

**ARULMIGU CHAMUNDEESHWARI AMMAN TEMPLE AT PERIYANKUPPAM VILLAGE, AMBUR TALUK AND  
TIRUPATTUR DISTRICT**

**TENDER SCHEDULE**

SI.NO	QTY	Unit	DESCRIPTION OF WORK	RATE IN FIGURES	RATE IN WORDS	PER	AMOUNT
1	16.0	cum	Dismantling and removing the existing damaged weathering course and pressed tiles to any thickness including removing all debris from the site of work.			cum	
2	60.00	cum	Earthwork excavation for foundation in all soils except hard rock requiring blasting to a full depth with initial lead and lift etc., complete as per standard specification			Cum	
3	25.00	cum	Supplying and filling in foundation in basement with filling sand in layers of not more than 150mm thickness well watered rammed and consolidated complying with relevant std specification including cost of supplying filling sand.			Cum	

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4	25.00	cum	Cement concrete 1:5:10 (One of cement five of sand and ten of HBG jelly )for foundation using 40mm gauge HBG jelly inclusive of shoring strutting and baling out water where ever necessary ramming curing etc.,complete in respects complying with relevant Std, Specification and as directed by the Dept, Officers.			Cum	
5	25.00	cum	Random Rubble masonry work in Combination mortar 1:1:5 ( One of Lime, one of cement and five of sand) Using selected stones and bond stones in foundation and basement including dewatering wherever necessary proper setting, curing with simultaneous pointing etc., complete complying with relevant standard Specifications.			cum	
6	30	cum	Brick work in Combination mortar 1:1:4 ( One of Lime, one of cement and four of sand) using stock bricks of size 8 3/4"x4 1/4"x2 3/4" including cost and conveyance of all materials and labour charges and all other incidental charges , curing etc complete complying with standard specification.			cum	

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7			<p>Providing and laying in position, Standardised Concrete Mix M-20 Grade in accordance with IS:456-2000, using 20mm and down graded hard broken granite stone jelly for all RCC items of works with minimum cement content of 325 kg/m<sup>3</sup> and maximum water cement ratio of 0.55, including admixture (plasticiser / super plasticiser) in recommended proportions as per IS:9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability with about (5 cu.m.) 7730 kg. of 20mm machine crushed stone jelly and with about (3.3 cu.m.) 5156 kg. of 10-12mm machine crushed stone jelly and with about (4.79 cu.m.) 7670 kg. of sand, but excluding cost of reinforcement grill and fabricating charges, centering and shuttering and also including laying, vibrating with mechanical vibrators, finishing, curing, etc. and providing fixtures like fan clamps in the RCC floor/ roof slabs wherever necessary without claiming extra, etc., complete complying with standard specification and as directed by theый сад" - МОСКВА Башня Москва (Москва-Сити)</p>				
	5.50	cum	For Foundation and basement			cum	

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8	242.00	sqm	Plastering with Combination mortar 1:1:4,12mm thick including cost and conveyance of all materials and all labour charges,curing etc,complete complying with standard specifications.			mt	
9	168	sqm	Providing granolythic floor finish 25mm thick with cement concrete 1:2:4 10 to 12mm hard metal stone jelly including cost of all materials and labour charges for laying rubbing the top surface for smooth etc., complete complying with standard specifications.			sqm	
10	16.00	cum	Weathering course concrete with broken brick jelly 20mm size and pure slaked lime over RCC roof slab, the proportion being 32:12.5 for required depth of 80mm for giving required slope and thickness of roof on required, well beaten with wooden beater etc, complete with standard specifications.			cum	

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11	105.00	sqm	Finishing the top of roof with one course of machine pressed tiles 20cmx 20cmx20mm of approved quality laid in Combination mortar 1:1:3,12mm thick mixed with water proofing compound 2% by weight of cement used and red oxid etc, complete with standard specifications.			sqm	
12	0.55	mt	Supplying and fabricating and placing in position MS/RTS grills for reinforcement including cost of steel for all works. The rate including cost of binding wire also, etc complete complying with standard specification.			mt	
13	252.00	kg	Supplying and fixing mild steel grill Gate including cost conveyance of all materials and fixing in position including priming coat , welding etc complete with standard specifications.			kg	
14	155	sqm	Cleaning the stone surfaces such as wall stones, pillar, pothiyal, uthiram,flooring and pavukkal from white wash/ colour wash including cost of necessary soap/ brushes labour charges for cleaning etc., complete as directed by departmental officers.			sqm	

