Saugaht budget proposal review - 2025-6

Voting Statement: INR 16,56,770 to be sent to Saugaht Foundation - Pre-Primary School The funds will be used to build a toilet, fund the water resource issue and build boundary wall.

Yes

No

Abstain

Notes

Date: July 14, 2025

Attendees: Aditi, Ramya, Srini, Charity, Parinidhi

Project Partner: Mr. Pandey

Background:

- Pre-primary school for tribal children aged 3–6, currently serving 50 children.
- Offers early education, nutrition, and medical care in a remote tribal area with no other nearby schools.
- School moved to a new building in April 2023.
- Asha SF funded road paving last year, creating a safe play space for the children.

Overview:

•	A. Toilet construction	Rs 1,60,000 /-
•	B-1. Deep Borewell	Rs 2,59,270/-
•	B-2. Submersible Solar Water Lifting Pump' & Water T	ankRs 2,49,600/-
•	C. Permanent Boundary Wall	Rs.9,87,900/

Discussion Points:

 We discussed the urgent need for a toilet facility and the associated water management requirements. At the time, we were awaiting clarification from Mr.
 Pandey regarding the costs related to water infrastructure—specifically the borewell, submersible solar water-lifting pump, and water tank. This information has since been received.

- Ramya shared insights from her site visit and highlighted the importance of a boundary wall, citing safety concerns for the children.
- It was agreed that we would proceed with funding the construction of the toilet initially. Depending on the final cost of the water management infrastructure, we would then consider funding the construction of a permanent boundary wall.
- Once the funds are disbursed, work will begin in September 2025 after the monsoon season ends.
- The quotation fee for the borewell and water lifting pump are from 2023 and 2018 respectively however Mr Pandey, the project partner, has assured us that the cost will not exceed the amounts quoted.

Action Items: [V] Aditi to request the finalized costs for the water management infrastructure, as well as quotations for the construction of the toilet and boundary wall.

Additional update:

Aditi spoke with Mr Pandey on 7.27.25 on the water management infrastructure. Jharkhand faces water shortages in the summer time. Currently there is a borewell which is not deepwater. For the summer months, Saugaht has to arrange for additional water resources.

In order to operate the toilet efficiently, Mr Pandey mentioned that they would need to construct a deep borewell which is much deeper than the existing borewell.

Links to resources:

1. Estimate for building a toilet

DETAILED ESTIMATE FOR TOILET AT – SAUGAHT FOUNDATION, SUDNA, MEDININAGAR DISTT. PALAMU

Sl.n	Item of works	Unit	Quantity	Rate	Amount	Remarks
1. 5.1.1	Earth work in Excavation In Foundation trenches in ordinary soil as per approved design as per direction of E/I.	M ³	4.98	151.82	756.06	
2. 5.1.1 0	Providing coarse clean send filling in plinth including remaining and watering and watering as per direction of E/I.	M ³	3.31	589.51	1951.27	
3. 5.6.3	Providing designation 75 "A" brick flat soling joint field in local sand including cost of watering as per direction of E/I.	M ³	8.92	330.34	2946.63	
4. 5.3.3	Providing P.C.C M100 with nominal mix (1:3:6) in foundation with approved quality of stone metal grade 3 as per	M ³	0.676	4961.73	3354.12	
5. 5.2.3	Providing designation 75"A" brick work in foundation and plinth with approved clean coarse sand of F.M.2to 2.5 as per direction of E/l.	M ³	5.28	5439.85	28722.40	
6. 5.2.11	Providing designation 75"A" brick work super structure as per direction of E/l.	M ³	5.21	5573.67	29038.82	
7. 5.3.1 0	Providing R.C.C M150 with nominal mix (1:2:4) in band and plinth level with approved quality of stone chips 20mm to 60mm size as per direction of E/I.	M ³	0.628	6082.45	3819.77	
8. 5.3.1 1	Providing RCC (1:2:4) work in beams roofs.	M ³	0.773	6308.87	4876.75	*
9. 5.7.3	Providing 12mm cement plaster (1:6) clean coarse sand of F.M 1.5 as per direction of E/l.	M ²	47.31	165.80	7843.99	
10. 5.8.2 4	Providing two coat of snowcem of approved shade and make over a coat of cement primer on new surface direction f E/l.	M²	47.31	109.07	5160.10	
11. 5.5.5	Reinforcement	MT	0.100	82096.54	8209.65	
12.	Door	L.S	2No.	L.S	10000.00	

Total Rs. 1,06,679.56

Add G.S.T 18% Rs. 19,202.32

Add Carriage of materials 10% Rs. 10667.95

Add Contingency 1% Rs. 1066.79

Total Rs. 1,37,616.62

Say Rs. 1,37,600.00

U. procod

Er. Umesh Prasad L.No.-MNNP/ENG/0002/2024 Nagar Nigam, Medininagar

FOUNDATION, SUDNA, MEDININAGAR DISTT.PALAMU

Item no-1. Earth work in Excavation in Foundation trenches in ordinary soil as per approved design as per direction of E/I.

