

Bill of Quantity

56

Bairagi Nodal UPS, Nandipada (Class Room-16.20 lakhs and Boundary-13.50 lakhs)

Sl	Description of Items	Unit	Quantity	Rate	In words	Amount
1	2	3	4	5		6
1	Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth and making it fit for laying concrete and depositing the excavated materials away from the work site with all leads and lifts including dewatering if necessary from foundation complete as directed by Engineer-in-Charge.	One Cubic Meter	187.22	182.77	Rupees One Hundred Eighty Two And Seventy Seven Paise Only	34217.55
2	Filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty of materials with labour and T&P required for the work.	One Cubic Meter	94.94	454.83	Rupees Four Hundred Fifty Four And Eighty Three Paise Only	43182.84
3	Cement concrete of proportion (1:3:6) with 40mm & down graded size hand broken H.G. metal for foundation concrete approved quality from approved quarry including hoisting, lowering and laying concrete to the required level ramming, watering, curing etc. complete including cost, conveyance & royalty of materials with all labour charges.	One Cubic Meter	45.21	4477.50	Rupees Four Thousand Four Hundred Seventy Seven And Fifty Paise Only	202415.72
4	CC (1:2:4) by using 12 mm size cbhg chips including all cost etc complete	One Cubic Meter	2.97	5808.20	Rupees Five Thousand Eight Hundred Eight And Twenty Paise Only	17257.34
5	Brick work with Fly Ash Bricks in cement mortar (1:6) in F & P of size 9"x5"x3" having crushing strength not less than 75 kg/cm <sup>2</sup> with dimensional tolerance ± 8% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance & royalty of materials with labour charges etc complete in all respect.	One Cubic Meter	53.30	4059.40	Rupees Four Thousand Fifty Nine And Forty Paise Only	216369.52
6	Brick work with Fly Ash Bricks in cement mortar (1:6) in <b>Superstructure</b> of size 9"x5"x3" having crushing strength not less than 75 kg/cm <sup>2</sup> with dimensional tolerance ± 8% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance & royalty of materials with labour charges etc complete in all respect.	One Cubic Meter	115.90	4097.38	Rupees Four Thousand Ninety Seven And Thirty Eight Paise Only	474876.56
7	Fly ash Brick Masonry(1:6) in 1st floor for parapet wall including all cost, etc complete.	One Cubic Meter	5.00	4354.38	Rupees Four Thousand Three Hundred Fifty Four And Thirty Eight Paise Only	21762.02
8	RCC M-20 work with cement concrete with crushed granite 20mm down grade course aggregate of approved quality mixing by concrete mixer including hoisting, lowering and laying the concrete in position to proper slope and level and compacting by Vibrators in layers .not exceeding 0.15m depth including watering, curing for required period 28 days, centering & shuttering and finishing exposed surface smooth providing grooves wherever necessary including cost, conveyance, royalty and other taxes of all materials					
a	Column Base	One Cubic Meter	24.38	4878.07	Rupees Four Thousand Eight Hundred Seventy Eight And Seven Paise Only	118929.57
b	Column & Beam	One Cubic Meter	16.77	10461.87	Rupees Ten Thousand Four Hundred Sixty One And Eighty Seven Paise Only	175470.75

