

*Double Cover System*  
*Cover-I (Tech Bid), Cover-II (Price Bid)*

### BILL OF QUANTITY(BOQ)

<b>Name of the work: -Construction of ACR , Toilet and Drinking water facility ,Science Laboratory at Raisuan High School-Raisuan,Raisuan G.P</b>	<b>Amount put to tender:Rs 60,24,169/-</b>
	<b>Class of contractor: B&amp;A</b>
	<b>Cost of Tender Paper : Rs.10,000/-</b>
	<b>Time of Completion: 06 Calender Months</b>

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-	One Cubic Meter	269.95	182.77	49338.80
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	334.19	366.83	122589.61
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	113.26	4406.70	499123.07
4	CC (1:2:4) by using 12 mm size cbhg chipps including all cost etc complete	One Cubic Meter	16.32	5734.70	93561.97
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	One Cubic Meter	89.23	4160.30	371218.61
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	One Cubic Meter	131.09	4198.26	550353.89
7	Fly ash Brick Massonry(1.6) in 1st floor for parapet wall including all cost,etc complete.	One Cubic Meter	19.98	4455.26	89024.27

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	26.89	4802.96	129160.14
b	Column & Beam	One Cubic Meter	48.10	10386.76	499556.64
c	(C-2)Column for 1st floor	One Cubic Meter	1.57	11614.95	18194.60
d	Plinth Beam	One Cubic Meter	21.91	4651.40	101927.15
e	Lintal Band	One Cubic Meter	10.51	8304.84	87281.48
f	Chhaja	One Square Meter	53.13	753.81	40051.00
g	Slab	One Cubic Meter	75.03	8861.40	664914.31
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	189.36	6065.39	1148538.27
10	16mm (3/8") 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	672.25	201.20	135256.41

	(B)For parapet Both side	One Square Meter	217.61	209.10	45501.54
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	804.02	142.40	114492.57
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	782.28	154.10	120549.02
13	20mm. thick cement plaster grading in c.m. 1:4 including cost conveyance and royalty of materials curing etc. complete.	One Square Meter	577.20	223.30	128887.99
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	29.27	3454.70	101113.17
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	One Square Meter	499.03	1027.48	512738.70
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	2228.50	86.30	192319.55

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	171.61	188.90	32417.04
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	2310.80	70.00	161755.94
					<b>6024169.18</b>
					<b>6024169.00</b>

**(Rupees Sixty Lakhs Twenty Four Thousand One Hundred Sixty Nine)only**

Bill of Quantity (BOQ) for the project:-Construction of ACR , Toilet and Drinking water facility ,Science Laboratory at Raisuan High School-Raisuan,Raisuan G.P under OMBADC ,Sadar Block Keonjhar is approved for Rs. 60,24,169.00(Rupees Sixty Lakhs Twenty Four Thousand One Hundred Sixty Nine)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]*  
11/06/2021  
Asst. Executive Engineer (I/C)  
Sadar Block Keonjhar

*[Signature]*  
11/06/2021  
Block Development Officer  
Sadar Block Keonjhar

*[Signature]*  
11/06/2021  
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.