and all taxes	:-4:1972 w ming to IS 00 gms Sei kets includ and all la	ith wast :2963-19 iko / Sei ding woo bour cha	e fittings 179 and fit nior / Nico oden block arges like	like rubbe tted with e / Esso o k : 550 x 4 loading, l	er plug , cha 15 mm nom r equivalent 100mm – Do Jnloading &	in, 32 mm ninal bore c complete ouble C.P.Pi cstacking e	nominal si hromium of white co llar Cock i tc., compl	ze C.P. Fitting with plated Pillar tap of colour and approved including cost and ete to school site
for hand wash	4	0	0	0	4	0		0
Total					4	1478.17	Nos	5,913
or S trap: 510 x 400 mm Lo conveyance of all materials including GST and all taxes	and all lat	oour cha	rges like l	oading, u	nloading &	stacking et	c., comple	te to school site
Total					4	1185	Nos	4,740
Brick masonry in CM (1:8) waterials and all labour characterials in First Floor (Excluding Plain Cement Concrete 1:1 blasted granite machine cru	arges etc., ng GST) .5:3 Nomir	complet nal mix v	e for finis vith concr	hed item ete mixe	of work for equivalent	Superstruc	ture.[Brick	mm size (SS5) hard
Kgs of cement per 1 cum of (Sand), coarse aggregate, w shuttering, machine mixing (Excluding GST)	concrete i ater etc.,	ncluding to site ar	cost and cost of	conveya seigniora	nce of all mage charges	aterials lik on all mate	e cement, rials inclu	fine aggregate ding steel centering,
inside septic tank	1	3.29	1.67	0.15	0.82	0		0
Total					0.82	5375.25	cum	4,408
Differential Cost of Cement	(Including	GST)						
Differential Cost of Steel (Ir	ncluding G	ST)						
 Provision for GST @ 12.00%	6							
 Provision for GST	1	0	0	0	1	0		0
Total					1	49093.86	PERCENT AGE	49,094

Work Code : 202021002474 Name of the Work : Major and Minor Repairs

Administrative Sanction No : Proc.No2823010191/MBNN/2020 Technical Sanctioned : /20-21

-2021 No

Estimate Amount (in Rs.) : 2,86,272/- Work MBook Amount : 6,51,189/-

(in Rs.)

Measure ment	Description of Item	Mea	ısuremei	nt upto da	ate	Total Quantity	Rate	Units	Total Value of work done					
		No	L	В	D									
	with 100m lead as directed	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)												
	AT HM ROOM	1	1.7	0.35	2.17	1.29	0		С					
	At HM room	1	0.97	0.35	0.75	0.25	0		С					
	at kitchen shed	1	0.97	0.23	1.95	0.44	0		C					
	DEDUCT DOOR	1	1.1	0.35	2.05	-0.79	0		C					
	hm room	1	2	0.35	3.15	2.2	0		C					
	Total					3.39	262.08	cum	888					
	Dismantling, clearing away with 100m lead as directed all labour charges, overhead	by Executi	ive Engin	eer duly	taking act	tual premea	surements	before dis	mantling including					
	with 100m lead as directed	by Executi	ive Engin	eer duly	taking act	tual premea	surements	before dis	smantling including					
	with 100m lead as directed all labour charges, overhead (Excluding GST)  Dismantling Of Kadapa	by Executi	ive Engin	ofit etc.,	taking act	tual premea [Kadapa sla	surements bs or shaha 0	before dis	smantling including e slabs on sand bed]					
	with 100m lead as directed all labour charges, overhea (Excluding GST) Dismantling Of Kadapa Slabs At Room 2	by Execution and Careful by Execution	6.1  Illy stackive Engin	4.8	taking act complete  0  I materia taking act	58.56 58.56 Is for re-use	surements bs or shaha 0 6.6 and dispos surements	before disabad stone Sqm al of unse	smantling including e slabs on sand bed]  387  rviceable materials smantling including					
	with 100m lead as directed all labour charges, overhead (Excluding GST)  Dismantling Of Kadapa Slabs At Room 2  Total  Dismantling, clearing away with 100m lead as directed all labour charges, overhead	by Execution and Careful by Execution	6.1  Illy stackive Engin	4.8	taking act complete  0  I materia taking act	58.56 58.56 Is for re-use tual premea	surements bs or shaha 0 6.6 and dispos surements	before disabad stone Sqm al of unse	smantling including e slabs on sand bed]  387  rviceable materials smantling including					
	with 100m lead as directed all labour charges, overhead (Excluding GST)  Dismantling Of Kadapa Slabs At Room 2  Total  Dismantling, clearing away with 100m lead as directed all labour charges, overhead thickness] (Excluding GST)	by Execution and Careful by Execution	6.1 ully stack ive Engin	4.8  cing useful etc., of the e	taking act complete  0 I materia taking act complete	58.56 58.56 Is for re-use tual premea [Unreinford	surements bs or shaha 0 6.6 and dispos surements ed cement	Sqm sal of unse before dis	rviceable materials mantling including					
	with 100m lead as directed all labour charges, overhead (Excluding GST)  Dismantling Of Kadapa Slabs At Room 2  Total  Dismantling, clearing away with 100m lead as directed all labour charges, overhead thickness] (Excluding GST) over HM room	by Execution and Careful by Execution	6.1  Illy stack ive Engineractor pr	4.8  ding useful eer duly ofit etc., of the ear duly of the etc., of the ear duly of the etc., of the ear duly of the etc., of the etc., of the ear duly of the ear	I materia taking act	58.56 58.56 Is for re-use tual premea [Unreinford	surements bs or shaha 0 6.6 and dispos surements ed cement	Sqm sal of unse before dis	smantling including slabs on sand bed]  387  rviceable materials smantling including up to 15cm					
	with 100m lead as directed all labour charges, overhead (Excluding GST)  Dismantling Of Kadapa Slabs At Room 2  Total  Dismantling, clearing away with 100m lead as directed all labour charges, overhead thickness] (Excluding GST) over HM room over hm room	and careful dispersion	6.1  Ally stack ive Engineractor pr  8.75  8  Ally stack ive Engineractor pr	4.8  4.8  sing useful neer duly ofit etc., 3.45 5.1  sing useful neer duly	I materia complete  0 0 0 0 0 0 0 0 1 materia taking act complete	58.56 58.56 Is for re-use tual premea [Unreinford 3.55] Is for re-use tual premea grant premea g	surements bs or shaha  0  6.6  and dispos surements ed cement  0  1024.8  and dispos surements	Sqm sal of unse concrete cum sal of unse before disconcrete cum	rviceable materials up to 15cm  3,638 rviceable materials smantling including up to 15cm					

