

TENDER SCHEDULE - 'A'

Name of Work : **Construction of Annathana Koodam for 108 Seats at Arulmighu Subramaniaswamy Thirukovil Chennimalai (On hills), Perundurai Taluk & Erode District.**

S. No.	Probabel Quantity	Description of Works	Rate	In words	Unit	Amount
1.	67.50 Cum (Sixty Seven and point five zero Cubic Metre)	Removing hard rock by wedging, chiseling and trimming to proper shape where blasting is prohibited			1 Cum (One Cubic Metre)	
1a.	691.75 M (Six Hundred and ninety one and point seven five Metre)	Drilling Holes is hard granite 32mm diameter			1 M (One Metre)	
1b.	49.00 Cum (Forty nine and point zero zero Cubic Metre)	MR-&DMR (not requiring blasting) avating deposting on bank with initial lead ad lift in medium rock and dense medium rock and dense medium rock not requiring blasting etc., complete complying with standard specification.			1 Cum (One Cubic Metre)	
2.	35.00 Cum (Thirty Five and point zero, zero Cubic Metre)	Supplying and filling in foundation basement, etc with filling sand in layers of not more than 15 cm thick well watered. rammed and consolidated etc., complete complying with standard specification and as directed by the departmental officers			1 Cum (One Cubic Metre)	

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3.	133.00 Cum (One hundred and Thirty Three and point zero, zero Cubic Metre)	Refilling with excavated earth other than sand with an initial head load of 100 mts. and depositing the earth as shown by the departmental officers in layers of not more than 15 cm thick well rammed, watered and consolidated etc., complete complying with standard specification			1 Cum (One Cubic Metre)	
4.	30.00 Cum (Thirty and point zero, zero Cubic Metre)	Cement concrete 1:5:10 (one cement five sand ten aggregate) using 40mm gauge hard granite broken stone jelly for foundation including cost and conveyance of all materials labour for mixing laying, compacting, curing, dewatering, side shuttering, wherever necessary including curing etc., complete complying with standard specification and as directed.			1 Cum (One Cubic Metre)	
5.	135.00 Sqm (One Hundred and Thirty five and point zero, zero Square Metre)	Supplying and erecting steel centering including necessary supports for plane surfaces for Reinforced Cement Concrete works such as column footings, column pedestals, plinth beams, grade beams, staircase steps, etc., which require only nominal strutting, using mild steel sheets of size 90cm x 60cm and 10 BG stiffened with welded mild steel angles of size 25mm x 25mm x 3mm for boarding, laid over silver oak joists of size 10cm x 6.5cm spaced at about 75cm centre to centre or at suitable intervals etc., complete in all floors complying with standard specification. (Payment for centering shall be given after the concrete is laid)			1 Sqm (One Square Metre)	

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6.		Providing form work for centering the soffits of all reinforcement cement concrete surfaces M.S. sheets of 90x60cmx10 gauges stiffened with welded M.S. angel of size 25x25x3mm laid over silver oak joints of size 10cmx6.50cm spaced at about 90cm center to center and supported by casurina props of 10cm to 13cm dia spaced at 75cm center to center complying with standard specification and as directed.				
	360.00 Sqm (Three Hundred and sixty and point zero, zero Square Metre)	Roof slab and Beams			1 Sqm (One Square Metre)	
	171.00 Sqm (One Hundred and Seventy one and point zero, zero Square Metre)	Column and sunshade			1 Sqm (One Square Metre)	
	20.00 Sqm (Twenty and point zero, zero Square Metre)	Curved Surfaces			1 Sqm (One Square Metre)	
	12.00 Sqm (Twelve and point zero, zero Square Metre)	Circular Surface			1 Sqm (One Square Metre)	

