

## BOQ

**CONSTRUCTION OF MODEL ANGANWADI CENTRE AT GADHEIBALANDA , BALANDA GP, UNDER  
LATHIKATA BLOCK  
G.P- BALANDA, BLOCK- LATHIKATA, DISTRICT- SUNDARGARH**

## CIVIL WORK

Sl. No.	DESCRIPTIONS OF ITEM	QTY	UNIT	RATE	AMOUNT
1	Earth Work in hard soil or gravelly soil within 50m. Initial Lead and 1.5m. Initial Lift including rough dressing and breaking clods to maximum 5cm. to 5cm. And Laying and Layers not exceeding 0.3m. In depth.	57.40	Cum	269.70	15,481.00
2	Supply and filling foundation and plinth with filling sand including watering and ramming and dressing and levelling the top to proper level or gradient, including cost of all labour, sundries, T&P etc., complete as per direction of the Engineer-in-charge.	41.80	Cum	588.20	24,587.00
3	Providing and Laying plain cement concrete 1:3:6 (1 cement : 3 sand : 6 stone Agregate 40mm nominal size ) As levelling coarse in foundation and plinth etc. complete all depth and height. complete as per direction of the Engineer-in-charge.	18.60	Cum	5,674.60	1,05,548.00
4	cement concrete (1:2:4) using 12 mm nominal size C.B chips including cost all materials, labours, T & P, curing etc complete (excluding the cost of reinforcement) and direction of Engineer-in-charge.				
	Ground Floor	1.50	Cum	7,281.70	10,923.00
5	Providing and Laying Fly Ash brick masonry work throughly soaked in water, with cement mortar (1:6) in (F & P) including scaffoldings ,racking out joints, curing etc complete as per specification/drawing and direction of Engineer-in-charge.	15.70	Cum	5,561.80	87,320.00
6	Providing and Laying Fly Ash brick masonry work in super structure throughly soaked in water, with cement mortar (1:6) including scaffoldings ,racking out joints, curing etc complete as per specification/drawing and direction of Engineer-in-charge.				
	Ground Floor	24.70	Cum	5,595.10	1,38,199.00
7	Providing and Laying Fly Ash brick masonry work in super structure throughly soaked in water, with cement mortar (1:4) including scaffoldings ,racking out joints, curing etc complete as per specification/drawing and direction of Engineer-in-charge.				
	Partion wall	3.00	Cum	5,813.90	17,442.00
8	Providing and Laying (R.C.C ) reinforce cement concrete ( M20 ) using 20 mm down grade Black H.G.C.B chips including cost all materials, labours, T & P, curing etc complete (excluding the cost of reinforcement) and direction of Engineer-in-charge.				
	Ground Floor	34.10	Cum	5,819.50	1,98,445.00
9	Cutting, bending , binding and placing in position of reinforcement steel (Fe550) for R.C.C work including the cost of 18 to 20 S.W.G binding wire, steel, labour tools and taxes etc. complete as per direction of the Engineer-in-charge.				
	Ground Floor	30.70	quntl	8,800.10	2,70,163.00
10	Rigid Smooth Centering & shuttering for RCC WORK including fase work and dismantaliing after Casting as direction of Engineer-in-charge.				
a)	Column base footing	12.10	Sqm	247.40	2,994.00
b)	Plinth Band	20.50	Sqm	247.40	5,072.00
c)	Lintel Band	30.40	Sqm	569.80	17,322.00
d)	Beam & Column	47.90	Sqm	1,186.60	56,838.00
e)	Roof Slab & Chajja	138.00	Sqm	754.00	1,04,052.00
11	12mm Internal cement plaster in cement mortar 1:6 including necessary scaffolding curring etc. All complete at all depth height for out side portion wall.				
	Ground Floor	129.60	SqMt	184.10	23,859.00
12	16mm Outer cement plaster in cement mortar 1:6 including necessary scaffolding curring etc. All complete at all depth height for out side portion wall.				
	Ground Floor	264.40	SqMt	266.00	70,330.00