		<del>/ ( )                                  </del>	7 0 0		<del>, , , , , , , , , , , , , , , , , , , </del>			
deduct windows	1	1.2	0	1.2	-1.44	0		0
east facing of hm room	1	8	0	1.98	15.84	0		0
oldblackboards	2	2	0	1.08	4.32	0		0
Total					17.77	5.5	Sqm	98
Dismantling doors, wind Chowkhats, architraves charge etc., and overhead GST)	hold fasts an	d other a	attachme	nts etc., a	nd stacking	them with	in 100m le	ead including labour
doors	3	0	0	0	3	0		0
windows	4	0	0	0	4	0		O
Total					7	154.75	Nos	1,083
complete for finished ite Foundation of Building.( Earth Work Excavation F	APSS No. 308	_		e charges 0.2	excluding d	ewatering 0	charges et	c., complete for
Granite At Room 2 Floor								
for stage RR masnory	2	6.74	0.45	0.6	3.64	0		0
for stage RR masnory	2	5.8	0.45	0.6	3.13	0		0
for water room RR masnory	1	4.85	0.45	0.45	0.98	0		0
Total					19.46	152.88	cum	2,975
Plain Cement Concrete ( conveyance of all mater operational, incidental a finished item of work (E	ials like ceme and labour ch	nt, fine a	ggregate	(sand), co	oarse aggre	gate, water oncrete, cur	etc., to si	te and including all
deduct tree portions	2	0.55	0.55	0.07	-0.05	0		0
for flooring of stage	1	6.6	6	0.1	3.96	0		0
for RR masnory at tree gaurd	2	4.4	0.25	0.1	0.22	0		0
for RR Masnory at tree gaurd	2	1.15	0.25	0.1	0.06	0		0
for stage RR Masnory	2	6.74	0.45	0.1	0.61	0		0
for stage RR Masnory	2	5.8	0.45	0.1	0.52	0		0
for tree gaurd	0.78	1.91	1	0.1	0.15	0		0

for tree gaurd	0.78	1.91	1	0.07	0.11	0		0
for tree gaurd	1	4.42	1.64	0.07	0.54	0		0
for water room RR masnory	1	4.85	0.45	0.1	0.22	0		0
PCC For Room 1 Varandah Granite Flooring	1	6.2	3	0.15	2.79	0		0
PCC For Room 2 Granite Flooring	2	6.1	4.8	0.15	8.78	0		0
PCC For Room1 Granite Flooring	1	6.2	5	0.15	4.65	0		0
Total					22.56	3129.61	cum	70,604
Random Rubble stone mass and conveyance of all mate basement. (Excluding GST)	rials and a	Il labour	•	etc., comp	olete for fin	ished item		
for circular tree gaurd	0.63	1.91	1	0.5	0.6	0		0
for flag stage for circular type	0	0	0	0	0.64	0		0
for stage	2	6.74	0.45	0.7	4.25	0		0
for stage	2	5.8	0.45	0.7	3.65	0		0
for tree gaurds	2	4.42	0.23	0.5	1.02	0		0
for tree gaurds	2	1.18	0.23	0.5	0.27	0		0
for water room	1	4.86	0.45	0.45	0.98	0		0
Total					11.41	3516.95	cum	40,128
Plastering with CM(1:4) Pro sand, water etc., to site, inc incidental charges and labo work Over Brick Masonry. (	cluding seig ur charges	gniorage such as	charges, mixing m	sales & of ortar, fini	ther taxes o	n all mater	ials, all op	erational,
0.50 deduct window	1	1.2	0	1.2	-1.44	0		0
at room 1 to 3	1	3.05	0	0.97	2.96	0		0
at room 1 to 3	1	2.05	0	0.97	1.99	0		0
deduct column face in hm room	1	0.25	0	2.1	-0.53	0		0
deduct door	0.5	1.29	0	2.14	-1.38	0		0
for circular flag stage	0	0	0	0	0	0		0

for circular flag stage for sides	0	0	0	0	1.62	0		0
for circular flag stage top	0	0	0	0	5.65	0		0
for kitchen shed	1	3.1	0	0.4	1.24	0		0
for kitchen shed	1	3.1	0	0.4	1.24	0		0
for kitchen shed at ddoor	1	1.55	0	2.05	3.18	0		0
for kitchen shed supporting plat form	2	0.63	0	0.73	0.92	0		0
for racks in hm room	2	0.63	0	2.05	2.58	0		0
for racks in hm room	2	0.73	0	2.05	2.99	0		0
for racks in hm room	2	0.73	0	1.53	2.23	0		0
for walls in hm room	1	5.17	0	2.1	10.86	0		0
for walls in hm room	1	2.89	0	2.1	6.07	0		0
for water room	1	1.98	0	3.05	6.04	0		0
for water room	1	0.53	0	2.1	1.11	0		0
for water room	1	4.4	0	2.1	9.24	0		0
for water room	1	1.98	0	2.1	4.16	0		0
Total					60.73	234.69	sqm	14,253
Plastering with CM(1:4) Pro sand, water etc., to site, inc incidental charges and labo work Over RR Masonry. (AF	luding seig ur charges	gniorage such as	charges, mixing m	sales & o ortar, fin	ther taxes o	n all mater	ials, all op	erational,
back side of HM room	1	8	0	1.95	15.6	0		0
Total					15.6	249.61	sqm	3,894
Brick masonry in CM (1:8) v materials and all labour cha							_	-
for selfs	1	0.73	0.1	2.05	0.15	0		0
at hm room	1	2.64	0.23	2.1	1.28	0		0
at old windows	1	1.2	0.23	1.45	0.4	0		0
at old windows	1	1.08	0.23	1.97	0.49	0		0
brickwork	1	5.17	0.23	2.1	2.5	0		0
deduct window at hm room	2	1.2	0.23	1.2	-0.66	0		0
for circular flag satge	0	0	0	0	0.11	0		0

T								
for circular flag stage	0	0	0	0	0.03	0		0
for circular flag stage	0	0	0	0	0.58	0		0
for class room 1 to 3	1	3.05	0.23	0.79	0.55	0		0
for class room 1 to3	1	2.05	0.23	0.79	0.37	0		0
for kitchen shed	1	3.56	0.23	0.4	0.33	0		0
for kitchen shed	1	3.1	0.23	0.4	0.29	0		0
for kitchen shed supporting plat form	1	0.63	0.1	0.73	0.05	0		0
for selfs	1	0.63	0.1	2.05	0.13	0		0
for selfsa	1	0.73	0.1	1.53	0.11	0		0
forkitchen shed	1	1.55	0.23	2.05	0.73	0		0
Total					7.44	5151.61	cum	38,328
Supplying, fitting and placing below 36mm dia. including	overlaps a	nd wast		-	e not welde	_	-	ecifications for bars
for GATE	116	0	0	0	116	0		0
for kitchen shed	125	0	0	0	125	0		0
for sunshades	60	0	0	0	60	0		0
Total					301	48.41	Kgs	14,571
VRCC 1:1.5:3 nominal mix ( size graded machine crushed quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay its fabrication charges for fi	ed hard gra ent per 1 co gregate, w ying concre	nite met um of co rater etc ete, curir	tal (coarse ncrete inc ,, to site a lg, center	e aggrega cluding co and includ ing, shutt	te) from appost and conv ling all oper ering etc., c	proved qua reyance of a ational, inc omplete bu	rry, using all materia idental an	a minimum als like cement, fine ad labour charges
for gate column	1	0.38	0.38	4.05	0.58	0		0
for gate column	1	0.38	0.38	3.95	0.57	0		0
Total					1.15	8073.99	cum	9,285
VRCC 1:1.5:3 nominal mix ( size graded machine crushed quantity of 400 Kgs of ceme aggregate (sand), coarse ag such as machine mixing, lay its fabrication charges for for	ed hard gra ent per 1 co gregate, w ying concre	nite met um of co vater etc ete, curin m of wo	tal (coarse ncrete inc , to site a lg, center rk.[PLINTI	e aggrega cluding co and including, shutt H BEAMS	te) from ap ost and conv ling all oper ering etc., c (Excluding	proved qua eyance of a ational, inc omplete bu GST)	rry, using all materia idental an it excludir	a minimum als like cement, fine ad labour charges ag cost of steel and
for water room	1	4.85	0.23	0.23		0		0
Total					0.26	8556.99	cum	2,225

