

**BILL OF QUANTITY (BOQ)**

**NAME OF THE WORK: - Construction of Additional class room(4 Nos), and Toilet at -Panasadiha UGME School,Panasdiha.. for the year 2020-21**

Amount put to Tender : Rs. 30,19,152.00  
 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	73.80	cum	182.80	13491.00
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	83.65	cum	737.04	61653.00
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	9.05	Cum	4024.87	36425.00
4	C.C (1:4:8) 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	18.11	cum	4381.71	79353.00
5	CC(1:2:4) with using 12mm size CB chips including cost,conveyance & royalty etc complete	0.99	Cum	6686.20	6619.00
6	RCC M20 grade with 20mm and down graded black hard granite crusher broken chips including hosting and laying				
	Column Base	9.52	cum	5811.24	55323.00
	Grade beam	6.47	cum	6120.52	39600.00
	Column up to grade beam	10.07	cum	12028.60	121128.00
	Lintel	3.90	cum	10519.33	41025.00
	Chajja	0.74	cum	893.54	661.00
	Slab	19.98	cum	10446.22	208715.00
	Waist slab	1.52	cum	11588.32	17614.00
	Column 1st floor	8.00	cum	13379.74	107038.00
	Column 2nd floor	2.19	cum	14730.88	32261.00
	Lintel 1st floor	1.89	cum	11568.61	21865.00
	Chajja	0.79	cum	1003.70	793.00

	Slab	16.96	cum	11480.89	194716.00
		1.54	cum	12515.55	19274.00
		4.99	cum	11588.32	57826.00
			cum		0.00
7	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	46.98	Qntl	7606.92	357373.00
		30.35	Qntl	7629.87	231567.00
8	Rigid & smooth centring and shuttering				
	(A) Column foundation & Plinth		Sqm	101.05	0.00
	(B) Column & beam		Sqm	716.99	0.00
	(C) Lintel		Sqm	267.40	0.00
	(D) Chajja & Roof slab		Sqm	421.04	0.00
9	Fly ash.Brick masonry in cement mortar (1:6) in F/P including cost ,conveyance etcas per direction of Engineer-in-charge .	19.54	Cum	4309.67	84211.00
10	Fly ash.Brick masonry in cement mortar (1:6) in Superstructure including cost ,conveyance etcas per direction of Engineer-in-charge .	42.58	Cum	4347.62	185122.00
	1st floor &2nd floor	58.12	Cum	4900.26	284803.00
11	2.5cm thick AS flooring with CC(1:2:4)using 12mm size CB chips including all cost etc complete.	8.67	sqm	320.31	2777.00
12	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	229.37	Sqm	146.64	33635.00
	1st floor	215.42	Sqm	157.29	33883.00
	2nd floor	28.18	Sqm	162.61	4582.00
13	Supplying fitting &fixing of M.S.Grill for Window including all cost of material & Laour charges as per direction of Engineer-in-charge.	843.61	Kg	132.29	111601.00
14	Supplying fitting &fixing of M.S.Grill for Window including all cost of material & Laour charges as per direction of Engineer-in-charge.	504.00	kg	124.67	62834.00
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	233.70	Sqm	206.35	48224.00
	1st floor	194.60	Sqm	215.85	42004.00
	2nd floor	25.47	Sqm	220.60	5619.00
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.	148.87	Sqm	153.14	22798.00
	1st floor	148.40	Sqm	160.18	23771.00
	2nd floor	8.79	Sqm	163.70	1439.00
17	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.	98.24	sqm	72.85	7157.00

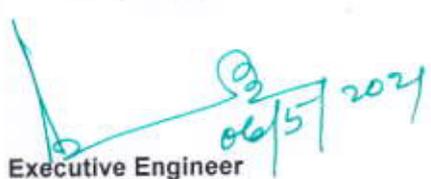
	Cement washing one coat with shell lime on slacked & cement including all cost	98.24	sqm	16.37	1608.00
	Finishing wall with water proof cement paint of approved shade on new work to give an even shade including cost of cement paint including all cost ,taxes etc compl.	202.55	Sqm	34.65	7018.00
	1st floor	215.42	sqm	33.68	7255.00
20	Fixing of vetrified tiles 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	112.35	Sqm	964.64	108377.00
21	Fixing the tiles in dados skirting risers of on 12 mm thick C.P. (1:3) jointed with neat cement Slurry	48.32	sqm	977.42	47229.00
22	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	109.74	Sqm	983.65	107946.00
23	Fixing of chequered tiles inding on 20mm 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.	16.74	Sqm	522.77	8751.00
24	Fixing of chequered tiles in floors or 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.	7.51	Sqm	541.79	4069.00
25	Priming one coat on new iron work & wood work with all cost of materials & labour T&p etc compl.	92.92	sqm	212.56	19751.00
26	Finishing walls with distemper of approved shade on new work 2coat to give	325.76	sqm	62.73	20435.00
	1st floor	342.99	sqm	67.67	23210.00
	2nd floor	10.44	sqm	69.21	723.00
27	Construction of display board with painting	1.00	Nos	4000.00	4000.00
<b>Total</b>					<b>3019152.00</b>

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

**TOTAL 27 (Twenty Seven ) NOS ITEM ONLY**

**Approved for 27 (Twenty Seven ) 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**