

### Bill of Quantity

#### CONST. OF SCIENCE LAB, ADDL.CLASS ROOM,TOILET & BOUNDARY WALL AT JUBAJYOTI HIGH SCHOOL, PURUNIA.

Amount put to Tender :		₹ 68,62,150.00			
EMD :					
Cost of Tender Paper :		₹ 10,000.00			
Class of Contractor :		B' class only			
Rate of Sale of Tender Paper :					
Rate of Receipt of Tender Paper :					
Date of Opening of Tender :					
Date 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	313.40	195.40	61238.36
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	380.33	462.00	175712.46
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	91.58	3807.40	348681.69
4	CC (1:2:4) by using 12 mm size cbhg chipps including all cost etc complete	One Cubic Meter	17.46	6091.60	106359.34
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 splay 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	151.78	4371.80	663551.80
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 <sup>2</sup> with dimensional tolerance ± 8% including splay 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	210.86	4405.10	928859.39
7	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				
#	Column Base	One Cubic Meter	53.20	5052.61	268798.85

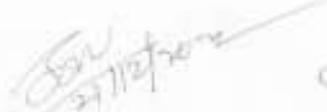
b	Column & Beam	One Cubic Meter	23.61	10856.70	256326.69
c	Plinth Beam	One Cubic Meter	21.07	5430.39	114418.32
d	Lintel Band	One Cubic Meter	8.00	8817.50	70540.00
e	Chhaja	One Square	52.51	772.50	40563.98
f	Slab	One Cubic Meter	50.83	9023.10	458544.17
8	Straightening bent up or coiled M.S. rod or HYSD 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	157.91	8733.30	1379075.40
9	2.5cm grading concrete (1:2:2) on roof slab with 6mm chips for the work etc complete.	One Square Meter	341.96	307.10	105015.92
10	15mm (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	1522.41	205.40	312703.01
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	526.28	144.10	75836.95
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	892.99	127.00	113409.73
13	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	34.12	3354.10	114441.89
14	Supplying, fitting and fixing vetrified 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	106.23	1180.40	125393.89
15	supplying fitting and fixing Vetrified tile in rises of steps, dados & skirting on 12mm thick cement plaster (1:3)	One Square Meter	29.77	1278.40	38057.97
16	supplying fitting and fixing chequered tile in floors on 25mm thick bed of cement mortar (1:3)	One Square Meter	36.24	824.10	29865.38
17	supplying fitting and fixing Granite tile in floors on 25mm thick bed of cement mortar (1:1)	One Square Meter	15.61	2313.70	36116.86
18	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 fishtails 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, aldrip staple and tower bolt hinges duly welded to the frame with one coat of anti corrosive red.	One Kilogram	1985.00	113.21	224728.98
19	Finishing wall surface with acrylic putty new plaster surface	One Square Meter	1373.17	118.20	162308.69
20	Supplying and applying of primer over putty surface	One Square Meter	2467.04	59.00	145555.36
21	Cement wash 2 coat over new plaster work outer side surface	One Square Meter	526.26	22.90	12051.35

22	Supplying and applying of plastic immersion paint over f inner side finishing area	One Square Meter	1567.04	78.80	123482.75
23	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	132.16	197.60	26113.83
24	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	1426.27	90.80	129505.04
25	Cost of Aluminium sliding shutter including cost, conveyance, taxes of all materials with all labour charges for the work.	One Square Meter	31.59	5547.10	178391.89
26	Supplying and Fixing of Fiber Door for Toilet including cost, conveyance, taxes of all materials with all labour charges for the work.	Nos.	4.00	2600.00	10400.00
27	Black board at both side short walls (12'X4' size)	Nos.	7.00	3000.00	21000.00
28	Cost of Display board with Paintings.	Nos.	1.00	5000.00	5000.00
					6862149.95
				Say	6862150.00

Approved 28 items only

GST cost in 18% will be add at the time of agreement.

  
Asst Executive Engineer  
Anandapur

  
Addl. Ex. Officer (Tech.)  
ZP, Keonjhar

  
Block Development Officer  
Anandapur

**TO BE FILLED BY THE TENDERER**

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

Equal to Estimate Cost

Excess in Percentage

Less in Percentage

in Figure	In words
%	
%	
%	

**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before tendering .
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.

  
Block Development Officer  
Anandapur Block

Addl. Ex. Officer (Tech.)  
Zilla Parishad, Keonjhar