

Name of Work:- Construction of Rajagopuram at the east entrance of Sri Vaikunda perumal temple, Mangadu, Chennai -600 122

Value of work put to tender Rs.31,97,639 /=-

Item No.	Quantity	Description	Rate	Unit	Amount	Total
1	250.00 M ³	Earth work excavation in all classes of soils except hard rock requiring blasting in soils such as silty clay mixed with small size of boulders etc,complete	69.52	M ³	17380	
2	32.00 M ³	Supplying and filling with good river sand complying with standard specification for filling in foundation and basement in layers of 15cm thick including labour for filling compacting etc, complete	421.50	M ³	13488	
3	10.00 M ³	Cement concrete 1:5:10 mix using 40mm I.S.S , H.B.G metal from approved quarry including cost and conveyance of all materials labour for mixing laying, compacting and curing etc., complete	1759.30	M ³	17593	
4		R.C.C 1:11/2:3 mix using 20mm I.S.S H.B.G metal from approved quarry including cost and conveyance of all materials but excluding supply and fabrication of steel but including labour for mixing laying, compacting and curing etc, complete.				
a	43.00 M ³	For raft foundation and plinth beam	3712.00	M ³	159616	
b	3.50 M ³	In kodavarai (ground floor)	3749.02	M ³	13122	
c	1.70 M ³	In Ist and II nd nilam	3822.89	M ³	6499	
d	19.00 M ³	In III rd to V th nilam	3896.76	M ³	74038	

5	M ²	Supplying and erecting steel Centering for slabs and soffits and shuttering upto 3.29 m height for plane surfaces such as slabs rectangular beams lintels and bedblocks, staircase waists, and landing beams canopy, with all cross bracings using M.S. sheets of 90cmx60cm size 10 gauge and stiffened with M.S.angles of 25mmx25mmx3mm size for boardings laid over silver oak joists supported by casurina props of size 10 to 13cm dia at 75 cm centres etc., complete.				
a	25.50	Up to basement	205.00	M ²	5228	
b	103.50	For plane surfaces	248.00	M ²	25668	
						332631

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Item No.	Quantity	Description	Rate	Unit	Amount	Total
					332631	
6	8.50 M.T.	Supplying and fabrication of steel for all R.C.C. items including cost and conveyance of steel, cost of binding wire space bars cover blocks including labour for cutting, bending, tying grills, providing overlaps etc., complete.	42891.50	M.T.	364578	
7	110.00 M ³	R.R.masonry in cement mortar 1;5, using good R.R. stone from approved quarry including cost and conveyance of all materials labour etc., complete for foundation.	1761.20	M ³	193732	

8		Brick work in cement mortar 1: 4 , using good stock bricks including all vargams, moulds, sthambams, mukhapathrams, koodu, nasi and all ornamental brick works complete, all pancharams, agarais, karnakoodus etc., forming part of core walls of vimanam/ Raja gopurams complete including cost and conveyance of all materials, including cement, all labour charges including marking pathies, shaping of bricks lifting of materials to required heights curing and all extra for working in heights curing and all extra for working in heights etc., complete. GOPURAM HEIGHT UPTO 50'-0" (EXCLUDING KALKARAM)				
a	159.00 M ³	kalkaram	3054.85	M ³	485721	
b	135.00 M ³	Gopuram	3937.73	M ³	531594	

9	434.00 M ²	Providing vargapoochu over the core wall of vimanam with cement mortar 1: 4 mix, complete including shaping the mukhapathram, mahanasi, koodu, all ornamental works to proper shape by embedding broken bricks rough plastering with C.M. 1:4 mix and finished with ornamental plastering and nayam theervai including cost and conveyance of all materials labour therefore lifting of materials all working in heights curing with water etc. complete including all extra for folding and including clearing the debris from the Vimanam/Gopurams -100 Sft. Superficial area. Vimanam of height upto 50'-0" (EXCLUDING KALKARAM)	1367.18	M ²	593356	
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		Scaffolding charges for vimanam with casurina posts and coconut keeths wherever necessary for main form work and providing with C/o			2501612	
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Item No.	Quantity	Description	Rate	Unit	Amount	Total
					2501612	

