

**BILL OF QUANTITY (BOQ)**

**NAME OF THE WORK: - Construction of Additional class room, Science Lab at -Kantipal HS.. for the year 2020-21**

Amount put to Tender	:	Rs. 33,34,656.00
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	182.24	cum	182.80	33313.00
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	109.67	cum	366.84	40231.00
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	51.56	Cum	4393.28	226518.00
	RCC M20 grade with 20mm and down graded black hard granite crusher broken chips	67.92	cum	4672.42	317351.00
4	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
	Plinth beam	3.26	Cum	5177.65	16879.00
	Column & Beam	8.91	Cum	10408.37	92739.00
	Lintel	2.34	Cum	8416.09	19694.00
	Roof Slab	14.95	cum	8882.80	132798.00
	Chajja	0.97	cum	8882.80	8616.00
5	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 requireas per direction of Engineer-in-charge	104.10	Qntl	6479.06	674470.00
6	Rigid & smooth centring and shuttering				

	Column foundation & Plinth	158.26	Sqm	101.05	15992.00
	Column & beam	77.64	Sqm	716.99	55667.00
		<u>28.88</u>	<u>Sqm</u>	<u>267.40</u>	<u>7723.00</u>
	(C) Lintel				66440.00
	(D) Chajja & Roof slab	157.80	Sqm	421.04	252813.00
	Fly ash.Brick masonry in cement mortar (1;6) in F/P including cost ,conveyance etc as per direction of Engineer-in-charge .	61.08	Cum	4139.04	
7	Fly ash.Brick masonry in cement mortar (1;6) in Superstructure including cost ,conveyance etc as per direction of Engineer-in-charge .	76.04	Cum	4176.99	317618.00
	CC (1:2:4)with using 12mm size CB chips including all cost	17.20	Cum	5729.27	98543.00
	2.5cm thick grading concrete with CC(1:2:2)using 6mm size CB chips including all cost etc complete.	155.98	sqm	283.95	44291.00
9	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	312.76	Sqm	133.82	41854.00
10	Supplying fitting &fixing of M.S.Grill for Window including all cost of material & Laour charges as per direction of Engineer-in-charge.	1203.19	Kg	134.09	161336.00
11	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	431.85	Sqm	190.97	82470.00
13	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
	Finishing wall with weather coat of approved shade on new work to give an even shade including cost of paint including all cost taxes etc compl.	140.08	sqm	72.85	10205.00
215	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.	474.26	Sqm	79.30	37609.00
16	Painting 2-coats with enamel paint over a coat of priming to door and windows.	94.48	Sqm	203.15	19194.00
19	Fixing the tiles in dados skirting risers of on 12 mm thick C.P. (1:3) jointed with neat cement Slurry	18.78	sqm	1421.19	26690.00
20	Supplying fitting & fixing of tiles in floors, treads or steps and landing on 25 mm thick bed of C.M(1:1) (1cement :1sand) jointed with neat cement slurry				
	with granite	20.07	Sqm	2489.88	49972.00

	Fixing of vetrified tiles(600mmx600mm) 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	262.35	Sqm	1311.93	344185.00
	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.	23.22	Sqm	485.32	11269.00
	Priming one coat over plaster surface with water bound cement primer with cost of all materials.	182.64	sqm	59.08	10790.00
	Finishing walls with acrylic wall putty (water based) of approved shade on new work 2coat to give	191.86	sqm	102.88	19739.00
	Cost of Sky light with supplying ,fitting, & fixing	6.00	sqm	150.00	900.00
24	20 mm thick grading plaster in CM (1:4) to roof slab	110.08	Sqm	211.16	23244.00
25	Construction of display board with painting	1.00	Nos	4000.00	4000.00

Total

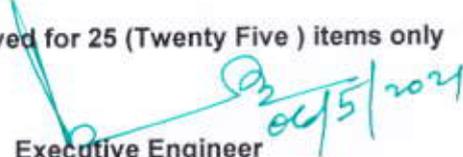
3334656.00

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

**TOTAL 25 (Twenty Five ) NOS ITEM ONLY**

**Approved for 25 (Twenty Five ) 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**