

### Bill of Quantity

		Estimated cost		:- Rs. 42,37,000.00	
	<b>NAME OF THE WORK :- Const of Two nos of Additional Class room,One no of E-Library and Boundary wall at Janamangal High School,Dimbo,Dimbo G.P for 2022-23 under DMF</b>	Amount put to tender		:- Rs. 33,98,783.00	
		Class of Contractor		:- C & B	
		Cost of Tender Paper		:- Rs. 6000.00	
		Earnest money Deposite 1%		Rs. 33,987.00	
		Time of completion		:- 6 (Six) Months	
SL	Description of Items	Unit	Quantity	Rate	Amount
1	2	3	4	5	6
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	166.33	193.45	32176.54
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	164.55	650.99	107120.40
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	48.76	4513.10	220058.76
4	Cement Concrete (1:2:4) with 12 mm size broken hard granite chips for R.C.C. works including hoisting and laying per 1 cum.	One Cubic Meter	3.35	5864.50	19646.08
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 <sup>2</sup> 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	45.66	4199.50	191749.17
6	Brick work with Fly Ash Bricks in cement mortar (1:6) in <b>Superstructure</b> of size 9"x5"x3" having crushing strength not less than 75 kg/cm <sup>2</sup> 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	68.93	4237.41	292084.67
7	Fly ash Brick Massonry(1:6) in 1st floor for parapet wall including all cost,etc complete.	One Cubic Meter	11.58	4507.95	52202.06

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	22.18	4857.45	107738.24
b	Plinth Beam	One Cubic Meter	12.24	4702.78	57562.03
c	Column & Beam	One Cubic Meter	20.45	10655.02	217895.16
d	C2 Column for 1st floor	One Cubic Meter	1.19	11930.96	14197.84
e	Lintal Band	One Cubic Meter	5.08	8449.18	42921.83
f	Chhaja	One Square Meter	21.87	770.94	16860.46
g	Slab	One Cubic Meter	29.26	9039.28	264489.33
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	86.36	8629.52	745245.35
10	(A)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	446.45	204.00	91075.80
	(B)For parapet Both side	One Square Meter	120.08	212.30	25492.98
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	348.08	143.20	49845.06
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	282.72	158.20	44726.30
13	20mm. thick cement plaster grading in c.m. 1:4 including cost conveyance and royalty of materials curing etc. complete.	One Square Meter	228.81	225.10	51505.13

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	14.84	3466.00	51435.44
15	Supplying, fitting and fixing verified 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 coarse 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	249.10	971.65	242038.02
16	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 matted 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, aldop 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	1176.00	119.80	140884.80
17	Supplying, fitting, and fixing up window(sliding type) made up Aluminium section 9778 as windows frame, section No.4095,4096 and 9777,3994 as shutter frame with 5mm.thick black glass as panel fitted with rubber beading including locking arrangement including all fittings ,cost of glass etc.	One Square Meter	20.07	3667.60	73608.73
18	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	90.30	196.40	17734.92
19	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	564.28	72.90	41136.01
20	Wall painting two coats on new work with plastic emulsion paint of approved	One Square Meter	564.28	78.10	44070.27
21	Priming 1 coat with any approved Primer for Plaster Surface	One Square Meter	1148.43	62.50	71776.88
22	Wall painting with two coats weather coat paint of approved shade on new work to give an even shade including cost of paint.	One Square Meter	578.70	91.30	52835.31
23	Provision for fitting and fixing and cost of RCC Jally and all other taxes etc. complete as per direction of Engineer-in-Charge.	One Nos.	12.00	150.00	1800.00

				3381913.57
24	Quality Control	0.50%		16909.57
			<b>SUB TOTAL</b>	<b>3398823.13</b>
			<b>Limited to</b>	<b>3398783.00</b>

**(Rupees Thirty Three Lakhs Ninety Eight Thousand Seven Hundred Eighty Three)only**

**BOQ for the project:- Const of Two nos of Additional Class room,One no of E-Library and Boundary wall at Janamangal High School,Dimbo,Dimbo G.P for 2022-23 under DMF is approved for Rs. 33,98,783.00(Rupees Twenty Three Lakhs Ninety Eight Thousand Seven Hundred Eighty Three)only with 24(Twenty Four) items only.**

G.S.T cost is 18%(CGST9%+SGST9%) & with Labour welfare cess 1% will be added at the time of of agreement.

  
11/11/22  
**Asst Executive Engineer**  
**Keonjhar Sadar**

  
11/11/2022  
**Block Development Officer**  
**Keonjhar Sadar**

  
11/11/22  
**Addl. E.O(Tech)**  
**DRDA,Keonjhar**

My /Our quoted rate is \_\_\_\_\_ % Excess/Less/Equal  
to the corresponding estimate rate  
(Write both in words and Figures)

**NOTES:-**

1. The Contractor should not write anything except quoting of percentage,excess/less/equal to the amount to Tender and in any case any thing else regarding tender rate is mentioned,the Tender is liable for rejection.
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 figures then the percentage quoted by the contractor in words shall be taken as correct.
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 excess or less more than two decimal points it will be treated as cancelled.

**Contractor**

**Block Development Officer**  
**Sadar Block**