2X10'0"X2'0"X2'0"= 80 cft

3X4'0"X2'0"X2'0"= 96 cft = 176cft or 4.98 M³

Item no-2. Providing coarse clean send filling in plinth including remaining and watering and watering as per direction of E/I.

2X10'0"X2'0"X0'4" = 13.32 cft

3X4'0"X2'0"X0'4" = 7.92 cft

2X4'0"X4'0"X3'0" = 96.0 cft = 117.24 cft or 3.31 M^3

Item no-3. Providing designation 75 "A" brick flat soling joint field in local sand including cost of watering as per direction of E/I.

2X10'0"X2'0" = 40 sft

3X4'0"X2'0" = 24 sft

2X4'0"X4'0" = 32 sft = 96 sft or 8.92 M²

Item no-4. Providing P.C.C M100 with nominal mix (1:3:6) in foundation with approved quality of stone metal grade 3 as per

2X10'0"X2'0"X0'4" = 13.32 cft

 $2X4'0"X4'0"X0'4" = 10.56 \text{ cft} = 23.88 \text{ or } 0.676 \text{ M}^3$

Item no.5 Providing designation 75 "A" ck work in C.M.(1:6) Foundation and Plinth as per direction of E/l.

2x10'0"x1'8"x2'0" = 66.80 cft

3x4'0"x1'8"x2'0" = 40.08 cft

2X10'0"X1'3"X2'0" = 50.0 cft

3X4'0"X1'3"X2'0" = 30.0 cft = 186.80 cft or 5.28 M³

Iten No. 6 Providing designation 75 "A" ck work in C.M.(1:6) super structur as per direction of E/l.

2x10'0"x10"x8'0" = 133.28 cft

3X4'0"X0'10"X8'0" = 79.96 cft = 213.24cft

LESS D= 2X2'6"X10"X7'0" = 29.155cft =184.08cft or 5.21 M3

Iten No. 7 Providing R.C.C M150 with nominal mix (1:2:4) in band and plinth level with approved quality of stone chips 20mm to 60mm size as per direction of E/I.

2x10'0"x10"x10" = 13.87 cft

Er. Umesh Prasad L.No.-MNNP/ENG/0002/2024 Nagar Nigam, Medinin 3X4'0"X10'0"X10'0" = 8.32 cft = 22.19cft or 0.628 M3

Item no. 8 Providing RCC (1:2:4) work in beams roofs.

1X12'0"X6'10"X0'4" = 27.30 cft

or 0.773 M³

Item no.9. Providing 12mm cement plaster (1:6) clean coarse sand of F.M 1.5 as per direction of E/l.

2X10X5'8"X12'0" = 256.08 sft

2X16'0"X8'0" = 256.08 sft

2X4x4'0" = 32.0 sft = 544.16 sft

LESS D= 2X2'6"X7'0" = 35.0 cft = 509.16 sft or 47.31 M³

Item no-10. Providing two coat of snowcem of approved shade and make over a coat of cement primer on new surface direction f E/l.

