

**SALEM CITY MUNICIPAL CORPORATION**

**TENDER SCHEDULE**

**Name of Contractor :**

**EMD Details**                **Rs.20,000/-**

**Tender Date**                **06.05.2022**

**Name of Work:**                **Repair and maintenance of Community Toilet at Chinnammalayam ( Ladies and Gents toilets) in Div-19 at Suramangalam Zone.**

**Est. No.**                        **E4/Est No : 458/B/2021-2022**

**Estimate Cost**                **Rs.20.00 Lakhs**

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 No | Probable Quantity |       | Description of Work                                                                                                                                                                                                                                                                                                                                                                                         | Rate  |         | Unit in | Amount in |
|---------|-------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|---------|-----------|
|         | Figures           | Units |                                                                                                                                                                                                                                                                                                                                                                                                             | Words | Figures | Words   | Figure    |
| 1       | 61.00             | m2    | Fabricating Supply and fixing and position of MS doors with single leave. The door outer frame will be 40x40x6mm MS angle, the shutter frame will be 35x35x6 mm, MS angle intermediate stiffner will be 35x35x6 mm with cross stiffner 25x 25x5 mm flats covered with 18 gauge M.S. sheet with necessary hinges, tower bolts, aldop length 30mm and hold fast etc., complete with one coat red oxideprimer. |       |         | m2      |           |
| 2       | 96.00             | m2    | Flooring with first quality plain ceramic tiles of approved Colour and quality of size 305mm x 305mm x 6mm laid in cement mortar 1:3 mix, 20mm thick and pointing with the same mortar etc., completely and finish very neatly                                                                                                                                                                              |       |         | m2      |           |
| 3       | 162.00            | m2    | Dadoing walls with Ceramic tiles of size 20cm x 20cm x 6mm first quality design tiles of all colours laid in cement mortar 1:2 mix, 10mm thick and pointing with white cement using 0.40 kg/1m2 including finishing the joint and pointing flush with tile surface etc., complete                                                                                                                           |       |         | m2      |           |

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|---|--------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------|--|
| 4 | 121.00 | 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 before use on work                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  | m2   |  |
| 5 | 24.00  | m2   | Painting two coats with best synthetic enamel paint of approved Colour for old 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 before use on work.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | m2   |  |
| 6 | 20.00  | Each | 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) |  |  | Each |  |

|    |       |    |                                                                                                                                                                                                                                                                                                                                                          |  |  |    |  |
|----|-------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----|--|
| 7  | 50.00 | No | 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 elctroic regulator) SD-24 |  |  | No |  |
| 8  | 9.00  | No | Supply and fixing of single box type 4'40W flu fitting complete with copper choke and condensor with TW round blocks on wall or ceilig with flu tube with PVC unsheather copper leads from terminals SD(88)                                                                                                                                              |  |  | No |  |
| 9  | 39.00 | No | Supply and fixing of WT bulk head fitting with guard suitable for 11W CFL lamp with CFL SD (83)                                                                                                                                                                                                                                                          |  |  | No |  |
| 10 |       |    | Supply and Fixing of the Following Electrical Specials etc., Complete.                                                                                                                                                                                                                                                                                   |  |  |    |  |
|    | 60.00 | RM | f). 32mm Dia GI Pipe                                                                                                                                                                                                                                                                                                                                     |  |  | RM |  |

|  |       |      |                       |  |  |      |  |
|--|-------|------|-----------------------|--|--|------|--|
|  | 10.00 | Each | g).32mm Dia GI Elbow  |  |  | Each |  |
|  | 10.00 | Each | h). 32mm Dia GI Tee   |  |  | Each |  |
|  | 60.00 | RM   | f). 25mm Dia GI Pipe  |  |  | RM   |  |
|  | 10.00 | Each | g). 25mm Dia GI Elbow |  |  | Each |  |
|  | 10.00 | Each | h). 25mm Dia GI Tee   |  |  | Each |  |
|  | 30.00 | RM   | f). 20mm Dia GI Pipe  |  |  | RM   |  |

