

धार्चे गाउँपालिका
गाउँकार्यपालिकाको कार्यलय
माछीखोला, गोरखा

Abstract of Cost



Project Name: Kerauja Type 1 Health Post

Proposed Location:- Dharche Rural Municipality, ward no.2, Kerauja

S.No.	Description of works	Unit	Quantity	Rate	Amount	Remarks
A	Civil works					
1.00	Site Clearance					
1.10	Clearing the site by removing the bushes, trees, concrete pavement and hard surface whatever at site up to its root depth including the layout work, marking the trench, construction of permanent reference points along each grid precisely in line and level and including construction of all necessary staff and labor facilities.	Cu.m	108.61	28.77	3124.57	
2.00	Earthwork in Excavation					
2.10	Excavation in foundations in all type of soils for foundation, trenches, footing, pits etc. to the required depth including dewatering by manual or mechanical means etc. as per specifications with all contractor's own machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth within 50m all complete as per drawings, specifications and instructions of the Engineer.	Cu.m	91.71	3752.50	344148.30	
3.00	Stone Soling					
3.10	Providing and laying uncoursed hand packed Dry Rubble Stone soling in foundation, floors of building, retaining wall, steps and ramps with out any special dressing of stone including filling interstices with suitable quarry waste or stone chips or quarry sand, watering, compacting using appropriate mechanical compaction means with all contractors materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer. The complete item including all lead & lift.	Cu.m	24.95	4333.20	108103.59	
4.00	Random Rubble in 1:6 c/s mortar	Cu.m	5.30	16101.09	85280.85	
5.00	P.C.C work in Foundation					
5.10	Plain cement concrete works in foundation including material collection & 30m lead	Cu.m	9.1987898	17108.55	157377.96	
6.00	Brick Work with 1:6 c/s ratio					

6.10	Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:6 (1 cement : 6 coarse sand) above ground floor including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	Cu.m	61.74	22843.64	1410424.67	
7.00	RCC Work					
7.10	Providing and laying in position machine mixed and machine vibrated cement concrete of mix 1:1.5:3 (1 cement:1.5 sand: 3 coarse aggregate) M20 grade for reinforced cement concrete work using approved cement with 20 mm graded machine crushed stone aggregate of approved quality in various locations and heights including transportation of concrete to site of placing, compaction, finished to required line and level, protection and curing, etc. all complete as per drawings, specifications and the instructions of the Engineer, but excluding the cost of centering, shuttering, and reinforcement all complete as per drawings, specifications and instructions of the Engineer.	Cu.m	84.01	22087.13	1855488.33	
8.00	Reinforcement work					
7.10	Providing and fixing in position Fe 500 steel reinforcement of various diameter confirming to relevant IS code in R.C.C. works including straightening, cutting, bending, binding with 20 SWG annealed wire for tying the reinforcement bars at each junctions (binding wire shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as per drawings, specifications and instructions of the Engineer. (Authorized lap length and for the bar length exceeding 10 meter in length shall be measured for the payment).	Kg	5286.02	163.73	865479.28	
8.00	Plastering Work					
8.10	12.50mm. Th. Cement sand plaster (1:4) work on building inner and outer surfaces of good finish in perfect line level and plumb including grooving in plaster wherever shown in drawings including chiselling racking the joints, wetting the surface and curing the work all complete as per specification and instruction of the consultant/engineer all complete	Sq.m	674.42	553.62	373366.92	
9.00	Flooring Work					

9.10	50 mm thick P.C.C. in (1:2:4) with cement punning (1:1) for flooring work with approved floor hardener (Dreitop FH, Mapetop, Fairtop, Sika Chapddur or equivalent floor hardener) with approved quality cement, sand & aggregate 12mm and down grade including mixing, laying, curing all complete work as per specification	Sq.m	20.68	1079.19	22317.12	
9.20	15 mm th. marble with cement sand (1:2) surface course including rubbing & polishing	Sq.m	27.92	5894.61	164571.81	
10.00	Formwork					
10.10	For Column	Sq.m	107.88	1874.95	202270.14	
10.20	For Beam	Sq.m	107.31	1493.51	160268.77	
10.30	In Slab	Sq.m	147.27	1117.34	164548.52	
11.00	Wood Work					
11.10	38mm th. local wood in panneled door & window shutter.	Sq.m	37.15	11983.54	445160.29	
11.20	Local wood frame with wood size 100*75mm	Cu.m	0.74	146117.39	108633.58	
12.00	2 coat Weather coat (apex) over one coat primer.	Sq.m	607.26	502.62	305224.44	
13.00	2 coat readymade Enamelpaint over one coat primer.	Sq.m	37.15	419.82	15595.47	
	Making & fixing 4.5*20 mm iron gril including one coat Red oxide paint after rubbing with sand paper.	Kg	18.28	4332.61	79191.68	
14.00	Steel Railing work	Kg	168.15	613.50	103160.03	
	Total Civil Work Cost				6973736.31	
B	Total Electrical Cost	Electrical Installation (5% of Civ		348686.82		
	Total Sanitary work	Water Supply and Sanitary work		348686.82		
		Sub Total (B)		7671109.94		
C	Contingencies (5% of Sub total of B)			383555.50		
E	13% VAT of Sub total B			997244.29		
	Grand Total			9051909.73		

Keshav Nepali
Prepared by: