

## BILL OF QUANTITY (BOQ)

NAME OF THE WORK: - Construction of Additional Class room ,Toilet & Science Lab at Dhakotha High School.

Amount put to Tender	:	Rs. 35,26,888.00
EMD	:	Exempted vide letter no 5984 dt. 27.04.2021 of Works Deptt.
Class of Contractor	:	C' & B' class only
Cost of Tender Paper	:	Rs.6000.00
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. no.	Item of Work	Quantity	Unit	Rate	Amount
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 . as per direction of Engineer-in-charge.	201.52	cum	182.80	36838.00
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxces of materials cost of all labour with T&P etc. complete. as per direction of Engineer-in-charge.	121.17	cum	366.84	44450.00
3	P.C.C (1:3:6) in foundation and plinth using 40mm H.G.C.B metal including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	55.78	cum	4393.28	245057.00
4	P.C.C (1:2:4) in foundation and plinth using 12mm H.G.C.B chips including cost, conveyance, royalty etc complete as per the direction of Engineer incharge.	19.74	cum	5729.27	113096.00
5	R.C.C. work of M-20 grade with 20mm downgraded H.G.C.B chips including cost of conveyance, royalty ( excluding cost of centering & shuttering ) etc complete as per the direction of Engineer incharge.	67.92	cum	4672.42	317351.00
6	Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete				
a.	Column Footing & Plinth Beam	162.50	Sqm	101.05	16421.00

b.	Column & Wall Beam	77.64	Sqm	716.99	55667.00
c.	Lintel & Sill band	30.03	Sqm	267.40	8030.00
d.	Chajja & Roof slab	176.26	Sqm	421.04	74213.00
7	R.C.C. work of M-20 grade with 20mm downgraded H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of Engineer incharge.				
a.	Column Footing	11.23	cum	4823.99	54173.00
b.	Plinth beam	3.26	cum	5177.65	16879.00
c.	Column & Wall Beam	8.91	cum	10408.37	92739.00
d.	Lintel & Sill band	2.33	cum	8416.09	19609.00
e.	Chajja & Roof slab	15.91	cum	8882.80	141325.00
8	Cost of M.S.Rod with Straightening, cutting, bending, binding of M.S rod or Tor steel, tying up the grills and placing in position including cost of binding wire with all cost of labours, materials, conveyance, taxes etc completed in all respect as per the direction of Engineer in charge.	106.12	Qntl	6479.06	687558.00
9	Fly ash brick massonary with cement mortar (1:6) in foundation and plinth including cost, conveyance, royalty, taxes of all materials, all labourT & P sundries etc complete as per direction of Engineer in charge.	73.18	Cum	4139.04	302895.00
10	Brick work with Fly ash brick with cement mortar (1:6) in superstructure including cost, conveyance, royalty, taxes of all materials, all labourT & P sundries etc complete as per direction of Engineer in charge.	82.40	Cum	4176.99	344184.00
11	2.5cm thick Grading Concrete with CC(1:2:2) on Roof Slab with 6.7mm size Hard Broken Granite Chips (HGCB) for new work including all cost etc complete.	155.98	Sqm	283.95	44291.00
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. etc as per direction of Engineer-in-charge	107.33	Sqm	142.83	15330.00
13	12 mm thick cement plaster in C.M.(1:6) in external surface of wall including cost, conveyance etc as per direction of Engineer-in-charge	331.62	Sqm	133.82	44377.00
14	12 mm thick cement plaster in C.M.(1:4) in external surface of wall including cost, conveyance etc as per direction of Engineer-in-charge	16.59	Sqm	152.62	2532.00
15	16 mm thick cement plaster in C.M.(1:6) in internal surface of wall including cost, conveyance etc as per direction of Engineer-in-charge	463.77	Sqm	190.97	88566.00

16	Providing 20 mm thick grading plaster in C.M.(1:4) over roof slab including all cost of labours, materials, conveyance, royalty, curing all etc as per direction of Engineer-in-charge.	110.07	Sqm	211.16	23242.00
17	Fixing tiles (vetrifed tiles 600mm x 600mm) in floors, treads or steps and landing on 20mm thicks bed of CM(1:4) jointed with neat cement slury mixed with pigment to match the shade of the tiles including rubing and polishing with cost conveyance of all materials etc complete.	262.34	Sqm	1311.93	344172.00
18	Fixing of vetrified tiles and marbles in dadosand risers of steps on 12mm thick cement plaster (1:3) with neat cement slurry mixed with pigment to match the shade of the tile including rubbing and polishing with cost of all materials, conveyance etc complete.	18.77	Sqm	1421.19	26676.00
19	Fixing tiles (Cement Chequered Tiles) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete.	23.22	Sqm	485.32	11269.00
20	Fixing wall/floor with Glazed tiles over 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigment to match the shade of tiles etc all complete	40.13	Sqm	728.13	29220.00
21	Fixing Granite Stone (above 0.4 sqm to 1.0 sqm) on the surface of Experiment tale on 25 mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigment to match the shades of the tiles incl. rubbing and polishing complete incl. cost of stone etc all complete.	20.06	Sqm	2489.88	49947.00
22	25mm thick A.S flooring with C.C (1:2:4) including punning using 12mm size H.G.C.B chips including cost, conveyence, royalties, taxes etc of all materials, costs of all labour sundries T& P etc complete as per direction of Engineer in charge.	1.21	Sqm	295.01	357.00
23	Manufacturing, supplying, fitting and fixing M.S. doors, windows & frame made out of ( 35mmx35mmx6mm) size M.S. angle iron of approved design including cost, conveyance, taxes with all lbour charges required for the work etc as per direction of Engineer in charge.	1262.83	KG	134.09	169333.00
24	Finishing wall surface of walls with Acrylic wall Putty (Water Based ) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	191.86	Sqm	102.88	19739.00

25	Priming one coat with any approved water bound cement primer over plaster surface including all cost of labour, materials & taxes etc complete as per direction of Engineer in charge.	182.64	Sqm	59.08	10790.00
26	Wall Painting 2 coat with Plastic Emulsion Paint of approved shade on new work to give an even shade including cost of labour, materials & taxes etc complete as per direction of Engineer in charge.	474.25	Sqm	79.30	37608.00
27	Finishing wall with weather coat painting (two coats) of approved shade over a coat of primer on new work to give an even shade including all cost of labour, materials & taxes etc complete as per direction of Engineer in charge.	140.07	Sqm	72.85	10204.00
28	Cement washing 1 coat with shell lime on slacked & cement including all cost, taxes etc complete as per direction of Engineer in charge.	69.26	Sqm	14.18	982.00
29	Finishing wall with water proof cement paint of approved shade on new work (two coats) to give an even shade including cost of cement paint, including all cost, taxes etc complete as per direction of Engineer in charge.	69.26	Sqm	36.15	2504.00
30	Painting two coats of enamel paint over one coats of priming with any approved paint & primer over new wood work / iron work with all cost, of materials and labour, T & P etc as per direction of Engineer in charge.	104.67	Sqm	203.15	21264.00
31	Const. of a Display Board with painting.	1.00	Nos	4000.00	4000.00

Total Rs. 35,26,888.00

N.B : LABOUR CESS 1% WILL BE ADDED & RECOVERED AT THE TIME OF PREPARING THE BILL.

TOTAL 31 (Thirty One) NOS ITEM ONLY

Approved for 31 (Thirty One) items only

Assistant Engineer  
Anandapur Block

Executive Engineer  
DRDA Keonjhar

06/5/2021

**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.

Executive Engineer  
DRDA Keonjhar

  
Block Development Officer  
Anandapur Block