

BILL OF QUANTITY (BOQ)**N/W- Construction of Addl. Class Room-2nos, Science Laboratory & E-Library of Benamunda High School.****Amount put to Tender:- Rs 4820419.00****Cost of Tender Paper:- Rs 6000.00****Class of Contractor:- B' Class only**

Sl.No.	Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6
1	Earth work excavation in hard soil or gravel within 50 mtr initial lead & 1.5 mtr initial lift including rough dressing the trench etc complete as per the direction of the Engineer-in-Charge.	Cum	184.85	195.38	36116.00
2	Filling foundation & plinth with coarse sand well watered and rammed as per the direction of Engineer in charge etc complete as per the direction of the Engineer-in-Charge.	Cum	200.79	328.64	65988.00
3	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 the Engineer-in-Charge.	Cum	60.17	4699.35	282760.00
4	Cement Concrete (1:2:4) with 12mm size cbhg chips including cost, conveyance, royalty and taxes etc all complete as per the direction of the Engineer-in-Charge.	Cum	9.07	6073.37	55085.00
5	Brick work with Fly ash bricks 25cm x 12cm x 8cm size having crushing strength not less than 75kg/cm ² with dimension tolerance+- 2percent in cement mortar(1:6) in foundation and plinth including cost, conveyance, royalty and taxes etc all complete as per the direction of the Engineer-in-Charge.	Cum	43.55	4461.91	194316.00
6	Brick work with Fly ash bricks 25cm x 12cm x 8cm size having crushing strength not less than 75kg/cm ² with dimension tolerance+- 2percent in cement mortar(1:6) in Superstructure including cost, conveyance, royalty and taxes etc all complete as per the direction of the Engineer-in-Charge.	Cum	99.69	4500.24	448629.00
7	R.C.C M-20 using 12mm H.G.C.B chips including centering & shuttering cost, conveyance, royalty etc complete as per the direction of the Engineer-in-Charge.				
	A- Column Base	Cum	29.12	5060.46	147361.00
	B- Plinth beam	Cum	14.24	5425.39	77258.00
	C- Column	Cum	8.13	10772.94	87584.00
	D- Beam	Cum	12.32	10772.94	132723.00
	E- Lintel	Cum	7.00	8692.60	60848.00
	F- Chajja	Sqm	48.42	792.76	38386.00
	G- Roof slab	Cum	46.64	9138.84	426236.00
8	Supplying, fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification including, cutting, bending and tying etc all complete as per the direction of the Engineer-in-Charge.	Qntl	121.17	8727.95	1057606.00
9	Suppling, fitting and fixing of MS doors and windows with all cost conveyance taxes etc complete and as per the direction of the Engineer-in-Charge..	Kg	1640.00	148.19	243032.00
10	6mm thick cement plater in CM(1:4) to RCC surfaces finished smooth including closed deep chiping and slurry treatment complete as per the direction of the Engineer-in-Charge.	Sqm	411.90	150.33	61921.00
11	12mm thick cement plaster in c.m (1:6) over brick or stone work including cost, conveyance, royalty and taxes etc all complete as per the direction of the Engineer-in-Charge.	Sqm	413.25	140.27	57965.00
12	16mm thick cement plaster in c.m (1:6) over brick or stone work including cost, conveyance, royalty and taxes etc all complete as per the direction of the Engineer-in-Charge.	Sqm	673.68	200.83	135296.00

13	Fixing of Vetrified tiles in floors treads or steps and landing on 25mm thick of bed of cement mortar(1:1) jointed with neat cement slury mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per the direction of the Engineer-in-Charge	Sqm	318.53	1242.07	395638.00
14	Fixing Vetrified tiles in dados skirting and risers of of steps on 12mm thick cement plaster(1:3) jointed with neat cement slurry mixed wit pigments to match the shades of the tiles including rubbing and polishing including cost of tiles complete as per the direction of the Engineer-in-Charge	Sqm	34.26	1346.70	46138.00
15	Fixing of Chequered tiles in floors treads or steps and landing on 25mm thick of bed of cement mortar(1:1) jointed with neat cement slury mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per the direction of the Engineer-in-Charge	Sqm	55.74	836.76	46641.00
16	Fixing of Granite tiles in floors treads or steps and landing on 25mm thick of bed of cement mortar(1:1) jointed with neat cement slury mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per the direction of the Engineer-in-Charge.	Sqm	15.61	2545.33	39733.00
17	Painting two coats of enamel paint to the door & windows over a coat of primer complete as per the direction of the Engineer-in-Charge.	Sqm	115.80	200.56	23224.00
18	Finishing surface of walls with acrylic wall putty of approved make and finished smooth and even surface to receive painting including cost of all materials taxes, labour T & P etc complete as per the direction of the Engineer-in-Charge.	Sqm	1085.58	118.17	128287.00
19	Priming one coat with any approved primer of wall primer over putty surface complete as per the direction of the Engineer-in-Charge.	Kg	1085.58	59.77	64887.00
20	Cement wash 2 coat over new plaster work outer side surface complete as per the direction of the Engineer-in-Charge.	Sqm	413.25	22.22	9181.00
21	Wall painting 2 coats with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint complete as per the direction of the Engineer-in-Charge.	Sqm	1085.58	82.55	89619.00
22	Wall painting 2 coats with Weather coat paint of approved shade on new work to give an even shade including cost of paint complete as per the direction of the Engineer-in-Charge.	Sqm	413.25	97.99	40493.00
23	2.5cm thick grading Concrete (1:2:2) on roof slab with 6mm and down grade size cbhg chips including cost,conveyance, royalty and taxes etc all complete as per the direction of the Engineer-in-Charge.	Sqm	345.97	288.53	99822.00
24	Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm. dia.of 2mm thick circular pipe with Balustrade of size 32mm × 32mm. × 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm × 32mm × 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc. with cost, conveyance, taxes of all materials, labour, T& P etc.complete as per the direction of the Engineer-in-Charge.	Rmt	17.68	3506.50	61995.00
25	Black board at both side short walls (12'X4' size) complete as per the direction of the Engineer-in-Charge.	No	4.00	3000.00	12000.00

26	Supplying, fitting, fixing fully glazed Aluminium openable windows using 15 micron anodized OEL aluminium section 2082 as out section, 9139 as mullion section, 4124 as a shutter section frame with tapered clip as section 4125, aluminium angle, rubber beading, friction stay and handle etc. with 5mm black glass complete as per the direction of the Engineer-in-Charge.	Sqm	25.08	5927.20	148654.00
27	Cost of Brick Masonry Display Board of 5'0" x 0'10" x 5'0" size to be erected at worksite with colouring and painting writing with logo complete as per the direction of the Engineer-in-Charge.	No	1.00	5000.00	5000.00
				Total Rs	4820422.00
				or Say	4820419.00

Total 27 (Twenty seven) nos item only.

GST-18% will be added at the time of Agreement over the quoted amount.

Approved for 27 (Twenty seven) items only

Asst. Exe. Engineer
Telkoi Block.

Asst. Executive Engineer
Telkoi Block

B.D.O.
Telkoi.

31/10/22
Addl. Executive Officer (Technical)
Zilla Parishad, 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 **two 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.

31/10/22
Block Development Officer
Telkoi.