

COTTAGE FOR MALLIYUR TEMPLE

ESTIMATE FOR CIVIL WORKS

04/10/07

Sl. No:	DETAILS OF WORK	QTY	PER	RATE	AMOUNT
1	Earth work excavation in all classes of soil but excluding hard rock including cutting, conveying and dumping the excavated soil as directed within a initial lead of 50 m and lift upto 1.5m including charges for refilling the sides of the foundation etc complete as per direction. The rate includes all the cost of tools, plants, labour conveyance etc.	25.00	m ³	150	3750.00
2	Providing and laying P.C.C. 1:4:8(1 part of cement, 4 parts of sand and 8 parts of metal) using 40mm metal including all cost of materials all labour charges, all lead and lift,curing, hire of form work, tools and plants etc. complete .	8.25	m ³	2800	23100.00
3	Supplying and filling good quality red earth without vegetations, roots, etc.including watering and ramming to consolidation in 15cm layers etc. complete for basement filling.	14.70	m ³	400	5880.00
4	Providing and applying antitermite treatment with approved chemical and with guarantee of protection against termite attack for a period of 10 years.	49.20	m ²	60	2952.00
5	Providing and constructing random rubble masonry in C M 1:6 (1part of cement and 6 parts of river sand) using best quality granite stones, including cost of all materials, all labour charges etc. complete for Retaining wall	23.00	m ³	1600	36800.00
6	Providing and laying R C C M20 using 20mm metal including all cost and conveyance of all materials all labour charges, including mixing, laying and consolidation all lead and lift, hire of form work, curing etc, complete.				
a	Column footing	0.45	m ³	5300	2385.00

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b	Columns	0.30	m ³	6000	1800.00
c	Beams	0.55	m ³	5800	3190.00
d	Lintels	0.85	m ³	5800	4930.00
e	Slabs (Flat)	2.35	m ³	5600	13160.00
f	Sloping slab	4.35	m ³	6000	26100.00
g	Sunshade	0.30	m ³	6000	1800.00
7	Providing reinforcement of high yeild stength ribbed tor steel bars of grade FE 415 for RCC works bend cold tied and placed in position including supplying and tying with 22 G iron wire for tor steel/mild steel according to structural drawings etc. complete at all levels.	10.10	Qtl	3600	36360.00
8	Providing and constructing brick masonry in CM 1:6 using 1st class country burnt best quality bricks including cost and conveyance of all materials, all labour charges, all lead and lift, scaffolding, curing etc. complete for 22 cm thick walls.	23.30	m ³	3500	81550.00
9	Providing and constructing brick masonry in CM 1:4 using 1st class country burnt best quality bricks including cost and conveyance of all materials, all labour charges, all lead and lift, scaffolding, curing etc. complete for 11 cm thick walls.	2.70	m ³	3600	9720.00
10	Plastering inside walls with cement mortar 1:4, 12mm thick one coat floated hard and trowelled smooth including cost and conveyance of all materials ,all labour charges, hire charges for scaffolding water curing etc complete.	160.00	m ²	120	19200.00

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11	Plastering outside walls with cement mortar 1:4, 12 mm thick one coat floated hard and trowelled smooth with grooves/corbels, watercutting, if required including cost and conveyance of all materials ,all labour charges, hire charges for scaffolding water curing etc complete.	110.00	m ²	130	14300.00
12	Ceiling plastering with cm 1:3, 9mm thick one coat floated hard and trowelled smooth water beading if required including cost of all materials, all labour,all lead and lift,water curing etc. complete.	71.00	m ²	120	8520.00
13	Plastering with CM 1:3, 15mm thick adding approved quality integrel water proofing compound added as per the instruction of manufactures including cost and conveyance of all materials, all labour charges, curing etc complete.	9.00	m ²	180	1620.00
14	----- do ----- do for terrace plastering	24.00	m ²	180	4320.00
15	Supplying and laying best quality M P tiles and ridges over a slop roof, including all cost, lead and lift etc. complete at all levels.	43.50	m ²	400	17400.00
16	Supplying and fixing good quality fully panelled Angili Wood door (single leaf) with 100mm x 60mm frame and panelled shutter with stiles and frame 32mm thick and 18mm thick panels sunk in the frame including cost of all necessary fitting as per detailed Architectural drawings.	1.75	m ²	3500	6125.00
17	-----do-----do--- Angili wood frame and shutter for double shutter door as per Architectural drawings.	2.70	m ²	3600	9720.00

Sl. No:	DETAILS OF WORK	QTY	PER	RATE	AMOUNT
18	Supplying and fixing glazed window with Angili wood outer frame 100mm x 60mm and shutter frame 75mm x 35mm and 4mm thick glass item includes all material cost including any carpentary work specially mentioned, fixing 6 Nos MS flat hold fast of size 40mm x 3mm of length 30 cm with screws and necessary 1:2:4 concrete or masonry, 4 Nos. anodised aluminium tower bolts of size 100mm,4 Nos 100mm butt hinges all hardwood beading to fix the glass etc. complete as per detailed Architectural drawings.	7.00	m ²	3400	23800.00
19	----do---- do--- for Angili wood ventilator as per drawing.	0.80	m ²	3500	2800.00
20	Providing and fixing MS. Grills as per drawings including cost of one coat of primer etc. complete	140.00	kg	52	7280.00
21	Painting two coats of water proof cement paint of approved colour and quality over a priming coat including cost & conveyance of all materials, all labour charges, preparation of surface etc. complete for outside walls.	110.00	m ²	60	6600.00
22	Painting walls inside with 2 coats of plastic emulsion paint of approved colour and quality over a coat of primer,and two coats of putty etc. complete for inside walls.	160.00	m ²	120	19200.00
23	---do --- do for ceiling without putty finish.	71.00	m ²	90	6390.00
24	Painting two coats of synthetic enamel paint of approved colour and quality over a coat of zinc chromate primer including cost and conveyance of all materials labour charges, rubbing withsand paper cleaning the surface etc.complete.	15.75	m ²	80	1260.00

Sl. No:	DETAILS OF WORK	QTY	PER	RATE	AMOUNT
25	Providing painting two coats with 'weather shade' or other similar approved quality anti-fungal weather proof paint on external and exposed surface of tiled roof including cost of all materials, labour, scaffoldings, conveyance etc complete at all levels.	43.50	m ²	60	2610.00
26	Supplying and laying best quality vitrified tiles of approved colour and quality over a base of cement mortar 1:4,15mm thick and pointing the joints & closing the voids with suitable filler material mixed with water to get same colour of the tile including cost of all materials and all labour charges etc. complete.	43.00	m ²	950	40850.00
27	----do ----- do for ceramic tiles for toilet.	5.00	m ²	600	3000.00
28	Supplying and fixing ceramic glazed tiles dadoing of approved quality fitting in C.M 1:1 using fine sand and pointing to match the colour of cement etc.complete.	18.00	m ²	600	10800.00
29	Miscellaneous works (3%)				13779.00
	TOTAL				473051.00