



ARUL ENGINEERING CONSULTANTS

74/3, D.N.C. Complex, Opp. State Bank of India (Upstairs)
Bye-Pass Road, DHARMAPURI - 636 701.

L.B.S. No. : 939/2009/F1
F.I.V. No. : F 22486
M.I.E.No. : M146009-3

Cell : 9443188852
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Er. D. ELANGO EASUVADIAN, B.E., F.I.V., M.I.E., PG. Dip. QS & Vol.,
Approved Valuer & Licence Building Surveyor

Date :

CERTIFICATE OF ESTIMATION

This is to certify that the cost estimate R.C.C Roof Residential Building.

In Survey No: 440/ 2B V.G.Palayam Village (Perumal Koil St) Ellakkiampatty Panchayat
Dharmapuri Taluk & District.

Owner : President & Treasure
.Evangelical Gospel Mission.
Dharmapuri.

Plinth area of Ground floor : 2069'25" Sqft

Total : 2069'25"

ABSTRACT ESTIMATE

- | | |
|--|-------------------|
| 1) Cost of construction of Ground floor (2069'25" X 1850.00) | Rs. 3,8,28,112.50 |
| 2) Cost towards Amenities & Miscellaneous items. | Rs. 1,1,71,887.50 |

Total Estimated cost Rs. 15,000,000.00

(Total Estimate cost is Rupee s One Core Fifty lakes only)

Place: Dharmapuri
Date:

Signature of Engineer

Er. D. Elango Easuvadian,
B.E., F.I.V., M.I.E., PG. Dip. QS & Vel,
F-22486, M-146009-3,
Arul Engineering Consultants,
Dr No. 74/1, D.N.C. Complex,
Bye Pass Road,
DHARMAPURI - 636 701.



ABSTRACT

Sl. No.	Quantity	Description of work	Rate (Rs.)	Per	Amount (Rs.)
1	1300.00 M ³	Earth work excavation and depositing on banks for all soils and sub soils except hard rock requiring blasting including all lead and lift.	1,500.00	1 M ³	1,950,000.00
2	6.00 M ³	Foundation concrete in C.C. 1:4:8 (one cement, four sand & eight HBG stone) using include cost conveyance and curing etc., Complete	8,000.00	1 M ³	48,000.00
3	20.00 M ³	R.R.Masonry in C.M 1:5 (One cement and five sand) using rubble stones including curing etc., Complete for Foundation and Basement.	13,500.00	1 M ³	270,000.00
4	20.00 M ³	Brick work in 1:5 (one cement an five sand) using best quality Chamber bricks including conveyance & curing etc., complete for Super structure	9,500.00	1 M ³	190,000.00
5	50.00 M ²	Supply, delivery and fixing of teak wood Doors, Windows and Ventilators using good quality country wood including the cost of all necessary fittings, paintings etc. complete.	19,000.00	1 M ²	950,000.00
6	30.00 M ³	Reinforced Cement Concrete in CC 1:2:4 (one cement, two sand and four 20 mm HBS jelly) include the cost of all reinforcement, cutting, bending, fabrication and curing etc. complete	12,000.00	1 M ³	360,000.00
7	6.00 M ³	Flooring concrete in CC 1:4:8 (One cement, four sand and eight 40mm HBS jelly) using 10 cm thick for all rooms include curing etc., complete.	7,500.00	1 M ³	45,000.00
8	16.00 M ²	Floor Finishing in marbonite Tiles with CM 1:3 (one cement and three sand) for all rooms including laying of the tiles laying, polishing and all necessary materials, etc. complete	9,600.00	1 M ²	153,600.00
9	3000.00 M ²	Plastering work in CM 1:5 (One cement and five sand) for both inside and outside Superstructure walls.	680.00	1 M ²	2,040,000.00
10	3000.00 M ²	White and Colour washing Inner side two coats with putty and finished with Royalle finish and outer side finished with show cem powderetc., complete .	320.00	1 M ²	960,000.00
11	LS	Provision for Electrifications	L. S.		1,200,000.00
12	LS	Provision for staircase	L. S.		180,000.00
13	LS	Provision for front gate and elevation works	L. S.		1,250,000.00
14	LS	Provision for Septic tank, Water supply and Sanitary arrangement including 6"dia bore hole with a depth of 550 feet etc. complete	L. S.		95,000.00
15	LS	Provision for Overhead tank sum water and motor fittings etc. complete.	L. S.		1,750,000.00
16	LS	Provision for showcase, Bedroom lofts, kitchen lofts with new wood cubboards and bearow	L. S.		1,400,000.00
17	LS	Provision for Rain water harvesting arrangements.	L. S.		5,000.00
18	IS	Provision for cremic and verify tities fitting for Bath w/C kitichan and porch area etc.complete	L. S.		2,150,000.00
19	LS	Provision for Unforseen items Petty supervision charges, etc. complete.	...		3,400.00
Total Rs. ...					15,000,000.00



