



Rangeli Municipality
Office of Municipal Executive

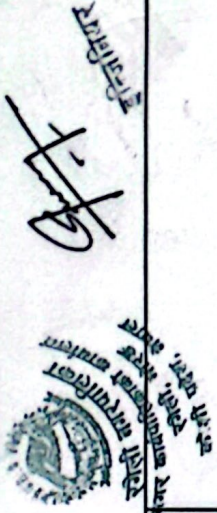
Rangeli Morang

Bill of Quantity

Project Name:- Janta Ma.Vi. 2 storey-4 room Building Construction Works

Location-Janata Ma.Vi. Bahuwan, Rangeli-5, Bahuwan

S.N.	Description of Item	Unit	Quantity	Rate without vat in NRS		
				In figures	in words	Amount
A	Provision Sum					
1.0	Arranging /Conducting & carrying out the necessary tests of materials/works either in the field or laboratory and submitting the test report in the satisfaction of the office.	Job	1.00	25000.0		25000.00
2.0	Insurance works for involving employer,contractor and etc.	Job	1.00	75000.0		75000.00
	Sub Total (A)=					100000.00
B	Construction Works					
1.0	Site clearance before and after completion of work including desposing the remaining construction materials & plants & making the site in working condition all complete as per drawing and specification.	LS	1.00			
2.0	Providing of Project Information Board in approved size(1.8m x 1.2m) & colour and putting it at an approved place on the site.	No	1.00			



3.0	Earthwork in excavation in Boulder mixed and hard soil in site levelling including dumping, stacking or filling to the lower level ground etc all for site development	M3	312.67				
4.0	Earth filling in 150 mm thick layer, watering, ramming including supply of filling materials all complete as per drawing and specification.	M3	118.83				
5.0	Flat dry brick soling in foundation and floor including sand filling in joints, leveling, ramming etc. all complete	M2	319.74				
6.0	Plain cement concrete PCC M10, (1:3): 6) work in foundation and floors with cement sand and crushed aggregate of 10 mm to 38mm gauge including mixing with mixere machin & compaction by vibrator ,laying in line & level with curing all type of works complete as per specification & instruction	M3	9.94				
7.0	Plain cement concrete PCC M15, (1:2): 4) work in foundation and floors with cement sand and crushed aggregate of 10 mm to 38mm gauge including mixing with mixere machin & compaction by vibrator ,laying in line & level with curing all type of works complete as per specification & instruction	M3	26.30				
8.0	Plain cement Concrete (PCC) in 1:1.5: 3 ratio (M20) for RCC works with 3% silica admixture in column, beam, slab etc. with approved quality of cement, sand and stone aggregate including mixing, laying, compacting and curing etc all complete as per design, drawing and specification.	M3	117.14				
9.0	Supplying and laying of 50 mm thick PCC (1:2:4) with 20mm down aggregates all complete within room area (Kora masino)	M2	215.69				



10.0	First class local chimney made brick work in cement sand mortar(1:6) in foundation in perfect line and level including wetting the brick, packing the joints and curing all types of works as per specification and instruction by Engineer	M3	18.85				
11.0	First class local chimney made brick work in cement sand mortar(1:4) in superstructure in perfect line and level including wetting the brick, packing the joints and curing all types of works as per specification and instruction by Engineer	M3	197.23				
12.0	Steel reinforcement bar of Fe 500 grade including straightening, cleaning, cutting, bending, placing in position and binding with annealed binding wire all complete as per design, drawing and specification.	KG	13841.10				
13.0	Formwork for beam column and slab, shuttering, centering with plywood, wooden & iron post(Props) with necessary propping, scaffolding, staging, supporting and removal etc all complete in perfect line and level as per design, drawing and specification.	M2	1154.96				
14.0	12.5mm thick cement sand plaster in (1:4) ratio on wall & (1:3) on ceiling with good finish including supplying of approved quality of cement & sand, racking the joint, Chipping the concrete surface, wetting of surfaces & curing the work all complete as per the design, drawing and specification..	M2	2443.83				
15.0	3 mm thick cement sand punning on floor using Concrete floor polish machine, skirting, dado etc, including mixing laying and rubbing with steel trowel to a hard, smooth and shining surface and curing all complete as per drawing and specification.	M2	99.17				
16.0	Supplying and making iron grill of 10 mm solid square rod in window and ventilation, & water tank of square pipes including cost of material, fixing and fitting, Painting as per drawing, instruction and approval of engineer - 4" c/c spacing.	KG	615.50				

17.0	Supplying and applying of White wash 2 coat on all new surface	M2	998.90						
18.0	Supplying and applying of Weather guard paint 2 coat including 1 coat primer with proper finishing as directed by engineer	M2	353.13						
19.0	Supplying and applying of Emulsion paint 2 coat including 1 coat of primer with proper finishing as directed by engineer	M2	645.78						
20.0	Providing of enamel paint 2 coat with 1 coat primer (wood primer on wood & metal primer on grill works)	M2	35.64						
21.0	Well seasoned salwood chaukhats for fixed/openable door/windows with good finish of approved quality including fixing in position with necessary M.S. hold fasts as per drawing and instruction all complete.	M3	0.91						
22.0	Making and fitting fixing Windows Panel shutter with 38*75mm thick sal wood frame including all necessary hardware fitting all complete.	M2	35.64						
23.0	Making and fitting fixing Panel door shutter with 38 mm thick sal wood frame including all necessary hardware fitting all complete.	M2	8.40						



Handwritten signature/initials



24.0	Procurement and Installation of Stainless Steel Railing in staircase 50 mm Dia. Handrail, 3 Lines of 20 mm stainless steel pipes, 40 mm dia. vertical post at 8 feet-8 feet and 75 mm dia. bolster Pipe with railing height of 90 cm. including all fancy items	Rm	14.00					
25.0	Electrical works all complete as (Including 16-cding Fan 48" ISI/NS, 22-LED light bulb 30 Watt, Bulb holder, fire resistance wire, wiring pipes, Modular switch board, MCB, MCB box)etc all complete	Job	1.00					
26.0	Aluminium Framed Sliding Door/cashment door with Section without mosquito net of 101 x 45 x 1.2mm with 5 mm thick Glass & 9mm Laminated board	M2	11.85					
27.0	Supplying, delivery and installation of Sanitary Works & water supply works including (UPVC Pipes Different dia.s, Waste Pipe WC Pan 5set with cisterns, Steel Taps, Basin 4 set, Male Urinals 3 set, 1000ltr HDPE water Tank, IHP Electric Water Motor with Tube well boring Set and all Fittings) all complete as instructed by site Engineer.	Job	1.00					
28.0	Supplying and fixing of Iron gate made up of 16 gauge black sheet on 50 X 50 X 5 mm M.S. angle frame according to design drawing including with all necessary accessories, all complete.	M2	6.48					
29.0	Supplying, fixing and laying of glazed /non glazed tiles in cement sand mortar in (1:4) ratio with approved color on wall and floor as per instruction all complete.	M2	64.66					
	Sub Total (B)=							
	Total A+B=							
	Vat 13%							
	Grand total							