|  |       |      |                          |  |  |      |  |
|--|-------|------|--------------------------|--|--|------|--|
|  | 10.00 | Each | g). 20mm Dia GI Elbow    |  |  | Each |  |
|  | 10.00 | Each | h). 20mm Dia GI Bend     |  |  | Each |  |
|  | 4.00  | Each | i). 20mm Dia GI Coupling |  |  | Each |  |
|  | 38.00 | Each | k). GI Tap               |  |  | Each |  |
|  | 4.00  | Each | 1000 lit HDPE Tank       |  |  | Each |  |
|  | 60.00 | RM   | 4" PVC Pipe              |  |  | RM   |  |

|  |       |      |                                       |  |  |      |  |
|--|-------|------|---------------------------------------|--|--|------|--|
|  | 60.00 | RM   | 6" PVC Pipe                           |  |  | RM   |  |
|  | 10.00 | Each | 4" PVC Tee                            |  |  | Each |  |
|  | 10.00 | Each | 4" PVC Elbow                          |  |  | Each |  |
|  | 10.00 | Each | 6" PVC Tee                            |  |  | Each |  |
|  | 10.00 | Each | 6" PVC Elbow                          |  |  | Each |  |
|  | 2.00  | Each | 48W LED Street Light Fitting with LED |  |  | Each |  |

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| 11 | 242.72 | m2 | Dismantling the damaged tiles portion etc, completed                                                                                                                                                                                                                                                                                    |  |  | m2 |  |
| 12 | 750.00 | 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 | 14.00  | m3 | 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 |  |  | m3 |  |
| 14 | 116.00 | 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 |  |



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|----|--------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----|--|
| 15 | 32.00  | 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 |  |
| 16 | 500.00 | 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                                                                                                                              |  |  | Kg |  |
| 17 | 49.00  | m3 | Earth work excavation for foundation in ordinary soil, light black cotton sandy loam and dry silt 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 |  |
| 18 | 5.00   | 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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|----|--------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----|--|
| 19 |        |    | 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 |  |  |    |  |
|    | 140.00 | m2 | Wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | m2 |  |
|    | 12.00  | m2 | Rcc                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  | m2 |  |

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|----|-------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----|--|
| 20 | 70.00 | 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 |  |
| 21 | 2.00  | m3 | Providing and laying in position, standardized concrete mix M-20 Grade in accordance with IS 456-2000, using 20mm and downgraded hard broken granite stone jelly for all RCC items of works with minimum cement concrete of 325kg/M3 and maximum water cement ratio of 0.55, including admixture (plasticizer/super plasticizer) in recommended proportions as per IS :9103 to accelerate ,retard setting of concrete , improve workability without preparing strength and durability with about ( 5 cu.m) 7730 kg of 20mm machine crushed stone jelly and with about (3.30cu.m) 5156 kg of 10-12mm machine crushed stone jelly and with about (4.79cu.m) 7670kg of sand, but excluding cost of reinforcement grill and fabricating charges , centering and shuttering and also including laying , vibrating with mechanical vibrators ,finishing curing etc., and providing fixtures like fan clamps in the RCC floor/roof slabs wherever necessary without claiming etc., complete |  |  | m3 |  |

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|----|--------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------|--|
| 22 | 160.00 | 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   |  |
| 23 | 25.00  | m2   | Plastering with cement mortar 1:3 mix, 20mm 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   |  |
| 24 | 6.00   | Each | European Water Closet with "P" or "S" Trap with Double Flapped Seat and Seat Cover with Brass Hinges and 10 litre capacity PVC Low Level Flusing Tank with all internal fittings                                                                                                                                                                               |  |  | Each |  |
| 25 | 1.00   | No   | Providing Construction of pedestal for KIOSK Meter Box including cost of earth work PCC 1:4:8 using 40 mm metal brick work in CM 1:5 using country bricks, plastering in CM 1:3-20mm thick etc., as per standard specification including all cost and conveyance etc., complete.                                                                               |  |  | No   |  |