	Providing 6mm thick cement plaster to the ceiling and R.C.C. surface with cement mortar (1:4) including cost of all materials labour T&P etc. complete.				
	Ground Floor	93.70	SqMt	207.10	19,405.00
14	Providing & fixing Vitrified Tile(Printed ) of approved size (600 mm x 600 mm )in flooring over cement plaster( 1:3,)12mm thick jointed with neat white cement slurry including cost of all material labour T & P etc complete complete as per specification/drawing and direction of Engineer-in-charge.				
	Ground Floor	69.00	SqMt	1,186.30	81,855.00
15	Fixing of Vitrified Tile (600mm x 600mm ) in dados, Skirting, & rises of steps on 12 mm thick bed of Cement mortar 1:3 ( 1 Cement :3 sand ) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles . complete as per specification/drawing and direction of Engineer-in-charge.				
	Ground Floor	7.70	SqMt	1,318.30	10,151.00
16	Fixing of Glazed Tile (20cm x 30 cm ) / (20cm x 20 cm )in spl. Plain / printed Ceramic wall Tiles of Pemimum grade having thickness 6.50 mm to 6.7 mm dados, Skirting, & rises of steps on 12 mm thick bed of Cement mortar 1:3 ( 1 Cement :3 sand ) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles . complete as per specification/drawing and direction of Engineer-in-charge.				
	Ground Floor	26.30	SqMt	980.80	25,795.00
17	Fixing of Glazed Tile (30cm x 30 cm ) / (40cm x 40 cm )in spl. Plain / printed Ceramic wall Tiles of Pemimum grade having thickness 7 mm to 8 mm dados, Skirting, & rises of steps on 12 mm thick bed of Cement mortar 1:4 ( 1 Cement :3 sand ) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles . complete as per specification/drawing and direction of Engineer-in-charge.				
	Ground Floor	3.60	SqMt	900.80	3,243.00
18	Supplying , fitting, fixing of Fixing of Industrial Vitrified Tile in Floor (30cm x 30 cm ) of Pemimum grade having thickness 7 mm to 8 mm dados, Skirting, & rises of steps on 20 mm thick bed of Cement mortar 1:4 ( 1 Cement :3 sand ) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles . complete as per specification/drawing and direction of Engineer-in-charge.				
	Ground Floor	6.30	SqMt	1,049.90	6,614.00
19	Supplying , fitting, fixing of Fixing of Industrial Vitrified Tile in dados (30cm x 30 cm ) of Pemimum grade having thickness 7 mm to 8 mm dados, Skirting, & rises of steps on 20 mm thick bed of Cement mortar 1:4 ( 1 Cement :3 sand ) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles . complete as per specification/drawing and direction of Engineer-in-charge.				
	Ground Floor	2.70	SqMt	1,181.90	3,191.00
20	Supplying , fitting, fixing of Granite Tile above 0.40 sqm in Floors , tread & step on 20 mm thick bed of Cement mortar 1:4 ( 1 Cement :4 sand ) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles . complete as per specification/drawing and direction of Engineer-in-charge.				
	Ground Floor	3.30	SqMt	2,815.90	9,292.00
21	Providing 2.50 cm thick Grading Concrete (1:2:2) on roof slab with 6 mm down grade size black HG chips for old work etc complete per 1 Sqm.				
	Ground Floor	105.10	Sq Mt	383.60	40,316.00
22	Providing Priming One to MS Door & Window including , all cost of materials,labour,T & P etc complete				
	Ground Floor	10.40	SqMt	73.30	762.00

3	Providing Painting two Coats with any approved paint in Iron works including sand paper, polishing surface all cost of materials, labour, T & P etc. complete				
	Ground Floor	10.40	SqMt	181.40	1,887.00
24	Finishing surface of wall with cement based of wall putty including, all cost of materials, labour, T & P etc. complete				
	Ground Floor	453.70	SqMt	89.60	40,652.00
25	Providing Priming One Coat wall Primer Water bound cement Primer including, all cost of materials, labour, T & P etc. complete				
	Ground Floor	453.70	SqMt	79.00	35,842.00
26	Providing & painting two coats with weather coat paints over two coats of wall putty punning to the outside surface of walls including, all cost of materials, labour, T & P etc. complete				
	Ground Floor	129.60	SqMt	95.70	12,403.00
27	Providing & painting two coats with plastic emulsion paints over two coats of wall putty punning to the inside surface of walls including, all cost of materials, labour, T & P etc. complete				
	Ground Floor	324.10	SqMt	102.60	33,253.00
28	Supplying fitting, fixing, of 32 mm thick Flush Door with Shutter with approved quality of 30 mm thick BWR Block Board Pasted with 1 mm thick sunmica on both side .all labour charges for fixing the frame in position, all tools tackets, etc. complete to the entire satisfaction of engineer-in-charge.				
		10.50	Rmt	10,775.30	1,13,141.00
29	Supplying, fitting and fixing of two Track UPVC (sliding Window with 6 mm thick glass as panel fitted with rubber biddings including locking arrangement including powder cotted and all fitting including cost of all materials, all taxes, labour, T&P etc. complete as per direction of Engineer-in-charge				
		10.44	SqMt	5,010.60	52,311.00
30	Supplying and fixing of M.S. sheets & angle welded doors & windows gril with all fitting and fixtures including cost of etc, as per direction of Engier -in -charge.				
a)	M.S Grill	99.00	KGS	57.60	5,702.00
b)	F.R.P DOOR D3	3.15	KGS	2,000.00	6,300.00
C)	WPC Choukath	26.00	R/mt	600.00	15,600.00
31	Fitting fixing, of Iron Door/windows shutter with frame of approved desgin & size including cost of material, labours, T&P etc. complete.				
	Ground Floor	7.10	SqMt	94.30	670.00
32	Providing and laying 60mm thick faciory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.				
		12.00	sqm	490.10	5,881.00
33	Providing Supplying fitting, fixing of Stainless Steel of 304 grade in hand railing using 50 mm dia. Of 2 mm thick circular Pipe with Balustrade 32 mm x 32 mm x2 mm @.90 mt C /C with all complete as per direction of the Engineer-in-charge.				
		25.00	KGS	297.10	7,428.00
					16,80,269.00
	<b>COMPOUND WALL</b>				
1	Earth Work in hard soil or gravelly soil within 50m Intial Lead and 1.5m. Initial Lift including rough dressing and breaking clods to maximum 5cm. to 5cm. And Laying and Layers not exceeding 0.3m. In depth.				
		26.40	Cum	269.70	7,120.00
2	Supply and filling foundation and plinth with filling sand including watering and ramming and dressing and levelling the top to proper level or gradient, including cost of all labour, sundries, T&P etc., complete as per direction of the Engineer-in-charge.				
		8.60	Cum	588.20	5,059.00

