

SCHEDULE - A

Name of Work: Expansion of Kitchen at Hotel Tamilnadu, Hosur

SL NO.	QUANTITY IN FIGURES	DESCRIPTION	TNDSS NO.OF NBC NO.	RATE IN FIGURES AND IN WORDS	UNIT IN FIGURES AND IN	AMOUNT
1	2	3	4	5	6	7
1	16 cu.m (Sixteen cubic metre)	Dismantling the brick wall in cement mortar and clearing away from the site etc., complete	18		1 cu.m (One cubic metre)	
2	25 m ² (Twenty five square metre)	Dismantling the AC Sheet roofing with rafters and clearing the same and properly stacked etc., complete	18		1 Sq.m. (One square metre)	
3	84 cu.m (Eighty four cubic metre)	Earthwork excavation for foundation in all soil and sub soils to full depth as may be directed (Hard stiff clay, black cotton soil, except in rock requiring blasting but inclusive of shoring, strutting and baling out water wherever necessary and refilling the sides of foundation with excavated earth other than sand in layers of 15cm thick well rammed and consolidated depositing the surplus earth within initial lead of 10m and lift of 2 m as shown by the departmental officers with initial lead and lift and leveling the same etc., complete complying with standards specification and as directed.	23 & 24 V VI (S2) VI- 9		1 cu.m (One cubic metre)	

4	25 cu m (Twenty five cubic metre)	Supplying and filling in foundation and basement with river sand in layers not more than 15cm thick well rammed, watered and consolidated etc., complete complying with standard specification and as directed.	24 & 25		1 cu.m (One cubic metre)	
5	25 cu.m (Twenty five cubic metre)	Plain cement concrete 1:5:10 (One cement five sand and ten aggregate) in foundation basement and flooring using 40mm gauge HBGS jelly for foundation including dewatering if found necessary and laid in layer of not more than 15cm thick, complying with standard specifications and as directed.	28 V, VI, S2 5,8		1 cu.m (One cubic metre)	
6	75 cu m (Seventy five cubic metre)	Random rubble masonry in cement mortar 1:5 (One cement and five sand) foundation and basement including curing finishing etc., complete as directed by the TTDC officers	35 H		1 cu.m (One cubic metre)	
7		Brick work using country brick of size 8 3/4" x 4 1/4" x 2 3/4 in cement mortar 1:5 (One cement and five sand) for foundation and basement and super structure complying with standard specification and as directed	31 31C V, VI VIII		1 cu.m (One cubic metre)	

7 (a)	68 cu.m (Sixty eight cubic metre)	For Ground Floor			1 cu.m (One cubic metre)	
8	215 sq.m (Two hundred and fifteen square metre)	Centering for sides and soffits including shuttering etc., for RCC slabs of plane surfaces like columns, beams, lintels and sunshades etc., including strutting upto 3.00 m height using mild steel sheets of size 90cm x 60 cm B.G 10 gauge stiffened with M.S angles of size 25mmx25mmx3mm laid over silver Oak (C.W) joists of size 10cmx6.5cm(spaced at about 90cm c/c and supported by casuarinas props of 10cm to 13cm dia (spaced of 75cm c/c) complying with standard	30 (s) 86 86AV, VI (S3) VII		1 Sq.m. (One square metre)	
9		Reinforced cement concrete 1 :1 1/2 :3 (One cement and One and half sand : Three aggregate) using 20mm machine broken HBGS jelly for all RCC items of work excluding the cost of reinforcement grills and fabricating charges centering and shuttering but including laying concrete, vibrating with mechanical vibrators, finishing curing, etc., and providing fixtures like fan clamp in the RCC floor/roof slabs wherever necessary and bearing surfaces of walls, beams etc., shall be finished smooth with cement mortar 1:3 (One cement and three sand) and Kraft paper laid over it without claiming extra,etc complete as per standard	30			

9a	27 cu.m (Twenty seven cubic metre)	For Ground Floor			1 cu.m (One cubic metre)	
10	2800 kg (Two thousand eight hundred kilograms)	Supplying, fabricating and placing in position steel reinforcement using M.S rods,R.T.S or T.M.T rods for all RCC works as per the design given including cost of steel and binding wire etc., complete in all floors, complying with standard specifications and as directed.	86 & 86 AC, VI (S3) (S6) VII		1 kg (One Kilo gram)	
11	0.12 cu m (Zero point one two cubic metre)	Supply and fixing teak wood frames for doors, windows, ventilators and any other similar joinery works using the size of scantlings etc., complete in all floors including cost of labour charges for manufacturing the frames etc., complete complying with standard specifications and as directed			1 cu.m (One cubic metre)	
12	5.70 sq.m (Five point seven zero square metre)	Supplying and fixing the best quality skin door (molded type) shutters for doors including fixing charges and cost of 10" Aluminum altrop bolt, 8" aluminium handle, 6" aluminium handle, 5"x3 mm aluminium hinges etc., complete complying with standard specifications and as directed			1 Sq.m. (One square metre)	