VRCC 1:1.5:3 nominal mix ( size graded machine crusho quantity of 400 Kgs of cem aggregate (sand), coarse ag such as machine mixing, la its fabrication charges for f	ed hard graent per 1 c ggregate, w ying concre	anite me um of co vater etc ete, curir	tal (coarsoncrete incontrete incontrete incontrete income income income income income income income incontrete	e aggrega cluding co and including, shutt	te) from appost and conv ling all oper ering etc., c	proved qua reyance of a ational, inc omplete bu	rry, using all materia idental an it excludin	a minimum Ils like cement, fine d labour charges
for kitchen shed inner plat	1	2	0.65	0.1	0.13	0	51)	0
Total					0.13	7541.9	cum	980
VRCC 1:1.5:3 nominal mix ( size graded machine crusho quantity of 400 Kgs of cem aggregate (sand), coarse ag such as machine mixing, la its fabrication charges for f	ed hard graent per 1 c ggregate, w ying concre	anite me um of co vater etc ete, curir	tal (coarsoncrete incomment), to site ang, center	e aggrega cluding co and including, shutt	te) from appost and conv ling all oper ering etc., c	proved qua reyance of a ational, inc omplete bu	rry, using all materia idental an it excludin	a minimum Ils like cement, fine d labour charges
Kitchen Shed-Slab1	1	3.6	4.2	0.13	1.89	0		0
Total					1.89	7310.25	cum	13,816
								a minimum
aggregate (sand), coarse ag such as machine mixing, la its fabrication charges for f	gregate, w	vater etc ete, curir	., to site a	cluding co and including, shutt	ost and conv ling all oper ering etc., c	reyance of a ational, inc omplete bu	all materia idental an it excludin	Is like cement, fine d labour charges
aggregate (sand), coarse ag such as machine mixing, la	gregate, w	vater etc ete, curir	., to site ang, center	cluding co and including, shutt	ost and conv ling all oper ering etc., c mm thick] (E	reyance of a ational, inc omplete bu	all materia idental an it excludin	Is like cement, fine d labour charges
aggregate (sand), coarse ag such as machine mixing, la its fabrication charges for f	ggregate, w ying concre inished ite	vater etc ete, curir m of wo	, to site and site an	cluding co and including, shutt ABS 150	ost and conv ling all oper ering etc., c mm thick] (E	reyance of a ational, inc omplete bu xcluding G	all materia idental an it excludin	als like cement, fine d labour charges ag cost of steel and
aggregate (sand), coarse ag such as machine mixing, la its fabrication charges for f deduct decorative holes	gregate, w ying concre inished ite	vater etc ete, curir m of wo 0.45	o, to site ang, center rk.[RCC SI 0.3	cluding co and including, shutt ABS 1501	ost and conv ling all operatering etc., c mm thick] (E -0.06	reyance of a ational, inc omplete bu excluding G	all materia idental an it excludin ST)	ols like cement, fine d labour charges ag cost of steel and
aggregate (sand), coarse ag such as machine mixing, la its fabrication charges for f deduct decorative holes deduct decorative holes	gregate, wying concre inished ite 3	vater etc ete, curir m of wo 0.45 0.3	o, to site and center rk.[RCC SI 0.3 0.1 0.3	cluding co and including, shutt ABS 150 0.15	ost and conv ling all operatering etc., c mm thick] (E -0.06	eyance of a ational, inc omplete bu excluding G	all materia idental an it excludin ST)	ols like cement, fine d labour charges ag cost of steel and
aggregate (sand), coarse ag such as machine mixing, la its fabrication charges for f deduct decorative holes deduct decorative holes deduct decorative holes	gregate, wying concre inished ite 3 2	vater etc ete, curir m of wo 0.45 0.3	o, to site and center rk.[RCC SI 0.3 0.1 0.3	cluding co and including, shutt ABS 150 0.15 0.15	ost and conviling all operatering etc., comm thick] (E -0.06 -0.01 -0.01	reyance of a ational, inc omplete bu excluding G 0	all materia idental an it excludin ST)	als like cement, fine d labour charges ag cost of steel and
aggregate (sand), coarse ag such as machine mixing, la its fabrication charges for f deduct decorative holes deduct decorative holes deduct decorative holes for arch	gregate, wying concretinished ite  3 2 1 1 Cement: fixed hard graent per 1 concrete, wying concrete, wying concrete.	orater etcete, curing m of wo 0.45 0.3 0.3 5.8 one aggreenite meanite meanite meanite etcete, curing vater etcete, curing vater etcete, curing vater etcetes and control of the control of	o, to site and center rk.[RCC SI 0.3 0.1 0.6 center coatal (coarse oncrete incomp, to site and center cente	oluding co ind including, shutt ABS 150i 0.15 0.15 0.15 0.15 cluding co ind including, shutt	ost and conviling all operatering etc., comm thick] (E -0.06 -0.01 -0.01 0.52 0.44 gate) correste) from appost and conviling all operatering etc., c	reyance of a ational, incomplete but excluding Government of a complete or a complete but eyance of a complete but omplete but eyance of a complete but omplete but expanded of a complete but eyance of a complete but omplete but expanded of a complete of	cum table 9 of rry, using all material an at excluding all material and at e	olls like cement, fine dilabour charges ag cost of steel and or oll of the steel and or oll o
aggregate (sand), coarse agsuch as machine mixing, laits fabrication charges for for deduct decorative holes deduct decorative holes deduct decorative holes for arch  Total  VRCC 1:1.5:3 nominal mix (size graded machine crushe quantity of 400 Kgs of cemaggregate (sand), coarse agsuch as machine mixing, laits as machine	gregate, wying concretinished ite  3 2 1 1 Cement: fixed hard graent per 1 concrete, wying concrete, wying concrete.	orater etcete, curing m of wo 0.45 0.3 0.3 5.8 one aggreenite meanite meanite meanite etcete, curing vater etcete, curing vater etcete, curing vater etcetes and control of the control of	o, to site and, center rk.[RCC SI 0.3 0.1 0.6 center increte i	oluding co ind including, shutt ABS 150i 0.15 0.15 0.15 0.15 cluding co ind including, shutt	ost and convoling all operatering etc., comm thick] (E -0.06 -0.01 -0.52 0.44 gate) correste) from appost and convoling all operatering etc., convoling etc., convolence of the convolence of th	reyance of a ational, incomplete but excluding Government of a complete or a complete but eyance of a complete but omplete but eyance of a complete but omplete but expanded of a complete but eyance of a complete but omplete but expanded of a complete of	cum table 9 of rry, using all material an at excluding all material and at e	olls like cement, fine dilabour charges ag cost of steel and or oll of the steel and or oll o
aggregate (sand), coarse agsuch as machine mixing, laits fabrication charges for form deduct decorative holes deduct decorative holes deduct decorative holes for arch  Total  VRCC 1:1.5:3 nominal mix (size graded machine crushed quantity of 400 Kgs of cemaggregate (sand), coarse agsuch as machine mixing, laits fabrication charges for form	gregate, wying concretinished ite  3 2 1 1 Cement: fixed hard graent per 1 concrete, wying concrete, wying concrete.	ne aggreum of wo vater etc	o, to site and, center rk.[RCC SI 0.3 0.1 0.6 regate: coastal (coarse oncrete inc., to site and, center rk.[CHAJJ	oluding co ind including, shutt ABS 150i 0.15 0.15 0.15 rse aggrega cluding co ind including, shutt AS - SUNS	ost and convoling all operatering etc., comm thick] (E -0.06 -0.01 -0.52 0.44 gate) correste) from appost and convoling all operatering etc., constant etc.	reyance of a ational, incomplete but excluding Go 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	cum table 9 of rry, using all materia idental an at excluding.	olls like cement, fine d labour charges ag cost of steel and o o o o o o o o o o o o o o o o o o o

