

SALEM CITY MUNICIPAL CORPORATION

TENDER SCHEDULE

Name of Contractor :

EMD Details **Rs.18,000/-**

Tender Date **26.07.2022**

Name of Work **Maintanance and repairs to the Community Kitchen with water supply arrangements at Kathayammal nagar Corporation High School at in Division no - 52 @ Kondalampatty ward office.**

Est. No. **E3/ Est No: 557/B/2021-2022**

Estimate Cost **Rs.18.00Lakhs**

1. The Quantities here given are those upon the lump sum tender cost of work is based, but they are subject to alterations, omissions, deductions or additions as provided for the conditions of the contract and do not necessarily show the actual quantities of work to be done. The unit rates are those governing payment for extracts or deductions for omissions according to the contract, as set forth in the preliminary specifications of the (Madras Detailed Standard Specifications) Tamil Nadu building practice and other conditions or specifications of the contract.

2. It is to be expressly understood that the measured work is to be taken nett (not with standing any custom or practice to the contrary) according to the actual quantities when in place and finished according to the drawing or as may be ordered from time to time by the Corporation Engineer and the cost calculated by measurement of weight, of the respective prices, with out additional charge for any necessary contingent works connected herewith. The Rates quoted are for works in 'situ' and complete in every respect.

3. The work must be completed with in Days/Month from the date of receipt of acceptance of this tender.

Item	Probable Quantity		Description of Work	Rate		Unit in	Amount in
	No	Figures	Units	Words	Figures	Words	Figure
1	1.00	m3	Dismantling the existing damaged Brick works and conveying the same as directed by the departmental officers etc. complete			m3	
2	15.00	m3	Conveyance of Excavated Excess Earth away from the site to 2km including loading and transportation charges etc., complete as per standard Specification.			m3	
3	13.00	m3	Plain cement concrete 1:4:8 mix (One cement four sand and eight aggregate) using 40mm size ISS gauge HBBG metal including mixing, laying, consolidating, curing, cost and conveyance of all materials to site and all labour charges etc., complete as per standard specification			m3	
4	12.50	Rm	Supplying and fixing 110mm dia PVC rain water down fall pipe including cost of pipe, shoe, bond, brackets, teakwood plugs, etc., complete			Rm	
5			Supply and Delivery of following specials with ISI making as per standard specifications (MEDIUM)				
	18.00	Rm	25mm dia PVC Pipe			Rm	

	18.00	Nos	25mm dia PVC Elbow			Nos	
	3.00	Nos	25mm dia PVC Tee			Nos	
	4.00	Nos	20mm dia PVC Tap			Nos	
	9.00	Nos	25mm GM Gatevalve			Nos	
	6.00	Nos	110mm dia PVC Elbow - 'o' ring			Nos	
	2.00	Nos	2000 Lit HDPE Tank			Nos	

	60.00	Rm	25mm UPVC Pipe			Rm	
	12.00	Rm	40mm UPVC Pipe			Rm	
	5.00	Rm	20mm GI Pipe			Rm	
	9.00	Nos	25mm Tank hex nipple			Nos	
	30.00	Nos	25mm UPVC Union			Nos	
	30.00	Nos	25mm UPVC Elbow			Nos	

	3.00	Nos	25mm UPVC Tee			Nos	
	5.00	Nos	25mm GI Hex.nipple			Nos	
	5.00	Nos	25mm GI Elbow			Nos	
	3.00	Nos	25mm GI Tee			Nos	
	2.00	Nos	25mm GI union			Nos	
	4.00	Nos	20mm wastenot Tap			Nos	

	4.00	Nos	20mm GI Hex.nipple			Nos	
	2.00	Nos	20mm GI Tee			Nos	
	2.00	Nos	20mm GI Elbow			Nos	
	2.00	Nos	20mm GI Bend			Nos	

