

BILL OF QUANTITY(BOQ)

Name of the work: -Construction of Science Laboratory, Toilet and Drinking water facility at Janamangal High School-Dimbo, Dimbo G.P		Amount put to tender:Rs 17,39,923/-			
		Class of contractor: D&C			
		Cost of Tender Paper : Rs.6,000/-			
		Time of Completion: 06 Calender Months			
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	87.93	182.77	16070.14
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	97.75	366.83	35858.23
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	32.90	4406.70	144991.87
4	CC (1:2:4) by using 12 mm size cbhg chipps including all cost etc complete	One Cubic Meter	5.57	5734.70	31946.80
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 \pm 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	28.24	4160.30	117468.49
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 \pm 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	46.00	4198.26	193116.17

7	Fly ash Brick Massonry(1:6) in 1st floor for parapet wall including all cost,etc complete.	One Cubic Meter	5.14	4455.26	22881.53
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	7.79	4802.96	37411.64
b	Column & Beam	One Cubic Meter	13.38	10386.76	138963.47
c	(C-2)Column for 1st floor	One Cubic Meter	0.40	11614.95	4591.62
d	Plinth Beam	One Cubic Meter	6.59	4802.96	31672.39
e	Lintal Band	One Cubic Meter	2.65	8304.84	22025.30
f	Chhaja	One Square Meter	13.37	753.81	10076.10
g	Slab	One Cubic Meter	21.48	8861.40	190379.13
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	52.17	6065.39	316454.53
10	16mm (5/8") 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	206.05	201.20	41457.70
	(B)For parapet Both side	One Square Meter	55.86	209.10	11679.64
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	280.95	142.40	40007.89

12	6 mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slury treatment including punning including cost, conveyance & royalty of materials.	One Square Meter	211.52	154.10	32595.09
13	20mm. thick cement plaster grading in c.m. 1:4 including cost conveyance and royalty of materials curing etc. complete.	One Square Meter	148.27	223.30	33108.54
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	7.32	3454.70	25278.29
15	Supplying ,fitting and fixing vertrified 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 course sand) and filling joints with white cement of approved qual	One Square Meter	116.48	1027.48	119678.17
16	Supplying ,fitting and fixing Ceramic Floor tyles 30cmx30cm / 40cmx40cm of approved make conforming to IS: 13755 laid on 20mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with white cement of approved quality including cost of m	One Square Meter	11.15	874.69	9751.09
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 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, aldrop 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	660.50	86.30	57001.15
18	Painting two coats with any approved synthetic enamale 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	51.21	188.90	9673.78
19	Supplying,fitting & fixing of GI pipe in hand railing using 50mm. Dia of 2mm. thick circular pipe etc. with cost, conveyance, taxes of all materials labour T & P etc. required for the completion in all respect.	Per One Rmt	6.10	333.00	2030.49

20	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	75.06	33.60	2521.88
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	589.03	70.00	41231.93
					1739923.04
				Limited to	1739923.00

(Rupees Seventeen Lakhs Thirty Nine Thousand Nine Hundred Twenty Three)only

Tender schedule for the project:-Construction of Science Laboratory, Toilet and Drinking water facility at Janamangal High School-Dimbo, Dimbo G.P under OMBADC ,Sadar Block Keonjhar is approved for Rs. 17,39,923.00(Rupees Seventeen Lakhs Thirty Nine Thousand Nine Hundred Twenty Three)only with 21(Twenty one) items only.

G.S.T cost is 12%(CGST6%+SGST%) & with Labour welfare cess 1% will be added at the time of of agreement.

[Signature]
07/05/2021
Asst. Executive Engineer
Sadar Block Keonjhar

[Signature]
07/05/21
Block Development Officer
Sadar Block Keonjhar

[Signature]
07/05/2021
Executive Engineer
DRDA, Keonjhar

My /Our quoted rate is ----- % Excess/Less/Equal
to the corresponding estimate rate
(Write both in words and Figures)

NOTES:-

1. The Contractor should not write anything except quoting of percentage, excess/less/equal to the amount to Tender and in any case any thing else regarding tender rate is mentioned, the Tender is liable for rejection.
2. Strike out which are not applicable.
3. Percentage quoted by the contractor shall be accurately filled in figure and words, so that there is no discrepancy.
4. If any discrepancy is found in the percentage quoted in words and figures then the percentage quoted by the contractor in words shall be taken as correct.
5. The percentage quoted in the tender will out mentioning excess or less will be treated as excess.
6. The contractor should write percentage excess or less up to two decimal point only. If he/her writes the percentage excess or less more than two decimal points it will be treated as cancelled.

Signature of the Contractor
with address.