c	(C-2)Column for 1st floor	One Cubic Meter	0.38	11690.06	Rupees Eleven Thousand Six Hundred Ninety And Six Paise Only	4448.32
d	Plinth Beam	One Cubic Meter	21.06	4726.51	Rupees Four Thousand Seven Hundred Twenty Six And Fifty One Paise Only	99532.05
e	Lintel Band	One Cubic Meter	2.84	8379.95	Rupees Eight Thousand Three Hundred Seventy Nine And Ninety Five Paise Only	23817.38
f	Chhaja	One Square Meter	14.27	758.51	Rupees Seven Hundred Fifty Eight And Fifty One Paise Only	10820.72
g	Slab	One Cubic Meter	16.74	8936.51	Rupees Eight Thousand Nine Hundred Thirty Six And Fifty One Paise Only	149636.32
9	Straightening bent up or coiled M.S. rod or HYSD steel (Fe- 415), cutting, bending, cranking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grids, hoisting, lowering and placing in proper position as required for RCC works including cost, conveyance and taxes of M.S. rod or HYSD steel and binding wires of 18 to 20 gauge and labour charges required for the work etc complete	One Quintal	67.23	6072.30	Rupees Six Thousand Seventy Two And Thirty Paise Only	408212.68
10	16mm (3/4") thick cement plaster (1:6) finishing smooth to inside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete.	One Square Meter	522.44	182.50	Rupees One Hundred Ninety Two And Fifty Paise Only	119816.85
	(B)For parapet Both side	One Square Meter	54.31	197.30	Rupees One Hundred Ninety Seven And Thirty Paise Only	10715.86
11	12mm thick cement plaster (1:6) finishing smooth to Outside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete.	One Square Meter	701.83	135.10	Rupees One Hundred Thirty Five And Ten Paise Only	94817.53
12	6 mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slurry treatment including punning including cost, conveyance & royalty of materials.	One Square Meter	170.23	150.60	Rupees One Hundred Fifty And Sixty Paise Only	25636.08
13	20mm. thick cement plaster grading in c.m. 1:4 including cost, conveyance and royalty of materials curing etc. complete.	One Square Meter	134.12	213.30	Rupees Two Hundred Thirteen And Thirty Paise Only	28607.33
14	Supplying, fitting & fixing of stainless steel of 304 grade in hand railing using 50mm. Dia of 2mm. thick circular pipe with Balustrade of size 32mm.x32mm. x2mm @ 0.90m.C/C and stainless square pipe bracing of size 32mm.x32mm.x2mm. in 3 rows in stair case as per approved design and specification, buffing, polishing etc. with cost, conveyance, taxes of all materials labour T & P etc. required for the completion in all respect.	One Running Meter	9.15	3454.70	Rupees Three Thousand Four Hundred Fifty Four And Seventy Paise Only	31597.87
15	Supplying, fitting and fixing vitrified tiles in floors, treads or steps of size 600mm x 600mm of approved make conforming to IS: 13755 laid on 20mm thick cement mortar (1:4) (1 cement : 4 coarse sand) and filling joints with white cement of approved quality including cost, of materials, labour T&P etc required for the work all complete as per direction of Engineer-in-Charge (For New work Only)	One Square Meter	122.33	1035.30	Rupees One Thousand Thirty Five And Thirty Paise Only	126845.67

16	Supplying, fitting and fixing steel angle iron door & window with steel angle iron frame manufactured from standard rolled steel angle section of 40mmx40mmx6mm size with corners of the frame duly mattered and electrically welded with fishtale hold fasts made out of MS flat size 200mmx50mmx30mm wide and 5mm thick welded to the frame @ 6 nos per frame with 10mm dia MS round bar to be welded at the day with MS hinges of size 100mm 14SWG thick @ 3 nos and 15mm size 1 no. for single & double leaf shutter, aldrops staple and tower bolt hinges duly welded to the frame with one coat of anti corrosive red oxide zinc chrome primer including cost, conveyance, taxes of all materials with all labour charges for the work.	One Kilogram	532.00	86.30	Rupees Eighty Six And Thirty Paise Only	45911.60
17	Painting two coats with any approved synthetic enamel paint of approved quality shade and make over a coat of priming to new wood work/ iron work including cost of the primer and paint, sand papering polishing the surface with cost, conveyance, royalty, taxes with all labour charges.	One Square Meter	41.81	188.90	Rupees One Hundred Eighty Eight And Ninety Paise Only	7896.96
18	Finishing walls with water proofing cement paint to exterior surface of wall with approved shade with two coats to give an even shade including cost of paint and cost of all labour with T&P.	One Square Meter	973.82	33.60	Rupees Thirty Three And Sixty Paise Only	32720.43
19	Wall painting with two coats weather coat paint of approved shade on new work to give an even shade including cost of paint.	One Square Meter	574.98	70.00	Rupees Seventy Only	40248.89
					<b>Total</b>	<b>2565566.42</b>
					Limited to	<b>2565566.00</b>

Approved 19 items only

GST cost in 12% & labour cess 1% will be add at the time of agreement.

*Huan*  
3-5-21  
Asst Executive Engineer  
Hatadihi

*Jed*  
3-5-21  
Block Development Officer  
Hatadihi

*06/05/2021*  
Executive Engineer  
DRDA,Keonjhar

My / our quoted rate is \_\_\_\_\_ % (both in figure and words) excess over / less than / equal to the above estimated cost.

**NOTES:**

1. The contractor should not write any thing excepting quoting of percentage and in case anything else regarding tender rate is mentioned, the tender is liable for rejection.
2. Strike out which is not applicable.
3. Percentage should be quoted up to 2 (two) digits after the decimal point.
4. Rate of all items are inclusive of cost, carriage, royalty and other taxes of material.

Tenderer

No. of Correction: .....

No. of over writing: .....

No. of interpolation: .....