Total					0.41	11646.99	cum	4,775
Plastering with CM 2 coat	s, 12mm thi	ck, base	coat in Cl	M (1:5), 8	mm thick ar	nd top coat	in CM (1:3	3), 4mm thick with
water proof Compound m					• • •		_	• • •
bag of cement including s complete for external wal		_		-			all labour	charges etc.,
	is [Ziiu Ciass					0	Ι	<u> </u>
at room 1 to 3	1	3.05	0	0.79	2.41	0		,
at room 1 to 3	1	2.05	0	0.79	1.62	0	1	,
at water room	1	4.86	0	2.2	10.69			
at water room	1	2.85	0	2.05	5.84	0		
at water room	1	0.78	0	2.1	1.64	0		(
deduct door	0.5	1.29	0	2.15	-1.39	0		(
deduct door	0.5	0.97	0	1.95	-0.95	0		(
deduct windows	1	1.2	0	1.2	-1.44	0	<u> </u>	(
deduct windows	1	1.2	0	1.2	-1.44	0		(
for hm room	0	8	0	0	0	0		
for hm room external	1	5.17	0	2.1	10.86	0		
for hm room external	1	3.19	0	2.1	6.7	0		(
for kitchen shed	1	3.56	0	0.4	1.42	0		(
for kitchen shed	1	3.56	0	0.4	1.42	0		1
for kitchen shed at door	1	1.55	0	2.05	3.18	0		
for tree gaurd	3.14	2.35	0	0.5	3.69	0		
for tree gaurds	1	12.1	0	0.5	6.05	0		
Total					50.3	316.03	sqm	15,89
Providing Impervious coa	to exposed	RCC roc	of slab sur	face with	CM(1:3), 20	mm thick	with 1kg o	f water proof
compound per bag of cem			_		_	-		
operational, incidental an		_	_		<u> </u>	_		d lining, curing,
rounding off junctions of	wali and slat			or finishe		ork. (Exclud	ing GST)	T
over hm room	1	8.75	3.45	0	30.19	0		
rcc slab1	1	8	5.1	0	40.8	0		
Total					70.99	338.21	<u> </u>	24,01
Supplying, fitting and place	•	-		. •	•	`	_	_
etc, cost and conveyance Sail, Visakha) (Excluding G		ais and a	ali labour	cnarges e	etc., comple	te. (make o	T material	s - TATA, Jindai,
, ,,	T 1	0	0	0	٥	0		
for windows	0	0	0	0	0	0		<u> </u>

for 1 & 2 class romm grills & Doors	190	0	0	0	190	0		0
for kitchen shed door	80	0	0	0	80	0		0
for RO Room	90	0	0	0	90	0		0
for structure of PVC tank area	200	0	0	0	200	0		0
Total					560	70.08	Kgs	39,245
Providing skirting to interna set over base coat of CM (1: kgs per sqm and jointed with of all materials like tiles, cen	5) 12 mm i h white ce	thick wit ment pa	th cemen	t slurry of d with pig	f honey like gment of ma	consistence tching shad	y spread a de to full (	nt the rate of 3.30 depth, including cost
Class Room-Room1	0	0	0	0	0	0		0
Class Room-Room2	0	0	0	0	0	0		0
Class Room-Room3	0	0	0	0	0	0		0
Class Room-Room4	0	0	0	0	0	0		0
Class Room-Room5	0	0	0	0	0	0		0
Class Room-Varandah1	0	0	0	0	0	0		0
Class Room-Varandah2	0	0	0	0	0	0		0
Class Room-Varandah3	0	0	0	0	0	0		0
Total					0	758.06	sqm	0
Flooring with high polished (1:8), 20 mm thick over CC b spread @ 3.3.kgs per sqm & depth, including cost of all n labour charges for dressing all materials (Excluding GST)	ed already jointed no naterials li of tilesetc.	y laid or eatly wit ke ceme	RCC roof th white c ent, sand	slab, inclue ement pa water and	uding neat o aste mixed v d tilesetc., c	ement slur vith pigmei omplete, in	ry of hone nt of mate icluding se	ey like consistency ching shade to full eigniorage charges,
Flooring With Granite At Room 1 Varandah	1	6.2	3	0	18.6	0		0
Flooring With Granite At Room 2	2	6.1	4.8	0	58.56	0		0
Flooring With Granite At Room1	1	6.2	5	0	31	0		0
Total					108.16	1604.54	ì	1,73,547

Gravel Filling in trenches,	sides of fou	ndations	and base	ement wit	th initial lea	d in layers i	not exceed	ding 15cm thick
consolidating each deposit and all operational, incide (Excluding GST)	= =		_	_	_	=		
back side class rooms	1	25	1.5	1.2	45	0		(
for stage	1	5.8	5.8	0.45	15.14	0		(
Gravel Filling At Ground	1	30	20	0.2	120	0		
right side of class rooms	1	7.5	1.2	0.9	8.1	0		
Total					188.24	378.5	cum	71,24
Neycer or Parryware make European water closets wi slimline with internal com charges, sales and other ta	th rubb, 10 ponents an	Litres ca d short b	pacity Sin	ngle Flush ding cost	white PVC and convey	low level fl ance of all	ushing sys materials	tem parryware, to site, all labour
For Toilet	0	0	0	0	0	0		
Total					0	2469	Nos	
 shoring, sheeting, planking excluding dewatering char blasting area		-			-	-	for finish	ed item of work
				0.3	5.4	0		
	1		3	0.3	5.4 5.4	0		
blasting area at ground	1	6	3	0.3	5.4	0	cum	7.15
blasting area at ground Total	1 t (Including	6	3				cum	7,15
blasting area at ground  Total  Differential Cost of Cemen		6 ( GST)	3		5.4	0	cum	7,15
blasting area at ground Total	ncluding G ing MS grillo of all mater	6 (GST) ST) ed door,		0.3	5.4 10.8 luding fabric	0 662.08 cation char	ges and al	l incidental charges
Differential Cost of Cemen Differential Cost of Steel (I Supplying, fitting and place etc, cost and conveyance of	ncluding G ing MS grillo of all mater	6 (GST) ST) ed door,	all labour	0.3	5.4 10.8 luding fabric	0 662.08 cation char	ges and al	l incidental charges
blasting area at ground  Total  Differential Cost of Cemen  Differential Cost of Steel (I  Supplying, fitting and place etc, cost and conveyance of Sail, Visakha) (Excluding G	including G ing MS grillo of all mater ST)	GST) ST) ed door, ials and a	all labour	0.3 , gate inc	5.4 10.8 luding fabric	662.08 cation charg	ges and al	l incidental charges s - TATA, Jindal,
blasting area at ground  Total  Differential Cost of Cemen  Differential Cost of Steel (I  Supplying, fitting and place etc, cost and conveyance of Sail, Visakha) (Excluding G  for windows	including GS grille of all materist)  260  foundation of 10m are, strutting grille in the strutting gr	GGST)  ST)  ed door, ials and a of the control of t	oll labour  Oldings in labour  Idings in labour	, gate incocharges of the control of	5.4 10.8 luding fabricetc., complete 260 260 (requiring by gall operation actors prof	662.08 cation chargete. (make of 70.08 clasting) and conal, incides it complete	ges and all f material Kgs d depositi	l incidental charges s - TATA, Jindal, 18,22 ng on bank for all ir charges such as
blasting area at ground  Total  Differential Cost of Cement Differential Cost of Steel (I Supplying, fitting and place etc, cost and conveyance of Sail, Visakha) (Excluding G for windows  Total  Earth work excavation for lifts and with an initial leads shoring, sheeting, planking	including GS grille of all materist)  260  foundation of 10m are, strutting grille in the strutting gr	GGST)  ST)  ed door, ials and a of the control of t	Idings in I 3m depth overhead 0 B(APSS	, gate incocharges of the control of	5.4 10.8 luding fabricate., complete. 260 260 (requiring by gall operation actors profluding GST)	662.08 cation chargete. (make of 70.08 clasting) and conal, incides it complete	ges and all f material Kgs d depositi	18,222 ng on bank for all or charges such as

Tot	otal					10.8	662.08	cum	7,150
Pro	ovision for GST @ 12.00%	S							
Pro	ovision for GST	1	0	0	0	1	0		0
Tot	otal					1	69770.26	PERCENT AGE	69,770

Work Code : 202021002476 Name of the Work : Drinking Water Supply

Administrative Sanction No : Proc.No2823010191/MBNN/2020 Technical Sanctioned : /20-21

-2021 No

Estimate Amount (in Rs.) : 3,51,799/- Work MBook Amount : 2,38,831/-

(in Rs.)