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7.		Reinforced cement concrete M 20 mix using 20 grade size of hard broken granite stone for all RCC works using machine for mixing concrete excluding cost of steel, fabrication of reinforcement, centering and shuttering and placing the grills in position etc., complete complying with standard specification.				
	33.00 Cum (Thirty Three and point zero, zero Cubic Metre)	a) Foundation and basement			1 Cum (One Cubic Metre)	
	57.00 Cum (Fifty Seven and point zero, zero Cubic Metre)	b) Ground Floor			1 Cum (One Cubic Metre)	
8.	12.60 MT (Tweleve and point Six zero Metric Tonne)	Supplying fabricating and placing in position mild steel/Ribbed Tar steel grills for all RCC works as per design given including cost of steel and G.I binding wire in all floors etc., complete complying with standard specification (Contractor has to make his own arrangements for the supply of steel and binding wire)			1 MT (One Metric Tonne)	
9.		Brick work in following cement Mortar 1:6 using best quality II class Ground moulded bricks size 9" x 4 3/8" x 2- 3/4" for foundation and basement including curing, etc., complete complying with standard				
	27.00 Cum (Twenty Seven and point zero, zero Cubic Metre)	a) Foundation and Basement			1 Cum (One Cubic Metre)	

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	60.00 Cum (Sixty and point zero, zero Cubic Metre)	b) Ground floor			1 Cum (One Cubic Metre)	
	13.00 Cum (Thirteen and point zero, zero Cubic Metre)	c) Brick Masonry 1:4			1 Cum (One Cubic Metre)	
10.	570.00 sqm (Five Hundred and seventy and point zero, zero Square Metre)	Special ceiling plastering and finishing the exposed surface of all RCC items of work such as slabs, beams, sunshades, facia, canopy slab, staircase waist slab, landing slab etc., with Cement Mortar 1:3 (One cement and three sand) 10mm thick including hacking the surfaces, providing cement mortar nosing, beading for sunshades, staircases, steps landing slabs and curing, etc., in all floors complying with standard specification and as directed by the departmental officers.			1 Sqm (One Square Metre)	
11.	800.00 Sqm (Eight Hundred and point zero, zero Square Metre)	Plastering with Cement Mortar 1:5 (One cement and Five sand) 12mm thick in all floors including curing etc., complete complying with standard specification and as directed by the departmental officers.			1 Sqm (One Square Metre)	

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12.	18.00 Cum (Eighteen and point zero, zero Cubic Metre)	Providing Weathering Course Concrete to an average thickness of 8cm with 20mm size Broken brick jelly in lime mortar over roof slab including laying, consolidating, finishing etc., complete.			1 Cum (One Cubic Metre)	
13.	230.00 Sqm (Two Hundred and Thirty and point zero, zero Square Metre)	Finishing the Top of Roof with One course of machine pressed Tiles 200x200x20mm in C.M. 1:3- 12mm thick mixed with water Proofing Compound, Red oxide and pointing with same mortar etc.,			1 Sqm (One Square Metre)	
14.	195.00 Sqm (One Hundred and Ninety Five and point zero, zero Square Metre)	Paving the floor with kota stone slab of size 600 x 600 of 18/20mm (Un-polished) in all floors laid in of cement mortar 1:3 (One cement three sand) 20mm thick and pointed with colour cement neatly including polishing with polishing stone and oxalic acid etc., so as to perfectly smooth and glossy and including hire charges for polishing machine and power consumption charges etc., The kota stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete as per standard specification.			1 Sqm (One Square Metre)	

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15.	24.00 Sqm (Twenty four and point zero, zero Square Metre)	Paving the floor with Concrete anti-skid tiles to required shape and design of 20mm thick of approved quality and colour laid in cement mortar 1:3 (One cement and three sand) 20mm thick and pointed with white cement mixed with colouring pigment at the rate of 0.40 kg/sq.m curing etc., complete complying with standard specification and as directed by the departmental officers. (The make and brand of the tiles should be got approved by Executive engineer before use on works)			1 Sqm (One Square Metre)	
16.	60.00 RM (Sixty and point zero, zero Running Metre)	Providing & fixing rain water down fall pipes of 110mm dia pvc pipes 4kg/Sqcm with necessary shoes bends clamps screws nails etc complete with standard specifications.			1 Rm (One Running Metre)	
17.	0.50 Cum (Zero and point five, zero Cubic Metre)	Supplying and fixing of Teak wood frames including Labour wrought and put upt as per standard specifications			1 Cum (One Cubic Metre)	