Rs15,000,000 Core
(Rupees One Core Fifty Lakes Tonly)


 En. D. Elango Esriadian,
 P.E., R.V.T.W. No. 988/vel,
 F-22486, M. ...
 Civil Engineer & Consultants,
 ENGINEER No. 74/f. D.M. complex,

Estimate for the Proposed Construction of R.C.C Roof
Residential Building in Survey No.440/ 2B,Ptta
No:1156.at V.G.Palayam-Village,Lakkiampatti-Panchayat,
Dharmapuri-Taluk& District.

Applicant: Prcident & Trustees EVANGIAL GOSPEL

MISSION

DETAILED ESTIMATE

Sl. No.	Description of work	Nos.	L	B	D	Quantity
1	Earth work excavation and depositing on banks for all soils and sub soils except hard rock requiring blasting including all lead and lift.					
	Under Ground	1 x 1	8.25	2.56	36.60	772.99
	All cross Walls	1 x 1	5.30	2.56	36.60	496.59
	Sundries					30.42
						1,300.00 M ³
2	Foundation concrete in C.C. 1:4:8 (one cement, four sand & eight HBG stone) using include cost conveyance and curing etc., Complete					
	Under Ground	1 x 1	8.25	2.56	0.15	3.17
	All cross Walls	1 x 1	5.30	2.56	0.15	2.04
	Sundries					0.79
						6.00 M ³
3	R.R.Masonry in C.M 1:5 (One cement and five sand) using rubble stones including curing etc., Complete for Foundation and Basement.					
	FOUNDATION:					
	Footing - I					
	Walls all round	1 x 1	8.25	0.75	0.78	4.83
	All cross Walls	1 x 1	5.30	0.75	0.78	3.10
	Footing II					0.00
	Walls all round	1 x 1	8.05	0.60	0.60	2.90
	All cross Walls	1x 1	5.15	0.60	0.60	1.85
	BASEMENT:					0.00
	Walls all round	1 x 1	7.95	0.45	0.60	2.15
	All cross Walls	1x 1	5.05	0.45	0.60	1.36
	Sundries					3.81
						20.00 M ³
4	Brick work in 1:5 (one cement an five sand) using best quality Chamber bricks including conveyance & curing etc., complete for Super structure					
	GROUND FIRST SECONDFLOOR					
	All Main Walls	1 x 3	7.95	0.23	3.05	16.73
	Partition wall	1X 3	5.05	0.23	3.05	3.54
	Parapet wall	1 x 3	7.95	0.23	0.61	3.35
						23.62 M ³
	Deduction					
	Door - D	1 x 4	1.06	0.23	2.13	2.08
	Door - D1	1 x 2	0.90	0.23	2.13	0.88
	Door - D2	1 x 2	0.75	0.23	2.13	0.73
	Door - D2	1 x 2	0.75	0.15	2.13	0.48
	Window - W	1 x 2	1.52	0.23	1.37	0.96
	Window - W1	1 x 4	0.90	0.23	1.22	1.01
	Window - W2	1 x 2	1.22	0.23	0.75	0.42
	Window - W3	1 x 2	0.45	0.23	1.22	0.25
	Ventilator - V	1 x 4	0.60	0.23	0.60	0.33
						7.14 M ³
	Net Quantity of brick work= [23.62 - 7.14]					16.48
	Sundries					3.52
						20.00 M ³



