

Bill Of Quantity

Subarneswar High School, Sulan (Class Room , Toilet ,Science lab and Boundary Wall)

Amount Put to Tender			3720854.00		
Class of Contractor			"B and C"		
Cost of Tender Paper			6000.00		
Time required for completion			6 (six) calendar Month		
Sl	Description of Items	Unit	Quantity	Rate	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	180.28	193.45	34874.87
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	180.59	501.39	90544.43
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	50.52	4988.50	252033.27
4	CC (1:2:4) by using 12 mm size dbhg chips including all cost etc complete	One Cubic Meter	10.52	6489.10	68243.26
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 ² 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	81.13	4268.60	346298.69
6	Brick work with Fly Ash Bricks in cement mortar (1:6) in Superstructure of size 9"x5"x3" having crushing strength not less than 75 kg/cm ² 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	96.30	4306.53	414722.73
7	Fly ash Brck Massonry(1:6) in 1st floor for parapet wall including all cost,etc complete.	One Cubic Meter	7.57	4577.07	34652.88
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	17.67	5522.29	97604.03
b	Column & Beam	One Cubic Meter	18.48	11319.87	209241.44
c	(C-2)Column for 1st floor	One Cubic Meter	1.01	12595.80	12710.27
d	Plinth Beam	One Cubic Meter	17.70	5883.18	104161.18
e	Lintel Band	One Cubic Meter	5.81	9114.03	52937.83
f	Chhaja	One Square Meter	19.54	812.49	15879.83
g	Slab	One Cubic Meter	30.28	9704.13	293810.67
9	Straightening bent up or coiled M.S. rod or HYSD steel (Fe-415), cutting, bending, cracking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grills, 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	79.18	8362.22	662136.24
10	18mm (¾") 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	545.88	208.40	113762.31
	(B)For parapet Both side	One Square Meter	81.95	216.70	17758.97
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	463.46	148.90	68082.91
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	308.19	163.20	50296.53
13	Grading work with 6mm size cbg chips, etc.	One Square Meter	185.81	316.30	58771.25
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	One Running Meter	19.34	3466.00	67020.60

15	Supplying, fitting and fixing verified 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 qual	One Square Meter	181.13	1064.46	192800.17
16	Supplying, fitting and fixing Ceramic Floor tiles 30cmx30cm / 40cmx40cm 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 m	One Square Meter	42.41	923.32	39157.25
17	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 fishtail hold fasts made out of MS flat size 200mmx50mmx3mm 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, aldop 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	One Kilogram	1071.72	86.30	92489.68
18	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	82.06	196.40	16117.23
19	Priming 1 coat with any approved Primer for Plaster Surface	One Square Meter	1078.77	61.60	66451.98
20	Finishing wall surface of walls with Acrylic wall putty (Water based) of	One Square Meter	586.97	72.90	42790.42
21	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	622.77	72.50	45150.95
22	Wall painting two coats on new work with plastic emulsion paint of approved	One Square Meter	587	78.10	45842.69
23	Fixing chequered tiles in floors, treads or steps and landings on 25 mm thick	One Square Meter	7	846.60	6234.75
24	Fixing colour Glazed tiles in wall on 12 mm thick cement plaster(1:3) jointed	One Square Meter	108	726.20	78278.84
25	Suppling fitting fixing of Side hung Aluminium door with fully prelaminated 9mm thick board with all taxes complete.	One Square Meter	5.38	5575.5	29996.19
Total					3720854.33
Limited To					3720854.00

GST cost in 18%, labour cess 1% and Q.C 1% will be add at the time of agreement

Asst Executive Engineer
Hatadihi

Block Development Officer
Hatadihi

Addl. Executive Officer (Technical)
Zilla Parishad ,Keonjhar

TO BE FILLED BY THE TENDERER

1) My/Our quoted rate is (both in figure and words)

	In figure	In words
Equal to Estimate Cost	%	
Excess in Percentage	%	
Less in Percentage	%	

Notes:-

- 1) The tenderer should quote the percentage up to 2(two) digits after the decimal point .
- 2) The Tenderers should quoted their percentage only inside the space provided for the purpose. And in case anything else regarding tender rate is mentioned, the tender is liable for rejection
- 3) The percentage quoted at any other place will not be taken in to consideration.
- 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.....



Asst Exe. Engineer
Hatadihi Block



Block Dev. Officer
Hatadihi Block



Addl. Executive Officer (Tech.)
ZP,Keonjhar