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18.	16.00 Sqm (Sixteen and point zero, zero Square Metre)	Supplying and fixing of Flush door shutter single leaf in position using 35mm thick solid core Flush shutters with commercial ply on both sides with teak wood lipping around including cost and labour for fixing the hold fasts and furniture fittings etc., complete as directed by the departmental officers complying with standard specification.			1 Sqm (One Square Metre)	
19.	37.00 Sqm (Thirty seven and point zero, zero Square Metre)	Supplying and fixing UPVC windows of casement type of the following sizes of approved standard quality 1.50x1.75m, 1.20x1.75m, 1.20x1.30m, 0.90x1.30m. The window should be of multi chambered sections with wall thickness of 2.2mm reinforced with hot dip galvanized to 125GSM and 100% corrosion free. The corners and joints should be screwed and pasted. The window should withstand weather and resist UV radiation. Pin headed glass of 4mm thick should not allow leakage of water even in most ranging storms and should have multi chamber profile with double seal that ensures inherent insulation against sound infiltration. The window shutter should have key lockable action security protective hinges, strong double and triple glazing options are to be provided as per the size for arresting noise and energy loss. The connecting mechanism between sash & outer frame that enables opening of the window to the desired size and non corrosive SS304 grade should be used for friction stay. The window should be fixed to the wall with 100% packing with screws and silicon packing allround the frames. The cost inclusive of supplying conveying and fixing in position by sealing the gap between the window and the wall with silicon etc.,			1 Sqm (One Square Metre)	

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20.	740.00 Kg (Seven Hundred and forty and point zero, zero Kilo gram)	Supplying and fixing mild steel grill Gate including cost conveyance of all materials and fixing in position including priming coat etc complete with standard specifications.			1 Kg (One Kilo gram)	
21.	355.00 Sqm (Three Hundred and fifty five and point zero, zero Square Metre)	Painting two coats with cement paint of first class quality and approved colour, including priming coat and through scrapping and clean removal of dirt etc., complete as per standard specification.			1 Sqm (One Square Metre)	
22.	865.00 Sqm (Eight Hundred and Sixty five and point zero, zero Square Metre)	Paining two coats of newly plastered wall surface with Water based Exterior emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.			1 Sqm (One Square Metre)	
23.	36.00 Sqm (Thirty Six and point zero, zero Square Metre)	Painting new wood work with two finishing coats of synthetic enamel ready mixed paint of approved quality and colour over one coat priming coat in all floors including the cost of primer etc., complete complying with standard specification. (The make quality and colour of paint should be got approved by the Executive Engineer before use on works)			1 Sqm (One Square Metre)	

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24.	37.00 Sqm (Thirty Seven and point zero, zero Square Metre)	Painting new iron works such as gate, steel doors windows ventilators with two coats of approved quality and colour of synthetic enamel paint over the existing red oxide primer in all floor etc., complete complying with standard specifications.			1 Sqm (One Square Metre)	
25.	160.00 Sqm (One Hundred and sixty and point zero, zero Square Metre)	Dadoing walls with following best approved quality, colour glazed tiles of following sizes set in Cement Mortar 1:2 (One Cement and Two sand) 10mm thick and pointing the joints with white cement mixed with colouring pigments at the rate of 0.40 kg/sq.m. neatly in all floors, curring, etc., complying with standard specification and as directed by the departmental officers.			1 Sqm (One Square Metre)	

Total Items : 25 Nos. (Twenty Five only)

(Rupees

only)

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TENDER SCHEDULE – ‘B’

Name of Work : **Construction of Annathana Koodam for 108 Seats at Arulmighu Subramaniaswamy Thirukovil Chennimalai (On hills), Perundurair Taluk & Erode District.**

