

Bill of Quantity

SL No.	Description of Items	Unit	Quantity	Rate	Amount
1	2	3	4	5	6
NAME OF THE WORK : Construction of ACR ,Toilet,Science Lab & Boundary Wall at Adarsha Girls High School,Palaspanga 2023-24 under DMF.		Estimated cost		:-	Rs. 5985286
		Amount put to tender		:-	Rs. 4816949
		Class of Contractor		:-	B
		Cost of Tender Paper		:-	Rs. 6000.00
		Earnest money Deposite 1%		Rs. 48169.00	
		Time of completion		:-	6 (Six) Months
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 and making it fit for laying concrete and depositing the excavated materials away from the work site with all leads and lifts including dewatering if necessary from foundation complete as directed by Engineer-in-Charge.	One Cubic Meter	196.41	204.72	40209.15
2	Filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty of materials with labour and T&P required for the work.	One Cubic Meter	169.88	1046.00	177694.08
3	Cement concrete of proportion (1:3:6) with 40mm & down graded size hand broken H.G. metal for foundation concrete approved quality from approved quarry including hoisting, lowering and laying concrete to the required level ramming, watering, curing etc. complete including cost, conveyance & royalty of materials with all labour charges.	One Cubic Meter	52.09	5423.40	282516.53
4	CC (1:2:4) by using 12 mm size cbhg chipps including all cost etc complete	One Cubic Meter	1.59	6111.20	9701.86
5	Brick work with Fly Ash Bricks in cement mortar (1:6) in F & P of size 9"x5"x3" having crushing strength not less than 75 kg/cm ² with dimensional tolerance ± 8% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance & royalty of materials with labour charges etc complete in all respect.	One Cubic Meter	75.29	4869.80	366648.66
6	Brick work with Fly Ash Bricks in cement mortar (1:6) in Superstructure of size 9"x5"x3" having crushing strength not less than 75 kg/cm ² with dimensional tolerance ± 8% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance & royalty of materials with labour charges etc complete in all respect.	One Cubic Meter	123.94	4907.79	608293.97

7	Brick work with Fly ash.Bricks having crushing strength not less than 35 kg/Sqcm in cement mortar (1:6) in superstructure including cost, conveyance & royalty of materials.	One Cubic Meter	3.49	5192.62	18134.42
8	RCC M-20 work with cement concrete with crushed granite 20mm down grade course aggregate of approved quality mixing by concrete mixer including hoisting, lowering and laying the concrete in position to proper slope and level and compacting by Vibrators in layers not exceeding 0.15m depth including watering, curing for required period 28 days, centering & shuttering and finishing exposed surface smooth providing grooves wherever necessary including cost, conveyance, royalty and other taxes of all materials				
a	Column Base	One Cubic Meter	25.07	6133.21	153773.93
b	Column & Beam	One Cubic Meter	23.90	13788.06	329566.05
c	(C-2)Column for 1st floor	One Cubic Meter	0.14	15479.44	2116.13
d	Plinth Beam	One Cubic Meter	21.10	5786.38	122097.35
e	Lintal Band	One Cubic Meter	6.58	13074.64	86060.46
f	Chhaja	One Square Meter	23.74	1092.11	25927.74
g	Slab	One Cubic Meter	33.31	12426.98	413957.72
9	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 required for RCC works including cost, conveyance and taxes of M.S. rod or HYSD steel and binding wires of 18 to 20 gauge and labour charges required for the work etc complete.	One Quintal	94.99	8694.97	825967.10
10	16mm (5/8") thick cement plaster (1:6) finishing smooth to inside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete.	One Square Meter	833.30	219.90	183242.36
	(B)For parapet Both side	One Square Meter	35.66	225.20	8030.02