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15	685.00	sqm	Painting two coat with first quality of approved Emulsion paint over the cement plastered wall surface, ceiling and other new surface including clearing preparing the surface curing in all floors including brushes etc., complete as per specification.			Sqm	
16	29	sqm	Supplying and erecting centering for sides and soffits including necessary supports and strutting for foundation and basement with all cross bracings using Mild Steel sheets of size 90 x 60 cm and 10 BG stiffened with welded Mild Steel angle of size 25mm x 25mm x 3 mm for boarding laid over silver oak joists of size 10cm x 6.50 cm spaced at abote 90 cm centre to centre and supported by casurina props of 10cm to 13 cm dia spaced at not more than 75 cm centre to centre etc. complete complying with the standard specificalton. (Payment for centering shall be given after the concrete is laid)(For plinth beam )			sqm	

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17			Scaffolding charges for Vimanans and gopurams with casurina posts coconut or plam trees wherever necessary for main, form work and providing with coconut keeth coverings, providing ladder arrangements, country wood plank for working, inpection etc, complete hire charges only for erection, maintainance and removing the same on completion of the work as directed by the departmental officers.				
	35.00	sqm	Vimanam / Gopuram upto 25'0" height			sqm	
	125.00	sqm	Vimanam / Gopuram upto 50'0" height			sqm	
18			Painting with multicolour (Panchavarnam) good quality water based Emulsion paints complete for the Vinamans/Gopurams, inculding cost and conveyence of all materials, lobour charges inculdinf Artist painter, working in heights, lifting of material, cost of brushes etc, complete-which including all extra for foldings, superficial area., as directed by departmental officers.				
	40.00	sqm	Vimanam / Gopuram upto 15'0" height excluding kalkaram			sqm	
	96.00	sqm	Vimanam / Gopuram upto 25'0" height excluding kalkaram			sqm	

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19	155	sqm	Labour charges for Pointing the Cut stone masonry work with combination mortar 1:1:2 excluding cost and conveyance of cut stone but including all labour charges scaffolding etc complete with standard specifications. The lime used should be sourced from Pollachi which is highly iron fortified and suitable for structural and masonry works, and as per standard specification.			sqm	
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**ELECTRICAL**

20	34.00	points	Wiring with 2 x 1.5 sqmm (22 / 0.3) PVC insulated SC unsheathed Copper conductor cable of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box in flush with wall with 5A F.T. switch, covered with hylum sheet of 3mm thick with painting of suitable colour, for open PVC light point / fan point (For electronic Regulator).5 points per COIL.			point	
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21	2.00	nos	Supply and fixing of single box type 4' 20 W LED fitting complete with TW round blocks on wall or ceiling with 20 W LED tube light with Single side connection with PVC unsheathed Copper leads from terminals to the fitting. ( Havells /equivalent)			each	
22	12.00	nos	fixing of single box type 4' 20 W LED fitting complete with TW round blocks on wall or ceiling with 20 W LED tube light with Single side connection with PVC unsheathed Copper leads from terminals to the fitting. ( Havells /equivalent) (labour charges only)			each	
23	3.00	nos	Supply and fixing of fancy 10W LED Focus Light Fitting complete with ultra modern enrgy saving , surface ,mounted decorative LED/luminaire			each	
24	4.00	nos	Supply and fixing of 30 W LED Street Light Fitting complete with 32 mm dia GI pipe (Class 'B') with 1 No 32mm GI Bend complete on the existing post/wall with water proof smc box with 10A SP MCB to be concealed in wall and 3 core 1.5 sqmm PVC unsheathed Copper cable interconnected between fittings and smc box. MS clamps and aluminum painting (Havells / equivalent)			each	