10	595.00 M ²	coconut keeth coverings providing ladder arrangements, country wood planks for working, inspection, etc., complete, hire charges only for erection maintenance and removing the same after completion of work.	78.50	M ²	46708
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11		<p>Providing new sudai Vighrams in the Vimanams / Rajagopurams with galvanized iron reinforcement of suitable dia with binding wire wherever necessary shaping the core with broken bricks set in C.M. 1:3 mix bringing the correct shape (lakshana) in confirmity with silpa sastra inclusive of special ornaments, weapons peetems etc., complete and providing nayam theervai wherever necessary inclusive of cost and conveyance of all materials such as cement broken bricks, sand GI rods binding wire all labour for working in heights, curing lifting of materials etc., complete.(one vighram accountable with one head with weapons ornamental customs etc., as per prathima lakshma. Vighram height is measurable from the crown top to the bottom of foof only. If the peedam is provided the rate with peedam may be adopted.)</p>			
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8 Nos	Vighram of height 1.5' to 2.5' with two hands	480.00	each	3840
20 "	Vighram of height 2.50" to 3.50' with two hands and peetam	832.00	"	16640
4 "	Vighram of height 2.50' to 3.50' with four hands	1040.00	"	4160
2 "	Vighram of height 2.50' to 3.50' with four hands with peetam	1196.00	"	2392
8 "	Vighram of height 3.50" to 4.50' with two hands	1296.00	"	10368
8 "	Vighram of height 3.50' to 4.50' with four hands	1620.00	"	12960
10 "	Vighram of height 3.50' to 4.50' with four hands with peetam	1863.00	"	18630
10 "	Vighram of height 4.50" to 5.50' with two hands	2312.00	"	23120
16 "	Vighram of height 4.50' to 5.50' with four hands	2890.00	"	46240

17 "	Vigraham of height 4.50' to 5.50' with four hands with peetam	3324.00	"	56508
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12	Flooring with paving stone fully dressed for all faces 10 cm thick laid in cement mortar 1:3 mix and pointed with cement mortar, 1:3			2743177
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Item No.	Quantity	Description	Rate	Unit	Amount	Total
					2743177	
12	9.50 M ²	mix including cost and conveyance of all materials labour etc., complete	535.70	M ²	5089	
13	3.00 M ²	Supply and fixing fully dressed cutstone door frames dressed to size on all faces for lintels door frames adipadi etc., in cement mortar 1: 3 mix including cost and conveyance of all materials labour for lifting working in heights etc., complete.	5430.00	M ²	16290	
14	780.00 kg	Supply and fixing M.S. grill work including fitted with 14 gauge M.S.sheet at front sideof approved design including cost and conveyance of all materials, labour for fixing in position etc., including one coat of primer etc., complete.	50.80	kg.	39624	
15	14.00 M ²	Supplying and fixing teak wood fully panelled temple pattern door including all ornamental curvings, providing ornamental flowers including cost and conveyance of all materials labour for wrought and put up etc., complete	11660.05	M ²	163241	
16	84.00 M ²	Special Ceiling plastering for R.C.C. slabs and beams etc., with cement mortar 1:3 10mmthick including cost and conveyance of all materials labour for hacking the concrete surface etc., complete	79.00	M ²	6636	

17	182.00 M ²	Plastering with cement mortar 1:5, 12 mm thick including cost and conveyance of all materials labour etc., complete.	68.50	M ²	12467
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18	434.00 M ²	Painting with multicolour (Panchavarnam) with good enamel paint complete for the vimanam /Raja gopurams including cost and conveyance of all materials labour charges including artist painter, working in heights lifting of materials cost of brushes etc., complete, which includes all extra for foldings -100 Sft. For Vimanam /Gopuram upto 50'-0" height. (excluding kalkaram).	400.27	M ²	173717
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19	269.50 M ²	Painting two coats with good redy mixed I st quality emulsion paint of approved colour and quality on newly plastered surface including cost and conveyance of all materials labour, cost of brushes etc., complete. For 10M2	121.00	M ²	32610
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Item No.	Quantity	Description	Rate	Unit	Amount	Total
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3192851

20	32.50 M ²	Best Varnishing of approved with good quality of varnish and on new wood work of including cost and conveyance of all materials labour, cost of brushes etc., complete.	76.00	M ²	2470
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21	26.00 M ²	Painting two coats with good ready mixed enamel paint of approved colour and quality on new iron work including cost and conveyance of all materials labour, cost of brushes etc., complete.	64.50	M ²	1677
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22	8.00 M ³	Dismantling,clearing away and carefully stacking materials useful for reuse for any thick ness of walls in brick/stone masonry in cement mortar walls under 3m high page - 24 in standard schedule of rates	79.90	M ³	639
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