	Providing and Laying plain cement concrete 1: 3: 6 .( 1 cement : 3 sand : 6 stone Agregate 40mm nominal size ) As levelling coarse in foundation and plinth etc. complete all depth and height. complete as per direction of the Engineer-in-charge.	5.30	Cum	5,674.60	30,075.00
4	Providing and Laying Fly Ash brick masonry work throughly soaked in water, with cement mortar (1:6) in (F & P) including scaffoldings ,racking out joints,curing etc complete as per specification/drawing and direction of Engineer-in-charge.	11.50	Cum	5,561.80	63,961.00
5	2.50 CM Thick D.P.C cement concrete (1:2:4) using 12 mm nominal size C.B chips including cost all materials,labours,T & P,curing etc complete (excluding the cost of reinforcement) and direction of Engineer-in-charge.	20.20	Cum	369.00	7,454.00
6	Providing and Laying Fly Ash brick masonry work in super structure throughly soaked in water, with cement mortar (1:6) including scaffoldings ,racking out joints,curing etc complete as per specification/drawing and direction of Engineer-in-charge.				-
	Ground Floor	21.20	Cum	5,595.10	1,18,616.00
7	12mm Internal cement plaster in cement mortar 1:6 including necessary scaffolding curring etc. All complete at all depth height for out side portion wall.				-
	Ground Floor	129.30	SqMt	184.10	23,804.00
8	16mm Outer cement plaster in cement mortar 1:6 including necessary scaffolding curring etc. All complete at all depth height for out side portion wall.				-
	Ground Floor	94.10	SqMt	266.00	25,031.00
9	Providing Priming One Coat wall Primer Water bound cement Primer including , all cost of materials,labour,T & P etc.complete				-
	Ground Floor	223.40	SqMt	79.00	17,649.00
10	Supplying and fixing of M.S. sheets & angle welded doors & windows gril with all fitting and fixtures including cost of etc, as per direction of Engier -in -charge.				-
	M.S Grill	131.30	KGS	57.60	7,563.00
11	Fitting fixing, of Iron Door/windows shutter with frame of approved desgin & size including cost of material, labours, T&P etc. complete.				-
	Ground Floor	3.80	SqMt	94.30	358.00
12	Providing Priming One to MS Door & Window including , all cost of materials,labour,T & P etc.complete				-
	Ground Floor	3.80	SqMt	73.30	279.00
13	Providing Paintaing two Coats with any approved paint in Iron works including ,sand paper , pollishing surface all cost of materials,labour,T & P etc.complete				-
	Ground Floor	3.80	SqMt	181.40	689.00
14	Providing & painting two coats with weather coat paints over two coats of wall putty punning to the outside surface of walls including, all cost of materials,labour,T & P etc.complete				-
	Ground Floor	223.40	SqMt	95.70	21,379.00
					<b>3,29,037.00</b>
<b>SEPTIC TANK &amp; SOAK PIT</b>					
1	Earth Work in hard soil or gravelly soil within 50m. Intial Lead and 1.5m. Initial Lift including rough dressing and breaking clods to maximum 5cm.to 5cm. And Laying and Layers not exceeding 0.3m. In depth.	10.97	Cum	269.70	2,960.00

