

SALEM CITY MUNICIPAL CORPORATION

TENDER SCHEDULE

Name of Contractor :

EMD Details **Rs. 5,320/-**

Tender Date **08.04.2022**

Name of Work **Construction of Kitchen cum stores in NNMP Centre at Gugai Chamundi Street Corporation Elementary School in Division no - 46 @ Zone - IV. (UDise Code : 33082103703)**

Est. No. **E4/Est No :432/B/2021-2022**

Estimate Cost **Rs.5,32,000/-**

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.

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Item No	Probable Quantity		Description of Work	Rate		Unit in	Amount in
	Figures	Units		Words	Figures	Words	Figure
1	22.00	m3	Earth work excavation for foundation in hard stiff clay, stiff black cotton, hard red earth, shabs murams and ordinary gravel and hard dravel including shoring, strutting, baling or pumping out water wherever necessary and refilling the sides of foundation with excavated earth in layers of 15cm thick and depositing the surplus earth at places as directed by the departmental officers with initial lead and lift			m3	
2	2.00	m3	Collection, supply and filling of sand from approved quarry to work site and stocking to the Departmental gauge for premeasurement as directed by the Departmental Engineer, to required depth not more than 15cm depth including cost and Conveyance of sand to site and all labour charges for filling etc., Complete complying with Standard Specification			m3	
3	4.00	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	

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4			Supplying and erecting centering to sides and soffits including supports and strutting for drainage sides and culvert body wall sides using M.S Sheets of size 90cm x 60cm and B.G 10stifened with welded mild steel angles of size 25mm x 25mm x 3mm for boarding laid over (silver oak joists) of size 10cm x 6.50cm spread at about 90cm including all labour charges and cost and conveyance of all materials to site etc. complete Complying with Standard Specification				
	35.00	m2	a). Centering for Column & Sunshade			m2	
	37.00	m2	b). Centering for Plain surface			m2	

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5	750.00	Kg	Supply and fabrication and placing in position of TMT steel rods to required size and length as directed by the departmental officers including cost of binding wire, cutting, bending and tying with proper position etc., including cost and conveyance of all materials to site and all labour charges etc., complete Complying with Standard Specification			Kg	
6			Reinforced cement concrete 1:1½:3 mix (One cement one and half sand three aggregate) using 20mm ISS gauge HBBG metal from the approved quarry including mixing, laying, consolidating, curing cost and conveyance of all materials to site and all labour charges etc., complete as per standard specification				
	4.10	m3	a). Foundation Basement			m3	
	5.00	m3	b). Column Upto 4.50m height - GF			m3	

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7			Brick Work in Cement Mortar 1:5 Mix (one cement, five sand) using new best II Class Bricks of size (9" x 4 3/8" x 23/4") 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				
	2.50	m3	a). Foundation Basement			m3	
	14.00	m3	b). Upto 4.50m height			m3	
8	6.00	m3	Collection,supply and filling of Well gravel from approved quarry to work site and stocking to the Departmental gauge for premeasurement as directed by the Departmental Engineer, to required depth not more than 15cm depth including cost and Conveyance of gravel to site and all labour charges for filling etc., Complete complying with Standard Specification			m3	

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9	26.00	m2	Special Ceiling Plastering for RCC slabs and beams with cement mortar 1:3 mix 10mm 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			m2	
10	138.00	m2	Plastering with cement mortar 1:5 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			m2	
11	1.50	m3	Weathering course over roof slab using 20 mm size brick jelly mixed with pure slacked lime no sand to be used the proportion being 32:121/2 including cost and convenience of all materials to working site, well beating with wooden beaters giving necessary slope and thickness including finishing neatly etc.			m3	
12	24.00	m2	Finishing the weathering course with one course of machine pressed, pressed tiles of size 20 cm X 20 cm X 2 cm in cement mortar 1:3 (One cement – three sand) mixed with crude oil 10 % by the weight and pointed with same oil mixed mortar including cost and conveyance etc.			m2	

