

**SCHEDULE - A**

Name of Work:

**Construction of Chappal Stand and Cloak room in Therku vasal of Arulmigu Aranganatha swamy Temple, Srirangam.**

Value of Contract Rs. 17,50,951.00/-

Date of tender : 18.03.2015

Issued to :

EMD : Rs. 18000/-

Time for Completion: 2 Months

JOINT COMMISSIONER / EXECUTIVE OFFICER.

SI No	Probable Quantity	Description of work	TNDSS No.	Rate quoted by Contractors		Unit	Amount
				in words	Figures		
1	101.00m <sup>3</sup>	Earth work excavation for foundation in all soils and subsoils and to full depth as may be directed except in hard rock requiring balsting but inclusive of shoaring, strutting and baling out water wherever necessary and refilling the sides of foundation including cost and conveyance all materials and all labour charges etc, complete.				1m <sup>3</sup> (one cubic metre only)	
2	32.00m <sup>3</sup>	Supplying and filling with river sand in foundation and basement in layers of not more than 15cm thick, well rammed, watered and consolidated including cost and conveyance all materials and all labour charges etc, complete complying with standard specification.				1m <sup>3</sup> (one cubic metre only)	
3	15.00m <sup>3</sup>	Plain cement concrete 1:5:10 using 40mm size hard broken stone jelly including cost and conveyance all materials and all labour charges including consolidation of concrete etc, complete.				1m <sup>3</sup> (one cubic metre only)	

Contractor

No. of Corrections :

No. Over Writing :

Joint Commissioner / Executive Officer

4	79.00m <sup>2</sup>	Supplying and erecting steel centering including necessary supports for plane surface 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 10BG 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 center to center or at suitable intervals etc, complete in all floors including cost and conveyance all materials and all labour charges etc, complete complying with Standard Specification [Without Strutting].				1m <sup>2</sup> (one square metre only)	
5	155.00m <sup>2</sup>	Supplying and erecting centering for sides and soffits including necessary supports and strutting upto 3.29m height for plane surfaces as detailed below in all floors with all cross bracings using Mild Steel sheets of size 90cm x 60cm x and 10BG stiffened with welded Mild Steel angle of size 25mm x 25mm x 3mm for boarding laid over silver oak joists of size 10cm x 6.50cm spaced at above 90cm centre to centre and supported by casurina props of 10cm to 13cm dia. spaced at not more than 75cm centre to centre including cost and conveyance all materials and all labour charges etc, complete with the standard specification. (Payment for centering shall be given after the concrete is laid)				1m <sup>2</sup> (one square metre only)	
6	37.77m <sup>2</sup>	Centering for curved surface including cost and conveyance all materials and all labour charges etc, complete.				1m <sup>2</sup> (one square metre only)	
7	80.00m <sup>2</sup>	Centering for rectangular (or) square columns and box slabs including cost and conveyance all materials and all labour charges etc, complete.				1m <sup>3</sup> (one cubic metre only)	

8		Cement Concrete 1:1½ :3 using 20mm gauge or hard broken granite matel ISS for all RCC works complying with standard specification excluding cost of centering fabrication of steel but including cost of all materials required labour charges, conveyance etc and including curing and removal of centering after 21 days curing.					
a)	18.00m³	For Foundation and basement				1m³ (one cubic metre only)	
b)	28.50m³	Superstructure				1m³ (one cubic metre only)	
c)	5.00m³	Columns				1m³ (one cubic metre only)	
9	51.50Qtl	Supplying, fabricating and placing in position Mild Steel rods or RTS rods for all RCC works as per design given including cost of steel and GI binding wire in all floors including cost and conveyance all materials and all labour charges etc, complete.				1Qtl (one qtl only)	
10		Brick Work in Cement Mortar 1:5 (one cement and five sand) using Country bricks of size 8¾"x4¼"x2¼" for foundation and basement including curing, including cost and conveyance all materials and all labour charges etc, complete.					
a)	16.50m³	Foundation and basement]				1m³ (one cubic metre only)	
b)	26.00m³	Superstructure upto 4.5m level				1m³ (one cubic metre only)	
11	320.00m²	Plastering with Cement Mortar 1:5 (One cement and Five sand) - 20mm thick including cost and conveyance all materials and all labour charges etc, complete.				1m² (one square metre only)	