Date of Measure ment	Description of Item	Measurement upto date				Total Quantity	Rate	Units	Total Value of work done
		No	L	В	D				
	Earth work excavation for foperational, incidental, lab of work. [Ordinary Soil - March 2018]	our charge	s such as	s shoring,	sheeting	, planking, s			
	for hand wash area	2	3.75	0.6	0.45	2.02	0		0
	for Hnad wh area RR Masonry	1	2.5	0.6	0.45	0.68	0		0
	for pipe line form gp connection to sump	0	0	0	0	0	0		0
	for sump	1	3.3	2.5	1.45	11.96	0		0
	form ohsr to drinking water	1	9	0.3	0.6	1.62	0		0
	from driking water to ro plant	1	28	0.3	0.6	5.04	0		0
	from sump to ohsr	1	49	0.3	0.6	8.82	0		0
	Total		_			30.14	267.54	cum	8,064

Plain Cement Concrete (1:4:8					_		_	
conveyance of all materials l operational, incidental and l finished item of work (Exclud	abour cha			-		_		_
For Cistern Foundation	0	4	2.36	0.15	0	0		
for hand wash platform	0	3.75	0.45	0.15	0	0		
for sump	0	3.3	2.5	0.15	0	0		
Total					0	3258.1	cum	
VRCC 1:1.5:3 nominal mix (C size graded machine crushed quantity of 400 Kgs of cemeraggregate (sand), coarse agg such as machine mixing, laying its fabrication charges for fin	d hard grant per 1 cu gregate, w ing concre	nite met um of co ater etc. ete, curin	cal (coarse ncrete inc , to site a g, center	e aggrega cluding co and includ ing, shutt	te) from appost and conv ling all oper ering etc., c	proved qua reyance of a ational, incomplete bu	rry, using all materia idental an it excludin	a minimum Ils like cement, fin d labour charges
deduct man hole	0	0.6	0.6	0.1	0	0	.,	
for sump	0	3.03	2.2	0.1	0	0		
Total					0	7310.25	cum	
compound per bag of cemen operational, incidental and larounding off junctions of wardeduct brick pillars of	abour cha	arges for	mixing m	ortar, lay	ring, renderi	ing smooth	and threa	
· · · · · · · · · · · · · · · · · · ·			0.30	0	-0.14	0		
cistern			0.38	0	-0.14	0		
cistern deduct manhole of sump	1	0.6	0.38	0	-0.14 -0.36	0		
	1					0 0		
deduct manhole of sump	1 1 1	0.6	0.6	0	-0.36			
deduct manhole of sump for cistern area	1 1 1	0.6 3.75	0.6	0	-0.36 12.75	0	sqm	6,
deduct manhole of sump for cistern area for sump	_	0.6 3.75 3 ar reinfoi	0.6 3.4 2.2	0 0 0	-0.36 12.75 6.6 18.85 <b>as per draw</b>	0 0 338.21 ings and te	chnical sp	
deduct manhole of sump for cistern area for sump Total Supplying, fitting and placing	_	0.6 3.75 3 ar reinfoi	0.6 3.4 2.2	0 0 0	-0.36 12.75 6.6 18.85 <b>as per draw</b>	0 0 338.21 ings and te	chnical sp	
deduct manhole of sump for cistern area for sump Total Supplying, fitting and placing below 36mm dia. including of	overlaps a	0.6 3.75 3 ar reinfoi	0.6 3.4 2.2 rcement cage when	0 0 0 complete e they are	-0.36 12.75 6.6 18.85 as per draw e not welde	0 0 338.21 ings and te	chnical sp g GST)	ecifications for ba
deduct manhole of sump for cistern area for sump Total Supplying, fitting and placing below 36mm dia. including of	overlaps a	0.6 3.75 3 or reinfor and wast	0.6 3.4 2.2 rcement cage where	0 0 0 complete e they are	-0.36 12.75 6.6 18.85 as per draw e not welde 85	0 338.21 ings and te d. (Excludir 0 48.41	chnical sp g GST)	ecifications for ba
deduct manhole of sump for cistern area for sump Total Supplying, fitting and placing below 36mm dia. including of 10mm HYSD bars Total	overlaps a	0.6 3.75 3 or reinfor and wast	0.6 3.4 2.2 rcement cage where	0 0 0 complete e they are	-0.36 12.75 6.6 18.85 as per drawe not welde 85 85 an (Excluding	0 338.21 ings and te d. (Excludir 0 48.41	chnical sp g GST) Kgs	6,3 ecifications for ba