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13	5.00	m2	<p>Manufacturing, supplying & fixing in position Steel windows glazed with openable shutter frame and shutter frame made out of steel section confirming to IS 7452/ 1990. The outer frames of windows made of Z section (F7D) of size 25 x 20 x 3 mm confirming to IS7452/1992 mullions are made of (F4B) of section size 46x25x3mm confirming to IS7452/1990. The shutters are individual and each of them can be operated separately. Sash bars are made of 'T' section (T2) of size 25x22x3mm, 2nos of sturdy hinges and one numbers of handle cum slatch of special type are fixed for with openable shutter. Suitable opening is left for its any operation. One number of adjustable stay with locking bracket of sufficient length shall be provided for each shutter 4 nos. of 40x40x3mm angle hold fast 230mm length are welded to the outer frame at appropriate point. M.S square bars of 12mm size is welded to the inner face of the window at equal intervals not excluding 10cm spacings, 5.5mm pin headed glass is used for glazing and the glass panes shall be fixed with good quality. T.W. bedding size 15x15mm with screws for fixing.</p>			m2	
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14	0.50	m2	<p>Louvered Ventilator</p> <p>Supplying and fixing in position of Aluminium anodised colour matt finish Louvered Ventilator. The outer frame will be 62 x 38 x 2mm @ 1.17 Kg/m and louvers with moving arrangements will be made with Alu. channel of size 60 x 30 x 4mm @ 1.27 Kg/m with necessary glass pans for louvers 4mm thick Al. clips, including all materials, labour & electrical consumption charges required for fabrication if necessary chipping 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 etc complete. The Al.Surfaces is to be anodised with matt finish under electrically condition in accordance with ISI 1868/1962 specification for an average anodic film thick of not less than 15 microns. (All materials should be got approved by the Executive Engineer before fixing in position)</p>			m2	
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15	3.60	Rm	Supplying and fixing in position of 20 BWG GI plain sheet shutter door of size 70 x 160 cm framed with alround MS angle iron of size 30 x 30 x 5mm with one ledge and two braces made out of MS flat 30 x 5mm size without door frame but with necessary gudjin pins and locking arrangements on both sides complete. The 20 BWG GI plain sheet should cover the MS angle frame alround in such a way that there would not be any exposition of the angles to avoid any rusting. The fastening of the GI sheet with the angle iron frame must be with aluminium rivets at 25cm C/C. The entire shutter door must be painted with one coat of red oxide paint and the shutter properly fixed in position etc., complete			Rm	
16	19.00	m2	Providing Granolythic finish of 25mm thich with PCC 1:2:4 (One cement, two sand and four jelly) using 10mm to 12.50mm HBG jelly etc complete			m2	
17	9.50	m2	Supplying and fixing of Cudappa slab of 50mm thick including cost of materials and labour etc complete			m2	

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18	26.00	m2	White washing two coats using best freshly burnt shell lime in all floors including cost of lime blue powder, fevical type gum brushes, scaffolding charges etc., complete complying with standard specifications.			m2	
19	138.00	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	
20	8.50	m2	Painting two coats with best synthetic enamel paint of approved Colour for new iron works the rate is inclusive of all materials, brushes and scaffolding charges etc., complete complying with standard specification(paint should be got approved by the Departmental Engineer befor use on work.			m2	

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21	2.00	Each	Wiring with 2 x 1.5 sqmm (22 / 0.3) PVC insulated SC unsheathedCu. Conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A F.T switch with continuous earth wire connection of 14 SWG TC wire for making good of the concealed portion with suitable colour for PVC concealed light point / Fan point (For electronic regulator). (SD-23)			Each	
22	2.00	Each	Supply and fixing of single box type 4'40 W flu fitting complete with copper choke and condensor with TW round blocks on wall or ceiling with flu tube with PVC unsheathed Copper leads from terminals to the fitting. (SD-88)			Each	

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