12	180.00m <sup>2</sup>	Special ceiling, plastering and finishing exposed surfaces of RCC with CM 1:3 - 10mm thickness including hacking providing CM 1:3 bedding including cost and conveyance all materials and all labour charges etc, complete.				1m <sup>2</sup> (one square metre only)	
13	100.00m <sup>2</sup>	Paving the floor with best approved quality fine polished Grnite Stone Slabs of size 4'0" x 2'0" of 18/20mm thick of Jet Black with machine cut edges laid over a cement mortar bed of 20mm thick using CM 1:3 (one cement and three sand) fixing the slabs with required cement slurry and laid true right angles with minimum possible width of joints and pointing the joints with white cement mixed with mathcing colouring pigments etc., The granite stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work including cost and conveyance all materials and all labour charges etc, complete.				1m <sup>2</sup> (one square metre only)	
14	50.00m <sup>2</sup>	Dadoing walls with colour ceramic tiles of size 200 x 100 x 6mm set in CM 1:3 - 12 mm thickness and pointed with same color cement (white cement mixed with color pigments) neatly laid in position to be perfectly smooth and shining to alignment including cost and conveyance all materials and all labour charges etc, complete..				1m <sup>2</sup> (one square metre only)	
15	9.00m <sup>3</sup>	Weathering course concrete using best quality broken brick jelly - 20mm size in slacked (lime no sand to be used) in proportion being 32:12½ Cft and well beaten with wooden rammer including cost and conveyance all materials and all labour charges etc, complete..				1m <sup>3</sup> (one cubic metre only)	

16	110.00m <sup>2</sup>	Finishing the top of roof with one course of machine pressed tiles of size 230mm x 230mm x 20mm of approved quality set in Cement Mortar 1:3 (One Cement and Three Sand) 12mm thick mixed with water proofing compound confirming to ISS at 2% by weight of cement used and the joints pointed neatly to full depth of tiles with the same cement mortar mixed with red oxide and water proofing compound including curing, including cost and conveyance all materials and all labour charges etc., complete complying with standard specification and as directed by the departmental officers				1m <sup>2</sup> (one square metre only)	
17	5.22m <sup>2</sup>	Supplying and fixing in position Teak Wood door rd panelled and rd glazed double leaf inclusive of cost door frames & shutters, labour for wrought and put up in position frames and shutters with hold fasts wind appliances furniture fittings including cost and conveyance all materials and all labour charges etc., complete complying with standard specification.				1m <sup>2</sup> (one square metre only)	
18	11.00m <sup>2</sup>	Best varnishing of wood work two coats including cost and conveyance all materials and all labour charges etc., complete.				1m <sup>2</sup> (one square metre only)	
19	167.00kg	Supplying and fixing or Ornamental MS Grill of approved design for open court yard, grill work to doors and window openings etc., using necessary mild steel flats for inner and outer member which should be fixed on edges including cost and conveyance all materials and all labour charges etc., complete complying with standard specification.				1kg (one kilo gram only)	
20	23.81m <sup>2</sup>	Supplying and fixing Rolling Shutter with Guide angle springs ISI make 18 gauge MS Sheet of shutter with hood cover with one coat of primer including cost and conveyance all materials and all labour charges etc., complete complying with standard specification.				1m <sup>2</sup> (one square metre only)	

21	220.00m <sup>2</sup>	Supplying and painting the walls with two coats of oil bound distemper over one coat of water based cement primer, including cost of primer, distemper, scrapping the wall, rendering the walls smooth patti, including cost and conveyance all materials, scaffolding and all labour charges etc., complete complying with standard specification.				1m <sup>2</sup> (one square metre only)	
22	300.00m <sup>2</sup>	Painting two coats over newly plastered surface with paint (exterior emulsion paint) of first class quality of approved colour over water based primer (liquid) including through scrapping, clean removal of dirt and including plastering of parris putti wherever necessary including cost and conveyance all materials and all labour charges etc., complete.				1m <sup>2</sup> (one square metre only)	
23		Supplying and Painting over new iron works with two coats of best approved first quality and colour of synthetic enamel paint over the existing red-oxide priming coat in all floors excluding priming coat including cost and conveyance all materials and all labour charges etc, complete complying with standard specification. (The make, quality and colour of paint should be got approved before use on works.)					
a)	52.00m <sup>2</sup>	Without Primer				1m <sup>2</sup> (one square metre only)	
b)	10.00m <sup>2</sup>	With Primer				1m <sup>2</sup> (one square metre only)	
24	11.00RM	Supplying and fixing PVC down fall pipe of dia 110mm with necessary shoe bends, clamps, fixing with teak wood, screws, clamps, cost, conveyance and labour etc, complete.				1RM (one running meter only)	