Lead Statement For the Year of 2017 - 2018											
Sl. No.	Name of the Materials	Source of Supply	Lead in KM		By head load	Rate	Unit	Conveyance		By Head load	Total
			Plain	Hills				Plain	Hills		
1.	Cement	at Site			230m	6850.00	1MT			152.80	7002.80
2.	Steel	at site			230m	43500.00	1 MT			220.20	43720.00
3.	Sand for Mortor and filling	Visvanathapuri	77	4	230m	176.40	Cum	552.93	75.12	100.30	904.75
4.	Country bricks of size 8 -3/4 x4 1/4 x 2 1/4	Vellakoil	29	4	230m	4095.00	1000 Nos	332.77	105.68	160.00	4693.45
5.	Country bricks of size 8 -3/4 x4 1/4 x 2 3/4	Vellakoil	29	4	230m	5205.00	1000 Nos	332.77	105.68	160.00	5803.45
6.	2 nd class ground moulded Chamber bricks size 9" x 43/8" x 23/4"	Vellokoil	29	4	230m	6015.00	1000 Nos	332.77	105.68	160.00	6613.45
7.	Brick jelly – 20 mm	Vellokoil	29	4	230m	718.00	Cum	25.84	51.68	100.30	895.82
8.	HBG stone jelly 40mm	Goundampalayam	18	4	230m	934.00	Cum	37.56	75.12	134.80	1181.48
9.	HBG stone jelly 20mm	Goundampalayam	18	4	230m	1300.00	Cum	37.56	75.12	134.80	1547.48
10.	HBG stone jelly 10 -12mm	Goundampalayam	18	4	230m	1650.00	Cum	37.56	75.12	134.80	1897.48
11.	Rough Stone	Goundampalayam	18	4	230m	413.00	Cum	37.56	75.12	134.80	660.48

12.	Bond stone	Goundampalayam	18	4	230m	567.00	Cum	37.56	75.12	134.80	814.48
13.	Slacked Lime	Local	5	4	230m	1285.00	Cum	25.84	51.68	100.30	1462.82
14.	Shell Lime	Local	5	4	230m	947.00	Cum		51.68	100.30	1098.98
15.	Pressed tiles 20 x 20 x 2cm	Perundurair	14	4	230m	11390.00	1000 nos	70.95	42.28	80.00	11583.00

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Name of Work : **Construction of Annathana Koodam for 108 Seats at Arulmighu Subramaniaswamy Thirukovil Chennimalai (On hills), Perundurai Taluk & Erode District.**

SCHEDULE - D

SPECIAL CONDITIONS

1. No material will be supplied by the temple.
2. The contractor's rate shall not be inclusive of sales tax if any, has to pay to the government.
3. The contractor should make own arrangement for all material for all tools and plants such as mixture machine etc., required for the works.
4. As soon as the contract is accepted the contractor should give a programme of works which he proposes to adopt for execution. The programme of work should be in conformity with the rate of progress specified.
5. No extra charges for the supply of water will be paid for any of the items and contractor's rate should be inclusive of the same and the contractor should make his own arrangements for supply of water required for this work.
6. The materials used by the contractor should be in conformity with TNDSS and institutions in force.
7. One Diploma holder who passed civil engineering should be employed as technical assistant for the supervision of work.

SIGNATURE OF EXECUTIVE OFFICER

SIGNATURE OF CONTRACTOR.

Name of Work : Construction of Annathana Koodam for 108 Seats at Arulmighu Subramaniaswamy Thirukovil Chennimalai (On hills), Perundurai Taluk & Erode District.

I/We _____

_____ offer to execute the above work with a tender percentage excess (plus) _____(words)

_____Less (minues)_____

(Words)_____

Over the departmental estimated value to tender indicated above. In cause of variation in quantity of various items of works during execution, I/We agree that the amount payable for the individual item of work will be as per the departmental unit rates indicated in the tender schedule for the items as varied in accordance with the tender premium and the actual quantity of work done”.

1) Estimate Amount put to Tender

2) Excess/Less Amount

3) Agreement Value.

Executive Officer

Contractor.