

**BILL OF QUANTITY (BOQ)**

**NAME OF THE WORK: - Construction of Additional class room, Science Lab, Boundary Wall at -Kundulai High School, Belabahali.. for the year 2020-21**

Amount put to Tender : Rs. 31,53,677.00  
 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  
 Date required for completion : 6(Six) calender 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	229.43	cum	182.80	41940.00
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	95.11	cum	366.84	34890.00
3	C.C (1:3:6) using 40 mm hg metal in foundation with 40 mm size hand Broken metal including cost, conveyance, royalty etc complete as per direction of Engineer-in-charge	52.24	Cum	4393.28	229505.00
4	CC(1:2:4) with using 12mm size CB chips including cost, conveyance & royalty etc complete	8.60	Cum	5729.27	49272.00
5	RCC(1:1.5:3) with using 12mm CBHG chips	32.96	Cum	6387.50	210532.00
6	RCC M20 grade with 20mm and down graded black hard granite crusher broken chips including hosting and laying	33.96	Cum	4672.42	158675.00
7	RCC M20 grade with 20mm and down graded black hard granite crusher broken chips including hosting and laying				
	(A) Column foundation & Plinth	11.23	cum	4823.99	54173.00
	Plinth band	3.26	cum	5177.65	16879.00
	Lintel	2.34	cum	8416.09	19694.00
	Column	8.91	cum	10408.37	92739.00
	Slab	14.95	cum	8882.80	132798.00
	Chajja	0.97	cum	8882.80	8616.00

	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 requires per direction of Engineer-in-charge	97.22	Qntl	6479.06	629894.00
9	Rigid & smooth centring and shuttering				
	(A) Column foundation & Plinth	152.93	Sqm	101.05	15454.00
	(B) Column & beam	120.87	Sqm	716.99	86663.00
	(C) Lintel	14.44	Sqm	267.40	3861.00
	(D) Chajja & Roof slab	78.90	Sqm	421.04	33220.00
10	Fly ash.Brick masonry in cement mortar (1;6) in F/P including cost ,conveyance etc as per direction of Engineer-in-charge .	52.29	Cum	4139.04	216430.00
11	Fly ash.Brick masonry in cement mortar (1;6) in Superstructure including cost ,conveyance etc as per direction of Engineer-in-charge .	109.76	Cum	4176.99	458466.00
12	2.5cm thick grading concrete with CC(1:2:2)using 6mm size CB chips including all cost etc complete.	77.99	sqm	283.95	22145.00
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	96.14	Sqm	133.82	12865.00
14	Supplying fitting &fixing of M.S.Grill for Window including all cost of material & Laour charges as per direction of Engineer-in-charge.	867.60	Kg	134.09	116336.00
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	852.66	Sqm	190.97	162832.00
16	6mm 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.	107.33	Sqm	142.83	15330.00
17	Finishing wall surface with Acrylic wall putty( water based of approved make and finished smooth and even to receive paintin including cost of scaffolding etc complete	324.60	Sqm	71.38	23170.00
18	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc. complete as per the direction of Engineer-in-Charge.	364.80	Sqm	79.30	28929.00
19	Finishing out side wall surface with Weather Coat (I.S.I) two coats with any approved shade overhead coat of priming including cost of all materials and	665.79	Sqm	72.85	48503.00
20	Fixing of chequered tiles in floors or steps and landing on 25mm thick bed of CM(1:4) jointed with neat cement slurry mixedwith pigment to match the shade of the tile including rubbing and polishing compl.	11.61	Sqm	485.32	5635.00

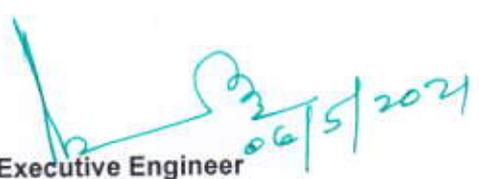
	Fixing of vetrified tiles and marbles in floors treads of steps and landing on 25mm thick bed of CM(1:1) jointed with neat cement slurry mixedwith pigment to match the shade of the tile including rubbing and polishing compl	78.5	Sqm	1311.93	102987.00
22	Fixing of vetrified tiles and marbles in dados and riser of steps on 12mm thick CP (1:3) jointed with neat cement slurry mixedwith pigment to match the shade of the tile including rubbing and polishing compl	13.85	Sqm	1421.19	19683.00
23	Painting 2-coats over a coat of primer including cost of primer and paint etc complete.	64.38	sqm	203.15	13079.00
24	Finishing walls with acrylic wall putty (Water based)	95.93	sqm	102.88	9869.00
25	Priming one coat over plaster surface with water bound cement primer with cost of all materials	91.32	sqm	59.08	5395.00
26	Fixing granite stone (above 0.4sqm to 1.0 sqm) on the surface of experiment tale on 25mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete	20.07	Sqm	2489.98	49974.00
27	20 mm thick grading plaster in CM (1:4) to roof slab	110.08	Sqm	211.16	23244.00
28	Construction of display board with painting	1.00	Nos	4000.00	4000.00
<b>Total</b>					<b>3153677.00</b>

**N.B : Labour Cess 1% will be added and recovered while preparing the bill for payment.**

**TOTAL 28 (Twenty Eight ) NOS ITEM ONLY**

**Approved for 28 (Twenty Eight ) items only**

  
Assistant Engineer  
Anandapur Block

  
Executive Engineer  
DRDA 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 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 quoted 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**