25	50.00RM	Supplying laying and joining GI pipes below G.L. alignment including fixing of required GI specials, including cost and conveyance of materials and all labour charges etc, complete.				1RM (one running meter only)	
26	1.00No	Supplying and fixing Gun Metal Wheel Valve 32mm diameter, Including cost and conveyance of materials and all labour charges etc., complete.				1No (Each)	
27		Supplying laying and joining PVC pipes of the following size with necessary specials, elbows, T-ees, reducers, plugs, unions, bends, cuplings, gate valve, check valve, wheel valve etc., wherever necessary including labour for laying below GL or fixing on walls to proper grade and alignment Including cost and conveyance of materials and all labour charges etc., complete.					
a)	10.00RM	25mm dia PVC pipe				1RM (one running meter only)	
b)	6.00RM	20mm dia PVC pipe				1RM (one running meter only)	
c)	1.00RM	15mm dia PVC pipe				1RM (one running meter only)	
28	2.00Nos	Supplying wash hand basin of 550 x 400mm with all accessories such as cast iron brackets, 32mm diameter C.P. wastes coupling, rubber plug and chain, 32mm diameter "B" class PVC waste pipe, 15mm dia. G.M. wheel valve, 15mm dia nylon connection, 15mm dia brass nipples, 15mm C.P.pillar tap etc.,complete				1No (Each)	
29	2.00Nos	Supplying and fixing in position Brass Chromiuim Plated Screw down tap 15mm dia. (heavy duty) of approved make conforming to BIS specifications and quality including cost of PVC adhesives etc., complete complying with SS.				1No (Each)	

		<b><u>ELECTRICAL WORKS</u></b>					
30	15.00Nos	Wiring with 2x1.5sq.mm (22/0.3) PVC insulated SC unsheathed Cu.conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling in PVC accessories in flush with 3mm thick hylum sheet cover with Teak wood switch box and 5AFT switch with continuous earth wire connection of 14SWG TC wire and making good the concealed portion with suitable colour for PVC concealed light point/fan point with electronic regulator SD - 25.					1No (Each)
31	4.00Nos	Wiring with 2x4 Sq.mm (22/0.3) PVC insulated SC unsheathed Cu.conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in floor with 150x110x113mm with Teak wood switch box with 3mm hylum sheet cover for 5A 3pin non-interlocking flush type C.S. plug with continuous earth wire connection of SWG TC wire and making good concealed portion with suitable colour for concealed power plug point SD - 38.					1No (Each)
32	10.00Nos	Supplying and fixing of instant flicker free electronic energy saving single box type 4'36 W flu fitting complete with electronic choke (Philips/Crompton make) with Teak wood round block on wall or ceiling with flu tube with PVC unsheathed copper leads from terminals to the fitting with tube etc, complete.					1No (Each)
33	5.00Nos	Supply and fixing of 1200mm (48") AC ceiling fan complete with star rated energy efficeint high speed stepped electronic 300W regulator with 300mm down rod on the existing clamp etc, complete.					1RM (one running metre)



34	75.00MTS	Wiring with 2x1.5sq.mm (22/0.3) PVC insulated SC unsheathed Cu.conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with accessories in flush with 150x110x113mm non interlocking flush type C.S. plug with continuous earth wire connection of 14SWG TC wire and making good concealed portion with suitable colour for concealed PVC Plug point.				1points (one points only )	
35	1.00No	Supply and fixing of TNEB meter board suitable for 3 phases 100A service connection made up of suitable angle iron frame work of size 2 feet x 11/2 feet using angle iron of size 11/2" x 11/2" x 1/4" rigidly on wall covered with hylem sheet of size 2'0" x 11/2 feet of 12mm thickness with necessary bolts and nuts supports and supply and fixing of 3Nos 100A fuse units (500V) 1No neutral link copper earth flat of size 1" x ¼" with enter connection of EB meter to fuse unit by 7/16 PVC insulated copper wire with earth connection complete.				1No (Each)	