

AMMAPETTAI TOWN PANCHAYAT
SCHEDULE - A
Schedule of rates and approximate quantities

a) The quantities here given are those upon which the estimate cost of the work is based but they are subject to alterations, commissions, deduction or additional as provided for in the conditions of this contract and do not necessarily show the actual quantities of work to be done. The unit rates notes below are those government payment for extra or deductions read with the Town Panchayat councils adaptation form and other conditions or specification of this contract and subject to the accepted tender percentage either below, above or at estimate rates as defined in the tender and as shown at the end of Schedule "A"

b) It is expressly understood that measured work is to be taken net-not withstanding any custom to practice to the contrary according to actual quantities when in place and finished according to the drawing or as may be ordered from time by the Assistant Executive Engineer at the cost calculated by measurement or weight at the respective prices with out any additional charge for any necessary or contingent works connected here with. The rates quoted are for works In-SITE and completed in every respect.

Construction of 60000 ltr Capacity OHT (7.5m stage) at Kadumankottai in Ammapettai Town panchayat.

Issued Thiru :

Chalan no. Dt.

Executive Officer

Ammapettai Town Panchayat

Erode District

MLA CD 2021-22

Estimate Amount Rs. 1470000

Sl. No	Probable Qty. in Figures		Description of Work	TNDSS & MORTH Specification No.	Rates in Rupees		Unit	Remarks
					Figure	Words		
1			Earth work excavation for foundation in all soils and sub soils and to full depth as may be directed except in rock requiring blasting but inclusive of shoring, strutting and baling out water wherever necessary as per SS 20 B etc., complete complying with standard specifications.					

Signature of Contractor

Sl. No	Probable Qty. in Figures		Description of Work	TNDSS & MORTH Specification No.	Rates in Rupees		Unit	Remarks
					Figure	Words		
a	32.00	M3	Hard stiff clay, stiff black cotton, hard red earth, shales etc.,				1 m3 (One Cubic Metre)	
b	11.00	M3	Soft disintegrated rock, laterite, soft rock, kankar not requiring blasting				1 m2 (One Square Metre)	
c	32.00	M3	Medium rock and dense medium rock not requiring blasting				1 m3 (One Cubic Metre)	
2	4.00	M3	Sand filling for foundation with clear river sand including cost of sand, watering, ramming and consolidation etc., complete as directed by departmental officers.				1 m3 (One Cubic Metre)	

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Sl. No	Probable Qty. in Figures		Description of Work	TNDSS & MORTH Specification No.	Rates in Rupees		Unit	Remarks
					Figure	Words		
3	4.00	M3	Plain Cement Concrete 1:4:8 (one cement,four sand and eight aggregate) mix using 40mm gauge hand broken hard granite stone jelly for foundation including dewatering if found necessary and laid in layers of not more than 15cm well rammed etc., complete complying with standard specifications.				1 m3 (One Cubic Metre)	
4			Supplying and erecting Centering for sides and soffits including supports and strutting upto 3.29 m high for plane surfaces such as RCC slabs, Rectanular beams, Lintels and Stair case waist slabs conopy etc., in all floors with all cross bracings using mild steel sheets of size 90cm x 60cm and BG 10 stiffened with welded mild steel angles of size 25mm x 25mm x 3mm for boarding laid over country wood joists of size 10cm x 6.50cm spaced at about 90cm centre to centre and supported by Casuarian props of 10cm to 13cm dia spaced at 75cm centre to centre etc., complete and as directed by departmental Engineers.				1 m3 (One Cubic Metre)	
a			Curved Surface					
a.I	97.00	M2	I) for Sump from 0 to 3.30 m				1 m2 (One Square Metre)	
a.II	17.00	M2	II) for OHT from 3.31 to 4.30 m				1 m2 (One Square Metre)	
a.III	4.00	M2	II) for OHT from 6.31 to 7.30 m				1 m2 (One Square Metre)	
a.IV	1.00	M2	II) for OHT from 7.31 to 8.30 m				1 m2 (One Square Metre)	

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					Figure	Words		
b			Plane surface					
b.I	31.00	M2	below GL & upto 3.30m ht above GL				1 m2 (One Square Metre)	
b.II	24.00	M2	From 3.30m to 4.30m above floor slab				1 m2 (One Square Metre)	
b.III	62.00	M2	5.31 to 6.30 m ht above GL				1 m2 (One Square Metre)	
C			SQUARE COLUMN					
C.I	22.00	M2	column Beow G.L. & above GL upto 3.30m ht				1 m2 (One Square Metre)	
C.II	5.00	M2	column above 3.31 to 4.30 m from GL				1 m2 (One Square Metre)	
C.III	5.00	M2	column above 4.31 to 5.30 m from GL				1 m2 (One Square Metre)	
C.IV	5.00	M2	column above 5.31 to 6.30 m from GL				1 m2 (One Square Metre)	
C.V	1.00	M2	column above 6.31 to 7.30 m from GL				1 m2 (One Square Metre)	