13	4 sq.m (Four square metre)	<p>Supplying and fabrication and fixing in position of anodised aluminium natural colour matt finish sliding window in three track in all floors with following sizes. All the shutters with sliding arrangements, the bottom section should have Gutter arrangements so as to drain of the water entering and made with extruded aluminium section for outer frames as shown below with necessary accessories such as rubber beading. Aluminium handle, stoppers and fixing 4mm thick pin headed glass including all required for fabrication etc., complete including dismantling making holes in RCC columns, beams, masonry wherever necessary with power drill to the extent required and made good to the original conditions after fixing as clips, rubber beading as directed by the departmental officers. The Alumn. surfaces is to be anodised with matt finish using electrically controlled condition in accordance with ISI 1868/1962 specification for an average anodic film thick not less than 15 microns. (All materials should be got approved by the Project Engineer before fixing in position) Aluminium window of size 1.50 m x 1.35 m Frame bottom track 92x38x1.50 mm @ 1.742 kg/m Side and top 92x31.75x1.50mm @ 0.981 kg/m Shutter sections Bottom and top 40x18x1.25mm @ 0.475 kg/m</p>	S.S		1 Sq.m. (One square metre)	
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14	10 sq m (Ten square metre)	<p>Supplying and fabrication and fixing in position of anodised aluminium natural colour matt finish sliding window in four track in all floors with following sizes. All the shutters with sliding arrangements, the bottom section should have Gutter arrangements so as to drain of the water entering and made with extruded aluminium section for outer frames as shown below with necessary accessories such as rubber beading. Aluminium handle, stoppers and fixing 4mm thick pin headed glass including all required for fabrication etc., complete including dismantling making holes in RCC columns, beams, masonry wherever necessary with power drill to the extent required and made good to the original conditions after fixing as clips, rubber beading as directed by the departmental officers. The Alumn. surfaces is to be anodised with matt finish using electrically controlled condition in accordance with ISI 1868/1962 specification for an average anodic film thick not less than 15 microns. (All materials should be got approved by the Project Engineer before fixing in position) Aluminium window of size 2.40 m x 1.35 m Frame bottom track 123.02x29.7x1.60 mm @ 1.502 kg/m Side and top 123.02x29.70x1.50mm @ 1.294 kg/m Shutter sections Bottom and top 20x41x1.5mm@ 0.38kg/m Vertical 20x39x1.5mm @ 0.493kg/m Interlocking vertical 28.04x20x1.5mm @ 0.622 kg/m</p>	S.S		1 Sq.m. (One square metre)	
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15		Brick partition walls of 10.80cm thickness using country bricks of size 8 3/4"x4 1/4" x 2 3/4" in cement mortar 1:3 (One cement and three sand) including curing neat finishing etc., complete as directed by the departmental officer. (Hoop reinforcement will be paid				
15 a	6.50 sq m (Six point five zero square metre)	For Ground Floor	31 31C		1 Sq.m. (One square metre)	
16	11.50 sq m (Eleven point five zero square metre)	Supplying and fixing 50mm thick (one side polished) cuddapah slabs for shelves (4 tier) with neat finishing. The rate inclusive of cost of slab and labour charges for fixing etc., complete as directed by the departmental			1 Sq.m. (One square metre)	
17	540 kgs (Five hundred and forty	Supplying and fixing mild steel grills for windows and ventilators (as per design given) including priming coat etc., complete as directed by the departmental officer.			1 kg (One Kilo gram)	
18	135 sq m (One hundred and thirty five square metre)	Special ceiling plastering in cement mortar 1:3 (one cement and three sand) 10mm thick and finishing the exposed surface of RCC items of work, such as slabs, beams, sunshades, fascia, canopy slab, staircase waist slab, landing slab etc., including curing and neat finishing etc., complete complying with standard specifications and as directed corporation officers	44 G		1 Sq.m. (One square metre)	

19	95 cu.m (Ninety five cubic metre)	Refilling the foundation and basement with excavated earth in layers not more than 15cm thick well rammed and consolidated etc., complete complying with standard specifications and as directed by the			1 cu.m (One cubic metre)	
20	500 sq m (Five hundred square metre)	Plastering with cement mortar 1:5 (One cement and five sand) 12mm thick in all floors including curing with neat finishing etc., complete complying with standard specification and as directed.	56 & 57		1 Sq.m. (One square metre)	
21	145 sq m (One hundred and forty five square metre)	Paving the floor with design ceramic tiles of approved quality (colour and shade as directed) of size 330mmx600mmx6mm Royal ivory in all floors over a base layer of cement mortar 1: 2 (one cement and two sand) 12mm thick laid in situ and pointed with same coloured cement at the rate of 0.3 kg /sq.m. etc., complete complying with standard specification .The make and brand of the tiles should be got approved by Project Engineer before use on works.	39A		1 Sq.m. (One square metre)	
22	120 sq m (One hundred and twenty square metre)	Supplying and fixing in position fully polished kotta stones of 20mm thick machine cut edge of size below 2 ft x 2ft laid over a base layer of cement mortar 1:3 (One cement three sand) 20mm thick and pointed with white cement and colouring pigments of suit the colour of stones and polished neatly etc., complete as directed by the departmental officer.	39 A		1 Sq.m. (One square metre)	