Supplying & fixing Ashirva cost of tees, elbows, bend in all types of soils except floors to the original surfa materials and labour char	s, reducers, rock requir ce and fixin	, coupling ing blast ng MS cla	gs, runnin ing, refilli mps on T	g joints, on grand property in the second pro	union flange ling masonr on walls inc	es, unions e y walls and cluding cost	tc. with no making go and conve	ecessary excavation ood the walls & eyance of all
28.60 MM OD Pipe	0	0	0	0	0	0		0
Total					0	123	rmt	0
Supplying & fixing Ashirva cost of tees, elbows, bend in all types of soils except floors to the original surfamaterials and labour charges.	s, reducers, rock requir ce and fixin	, coupling ing blast ng MS cla	gs, runnin ing, refilli mps on T	g joints, on grand property in the second pro	union flange ling masonr on walls inc	es, unions e y walls and cluding cost	tc. with no making go and conve	ecessary excavation ood the walls & eyance of all
41.30 MM OD Pipe	0	0	0	0	0	0		0
Total					0	266	rmt	0
IS 9079:2002 approved m with bolts and nuts and m enclosed and fan cooled to excluding suction/delivery requistie size for monoblo Erecting of 1 HP mono	ounted on a yupe suitab y pipe with	a commo le to ope nuts duly	on shaft o erate on 2 grouted	f high coe 30 V sing on existi	efficient squ le phase 50	irrel cage in HZ , 1440 I	nduction m	notor totally ower supply
block mator pump set								
Total					1	8175		8,175
Total  VRCC 1:1.5:3 nominal mix size graded machine crush quantity of 400 Kgs of cen aggregate (sand), coarse a such as machine mixing, laits fabrication charges for	ned hard granent per 1 congregate, was a spiring concre	anite me um of co vater etc ete, curir	tal (coarso ncrete inc ., to site a ng, center	e aggrega cluding co and including, shutt	te) from appost and conv ling all oper tering etc., c	ponding to proved qua eyance of a ational, inc omplete bu	table 9 of rry, using a all materia idental and it excludin	IS 456 using 20mm a minimum Ils like cement, fine d labour charges
VRCC 1:1.5:3 nominal mix size graded machine crush quantity of 400 Kgs of cen aggregate (sand), coarse a such as machine mixing, la	ned hard granent per 1 congregate, was a spiring concre	anite me um of co vater etc ete, curir	tal (coarso ncrete inc ., to site a ng, center rk.[RCC SI	e aggrega cluding co and including, shutt	te) from appost and conv ling all oper tering etc., c	ponding to proved qua eyance of a ational, inc omplete bu	table 9 of rry, using a all materia idental and it excludin	IS 456 using 20mm a minimum Ils like cement, fine d labour charges
VRCC 1:1.5:3 nominal mix size graded machine crush quantity of 400 Kgs of cen aggregate (sand), coarse a such as machine mixing, laits fabrication charges for	ned hard granent per 1 congregate, was a spiring concre	anite me um of co vater etc ete, curir m of wo	tal (coarso ncrete inc ., to site a ng, center rk.[RCC SI	e aggrega cluding co and including, shutt	te) from appost and conv ling all oper tering etc., c	ponding to proved qua eyance of a ational, inc omplete bu	table 9 of rry, using a all materia idental and it excludin ST)	IS 456 using 20mm a minimum Ils like cement, fine d labour charges
VRCC 1:1.5:3 nominal mix size graded machine crush quantity of 400 Kgs of cen aggregate (sand), coarse a such as machine mixing, laits fabrication charges for hand wash	ned hard granent per 1 congregate, waying concrete finished ite with bricks	anite medum of covater etc ete, curing m of wo	tal (coarse ncrete inc ., to site a ng, center rk.[RCC SI 0	e aggrega cluding co ind including, shutt ABS 150 0	ost and convious and convious all oper cering etc., comm thick] (E	ponding to proved qua reyance of a ational, inc omplete bu excluding G 0 6866.25	table 9 of rry, using a all materia idental and it excludin ST) cum	IS 456 using 20mm a minimum Ils like cement, fine d labour charges g cost of steel and  0  0  d conveyance of all
VRCC 1:1.5:3 nominal mix size graded machine crush quantity of 400 Kgs of cen aggregate (sand), coarse a such as machine mixing, laits fabrication charges for hand wash  Total  Brick masonry in CM (1:6)	ned hard granent per 1 congregate, waying concrete finished ite with bricks	anite medum of covater etc ete, curing m of wo	tal (coarse ncrete inc ., to site a ng, center rk.[RCC SI 0	e aggrega cluding co ind including, shutt ABS 150 0	te) from appost and convicing all oper tering etc., comm thick] (E	ponding to proved qua reyance of a ational, inc omplete bu excluding G 0 6866.25	table 9 of rry, using a all materia idental and it excludin ST) cum	IS 456 using 20mm a minimum Ils like cement, fine d labour charges g cost of steel and  0  0  d conveyance of all
VRCC 1:1.5:3 nominal mix size graded machine crush quantity of 400 Kgs of cen aggregate (sand), coarse a such as machine mixing, laits fabrication charges for hand wash  Total  Brick masonry in CM (1:6) materials and all labour ch	ned hard granent per 1 congregate, waying concrete finished ite with bricks	um of covater etc ete, curir m of wo of tradit	tal (coarse ncrete inc , to site a ng, center rk.[RCC SI 0 cional size e for finis	e aggrega cluding co ind including, shutt ABS 150 0 23 x 11 x hed item	te) from appost and convoling all oper tering etc., comm thick] (E	ponding to proved qua reyance of a ational, inc omplete bu excluding G 0 6866.25	table 9 of rry, using a all materia idental and it excludin ST) cum	IS 456 using 20mm a minimum Ils like cement, fine d labour charges g cost of steel and  0  0  d conveyance of all

ump  ng to walls with ISO er -in - charge of sit yer coat and neat growith white cement cluding cost and of a operational inciden pleted for work . (E cistern sides ern top area	e not less t ey cement paste mixe all materials tal and lab	han 300 slurry of ed with p s and wa our char	x 450 mm honey lik sigment of ter to wo ges such a	n / 320 mm r consiste f matchin rk site, in	m x 400 mm ency spread g shade to r cluding cost	set over bact the rate matching shall of seignion	sqm f make as ase coat 1 of 3.3 kgs hade to ma	approved by 2mm thick CM ( per sqm and atch the shade o
er -in - charge of site of coat and neat growith white cement cluding cost and of a operational incident operational incident cistern sides	e not less t ey cement paste mixe all materials tal and lab	han 300 slurry of ed with p s and wa our char ST)	x 450 mm honey lik sigment of ter to wo ges such a	n / 320 mm r consiste f matchin rk site, in	ody ceramic m x 400 mm ency spread g shade to r cluding cost	wall tiles or set over be at the rate matching sh	f make as ase coat 1 of 3.3 kgs nade to ma rage charg	2mm thick CM ( per sqm and atch the shade c ges on all materi
er -in - charge of site of coat and neat growith white cement cluding cost and of a operational incident operational incident cistern sides	e not less t ey cement paste mixe all materials tal and lab	han 300 slurry of ed with p s and wa our char ST)	x 450 mm honey lik sigment of ter to wo ges such a	n / 320 mm r consiste f matchin rk site, in	m x 400 mm ency spread g shade to r cluding cost	set over bact the rate matching shall of seignion	ase coat 1 of 3.3 kgs nade to ma	2mm thick CM ( per sqm and atch the shade o ges on all materi
npleted for work . (E cistern sides ern top area		ST)				•	``	
ern top area	1	0.2	01	0.45	3.69	0		T
•	1	2.55	1.55	0.43	3.95	0		
area or disterm	2	1.8	0	0.45	1.62	0		
		1.0	-	0.13	9.26	560.91	sam	
onal, incidental and	l labour cha	arges suc		-				_
ern brick pillars	2	0.4	0.4	0.1	0.03	0		
d wash area	2	3.75	0.6	0.1	0.45	0		
d wash area	1	2.5	0.6	0.1	0.15	0		
					0.63	3129.61	cum	
:1.5:3 nominal mix ( ded machine crusho y of 400 Kgs of cem	ed hard gra ent per 1 c	ne aggre inite met um of co	gate: coa al (coarse ncrete inc	rse aggrege aggreget	0.63 gate) corres te) from app est and conv	3129.61 ponding to proved qua eyance of a	table 9 of rry, using all materia	a minimum als like cement
	ance of all materials onal, incidental and ditem of work (Exclern brick pillars diwash area and wash area area area (sand), coarse again machine mixing, last and materials and materials and materials and machine mixing machine mixing, last and machine mixing, last and machine mixing mixing mixing machine mixing mixing machine mixing mi	ance of all materials like ceme fonal, incidental and labour cha d item of work (Excluding GST) ern brick pillars  d wash area  2 d wash area  1 :1.5:3 nominal mix (Cement: finded machine crushed hard gray y of 400 Kgs of cement per 1 crushed (sand), coarse aggregate, we machine mixing, laying concre	ance of all materials like cement, fine a conal, incidental and labour charges such item of work (Excluding GST)  ern brick pillars  d wash area  2 3.75 d wash area  1 2.5  :1.5:3 nominal mix (Cement: fine aggreated machine crushed hard granite metry of 400 Kgs of cement per 1 cum of conate (sand), coarse aggregate, water etc. a machine mixing, laying concrete, curing	ance of all materials like cement, fine aggregate fonal, incidental and labour charges such as mach ditem of work (Excluding GST)  ern brick pillars  d wash area  2 3.75 0.6  d wash area  1 2.5 0.6  etc.; 1.5:3 nominal mix (Cement: fine aggregate: coarded machine crushed hard granite metal (coarse by of 400 Kgs of cement per 1 cum of concrete income (sand), coarse aggregate, water etc., to site a smachine mixing, laying concrete, curing, centering	ance of all materials like cement, fine aggregate (sand), comonal, incidental and labour charges such as machine mixing ditem of work (Excluding GST)  ern brick pillars  2 0.4 0.4 0.1  d wash area  2 3.75 0.6 0.1  d wash area  1 2.5 0.6 0.1  etc. and a course aggregate coarse aggregate ded machine crushed hard granite metal (coarse aggregate) of 400 Kgs of cement per 1 cum of concrete including coarse (sand), coarse aggregate, water etc., to site and include machine mixing, laying concrete, curing, centering, shutter the contraction of the	ance of all materials like cement, fine aggregate (sand), coarse aggregate (onal, incidental and labour charges such as machine mixing, laying coarse ditem of work (Excluding GST)  ern brick pillars  2 0.4 0.4 0.1 0.03  d wash area  2 3.75 0.6 0.1 0.45  d wash area  1 2.5 0.6 0.1 0.15  2:1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corrested machine crushed hard granite metal (coarse aggregate) from appropriate (sand), coarse aggregate, water etc., to site and including all operate machine mixing, laying concrete, curing, centering, shuttering etc., coarse aggregate, water etc., to site and including all operate machine mixing, laying concrete, curing, centering, shuttering etc., coarse aggregate, water etc., to site and including all operate machine mixing, laying concrete, curing, centering, shuttering etc., coarse aggregate, water etc., coarse a	ance of all materials like cement, fine aggregate (sand), coarse aggregate, water fonal, incidental and labour charges such as machine mixing, laying concrete, curd item of work (Excluding GST)  ern brick pillars  2 0.4 0.4 0.1 0.03 0  d wash area  2 3.75 0.6 0.1 0.45 0  d wash area  1 2.5 0.6 0.1 0.15 0  2.5 0.6 0.1 0.63 3129.61  coarse aggregate) corresponding to a ded machine crushed hard granite metal (coarse aggregate) from approved quarty of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of a date (sand), coarse aggregate, water etc., to site and including all operational, incidents	d wash area  2 3.75 0.6 0.1 0.45 0  d wash area  1 2.5 0.6 0.1 0.15 0  2.1.5:3 nominal mix (Cement: fine aggregate: coarse aggregate) corresponding to table 9 of ided machine crushed hard granite metal (coarse aggregate) from approved quarry, using sy of 400 Kgs of cement per 1 cum of concrete including cost and conveyance of all material ate (sand), coarse aggregate, water etc., to site and including all operational, incidental and smachine mixing, laying concrete, curing, centering, shuttering etc., complete but excluding