Vide qty. item no. 8 or 47.31 M²

Item no.11. Reinforcement

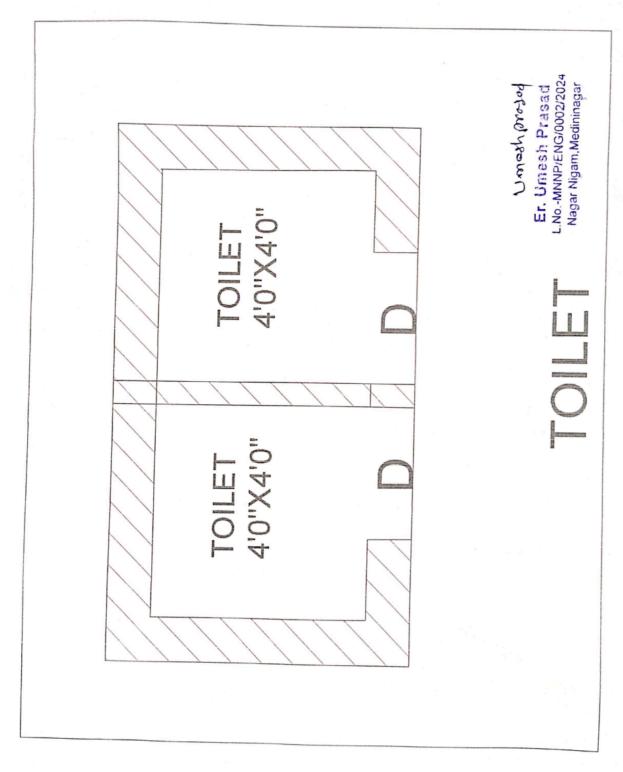
100 kg 0.100 MT

Item no.12. Door

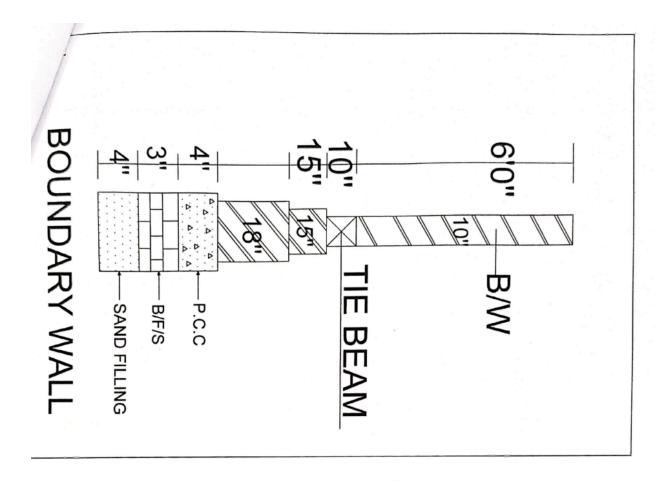
2X2'6"X7'0"=36.4X3.0kg=109.20kg

N. boosed

Er. Umesh Prasad L.No.-MNNP/ENG/0002/2024 Nagar Nigam, Medininagar



2. Estimate for building a boundary wall



บรากอะโก (อากาะสส Er. ปกาะราก Prasad L.No.-MNNP/ENG/0002/2024 Nagar Nigam,Medininagar

DETAILED ESTIMATE FOR BOUNDARY WALL AT – SAUGAHT FOUNDATION, SUDNA, MEDININAGAR DISTT. PALAMU

Item no-1. Earth work in Excavation in Foundation trenches in ordinary soil as per approved design as per direction of E/I.

238X2'0"X3'0"= 1428cft

or 40.43 M³

Item no-2. Providing coarse clean send filling in plinth including remaining and watering and watering as per direction of E/I.

238X2'0"X0'4" =157.08cft

or 4.44 M³

Item no-3. Providing designation 75 "A" brick flat soling joint field in local sand including cost of watering as per direction of E/I.

238X2'0" = 476sft or 44.23 M2

Item no-4. Providing P.C.C M100 with nominal mix (1:3:6) in foundation with approved quality of stone metal grade 3 as per

238X1'8"X0'4" = 131.16 cft or 3.74 M3

Item no.5 Providing designation 75 "A" ck work in C.M.(1:6) Foundation and Plinth as per direction of E/l.

1x238'0"x1'8"x2'0" = 794.92cft

1x238'0"x1'5"x1'6" =505.51cft

=1300.43 cft or 36.82 M3

Iten No. 6 Providing designation 75 "A" ck work in C.M.(1:6) super structur as per direction of E/l.

1x218'0"x10"x6'0" =1089.56cft or 30.50 M3

Iten No. 7 Providing R.C.C M150 with nominal mix (1:2:4) in band and plinth level with approved quality of stone chips 20mm to 60mm size as per direction of E/I.

1x238'0"x10"x6" = 165.14 cft or 4.67 M3

Item no.8. Providing 12mm cement plaster (1:6) clean coarse sand of F.M 1.5 as per direction of E/l.

2x226'0"x8'0" = 3616 sft or 336.05 M2

Item no-9. Providing two coat of snowcem of approved shade and make over a coat of cement primer on new surface direction f E/l.

