

Tender Inviting Authority:- Block Development Officer, Karlamunda

Name of the Work:- Construction of CDPO office building at Karlamunda

Class of Contractor: 'C' & 'D'

Bid Identification no;-1 of 2021-22 Estimated cost put to tender:- Rs. 2004864.00

Bill of Quantities

SI No	Description of works	Unit	Quantity	Estimated Rate	Amount
1	Earth work in excavation of foundation in all kinds of soil with all lead and lifts including levelling, refilling, sprinkling water & ramming the bed, dressing the size and depositing excavated materials away from working area including rough dressing and breaking clods to maximum 5cm to 7cm and removing roots, debris, shrubs and other foreign materials including T&P etc. complete as per specification and direction of the Engineer-in-Charge etc	Cum	39.15	184.59	7227.00
2	Supplying & filling in foundation trenches and plinth ditches with sand including all cost etc complete	cum	74.78	366.46	27404.00
3	PCC (1:3:6) in foundation and plinth using hand broken hard granite coarse aggregates 40mm & down graded size of approved quality from approved quarry including hoisting, lowering & laying concrete in layers not exceeding 0.15mtr in depth including ramming, compacting, each layers properly by means of vibrator or rammer including watering and curing concrete for required period excluding form-work but, including cost, conveyance, royalty and taxes of all materials, labour charges, T & P etc complete. as per specification and direction of the Engineer In-Charge but excluding GST. (Measurement will be taken for finished compacted section only).	cum	12.96	4712.23	61071.00
4	RCC M/20 using 20mm and down graded crusher broken hard granite coarse aggregate as per IS 456 & IS 516 including hoisting, lowering, laying concrete in layers not exceeding 0.15mtr in depth and compacting each layer by using vibrators, watering, curing for required period including finishing the exposed surface smooth providing grooves, beads whether necessary including cost, conveyance, royalty & taxes of all materials, labour charges, T&P excluding the cost of MS rod, centering and shuttering etc. complete in all respect as per specification & direction of Engineer-in-charge but excluding GST.				
	i) Column Base :-	Cum	6.97	5155.26	35942.00
	ii) Plinth Beam	Cum	3.93	5155.26	20255.00
	iii) Column beam	Cum	5.97	12254.05	73206.00
	Column, beam (1st floor)	Cum	7.10	13786.01	97936.00
	Lintel	Cum	1.96	8668.04	17024.00
	Lintel (1st Floor)	Cum	2.36	9482.80	22360.00
	Slab	Cum	8.28	9055.12	74949.00
	Slab (1st floor)	Cum	11.23	9905.19	111235.00
	Chajja	Sqm	16.96	811.39	13761.00
	Chajja (1st floor)	Sqm	12.55	913.95	11472.00
	Staircase	Cum	0.88	10306.20	9049.00
	Staircase (1st floor)	Cum	0.88	11406.49	10015.00
5	cutting, bending, binding and tying the MS Rods and placing in position including cost, conveyance, royalty & taxes of all materials including cost of binding wire 18 to 20 guage, labour charges, T&P etc. complete as per specification & direction of Engineer-in-Charg but excluding GST but excluding GST.				
	a) Ground Floor	Qntl	25.50	7286.49	185791.00
	b) 1st Floor	Qntl	18.48	7309.67	135112.00

6	Fly ash Brick Masonry of 23cm X 11cm X 8cm size having crushing strength not less than 75 Kg/cm ² with dimensional tolerance \pm 8 percent in cement mortar (1:6) including soaking bricks in water for required period, laying bricks in layer after applying cement mortar of required thickness including racking out joint and curing for required period including cost, conveyance, royalty and taxes of all materials, labour charges, T&P, scaffolding etc. complete as per specification and direction of the Engineer-in-Charge but excluding GST.				
	A) Sub Structure (Plinth)	cum	17.33	4190.41	72620.00
	B) Super Structure	cum	23.99	4223.74	101328.00
	C) 1st floor	cum	39.51	4483.31	177136.00
7	12mm thick cement plaster in cement mortar (1:6) in brick works including racking out the joints, removing oily substances, bromming and providing cement plaster including watering, curing for required period including cost, conveyance, royalty & taxes of all materials, labour charges, T&P etc. complete as per specification & direction of Engineer-in-charge but excluding GST.				
	a) Ground Floor	Sqm	137.89	138.20	19056.00
	b) 1st Floor	Sqm	180.90	143.59	25975.00
8	16mm thick cement plaster in cement mortar (1:6) in brick works including racking out the joints, removing oily substances, bromming and providing cement plaster including watering, curing for required period including cost, conveyance, royalty & taxes of all materials, labour charges, T&P etc. complete as per specification & direction of Engineer-in-charge but excluding GST.				
	a) Ground Floor	Sqm	190.16	196.46	37359.00
	b) 1st Floor	Sqm	273.46	201.25	55034.00
9	Cost of iron door & window including cost, conveyance, royalty & taxes of all materials, labour charges, T&P etc. complete as per specification & direction of Engineer-in-charge but excluding GST.				
	a) Ground Floor	kg	318.00	88.50	28143.00
	b) 1st Floor	kg	122.00	88.50	10797.00
10	Labour for fitting & fixing of MS door, window, grill gates, grill				
	a) Ground Floor	Sqm	10.59	455.96	4829.00
	b) 1st Floor	Sqm	3.48	457.92	1594.00
11	Finishing wall surface with Acrylic wall putty (water based) of approved make, finished smooth to receive painting including cost of scaffolding staging charges including cost, conveyance, royalty and taxes of all materials, Labour charges, T&P etc complete as per specification and direction of Engineer in charge but excluding GST.				
	a) Ground Floor	Sqm	328.05	63.99	20992.00
	b) 1st Floor	Sqm	454.35	64.62	29360.00
12	Supplying, fitting, fixing of factory made single leaf rigid FRP composite door & window shutter of 32 mm thick, laminated with GPP skins with wood grain finished etc including cost, conveyance, royalty and taxes of all materials, Labour charges, T&P etc complete as per specification and direction of Engineer in charge but excluding GST.				
	a) Ground Floor	Sqm	26.99	5307.12	143239.00
	b) 1st Floor	Sqm	31.70	5307.12	168236.00
13	Providing, fitting and fixing of 600mm x 600mm size vertified tiles (avg. 6mm thick) in floors, treads of steps and landing over 25mm thick bed of cement mortar (1:1) jointed with neat cement slury mixed with pigments to match the shade of the tiles, filling the joints with white cement including rubbing and polishing including cost, conveyance, royalty & taxes of all materials, labour charges, T&P as per specification & direction of Engineer-				
	a) Ground Floor	Sqm	67.35	1071.95	72196.00
	b) 1st Floor	Sqm	89.03	1081.56	96291.00

14	Painting two coats with approved cement paint to walls including cost, conveyance, royalty and taxes of all materials, Labour charges, T&P etc complete as per specification and direction of Engineer in charge but excluding GST.				
	a) Ground Floor	Sqm	328.05	33.67	11045.00
	b) 1st Floor	Sqm	454.35	34.83	15825.00
Total					2004864.00
(Rupees Twenty Lakh Four Thousand Eight hundred sixty four)					

Junior Engineer,
Karlamura

Asst. Executive Engineer,
Karlamura

Block Development Officer,
Karlamura