11	12mm thick cement plaster (1:6) finishing smooth to Outside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete.	One Square Meter	540.04	154.90	83652.43
12	6 mm 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.	One Square Meter	286.95	168.00	48206.88
13	20mm. thick cement plaster grading in c.m. 1:4 including cost conveyance and royalty of materials curing etc. complete.	One Square Meter	187.25	242.40	45389.54
14	Supplying,fitting & fixing of stainless steel of 304 grade in hand railing using 50mm. Dia of 2mm. thick circular pipe with Balustrade of size 32mm.x32mm. x2mm.@ 0.90m.C/C and stainless square pipe bracing of size 32mm.x32mm.x2mm. 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. required for the completion in all respect.	One Running Meter	12.55	3477.90	43654.01
15	Supplying ,fitting and fixing vetrified tiles in floors,treads or steps of size 600mm x 600mm of approved make conforming to IS: 13755 laid on 20mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with white cement of approved quality including cost of materials, labour T&P etc required for the work all complete as per direction of Engineer-in-Charge (For New work Only)	One Square Meter	195.20	1167.83	227961.42
16	Fixing of vetrified tiles and marbles in dadosand risers of steps on 12mm thick cement plaster (1:3) with neat cement slurry mixed with pigment to match the shade of the tile including rubbing and polishing complete(data for 10sqm)	One Square Meter	10.64	1585.30	16873.22
17	Supplying ,fitting and fixing Ceramic Floor tyles 30cmx30cm / 40cmx40cm of approved make conforming to IS: 13755 laid on 20mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with white cement of approved quality including cost of materials, labour T&P etc required for the work all complete as per direction of Engineer-in-Charge (For New work Only)	One Square Meter	55.52	1032.39	57317.39
18	Fixing Colour glazed tiles in dadoos skirting and risers of steps on 12mm thick CP (1:3) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete	One Square Meter	118.17	829.40	98007.21
19	Fixing Granite tiles (above 0.4 sqm to 1.0 sqm) in treads & steps on 25 mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigment to match the shades of the tiles incl. rubbing and polishing complete incl. cost of tile etc all complete.	One Square Meter	17.16	2628.89	45105.44

20	Supplying, fitting and fixing steel angle iron door & window with steel angle iron frame manufactured from standard rolled steel angle section of 40mmx40mmx6mm size with corners of the frame duly mattered and electrically welded with fishtail hold fasts made out of MS flat size 200mmx50mmx30mm wide and 5mm thick welded to the frame @ 6 nos per frame with 10mm dia MS round bar to be welded at the day with MS hinges of size 100mm 14SWG thick @ 3 nos and 15mm size 1 no. for single & double leaf shutter, aldrop staple and tower bolt hinges duly welded to the frame with one coat of anti corrosive red oxide zinc chrome primer including cost, conveyance, taxes of all materials with all labour charges for the work.	One Kilogram	1356.26	119.80	162479.48
21	Painting two coats with any approved synthetic enamel paint of approved quality shade and make over a coat of priming to new wood work/ iron work including cost of the primer and paint, sand papering polishing the surface with cost, conveyance, royalty, taxes with all labour charges.	One Square Meter	99.59	214.70	21381.75
22	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour T & P etc. complete.	One Square Meter	408.69	75.20	30733.86
23	Wall painting 2coats with plastic emulsion paint of approved shade in cluding cost of paint	One Square Meter	408.69	86.50	35352.11
24	Priming 1 coat with any approved Primer for Plaster Surface	One Square Meter	1466.41	68.60	100596.03
25	Weather coat painting two coat with approved shade over a coat of primer including cost of material, T&P and labour etc complete.	One Square Meter	1047.27	104.80	109753.91
26	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibrator compaction of approved size design and shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	One Square Meter	14.31	722.13	10332.57
27	Provision for fitting and fixing and cost of RCC Ventilator	No.s	15.00	150.00	2250.00
					4792984.80
28	Quality Control	0.50%			23964.92
					4816949.72
				say	4816949.00

Rupees Forty Eight Lakhs Sixteen Thousand Nine Hundred Forty Nine only

Tender schedule for the project:-Construction of ACR ,Toilet,Science Lab & Boundary Wall at Adarsha Girls High School,Palaspanga 2023-24 under DMF is approved for Rs. 4816949.00(Rupees Forty Eight Lakhs Sixteen Thousand Nine Hundred Forty Nine) only with 28(Twenty Eight) items only.

G.S.T. cost in 18% (CGST 9% + SGST 9%) will be add at time of agreement

Bonam
14/07/2023
Asst Executive Engineer
Keonjhar Sadar

Bh
14/07/2023
Block Development Officer
Keonjhar Sadar

Sore
14/07/2023
Addl. EO(Tech)
ZP,Keonjhar

My /Our quoted rate is -----
(Write both in words and Figures)

% Excess/Less/Equal

Note:

- 1 The Contractor should not write anything except quoting of percentage excess / less / equal to the amount to Tender
- 2 Strike out which are not applicable.
- 3 Percentage quoted by the contractor shall be accurately filled in figure and words, so that there is no discrepancy.
- 4 If any discrepancy is found in the percentage quoted in words and figure than the percentage quoted by the
- 5 The percentage quoted in the tender will out mentioning excess or less will be treated as excess.
- 6 The contractor should write percentage excess or less up to two decimal point only, if he/her writes the percentage

Contractor

Block Development Officer
Keonjhar Sadar