

OFFICE OF THE MUNICIPAL COUNCIL NARAYANPUR, DIST. NARAYANPUR (C.G.)

DETAILED ESTIMATE FOR MUKTIDHAM DEVELOPMENT, AT MURIYAPARA WARD NO. 10 NARAYANPUR

GENERAL ABSTRACT

S.n.	Sub Head	Amount (In Lakh)
1	Constrution of Boundarywall at Behind nagar Palika council Narayanpur Ward no. 10	14.74
2	Constrution of Funeral Shed at Muriyapara Ward no. 10	9.76
TOTAL		24.50
(Rs. Twenty four lakhs fifty thousand only)		

Sub Engineer

Nagar Palika Parishad Narayanpur

Chief Municipal Officer

Nagar Palika Parishad Narayanpur

:- केवल प्रशासनिक स्वीकृति हेतु :-
 छत्तीसगढ़ नगर पालिका लेखा नियम 1971 के नियम 132(1)(एक) के
 अंतर्गत First Stage Estimate का वृत्तिक (तकनीकी) अनुमोदन
 Estimate No. 1832 / E.E. of 2025 Date 03/11/2025
 Technical Approval is hereby accorded of Rs. 24.50
 in word Twenty four lakh fifty thousand
 of the construction/SR/AR of Boundary wall
Ward No-10 Narayanpur
 For Nagar Nigam/Palika/Panchayat Narayanpur
 Checked By [Signature] Executive Engineer
 UAD. Bastar Division Jagdalpur (C.G.)

OFFICE OF THE NAGAR PALIKA PARISHAD, NARAYANPUR (C.G)

DETAILED ESTIMATE

Name Of Work- Construction of Boundary Wall in mukati dham behind nagar palika council narayanpur at muriyapara Ward - 10

S.No	Ref.No	Item Discription	Nos	L	B	D/H	Qty	Unit	Rate	Amount
As per PWD SOR for Building WORK 01/01/2015										
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soils								
		Column	120	1	1.20	1.20	1.20	207.36		
		Curtain Wall	1	1	276.00	0.50	0.50	69.00		
						Net Qtys	276.36	Cum	185.00	51126.60
2	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		Column	120	1	1.20	1.20	0.10	17.28		
		Curtain Wall	1	1	276.00	0.50	0.10	13.80		
						Net Qtys	31.08	Cum	371.00	11530.68
3	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
		1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		Column	120	1	1.20	1.20	0.15	25.92		
		Curtain Wall	1	1	276.00	0.50	0.10	13.80		
						Net Qtys	39.72	Cum	2970.00	117968.40

4	3.2	Providing and laying nominal mix concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.											
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).											
		Square Footing	120	1	1.00	1.00	0.33	39.00					
		Column Upto Top	120	1	0.20	0.30	2.80	20.16					
		Plinth Beam	1	1	276.00	0.20	0.30	16.56					
							Net Qtys	75.72	Cum	4163.00	315222.36		
5	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:											
	3.12.1	Thermo-Mechanically treated bars FE 415											
		1.0% of RCC						5944.02	Kg	54.50	323949.09		
6	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:											
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level											
		Footing	120	4	1.00		0.33	156.00					
		Column	120	4	0.20		2.80	268.8					
							Net Qtys	424.80	sqm	139.00	59047.20		
7	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:											
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)											

		Boundary Wall	1	1	276.00	0.20	0.30	16.56			
			1	1	276.00	0.20	1.83	100.74			
						Net Qtys		117.30	Cum	3384.00	396943.20
8	11.2	Providing and making 12mm thick cement plaster on the rough side of single or half brick wall of mix:									
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)									
		Long Wall	2	1	300.00		1.83	1095.00			
						Net Qtys		1095.00	Sqm	91.50	100192.50
9	9.16	Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of									
	9.16.2	Angle-iron frames									
		50x50x6@ 4.5kg/m	2	1	6.00			54.00	Kg	73.50	3969.00
10	9.13	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer									
	9.43.1	Aperture 50x50mm	1	1	2.50	2.10	3.80	19.95	kg	331.00	6603.45
11	14.2	Painting on new work (two or more coats) to give an even shade with:									
	14.22.1	Satin synthetic enamel paint									
		As Per S.No.-11						19.95	Sqm	55.00	1097.25