Sl. No.	Description of work	Nos.	L	B	D	Quantity
5	Supply, delivery and fixing of Doors, Windows and Ventilators using good quality SAL wood including the cost of all necessary fittings, paintings etc. complete.					
	Door - D	1 x 8	1.06	-	2.13	18.08
	Door - D1	1 x 4	0.90	-	2.13	7.67
	Door - D2	1 x 3	0.75	-	2.13	4.79
	Window - W	1 x 2	1.52	-	1.37	4.16
	Window - W1	1 x 4	0.90	-	1.22	4.39
	Window - W2	1 x 4	1.22	-	0.75	3.66
	Window - W3	1 x 2	0.45	-	1.22	1.10
	Ventilator - V	1 x 10	0.60	-	0.60	3.60
	Sundries					2.55
						<u>50.00</u> M ²
6	Reinforced Cement Concrete in CC 1:2:4 (one cement, two sand and four 20 mm HBS jelly) include the cost of all reinforcement, cutting, bending, fabrication and curing etc. complete					
	Roof slab as per { plinth of G.F	-	194.10	M ² x	0.11	21.35
	Add extra for Lintel and Sunshade					8.65
						<u>30.00</u> M ³
7	Flooring concrete in CC 1:4:8 (One cement, four sand and eight 40mm HBS jelly) using 10 cm thick for all rooms include curing etc., complete.					
	Flooring concrete				Carpet area of G.F x 0.10 m 159.94 X 0.10 =	15.96
	Sundries					0.04
						<u>16.00</u> M ³
8	Floor Finishing in CM 1:3 (one cement and three sand) for all rooms including laying of the tiles laying, polishing and all necessary materials, etc. complete					
	Quantity from the above Item No.7m ³ /0.10m					160.00
	Sundries					
						<u>160.00</u> M ²
9	Plastering work in CM 1:5 (One cement and five sand) for both inside and outside Superstructure walls.					
	OutSide					
	Walls around the building	1 x 3	86.00	-	8.05	2,076.90
	InSide					
	All Rooms in the building	1 x 3	102.00	-	3.05	933.30
						<u>3,010.20</u> M ²
	Deduction for Openings					26.55
					Quantity from the above Item No.5	26.55
						<u>26.55</u> M ²
	Net plastering Area =	[3,010.20	-26.55]	2,983.65
	Sundries					16.35
						<u>3,000.00</u> M ²



Sl. No.	Description of work	Nos.	L	B	D	Quantity
10	White and Colour washing Inner side two coats with putty and finished with Royale finish and outer side finished with show cem powderetc., complete As per Plastering Area...				3,000.00 M ²
11	Provision for Electrifications		LS			LS
12	Provision for staircase		LS			LS
13	Provision for front gate and elevation works		LS			LS
14	Provision for Septic tank, Water supply and Sanitary arrangement including 6"dia bore hole with a depth of 550 feet etc. complete		LS			LS
15	Provision for Overhead tank sum water and motor fittings etc. complete.		LS			LS
16	Provision for showcase, Bedroom lofts, kitchen lofts with new wood cubboards and bearow		LS			LS
17	Provision for Rain water harvesting arrangements.		LS			LS
18	Provision for cremic and verify tities fitting for Bath w/C kitichan and porch area etc.complete		LS			LS
19	Provision for Unforseen items Petty supervision charges, etc. complete.		LS			LS



ENGINEER

A. Elango

Er. P. Elango Easuvadian,
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