

D.C.

BILL OF QUANTITY (BOQ)

NAME OF THE WORK: - Construction of Additional class room, Science Lab ,Boundary Wall and Toilet at - Jhadeswar HS.. for the year 2020-21

Amount put to Tender	:	Rs. 55,19,819.00
EMD	:	Exempted vide letter no 5984 dt. 27.04.2021 of works deptt.
Class of Contractor	:	B' & A' class only
Cost of Tender Paper	:	Rs. 10,000.00 Rs. 6000.00 (Ten thousand) only
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	371.45	cum	182.80	67901.00
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	167.33	cum	366.84	61383.00
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	86.74	Cum	4393.28	381073.00
4	CC(1:2:4) with using 12mm size CB chips including cost, conveyance & royalty etc complete	28.34	Cum	5729.27	162368.00
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	101.88	Cum	4672.42	476026.00
7	RCC M20 grade with 20mm and down graded black hard granite crusher broken chips including hosting and laying				
	Column Base	11.23	cum	4823.99	54173.00
	Grade beam	3.26	cum	5177.65	16879.00
	Column up to grade beam	8.91	cum	10408.37	92739.00
	Lintel	2.34	cum	8416.09	19694.00
	Chajja	0.97	cum	8882.80	8616.00
	Slab	14.95	cum	8882.80	132798.00
	Waist slab		cum	11588.32	0.00

	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 as per direction of Engineer-in-charge	163.77	Qntl	6479.06	1061076.00
9	Rigid & smooth centring and shuttering				
	(A) Column foundation & Plinth	394.56	Sqm	101.05	39870.00
	(B) Column & beam	198.51	Sqm	716.99	142330.00
	(C) Lintel	44.47	Sqm	267.40	11891.00
	(D) Chajja & Roof slab	255.16	Sqm	421.04	107433.00
10	Fly ash.Brick masonry in cement mortar (1:6) in F/P including cost ,conveyance etc as per direction of Engineer-in-charge .	111.29	Cum	4139.04	460634.00
11	Fly ash.Brick masonry in cement mortar (1:6) in Superstructure including cost ,conveyance etc as per direction of Engineer-in-charge .	156.18	Cum	4176.99	652362.00
12	2.5cm thick grading concrete with CC(1:2:2)using 6mm size CB chips including all cost etc complete.	235.18	sqm	283.95	66779.00
13	2.5cm thick AS flooring with CC(1:2:4)using 12mm size CB chips including all cost etc complete.	1.21	sqm	295.01	357.00
14	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	415.76	Sqm	133.82	55637.00
15	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
16	Supplying fitting & fixing of M.S.Grill for Window including all cost of material & Laour charges as per direction of Engineer-in-charge.	1598.44	Kg	134.09	214335.00
17	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	1094.39	Sqm	190.97	208996.00
18	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
19	Cement washing one coat with shell lime on slacked & cement including all cost	69.26	sqm	14.18	982.00
20	Finishing wall with water proof cement paint of approved shade on new work to give an even shade including cost of cement paint including all cost ,taxes etc compl.	69.26	Sqm	36.15	2504.00
21	Finishing wall surface with Acrylic wall putty(water based of approved make and finished smooth and even to receive paint in including cost of scaffolding etc complete	287.79	Sqm	102.88	29608.00

	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.	583.72	Sqm	79.30	46289.00
23	Painting 2-coats with enamel paint over a coat of priming to door and windows.	134.77	Sqm	203.15	27379.00
24	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 with vetrified tile	665.79	Sqm	72.85	48503.00
		40.13	Sqm	728.13	29220.00
25	Fixing of vetrified tiles(600x600)mm in floors treads of steps and landing on 20mm 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	340.85	Sqm	1311.93	447171.00
26	Fixing tiles inding on 12mm thick bed floors tread or steps thick CP (1:3) jointed with neat cement slurry mixedwith pigment to match the shade of the tile including rubbing and polishing compl.	23.71	Sqm	1421.19	33696.00
27	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.	34.83	Sqm	485.32	16904.00
28	Priming one coat over plaster surface with water bound cement primer with with all cost of materials & labour T&p etc compl.	273.96	Sqm	59.08	16186.00
29	Painting 2-coats over a coat of primer including cost of primer and paint etc complete.	100.49	sqm	203.15	20415.00
30	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
31	20 mm thick grading plaster in CM (1:4) to roof slab	110.08	Sqm	211.16	23244.00
32	Construction of display board with painting	1.00	Nos	4000.00	4000.00
Total					5519819.00

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

TOTAL 32 (Thirty Two) NOS ITEM ONLY

Approved for 32 (Thirty Two) 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)

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**