Vide qty. item no. 8 or 336.05 M²

Item no.10. Reinforcement

2350 kg 2.350 MT

Item no.11. Main Gate

12'0"x6'0"

Er. Umesh Prasad L.No.-MNNP/ENG/0002/2024 Nagar Nigam, Medininagar

DETAILED ESTIMATE FOR BOUNDARY WALL AT – SAUGAHT FOUNDATION, SUDNA, MEDININAGAR

DISTT.PALAMU

Sl.n	Item of works	Unit	Quantity	Rate	Amount	Remarks
1. 5.1.1	Earth work in Excavation In Foundation trenches in ordinary soil as per approved design as per direction of E/I.	M ³	40.43	151.82	6178.51	
2. 5.1.1 0	Providing coarse clean send filling in plinth including remaining and watering and watering as per direction of E/I.	M ³	4.44	589.51	2617.42	
3. 5.6.3	Providing designation 75 "A" brick flat soling joint field in local sand including cost of watering as per direction of E/I.	M ³	44.23	330.34	14610.93	4
4. 5.3.3	Providing P.C.C M100 with nominal mix (1:3:6) in foundation with approved quality of stone metal grade 3 as per	M ³	3.74	4961.73	18556.87	
5. 5.2.3	Providing designation 75"A" brick work in foundation and plinth with approved clean coarse sand of F.M.2to 2.5 as per direction of E/l.	M ³	36.82	5439.85	200295.27	= = 1
6. 5.2.11	Providing designation 75"A" brick work super structure as per direction of E/l.	M ³	30.50	5573.67	169996.93	
7. 5.3.1 0	Providing R.C.C M150 with nominal mix (1:2:4) in band and plinth level with approved quality of stone chips 20mm to 60mm size as per direction of E/I.	M ³	4.67	6082.45	28405.04	al a
8. 5.7.3	Providing 12mm cement plaster (1:6) clean coarse sand of F.M 1.5 as per direction of E/l.	M ²	336.05	165.80	55599.47	
9. 5.8.2 4	Providing two coat of snowcem of approved shade and make over a coat of cement primer on new surface direction f E/l.	M ²	336.05	109.07	36652.97	-
10. 5.5.5	Reinforcement	MT	2.350	82096.54	192926.86	
11.	Main Gate	L.S	1No.	L.S Total Pe	40000.00	

Total Rs. 7,65,840.26

Add G.S.T 18% Rs. 1,37,851.24

Add Carriage of materials 10% Rs. 76,584.02

Add Contingency 1% Rs. 7,658.40

Total Rs. 9,87,933.92

Say Rs. 9,87,900.00

Er. Umesh Prasad
No.-MNNP/ENG/0002/2024



___Consultant Engineer =

Specialist: Planning & Designing The Structure Engineer Interious
Near Parthar Mill, Hamidganj, Medininagar, Palamau(Jharkhand)

Email: vastuhome2626@gmail.com

Licence Engineer Nagar Nigam

Contact No. - 8709821879, 9661757733

Vo.26. 20.24

Date 05-05-2014

DETAILED ESTIMATE OF BOUNDARY WALL FOR SCHOOL AT PHAKIRADIH , SAUGAHT FOUNDATION, SUDNA, MEDININAGAR DISTT.PALAMU

3. Estimate for Water Pump

GOVERNMENT OF JHARKHAND

DRINKING WATER AND SANITARY DEPARTMENT



Estimate for the work

Solar Water Supply Scheme

(2000 Litr) M/S Strucure

Panchayat-

VIII-

Block-

District-Ranchi

Estimated Amount

2,49,600/-

Estimate No.

162 of 2017-18

Executive Engineer
D.W. & S. DIVISION, RANCHI WEST, RANCHI

Government of Jharkhand Drinking Water & Sanitation Department Sub Estimate No.-3

Provision of 1 HP Solar Motor Pump set in Solar Water Supply Scheme under D.W. & S. Division

Sl.No.	Particulars	Qua	atity	Unit	Rate	Amount
1	2	3	•	4	5	6
	Provision & Installation of Solar Powered submersiable auto run & stop Pump Motor (900 Wp) of stainless steel suitable for					
	minimum 125x115mm bore well operating head 60 meter discharge rate minimum 2000				e e e e e e e e e e e e e e e e e e e	
	LPH with lowering up LPH with lowering up to 60mtrs 32mm dia UPVC schedule 80					
	Column pipe x 2.5sq.mm x 3 core flat submersible cable of 1S 694 1190	l 				
	including monol/poly crystaline PV array					
	(900 WP) mounted on steel structure for storage water tank (3M High) in a suitable	2	- 54		The same of the sa	
	direction to optimize panel uses and with sand the wind pressure upto 200 km ph &					
	making suitable arrangements to operate hand Pump manually in the same bore when		April 15 months			
	there is no solar power including 5 years warranty against defects in material &		the district factority and			
	workmanship with locking arrangement to switch board. The system should be eco-					
	friendly	8 26				
-		1.00	0	Each	180000.00	180000.00
2	installation & Fixing of Push Cock	4.00	No.	Each	320.00	1280.00

Part B (ii)