VRCC 1:1.5:3 nominal mix size graded machine crus quantity of 400 Kgs of cer aggregate (sand), coarse such as machine mixing, l its fabrication charges for	hed hard gra ment per 1 c aggregate, w aying concre	inite me um of co vater etc ete, curir	tal (coarsoncrete inc ncrete inc ., to site ang, center	e aggrega cluding co and including, shutt	te) from appost and conviling all operations, c	proved qua reyance of a ational, inc omplete bu	rry, using all materia idental an	a minimum Ils like cement, fine d labour charges
VRCC 1:1.5:3 nominal mix size graded machine crus quantity of 400 Kgs of cer aggregate (sand), coarse such as machine mixing, l its fabrication charges for	hed hard gra ment per 1 c aggregate, w aying concre	inite me um of co vater etc ete, curir	tal (coarsoncrete inc ncrete inc ., to site ang, center	e aggrega cluding co and including, shutt	ite) from appost and conv ling all operatering etc., c	proved qua reyance of a ational, inc omplete bu	rry, using all materia idental an	a minimum Ils like cement, fine d labour charges
for ohsr beams	0	0	0	0	0	0		0
for ohsr beams	0	0	0	0	0	0		0
Total					0	7628.71	cum	0
VRCC 1:1.5:3 nominal mix size graded machine crus quantity of 400 Kgs of cer aggregate (sand), coarse such as machine mixing, l its fabrication charges for	hed hard gra ment per 1 c aggregate, w aying concre	nnite met um of co vater etc ete, curir	tal (coarso ncrete inc ., to site a ng, center	e aggrega cluding co and including, shutt	te) from appost and conv ling all operatering etc., c	oroved qua eyance of a ational, inc omplete bu	rry, using all materia idental an ıt excludin	a minimum Ils like cement, fine d labour charges
deduct manhole	1	0.6	0.6	0.1	-0.04	0		0
for cistern	1	2.59	1.55	0.1	0.4	0		0
for sump	1	3.03	2.2	0.1	0.67	0		0
 Total					1.03	7541.9	1	7,768

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 & 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 CHARGEBLE 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)

ro plant	0	0	0	0	0	0		0
Total					0	65373	Nos	0

(Livpure Pvt Ltd) Drinking water Supply System Type-III - A)DRINKING WATER SYSTEM FOR SCHOOLS WITH TDS REDUCTION REQUIRED TO 150-400 PPM FROM SOURCE WATER HAVING TDS 400-3000 ppm: TYPE- III A)DRINKING WATER SYSTEM FOR SCHOOLS WITH TDS REDUCTION REQUIRED TO 150-400 PPM FROM SOURCE WATER HAVING TDS 400-3000 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. [1] Raw water tank: Dimensions: (as shown infigure), Capacity :500 Liters, 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, 6 Nos of legs and with tie made of SS tube of size 25mm x 25mm x 1.6mm thick [2] 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/MMP, UV system with 1000 LPH capacity with SS 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 Micron 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, Ultrafine membrane (UFM-TDS) filter and booster pump to pump water to the UFM-TDS. with 5 yearswarranty, Centrifugal pump 0.5 HP with 5 years warranty, Booster pump 300 Gpd PUMP with 5 years warranty, Socket - 01No., Battery-12V-7ah[two(02) in number along with all Charging accessories] OR optimum rating., Pressure gauge, TDS meter, Treated WaterTank: [A]Dimension: (As shown in figure), Capacity: 300Liters, Shell diameter: 765mm, Height of shell: 650mm, Diameter of: 500 mm Lid (Topopening), Locking system :with Heavy SS, Top Lid Embossing letters on Tank: Nadu -Nedu2020 (B)Specifications: Tank with Lid shall be made with SS sheet of 304 grade with 1.20mm thickness (C)Stand: Height of stand: 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 [4] Water Dispenser (Size 3000mmx450mmx1200mm): [SS Sink], Government High Schools SS Water Dispenser of size 3000mm x450mm x 1200mmas 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 of SS coated Gun metal push. 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)

(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 & 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 ( $1\frac{1}{2}$ ) 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 ( $1\frac{1}{2}$ ) 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)

for the school	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)											
around the slab of cistern	2	1.55	0.1	0.23	0.07	0		0			
around the slab of cistern	2	2.35	0.1	0.23	0.11	0		0			