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					Figure	Words		
5	3700.00	Kg	Supplying, fabricating and placing in position mild steel/Ribbed for steel roads for all RCC works including cost of steel and binding wire also in all floors, complete complying with standard specifications.				1 KG (One Kilogram)	
6			Reinforced Cement Concrete 1: 1 1/2: 3 (one cement, one and half sand and three aggregate) mix using machine crushed / hand broken 20mm gauge hard broken granite stone jelly for all reinforced cement concrete works connected to this work excluding centering, shuttering and cost of reinforcement grills placed in position, but including laying, vibrating, curing and finishing, fixing fan clamps in the RCC floor and roof slab works wherever necessary and bearing surfaces of the wall at the sides and bottom of the slab, beams shall be finished smooth with cement mortar 1:3 and kraft paper laid without claiming extra cost etc., complete complying with standard specification and as directed by the departmental officers.					
			OHT					
a	7.00	M3	1.5m to 4.5m below G.L.				1 m3 (One Cubic Metre)	
b	2.00	M3	0m to 1.50m below G.L.				1 m3 (One Cubic Metre)	
c	3.00	M3	0m to 4.5m from G.L.				1 m3 (One Cubic Metre)	
d	10.00	M3	4.5m to 7.32m from GL				1 m3 (One Cubic Metre)	

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e	13.00	M3	7.33m to 10.98m from GL				1 m3 (One Cubic Metre)	
7	1.00	No	R.C.C Ladder should be made of two ribs of size 0.075 x 0.075 at 30mm c/c. The concrete should be of M20, 8mm RTS rod 4 nos. For ribs with 8mm RTS stirrups at 30cm and 8mm RTS 2 nos. For steps with 4 nos. rods as distribution including cost and conveyance of all other labour and material charges to site etc., complete.					
9	1.00	No	Fabrication, supply, delivery and fixing of outside MS Ladder of 45cm clear wide made out of 50mm x 50mm x 6mm MS angle for both sides and for steps at 30cm C/C welded jointed etc ., for I staging from GL to 1st level brace (weight 4.5kg/m) IInd and IIIrd staging upto floor slab and IVth staging from floor slab to roof top. Supply, delivery and fixing of 32 mm GI pipes medium for hand rails from I stage to IVth stage. RCC M30 Grade mix for Landing slab 5 nos. at Ground Level-1No. and above Ground Level - 4Nos. Supply and fixing of 32mm GI pipe medium for hand rails for the Landing slab. Supplying and fixing of MS Base plate of 100mm X 100mm X 6mm thick for fixing Anchore fastener bolt for fixing of hand rails at Landing slab and MS Ladder providing locking arrangements with two coats of approved enamel paint over one coat of red oxide paint as per approved Type Design and as directed by TWAD board officers					
9	1.00	No.	Supplying and fixing in position of 0.60 x 0.60 m size water tight C.I Manhole frame with cover of approved pattern at the roof slab including the cost of men & materials complying with standard specification and as directed by the Engineers.					

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					Figure	Words		
10	121.00	M2	Painting the new walls two coats over one coat of priming with best Emulsion paint of approved colour and quality including preparation of surface and finishing neatly etc., complete complying with standard specification and as directed by the department officers etc., complete complying with standard specifications.				1 m2 (One Square Metre)	
11	15.00	M2	Painting two coats new iron work for doors, windows and ventilators using iron bars, window grills weld mesh screen in opt courtyard etc., with two coat synthetic enamel paint and approved quality and color including priming coat in all floors. The rate is inclusive of cost of all materials, labour brushes and scaffolding charges etc., complete complying with standard specifications.				1 m2 (One Square Metre)	
12	100.00	Kg	Supplying and fixing MS grill to doors windows and ventilators etc. using 20mm x 6mm as directed by the departmental officers inclusive of cost of MS grill and labour charges including one coat of red oxide and fixing in position etc. complete (as per schedule of rates) as per standard specification				1 KG (One Kilogram)	
13			Provision for GI pipe connection arrangements for inlet outlet, scour and overflow etc., including cost of pipes, specials, valve, labour charge for lifting, aligning, cutting, threading, fixing and painting of GI pipes with two coats of approved quality enamel paint etc., complete as per standard specification.					
	30.00	M	50mm dia GI pipes				1 M (Onetre)	
	60.00	M	80mm dia GI pipes				1 M (Onetre)	
	350.00	M	63mm dia pvc pipes 6KG/CM2				1 M (Onetre)	