23	8.50 cu m (Eight point five zero cubic metre)	Weathering course concrete using best quality broken brick jelly of size 20mm uniform gauge in pure slacked lime (No sand to be used) the proportion of brick jelly to lime being 32: 12.5 by volume and laid over the RCC roof slab in a single layer and consolidated to the required designed and finished thickness by beating the concrete with wooden beaters of approved pattern, keeping the surface constantly wet by sprinkling lime jaggery water etc., complete as per standard specification and as directed by the departmental	44		1 cu.m (One cubic metre)	
24	120 sq m (One hundred and twenty square metre)	Finishing the top of roof with one course of machine pressed tiles of size 200x200x20mm (average)thick of approved quality in CM 1:3 (One cement and three sand) 12mm thick mixed with water proofing compound conforming to ISS @ 2% by weight of cement used and joints pointed neatly to full depth of tiles with the same cement compound including curing	44 D		1 Sq.m. (One square metre)	

25	3 set (Three sets)	Providing and fixing in position best approved ISI quality PVC RAIN WATER DOWNFALL pipe of size 110mm dia with the working pressure of 4 kg/sq.m including cost of necessary teak wood plugs, pvc shoe, pvc bend, other special clamps, brass screws, nails, etc., and fixing of cast iron gratings at junction of parapet and the RCC roof slab including finishing neatly etc., complete. The rate shall inclusive of cost of removable iron grating.. The pvc pipe shall be fixed with teak wood plugs by means of specials clamps and brass screws. Special type of "U" clamp at the centre of the pipe line shall be fixed in addition to those for not more than 3.0 m pipe length complying with standard specification.	97		1 Set (One Set)	
26	635 sq m (Six hundred and thirty five square metre)	White washing one coat using janatha cem using in all floors including cost of janatha cem powder, blue, fevicol type gum, brushes, scaffolding charges etc., complete. Preparation of the surface, neat finishing etc., complying with standard specification and as directed by the departmental officer etc., complete.	63		1 Sq.m. (One square metre)	
27	335 sq m (Three hundred and thirty five square metre)	Distembering the old walls with two coats of best oil bound distemper of approved quality and colour including preparation of surface etc., complete complying with standard specification and as directed by the departmental officers (The oil bound disremember should be got approved by the corporation			1 Sq.m. (One square metre)	

28	255 sq m (Two hundred and fifty five square metre)	Painting two coats with approved cement paint over white washed wall surface, including cleaning, preparing the surface and curing etc., complete complying with standard specification and as directed by the departmental officers. (The cement paint should be got approved by the corporation officers before use on works)	56 & 57		1 Sq.m. (One square metre)	
29	25 sq m (Twenty five square metre)	Painting new grill work such as doors, windows and ventilators with two coats of best approved first quality and colour of synthetic enamel paint over the priming coat in all floors etc., complete complying with standard specification and as directed (The Synthetic enamel paint should be got approved by the corporation	66		1 Sq.m. (One square metre)	
30	30 cu m (Thirty cubic metre)	Supplying and filling with well gravel for basement including watering and compaction etc., complete complying with standard specification and as directed by the departmental officers	25		1 cu.m (One cubic metre)	
31		Supplying laying and jointing G.I. Pipes of approved quality and best variety of B class pipe of the following sizes including fixing G.I. specials but including cost of such specials cutting threading of pipes and fixing to wall with necessary teak wood plugs, clamps and screws making holes on the wall or drilling holes in roof and making good the dismantled portions to original conditions with necessary brick work and concrete and plastering where ever necessary with necessary scaffolding charges. The pipes are to be painted with two coats of good variety and best approved quality of synthetic enamel paint over a priming coat of red-oxide primer etc., complete.				

a)	12 Rm (Twelve running metre)	3/4" (20mm) dia GI pipe	SS		1 Rm (One Running metre)	
32		Supplying laying and jointing PVC pipes for sewage and waste water line (6kg/sq cm) of approved quality and best variety conforming to ISS and with ISI mark, of adhesive but excluding cost of such specials and fixing to wall with necessary teak-wood plugs, PVC clamps and screws, making good the dismantled portions to original condition with necessary earthwork jointing the materials etc. complete				

a)	12 Rm (Twelve running)	2" dia PVC pipe			1 Rm (One Running)	
33	2 Nos (Two Numbers)	Supplying and fixing best quality brass ball valve set of approved quality and make including cutting and threading etc., complete complying with standard	SS		1 No (One Number)	
34	120 sq ft (One hundred and twenty square feet)	Supplying and fixing best quality 20mm thick granite slab with full nosing work including conveyance, loading and unloading charges etc., complete complying with standard specifications and as directed by the corporation officers (The granite slab should be got approved by the Project Engineer before use on			1 sq.ft (One square feet)	

**Dated, Signature of
The Tenderer / Contractor**

PROJECT ENGINEER