at taps	1	1.8	0.38	0.45	0.31	0		0
brick pillars	2	0.38	0.38	0.75	0.22	0		C
Total					0.71	5151.61	cum	3,658
VRCC 1:1.5:3 nominal mix (Co size graded machine crushed quantity of 400 Kgs of cemer aggregate (sand), coarse agg such as machine mixing, laying its fabrication charges for fin	l hard gra nt per 1 cu regate, w ng concre	nite met um of co rater etc. ete, curin	cal (coarse ncrete inc , to site a g, center	e aggrega cluding co and including, shutt	te) from appost and conv ling all opera ering etc., c	proved qua reyance of a ational, inc omplete bu	rry, using all materia idental an it excludin	a minimum Ils like cement, fine d labour charges g cost of steel and
ohsr bottom slab	0	0	0	0	0	0		
Total					0	7424.71	cum	(
aggregate (sand), coarse agg such as machine mixing, layin its fabrication charges for fin	ng concre	te, curin	g, center	ing, shutt	ering etc., c	omplete bu	ıt excludin	g cost of steel and
		_ 1	rk.[RCC SL		mm thick Fir	rst Floor] (E	xcluding G	iST)
deduct manhole	0	0	0	0	0	0		
ohsr top slab  Total	0	0	0	0	0	8090.71	0.1100	
Plain Cement Concrete 1:1.5 blasted granite machine crus Kgs of cement per 1 cum of c (Sand), coarse aggregate, wa shuttering, machine mixing, (Excluding GST)	shed met concrete i iter etc., t	al (Coars ncluding to site ar	se aggrega cost and d cost of	ate) from conveya seigniora	approved q nce of all m nge charges	luarry, usin laterials lik on all mate	g a minim e cement, rials inclu	um quantity of 400 fine aggregate ding steel centering,
deduct of pillars of cistern	2	0.38	0.38	0.15	-0.04	0		C
for cistern plat form	1	3.75	3.4	0.15	1.91	0		0
for sump	1	3.03	2.2	0.15	1	0		C
Total					2.87	5375.25	cum	15,427
Random Rubble stone masor and conveyance of all materi basement. (Excluding GST)	-		_	=		-	-	-
for cistern	2	3.75	0.45	0.45	1.52	0		(
TOT CISTCE IT								
for cistern	2	2.5	0.45	0.45	1.01	0		0

Plastering with CM 2 coats, water proof Compound man bag of cement including spocomplete for external walls	nufactured onze finish	d by repu	uted man	ufacturer: conveyan	s as approve ce of all ma	ed by engin terials and a	eering incl all labour (	harge at 1kg per 1 charges etc.,
for brick pillars of cistern	8	0.38	0	0.3	0.91	0		0
for cistern top brick masonry	2	1.8	0	0.45	1.62	0		0
for cistern brick work cistern walls	4	2.35	0	0.23	2.16	0		0
for cistern brick work side walls	4	1.55	0	0.23	1.43	0		0
for cistern top brick masonry	1	1.8	0	0.38	0.68	0		0
Total					6.8	368.57	sqm	2,506
Differential Cost of Cement	(Including	GST)						
Differential Cost of Steel (In	cluding GS	ST)						
Provision for GST @ 12.00%	ı							
Provision for GST	1	0	0	0	1	0		0
Total					1	10942.31	PERCENT AGE	10,942

Work Code : 202021002558 Name of the Work : Painting to School

Administrative Sanction No : Proc.No2823010191/MBNN/2020 Technical Sanctioned : /20-21

-2021 No

Estimate Amount (in Rs.) : 2,83,067/- Work MBook Amount : 1,62,576/-

(in Rs.)

Date of Measure ment	Description of Item	Mea	asureme	nt upto d	ate	Total Quantity	Rate	Units	Total Value of work done			
		No	L	В	D							
	Removing White wash or Colour wash by steel wire brushing and/or scraping; sand papering and preparing the ceiling and/or sloping roofs surface smooth including necessary repairs to scratches complete. (Excluding GST)											
	ALLROUND	0	0	0	0	0	0		(			

Total					0	10.21	sqm	0
Painting to New walls with than 50 grams/liter of supe making three coats in all to materials, including cost an brushes, water to site, etc., charges, lift charges, curing Floor INTERNAL Make: Asia	rior qualit give an ev d conveya sales & ot etc., com	y of apportential yen shad ince of all ther taxe plete for	roved bra e after the Il materia es, all ope finished i	nd and shoroughly ls, includi rational, i tem of w	nade over ba brushing th ing cost and incidental a	ase coat of one conveyance of conveyance of the	cement properties of all manages such	imer grade -I all loose powdered aterials, cost of th as scaffolding
internal walls	0	0	0	0	0	0		0
Total					0	121.78	sqm	0
superior quality of approve give an even shade after th conveyance of all materials & other taxes, all operation complete for finished item	oroughly k , including nal, incider	orushing cost and ntal and l	the surfa d conveya abour cha	ce to rem ince of all arges sucl	ove all loos materials, h as scaffold	e powdered cost of brus ding charges	l materials hes, wate s, lift charg	s, including cost and r to site, etc., sales ges, curing etc.,
external	0	0	0	0	0	0		0
Total					0	93.04	sqm	0
Wall art coloring to exterior animals, birds, trees etc and highest grade using standar. The surface area of work do considering 60 % voids for tools / equipment, Man por charges, curing etc., compleallied charges and including the SELECTED contractor with the selection of the second standard second se	d with the rdised ster one will be external w wer and al ete for fining g all taxes a	mes like ncils (the taken a valls and ll operati shed iter and all o	environm art work s 40 % of 50 % voic ional, inci n of work r every ot	nent/scient / designs the exter ds for inte dental and for Walls her requi	nce/space e will be furn nal wall trea ernal walls ) id labour ch s in all Floor frement in c	tc using Acraished by the ated and 50 Include colors, man powompletion of the street of the street arges.	rylic Emuls te authorit for inte ours, appl as scaffold rer, superv of the wor	sion Colours of ty / department). ernal walls ( ying machinery or ling charges, lift vision and all other ck shall be met by
Internal & external	1	77.45		0		_		0
Total					77.45	322.8	Sqm	25,001
	l		ı				l	1

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

All classes alround	0	0	0	0	0	0		0
For External Walls	1	609.85	0	1	609.85	0		0
Total					609.85	85.02	Sqm	51,849

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

For Internal Walls	1	640.62	0	1	640.62	0		0
Internal Alround	0	0	0	0	0	0		0
Total					640.62	87.03	Sqm	55,753

(Berger Paints India) Doors & 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 & 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)

For all class rooms	0	0	0	0	0	0		0
For All Class Rooms Wooden Doors And Windows	1	60.47	0	1	60.47	0		0
					60.47	00.03	C =	F 90C
Total					60.47	96.02	Sqm	5,806

(Berger Paints India) Grills a Specification: Painting to Rates quoted inclusive of a and all operational, inciden finished item of work for W and all or every other requi 3 (three) coats:1. Primary C Requirements for Enamel, S entire painting & paint Colo	Iron work will the mate tal and lab all falls in all falls in all falls from the fall falls for the falls for the talls for the talls from the tall from th	with two rials suc pour char floors, m complet oxide 2 Exterior	coats of h as paint ges such an power ion of the Ready m	ready mix s, paint a as scaffol r, supervi work sh ixed Synt	ked Synthet applying madding charge sion and all all be met be the charge	ic Enamel p chinery or t es, lift charg other allied y the SELEC el paint 2(to	paints in al cools/equi ges, curing d charges a CTED contr wo coats)	I shades Grade – I pment, Man power etc., complete for and excluding taxes act company Total Interior / Exterior					
FOR ALL FRONT WALLS	1	46.86	0	1	46.86	0		0					
Total					46.86	90.01	Sqm	4,218					
(Berger Paints India) Painting to Old walls with Single coat of acrylic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/liter of superior quality of approved brand and shade making single coat in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, , cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work for INTERNAL WALLS. (make: Berger /Asian) Colour code: Sugericing (NN Crem) -3P0237 Ceiling: white (Including GST)													
For Ceiling	1	194.74	0	1	194.74	0		0					
Total					194.74	87.03	Sqm	16,948					
 Provision for GST @ 12.00%	6												
Provision for GST	1	0	0	0	1	0		0					
Total					1	3000.1	PERCENT AGE	3,000					

Signature of Engineering Assistant

Signature of FE/AE/AEE

**Signature of Deputy Executive Engineer** 

**U SRINIVAS** 

Chereddi Naveenkumar

**Signature of Executive Engineer** 

Kandepu Kedareswara Rao