6	1.50	m3	Brick work in cement mortar 1:5 mix using Fly Ash bricks of 230x110x70mm (8 3/4" x 4 1/4" x 2 3/4") from approved quarry including cost and conveyance of all materials to site. Loading and unloading charges and labour charges for mixing, laying and curing etc. complete. Complying with std. specifications			m3	
7	1.00	m2	Supply and fixing in position of European water closet with 'S' (or) 'P' trap of approved color and quality with double flapped rigid PVC sheet cover the CP brass hinges etc., complete complying with standard specification including supply and fixing in position of 10litre capacity glazed porcelain low level flushing tank on wall including 2 Nos of 15mm & brass nipple, 15mm dia PVC brass connection, 15mm dia GI wheel value, 15mm dia Nylon connection and giving necessary water supply connection etc., complete complying with standard specification			m2	
8	1.00	Nos	Supply and fixing in position of white glazed indian oriya type water closet 580 x 440mm size white glazed earthenware of approved quality with S or P trap confirming to IS: 2556-part XII with sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:4:8 mix, 100mm thick using 20mm ISS gauge brick jelly and finished the top to required slop and including giving necessary connection to cast iron soil pipes by dismantling brick masonry, RCC/ floor slab and making good of the disturbed portion to original condition without leakage etc. complete complying with std. specifications and as directed by dept. officers. (the WC should got approved by the Exe. Engineer before use on works)			Nos	

9	8.50	m2	Plastering in cement mortar 1:5 mix (one Cement and five Sand) 12 mm thick etc., complete as per standard specification.			m2	
10	13.00	m3	Plain cement concrete 1:2:4 mix (One cement two sand and four aggregate) using 20mm size ISS gauge HBBG metal including mixing, laying, consolidating, curing, cost and conveyance of all materials to site and all labour charges etc., complete as per standard specification			m3	
11	9.00	m3	Plastering with cement mortar 1:3 mix, 12mm thick including cost and conveyance of all materials to site, loading and unloading charges and labour charges for mixing, laying and curing etc. complete . complying with std. specifications			m3	
12	906.00	m2	Painting two coats with ready mixed plastic emulsion paint of 1st class quality and of approved color over a priming coat including through scraping clean removal of dirt etc., complete and including necessary plaster of paris putty wherever required			m2	

13	51.00	m2	Painting OLD iron 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			m2	
			Lighting arrangements				
14	2.00	Nos	Earthing as per the ISI specification with an earth electrode of 2.1m class 'B' GI pipe of dia not less than 40mm with copper earthplate of size 125mm x 50mm x 6mm with necessary masonry work and with 38mm RCC cover slab for the brick masonry (SD-233)			Nos	
15	44.00	Nos	Wiring with 2x1.5sqmm (22/0.3) PVC insulated unsheathed SC Cu. Conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch boc 5A F.T. switch inflush with wall covered with hylum sheet of 3mm thick with painting of suitable color for concealed PVC light / fan point (for electroic regulator) SD-24			Nos	
16	33.00	Nos	Supply and fixing of 4'20W LED Battern fitting[Luker /Equivalent make(Lucker LT5M-20)] complete with TW round block on wall or ceiling with PVC unsheathed copper leads from terminals to the fitting. (DATA-I)			Nos	
17	33.00	Nos	Wiring with 2X 1.5 sqmm (22/0.3) PVC insulated Sc unsheathed Cu. Conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with 150x100x113mm TW switch box and 5A 3 pin non inter locking CS plug with painting of suitable color with continuous earth wire connection of 14SWG TC wire for concealed plug point (SD-38)			Nos	

18	11.00	Nos	Wiring with 2X 1.5 sqmm (22/0.3) PVC insulated Sc unsheathed Cu. Conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with 150x100x113mm TW switch box and 15A 3 pin non inter locking CS plug with painting of suitable color with continuous earth wire connection of 14SWG TC wire for concealed Power plug point (SD-39)			Nos	
19	11.00	Nos	Supply and fixing of 1200 (48") Ac Ceiling fan complete with stepped electronic 300W regulator with 11 meter down rod on the existing clamp SD(107)			Nos	
20	1.00	Nos	Providing Geological survey to fix the borewell point			Nos	
21			Drilling of 150mm Dia bore well in hard rack area in including labour charges for drilling and development charges for erection of casing pipe in over burden soils all cost and conveyance etc., complete				
	18.00	Rm	a).Drilling of 150mm Dia Bore wells in overburden soil including labour charges for insertion of casing pipes.			Rm	