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					Figure	Words		
14	50.00	M	Conveying of PVC right pipe to trench with in a lead of 200m lowering in to a trench carefully laying to proper grad and alignment jointing with PVC couplers with cement paste and testing to the requited pressure including conveyance of water upto 1.00km				1 M (Onetre)	
15	63.00	M3	Refiilling the foundation with excavated earth including consolidation as directed by the departmental officer				1 m3 (One Cubic Metre)	
16	1.00	No	Geo physical survey charges				1 No (One Number)	
17			Drilling of 150mm (6") dia vertical clear bores in hard rode in any habitation to required depth on directed by the offices concred including labour charges for insuting PVC casing pipes as per standard specification.					
	12.00	M	upto 100m Pipe depth				1 M (Onetre)	
	200.00	M	Above 100 m Pipe depth				1 M (Onetre)	
18	18.00	M	Supply of 165mm OD PVC 6 KSC casing pipe as per standard specification				1 M (Onetre)	
19	1.00	No	Supply and delivery of wet type 20LPMx125m Headx2.00 HP mm submersible pumpset with motor and confirming to IS 8034/89 and IS 9283/79 with ISI marking				1 No (One Number)	
20	1.00	No	Single phase panel board (2.0 HP) with D.O.L as per standard specification. The pump set should be supplied with 5M flat submersible copper cable.				1 No (One Number)	
21	190.00	m2	Supply and delivery of 2.50 sq mm Water Proof cable				1 m2 (One Square Metre)	

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22			Supply and delivery of following pipe pipe line materials(with ISI mark) etc complete.					
	12.00	1.00	32 mm GI pipe with B class				1 M (Onetre)	
	4.00	2.00	32mm dia G.I Elbow				1 No (One Number)	
	4.00	3.00	32mm G.I Capling				1 No (One Number)	
	1.00	4.00	32mm G.M Non Retrunk valve				1 No (One Number)	
	2.00	5.00	32mm dia G.I bend with coupler				1 No (One Number)	
	1.00	6.00	32mm dia G.I union				1 No (One Number)	
	1.00	7.00	32mm G.M Gate valve				1 No (One Number)	
	4.00	8.00	20mm GI pipe with coupler medium class				1 M (Onetre)	
	4.00	9.00	20mmG.I Coupling				1 No (One Number)	
	3.00	10.00	20mm CIP Tap				1 No (One Number)	
	190.00	11.00	32mm HDPE hose				1 M (Onetre)	

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					Figure	Words		
	6.00	12.00	25mm pvc pipe				1 No (One Number)	
	155.00	13.00	19mm nylon rope				1 M (Onetre)	
	2.00	14.00	32 mm HDPE hose collar				1 No (One Number)	
	4.00	15.00	32 mm HDPE hose clip				1 No (One Number)	
23	1.00	No	Labour charge for the erection of submersible pump set in bore well including fixing and joint submersible cable with proper clamps upto stater to require depth and also fixing of raiser pipes to the required depth valve erection clamp pressure gauges upto the exterior wall of pump room and erection of panel board consisting of TPICN switches starter Voltmeter, Ammeter, three pilot(indicating) lamps capacitor single phase preventor, water level guard and laying and jointing the cable and twin earthing as per IS rules etc complete.				1 No (One Number)	
24	3.00	m	Supply and Run of 2x4 sq.mm(84/0.3) PVC insulated Sc unsheathed Cu.Conductor of 1100V grade in 25mm dia G.I pipe (Bclass) suitable bend at both ends with necessary angle iron up right and end supports for mains.				1 M (Onetre)	
25	10.00	m	Supply and Run of 2x4 sq.mm(84/0.3) PVC insulated Sc unsheathed Cu.Conductor of 1100V on 7/20 Gibearer wire for service connection mains.				1 M (Onetre)	
26			Supply and fixing of following electrical materials					
	1.00	1.00	16Amps MTPC Switch				1 No (One Number)	

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					Figure	Words		
	1.00	2.00	16 Amps fuse carrier				1 No (One Number)	
	1.00	3.00	Supply and fixing m.s single phase panel board meter sheet box including cost and conveyance of materials and labour charge etc complete.				1 No (One Number)	
	1.00	4.00	S& Fixing of M.S bore well Dummy				1 No (One Number)	
	2.00	5.00	S&F M.S bore clamp				1 No (One Number)	

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