Over Head Structure & HDPE Water Tank

Main Pole		
36X36X4.8mm thick Square tube		
3Mx4 nos.@ 4.83 kg/m		57.96 kg
Base Plate		37.90 kg
280x280x12mm thick -4 nos. @94,20 kg.m	2	29.54kg
Briffner		27.5426
200x104x5 mm thick -16 nos. @39.25 kg/n	12	13.06
Branching (Hirozontal)		
40x40x3mm thick - 1.54m x 8 pc 23.48 kg/	m	42.99
Cross Branching		
40x40x3 mm thick - 1.44m x 8 pc @3.49 kg	y/m	40.20 kg
Angle		
50 x50 x 5 mm thick - 0.110m x 8 nos. @ 3	.80	3.34 kg
kg/m2		
Plate		
80x80 6 mm thick - 16 nos. 62.80 kg/m2		18.23 kg
Stiffaer		The second second
80x80x6 mm thick - 16 nos.@ 47.10 kg/m2		4.82 kg
Top Plate		
230x230x8mm thick - 4 nos. @ 62.80 kg/m	2	13.28 kg
Frame		
Sq. tube 36x36x4.8mm thick - 2.42mx8 nos.	@	79.56 kg
4.11 kg/m		
Sq tube 20x20x4 mm thick - 2.5 x 4 nos. 12.	10	21.00 kg
kg/m		
Bolt, Nuts & Washer etc.	L.S.	6.38 kg
	Total	36901 kg

	Total Part "A" + "B"	Rs.	2,49,600.00	
Size - 1.38 Mt x 0.76 M	L.S.	Rs.	1,575.00	
Platform Making				
2000 Ltrs. HDPE Tank @ 6.80 P	Li	Rs.	13,600.00	
36901 Kg	@ Rs 25/-	Rs	9,225.00	
Glavanizing the all structure				
369 01 Kg	a Rs 117.00 Kg	Rs	43,920 00	
DSR Page-2 item				
Installation & Fixing of Push Coc	ek	Rs	1,280.00	
Page 11 HP Solar Motor Set		Rs	1,80,000.00	

Azma 12/05/18

A.E.

Executive Engineer D.W. & W. Div. Ranchi West, Ranchi

4. Estimate for Deep Borewell

GOVERNMENT OF JHARKHAND

DRINKING WATER AND SANITATION DEPARTMENT

Name of the work:-Construction of 200mm x165mm x 212 M deep High Yield Drilled Tube well in Residence campus of Deputy Commission, Palamu under D.W.& S.Division Medininagar for year 2023-24.

ABSTRACT OF COST

SL.	Reference	PARTICULARS	AMOUNT
1	Sub Estimate No. 1	Construction of 200mm x165mm x 205 M deep High Yield Drilled Tube well	259270.00
		Total :	259270.00

7-63-5

12000

Technical Sanction Pro. 2,59,270 cm (TWO Lacs - Fibty nine Trousand Two hundred Seventy) only.

Executive Engineer
D. W. & S. Division
Medininagar

GOVT. OF JHARKHAND DRINKING WATER AND SANITATION DEPARTMENT

tame of the work:-Construction of 200mm x165mm x 212 M deep High Yield Drilled othe well in Residence campus of Deputy Commission, Palamu under D.W.& Division Medininagar for year 2023-24.

(Sub Estimate No:--01)

SI	Particular	quan	tity	Unit	Rate	Amount
1	NYDT: Cost of drilling 200mmX165mmX125 Mtr deep bore well in all kinds of soil and rock in rural area for installation of pump bore set with Hydraulic DTH Rig machine, all complete including supplying all materials, tools, drilling rig, Air Compressor and equipments, as well as fuel, lubricants and cost of transportation of Rig					
	machine and other vehicles up to the site. (a) 0.00m Up to 50.00m depth below G.L. In Rural Areas (DWSD 119)	50	N	P/M	847.00	42350.00
	(b) Above 50.00 m depth. In Rural Areas	162	M	P/M	884.40	143272.80
3	Supplying all tools, tackles & lowering of 200 mm dia MS ERW casing pipe of 6mm wall thickness including welding charges, cost of pipe etc. all complete job. (DWSD Item 120)	18	М	P.M	1760.00	31680.00
ţ	Supplying all materials, labour, tools & equipments for fitting & fixing 200mm dia MS cap over casing pipe complete job. (DWSD Item 120 B)	1	No	Each	242.00	242.00
				S	ub Total :	217544.80
				Add 1	18% GST :	39158.06
				S	ub Total :	256702.86
			Α	dd 1% Labo	our Cess :	2567.03
					Total:	259269.89
				5	Say Total :	259270.00