	18.00	Rm	b).Labour Charges for inserting PVC Casing pipes assembly (with slots or without slots) in the drilled hole including jointing the pipes with PVC Couplers with Cement paste etc., complete, supply and packing the annular space with pebbles of size and quality as approved by the executive engineers of TWAD Board			Rm	
	285.00	Rm	c).Drilling of 150mm Dia Bore wells in hard rock areas including transportation to the work site in hard rock areas and developing the bore wells			Rm	
22	18.00	Rm	Supplying of best approved quality of PVC casing pipe of 180mm dia for bore well with socket end to suit bore well of required depth -10kgf/cm2 best approved quality with ISI mark with necessary PVC coupling etc.			Rm	
23	1.00	Nos	Supplying and fixing of Borewell Cover PVC 180mm including all cost etc., complete			Nos	
24	1.00	Nos	Supply and Delivery of direct online starter confirming to ISI13947. Single Phase Panel Board with Two Level Guard and Auto Start.			Nos	

25	1.00	Nos	Supply and delivery of Induction Electric Motor ISI Make @1440 Rpm with Air compressor			Nos	
26	1.00	Nos	Supply and Delivery of Miniature Circuit Breakers 240V/415 V 50 HZ AC Supply suitable for both lighting and motor circuits. Double pole 40A, 10 KA {TWAD SR P.No.191 Item No.6 (F)}			Nos	
27	1.00	Nos	a).Supply and delivery of 32 amps DP switch with metal clad (Front handle) {TWAD SR P.No.178 Item No.2 (b)}			Nos	
	1.00	Nos	b). 32 Amps Porcelain fuse unit (500 V)			Nos	
28	285.00	Rm	20mm HDPE pipe (1 MPa or 10 kg./cm2 pressure) {PWD SR P.No.104/SI.No.369 D(d)}			Rm	

29	285.00	Rm	40mm HDPE pipe (1 MPa or 10 kg./cm2 pressure) {PWD SR P.No.104/SI.No.369 D(d)}			Rm	
30	285.00	Rm	Supplying and Delivery of 25mm Nylon rope for submersible motor of approved quality in etc.,complete complying with standard specifications. {PWD SR P.No.105/ SI.No.407}			Rm	
31	19.00	Rm	a).Supply, Delivery and Laying of 32mm dia GI Pipes with specials including Cutting open road, Earthwork excavation, supply of pipes, cutting, threading, laying and Refilling the excess excavated earth etc. complete as directed from the Departmental Officers.			Rm	
32	1.00	Nos	b).Providing Construction of pedestal for Motor compressor including cost of earth work PCC 1:4:8 using 40 mm metal, RCC Pre cost slab (50mm Thick) 1:2:4 using 20 mm metal, brick work in CM 1:5 using country bricks, plastering in CM 1:3, 12mm thick, and GI Steel door with locking arrangements and filling with earth etc., as per standard specification including all cost and conveyance etc., complete.			Nos	

33	1.00	Nos	Labour Charges for erection of Horizontal shaft,centrifugal pumpset Coupled / Monoblock) in bore well/Open well including fixing of suction pipe and footvalve upto a maximum depth of 7 metres and deliverypipes to the required length with valves, pressuregauges upto the exterior wall of pump room and erectionof panel board consisting of TPIC switches starter,Voltmeter, Ammeter, Capacitor single phasing preventorand laying and jointing the cables and twin earthing as per IE rules including providing bed blocks etc., completeand operating the pumps and trial run for 10 days including signing of completion of reports as required by EB authorities. {TWAD SR P.No.287 Item No.17a (i)}			Nos	
34	1.00	Nos	Supply and fixing of Wooden board for fixing electrical accessories in motor room etc., 20mm Ball valves -1 set, Tank nipples, B nipples, 20mm bend, 32mm NRV, 32mm GI specials, color wash etc., 32mm Hose Collar, Borewell cover, Borewell clampset etc.,			Nos	
35	1.00	Nos	Supply and fixing of EB service cable required length, Insulated GI wire, Reel for EB service line, 50mm GI EB Box pole, Service wire, EB Service pipe, GI EB Meter Box, Borewell protection and color washing etc., Complete			Nos	
36	1.00	Nos	EB deposit			Nos	