2	cement concrete (1:2:4) using 12 mm nominal size C.B chips including cost all materials,labours,T & P,curing etc complete (excluding the cost of reinforcement) and direction of Engineer-in-charge.				
		1.76	Cum	7,281.70	12,801.00
3	Rigid Smooth Centering & shuttering for RCC WORK including fase work and dismantalling after Casting as direction of Engineer-in-charge.				
a)	Column base footing	9.80	Sqm	247.40	2,426.00
4	Cutting, bending , binding and placing in position of reniforcement steel (Fe550) for R.C.C work inculding the cost of 18 to 20 S.W.G binding wire, steel, labour tools and taxes etc. complete as per direction of the Engineer-in-charge.				
	Ground Floor	1.406	quntl	8,800.10	12,377.00
5	Providing and Laying Fly Ash brick masonry work throughly soaked in water, with cement mortar (1:6) in (F & P) including scaffoldings ,racking out joints,curing etc complete as per specification/drawing and direction of Engineer-in-charge.	4.61	Cum	5,561.80	25,634.00
6	12mm Internal cement plaster in cement mortar 1:4 inculding necessary scaffolding curring etc. All complete at all depth height for out side portion wall.				
	Ground Floor	21.01	SqMt	204.30	4,293.00
					<b>60,491.00</b>
	<b>SINKING OF 125MM x 100MM DIA TUBE WELL THROUGH FAST DRILLING SOPHISTICATED RIG (DTH)</b>				
40	Supplying all Labour & T & P for drilling a perfectly vertical bore of specified dia for a specified depth below ground level through consolidated and unconsolidated rock with down the hole hammer drilling rigs or combination drilling rigs ( 650 cfm/ 2.00 psi ) as required ti suit the site condition as per the direction of Engineer-in-Charge including use of own rigs with its accessories,tools and plants and consumables etc. for lowering of 125mm dia PVC/GI pipes for housing fitted with socket and with or without well screen as per the necessaty for soft,medium,hard and boulder formation (GI/PVC casing pipes if required to prevent colllaspse of over burden is to be provided by the contractor including lowering and withdrawing after completion of the tube well)				
	00 mtr to 30.00 mtr	Mtr	30.00	680.00	20400.00
	30 mtr to 90.00 mtr	Mtr	60.00	560.00	33600.00
41	Labour for Lowering the 125mm dia PVC/G.I. pipes with or without soltted pipes as per the necessaty from ground level and fitted up in perfectly vertical position including cutting and threading pipe and soltted pipe and supplying and fixing all joints materials, tools and plants etc. complete and keeping the top of the casing pipe threaded including plugging tube wells to prevententry of foreign materials from above.	Mtr	30.00	121.00	3630.00
42	Cleanning and developing the tube well using their own compressor continuously worked till clear and adequate discharge is obtained from the tube well including supply and use of all necessary equimpent and labour as per the direction of Engineer-in- Charge	No	1.00	3622.00	3622.00
43	Cost of submersible Pump 1 HP Including all fitting and fixing in position, cost of cable wire, rope wire, HDPE, panel board etc. complete.	No	1.00	30000.00	30000.00
					<b>91,252.00</b>
	ADD FOR ELECTRIFICATION @5%				84,013.00
	ADD FOR PH & SANITARY @5%				84,013.00
	ADD FOR TRANSPARENCY BOARD				5,000.00

ADD TOWARDS COST OF SIGN BOARD AFTER COMPLETION OF WORK				5,000.00
ADD SITE DEVELOPMENT, APPROACH ROAD, PHOTOGRAPHY AND OTHER UNFORSEEN ITEMS ETC.				2,000.00
<b>TOTAL AMOUNT PUT TO TENDER</b>				<b>23,41,075.00</b>
Contingency @ 1%				23411
CGST (9%)				210697
SGST (9%)				210697
<b>G.TOTAL</b>				<b>2785880.00</b>
Limited to RS				<b>2785000.00</b>

*Mahy*

Junior Engineer/Assistant Engineer  
Lathikata Block

*[Signature]*

AEE  
Lathikata

*[Signature]*

Block Development Officer  
Lathikata Block

The tenderer are required to put their percentage of rate in the blank space given below, falling which my/our quoted rate is \_\_\_\_\_%(figure) \_\_\_\_\_(in words)

\*Less than/Excess over/Equal to the amount put to tender .

Total number of items.....	
Number of corrections.....	
Number of interpolation.....	
Number of over writing.....	
E.M.D. Furnished/E.M.D. Exempted	
(A)Demand Draft No.....	
(B)Amount RS.....	
Copy PAN card furnished/not furnished	
Copy of GST Registration furnished/not furnished	
Copy of contractor Licence:furnished/not furnished	
Copy of Experience certificate:furnished/not furnished	
Total No. of sheets in the Tender Paper.....	

(Full Signature Of Contractor)

*[Signature]*

Signature of the Bidder/Tenderer

Block Development Officer  
Lathikata Block