12	14.1	Applying one coat of cement primer on wall surface (applied @ 0.80 litrs/10 sqm) complete.									
		As Per S.No.-8					1095.00	Sqm	23.00	25185.00	
13	14.2	Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:									
	14.15.	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)									
		As Per S.No.-8					1095.00	Sqm	56.00	61320.00	
							As Per SOR Total Estimate			1474154.73	
							Say As			14.74 Lacs	


Sub Engineer

nagar palika parishad narayanpur

nagar palika parishad narayanpur

14.74 Lacs

OFFICE OF THE NAGAR PALIKA PARISHAD, NARAYANPUR (C.G)

DETAILED ESTIMATE

Name Of Work- CONSTRUCTION OF FUNETRAL SHED AT MURIYAPARA MUKTIDHAM AT WARD NO. 10

S.No	Ref	Item Discription	No.	L	B	D/H	Qty	Unit	Rate	Amount
As per PWD SOR for Building 01/01/2015										
EXCAVATION										
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soils.								
		C 1	3	5	1.50	1.50	1.50	50.63		
		Curtain Wall	3	1	16.00	0.50	0.50	12.00		
			1	5	8.00	0.50	0.50	10.00		
							TOTAL	72.63	CUM	185.00
										13435.63
Filling										
2	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		Column	3	5	1.50	1.50	0.10	3.38		
		Curtain Wall	3	1	16.00	0.40	0.10	1.92		
			1	5	8.00	0.40	0.10	1.60		
		Floor Filling	1	1	15.60	7.60	0.60	71.14		
			1	1	7.50	8.00	0.30	18.00		
		C1	3	5	1.50	1.50	1.50	50.63		
		Deduction of PCC						-1.69		
		Deduction of RCC						-16.00		
							Total	128.97	CUM	371.00
										47848.24
PCC										
3	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								

3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm)										
	Column	1	5	1.50	1.50	0.15	1.69				
	Curtain Wall	1	3	16.00	0.50	0.15	3.60				
		1	5	8.00	0.50	0.15	3.00				
	Floor Base	1	1	15.60	7.60	0.15	17.78				
		1	1	7.50	8.00	0.15	9.00				
						TOTAL	35.07	CUM	2970.00	104162.36	
RCC											
4	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.									
	3.2.1	1:1.5:3 (M20)									
Ground Floor											
		COLUMN	3	5	1.50	1.50	0.45	15.19			
		COLUMN UPTO PLINTH	3	5	0.20	0.30	0.90	0.81			
		PLINTH BEAM	1	3	16.00	0.20	0.30	2.88			
			1	5	7.60	0.20	0.30	2.28			
						TOTAL	21.16	CUM	4163.00	88078.67	
REINFORCEMENT											
5	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete									
	3.12.1	Thermo-Mechanically treated bars FE 415									
		Qty As per RCC (1.6%)					1993.04				
						TOTAL	1993.04	Kg	54.50	108620.49	
FORM WORK											
6	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:									

	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.											
		COLUMN	4	5	1.20		0.45	10.80					
		COLUMN UPTO PLINTH	5	2	0.20		0.90	1.80					
			5	2		0.30	0.90	2.70					
		PLINTH BEAM	1	3	16.00		0.30	14.40					
			1	5	8.00		0.30	12.00					
							TOTAL	41.70	sqm	139.00	5796.30		
		BRICK WORK											
7	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:											
	7.5.4	Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)											
		Curtain Wall	1	3	15.60	0.20	0.50	4.68					
			1	5	7.60	0.20	0.50	3.80					
							total	8.48		3263.00	27670.24		
		STEEL WORK											
8	9.3	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including											
	9.3.1	Electric resistance or induction butt welded tubes Grade-250											
		100 mm dia	2	7	1.30			18.20					
		12.20kg/rmt						222.04					
		trusses	1	7	58.00			3219.58					
		purline	1	10	19.00			1506.70					
		Fish plate with bolt (5.5kg/each)	2	28				308.00					
							Net Qtys	5274.52	Kg	88.50	466795.02		
9	10.12	Supply and fixing of polymer pre-coated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated											

		Shed	1	2	16.70	4.50		150.30			
		Ridges	1	1	16.70	0.30		5.01			
		Side panel	2	1	7.30	0.60		8.76			
							Net Qtys	164.07	Sqm	693.00	113700.51
								As Per Building SOR		976107.45	
								Grand Total		976107.45	
								Say As		9.76 Lacs	



Sub Engineer
nagar palika parishad narayanpur


Chief municipal officer
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