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25	4.00	nos	Fixing of 30 W LED Street Light Fitting complete with 32 mm dia GI pipe (Class 'B') with 1 No 32mm GI Bend complete on the existing compound wall /gopuram side ,post/wall with water proof smc box with 10A SP MCB to be concealed in wall and 3 core 1.5 sqmm PVC unsheathed Copper cable interconnected between fittings and smc box. MS clamps and aluminum painting (Havells / equivalent) , labour charges only.			each	
26	8	nos	Fixing of 1200mm (48") AC Ceiling fan complete with stepped electronic 300 w regulator with 1 Metre down road with fan clamp (ceiling fan available in the temple)			each	
27	1.00	no	Fixing of AC exhaust fan complete with necessary clamping etc.,labour charges only (exhaust fan available in the temple)			each	
28	2.00	points	wiring with 2x 1.5sqmm (22/03)PVC insulated singlr core unsheathed copper conductor of 1100 grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with 150mm x 100mm x 113mm TW switch box in flush with wall with 3mm thick hylem sheet cover for 5A/15A 3pin and 2pin non inter locking wall socket with 6A flush type with painting of suitable colour with continous earth wire connection of 14swg TC wire for open PVC plug point (for gong bell and power plug)			point	

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29	2.00	nos	Wiring for single phase open well motor point 5HP submersible using 10A MCB control in a metal box, (includes 3 x 4 sqmm flatable 10mts length)			each	
30	2.00	points	wiring with 2x 1.5sqmm (22/03)PVC insulated singlr core unsheathed copper conductor of 1100 grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with 150mm x 100mm x 113mm TW switch box in flush with wall with 3mm thick hylem sheet cover for 6A 3pin non inter locking wall socket with 6A flush type with painting of suitable colour with continous earth wire connection of 14swg TC wire for open PVC plug point (for gong bell and power plug)			point	
31	20	meter	Supplying and run of 2 of 4 sqmm (56/0.3) PVC insulated single core copper unsheathed Conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continous earth wire connection of 14 SWG T.C wire good of the concealed protion with suitable colour.			m	
32	50.00	meters	Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated copper conductor of 1100V grade in rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire (For Street Light and light fitting)			m	

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33	5.00	meters	Supplying and run of 2 of 6 Sqmm (84/0.3) PVC insulated Single core copper unsheathed conductor of 100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire good of the concealed portion with suitable colour ( For LDB Run )			m	
34	1	no	Supply and fixing of 12 way single pole neutral MCB sheet steel enclosure distribution board with 1no 32A DP MCB as incoming and 10 Nos 6Amps SP MCB ,to32Amps SP MCB, Outgoing on suitable angle iron frame work with earth connection only. The MCB DB and MCB's should be with ISI mark (Make Legrand (MDS)/Hager (L&T)/Equivalent.)			each	
35	15	meter	Supply and run of 4 x 6 sq.mm. (84/0.3) PVC insulated single core unsheathed copper conductor of 110V 7/20 GI bearer wire for service connection.			m	

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36	3	meter	Supply and run off 4 x 6 sqmm 84/0.3 PVC insulated single core unsheathed copper conductor of 1100v grade in 32mm dia GI pipe (class -B) suitable bent at both ends with necessary AI upright and end support for mains.			m	
37	1	No	Fixing of 5Amps or 10 Amps AC single phase, 230 V, 50Hz watt hour meter on suitable teak wood box complete with earth connection (existing meter available in temple) Labour charges only.			each	
38	1.00	No	Supply and fixing of TNEB meter board suitable for 3 phase 100A service connection made up of suitable angle iron frame work of size 1 1/2" x 1 1/2" x 1/4" rigidly fixed on wall covered with hylem sheet of size 3feet x 2feet of 12 mm thickness with necessary bolts and nuts supports and supply and fixing of 3nos 100 A fuse units (500v) 1no. neutral link, copper earth flat of size 1" x 1/4" with inter connection of EB meter to fuse units by 19/16 PVC insulated copper wire with earth connection complete.			each	

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39	1	No	Earthing as per ISI specification with an earth electrode of 2.1m class 'B' GI pipe of dia. not less than 40mm, with copper earth plate of size 125mm X 50mm X 6mm with necessary funnelling arrangements with necessary masonry work and with 38mm RCC cover slab for the brick masonry.			Nos	
40	5	meter	Supply and run of 1 of No. 8 SWG copper wire for earth connection.			Nos	

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