

**All Civil works related costing**

Client Name : Mahendra Chavan  
 City :Pune  
**Postal Address:**509,Centerstreet,Bhopala chowk,Nr.Kohinoor Hotel,Camp,Pune-411001  
 Contact Numbers:  
**Bungalow Project -Opion B**

S. No.	Description	Quantity	Unit	NewRate	BOQ Amount
<b>SECTION "A" : EARTH WORK</b>					
1	<b>Block Excavation for Basement</b> in all kinds of filled earth, soils, soft or hard murum, loose or stiff clay:				
1.01	Block excavation in all kinds of filled earth, soils, soft or hard murum, loose or stiff clay in required depth up to 2.0 metre depth below ground level by mechanical equipment and machinery including necessary manual labour for grading of plinth area and external local areas around building including cost of dewatering by pump out underground water wherever required by approved method. The cost of hiring (cav) of providing retaining walls/slopes in a retaining at sides as required, refilling excavated earth on the sides of basement retaining walls in layers of 300 mm, watered & compacted. Stacking earth required for filling above raft & Carting away the surplus excavated earth from the site and desposing the same as per Local Corporation's norms & regulation. Note: i) Individual boulders which may be encountered in the excavations and which can be removed by crow bars/bucket of poclain excavator from the parent-matrix shall be removed and shall form part of this item and no separate payment will be made. ii) allowance of working space up to 1.0 metre will be granted in measurement or up to face of the actual cutting whichever is less.	1	C.M		
2.01	From 2 mtr. upto 4 mtr. Depth	14.58	C.M	150.65	2,196.48
4	<b>Earth filling within the site :</b>				
4.01	Providing and filling anywhere within plot with hard murum brought from out side in layers of 300 mm thick including cost of materials, transport by truck, loading and unloading including watering & compacting each layer with mechanical rammer to 95 % proctor dencity. ( consolidated volumn of filling will be measured for payment)	17.48	C. M.	376.05	5,715.96
4.02	Item same as per Item 5.01 above but filling using surplus excavated materials (which will be issued by the Client free of cost to the contractor) including loading, unloading and transporting by trucks from the site including compacting the filling to 95 % proctor dencity which shall be laid evenly layer by layer, each layer not exceeding 300 mm thickness including watering and bringing the filling to required levels ( consolidated volumn of filling will be measured for payment).	14.58	C. M.	83.95	1,064.34
5	Carting away the surplus excavated earth outside the plot and disposing it off as per the Local Corporation norms and regulation.	3	C. M	75	275.50
6	Anti-termite Preconstruction Treatment for foundation area : Note: Anti-termite treatment shall be carried out through specialised agency reputed in Pest Control Treatment and a member of Pest Control Association and approved by the Architect.				

7.01	Providing and injecting chemical emulsion Chloropyriphos ( 1 % concentration by weight) at the rate of 5 litres of emulsion per sq. metre of surface area for bottom and side of excavation and at the rate of 2.25 litre of emulsion per metre alongwith external perimeter of the building or equivalent chemical barrier under and all around the column pits, wall trenches, basement excavation, junction of pipes and conduits etc. complete. (basement raft area in plan including raft projection will be measured for the payment.)	63.4	S. M.	58.65	3,233.40
------	--	------	-------	-------	----------

S. No.	Description	Quantity	UOM	Rate	Amount Rs.
10 10.01	Rubble soling: Providing and laying 230 mm thick dry rubble packing with hard stones brought from outside including cost of transport, loading, unloading, hand set on base, consolidating the same by ramming including providing and filling/packing the interstices tightly with hand broken stone spalls( hand broken metal no. 4) and hard murum and blinding the top with 75 mm nominal size stone chips and hard murum to bring top surface to even level.	31.7	S. M.	182.85	5,796.35

#### SECTION "B" - PART II - CONCRETE - PLAIN & REINFORCED

S. No.	Description	Quantity	Unit	Rate	Amount Rs.
1	<p><b>CONCRETE</b></p> <p>Note:</p> <p>i) The items given below shall be as per the specifications for RCC work mentioned in Section 4.</p> <p>ii) Concrete mix proportion will be based on average weight of cement bags delivered at the mixer and not on theoretical weight of cement bags. Contractor shall allow for losses in weight of cement bags in transit and handling.</p> <p>iii) Contractor is entirely responsible to provide design concrete mixes at his own cost. The design mix is to be submitted by the contractor in advance for the approval by the Structural Consultant</p> <p>iv) The batching of aggregates shall be by volum controlled by weight or by weigh batcher.</p> <p>v) Shuttering and reinforcement shall be paid separately unless otherwise mentioned in the Item description.</p> <p>vi) Works include dewatering sub soil water to keep concreting area dry &amp; clean.</p> <p>vi) Work includes execution at all floors and levels.</p> <p>vii) Cement, Fly ash and reinforcement supply required for the work is included in the Contractor's scope of work.</p>				
1.01	Providing & Laying machine Mix 1:4:8 PCC below Basement raft, footing, tie beam including cost of shuttering wherever required.	1	C. M.	1.15	1.15
3.03	For Retaining walls, shear walls, walls	1	C. M.	1.15	1.15
3.04	For Floor Beams, tie beams	3.23	C. M.	3704.15	11,964.40
3.05	For Floor slabs, cantilever chajjas	29.5	C. M.	3685.75	1,08,729.63
3.06	For Staircase waist slab, steps, mid landing	2.35	C. M.	3736.35	8,780.42