

Name of Works: Providing Toilet block with Septic tank arrangements to the Government Girls Higher Secondary School at Chidambaram in Cuddalore district.

Shoolagiri in Krishnagiri

Abstract Estimate

| S.No. | Qty. | Description  | Rate         | Unit | Amount       |
|-------|------|--|--------------|------|--------------|
| 1     | 2.00 | Toilet block   | 1170423.66   | E    | 227689.50.83 |
| 2     | 1.00 | Septic tank  | 159888.94    | E    | 159888.94    |
|       |      | Sub - TOTAL - I Rs.  | 247288.39.73 |      | 2500136.26   |
| 3     | LS   | GST 18%  | 437171.15    |      | 450024.53    |
|       |      | SUB - TOTAL - II Rs.   | 2866030.89   |      |              |
| 4     |      | Provision for Incinerator for Two block  | LS           |      | 1,60,000.00  |
| 5     |      | Provision for cutting rock out crops and filling lowlying area, Jungle clearance | LS           |      | 121,000.00   |
|       |      | SUB - TOTAL - III Rs.  |              |      | 3147030.89   |
| 6     |      | Labour welfare fund @ 1.0%   |              |      | 24288.40     |
| 7     |      | Contingencies charges @ 2.5%   |              |      | 78653.40     |
| 8     |      | Supervision charges @ 7.5%   |              |      | 200023.15    |
| 9     |      | GST @ 18% for Supervision charges  |              |      | 36004.17     |
| 10    | LS   | Provision for EB additional load charges   |              |      | 3486000.00   |
|       |      | TOTAL  |              |      | 50000.00     |
|       |      |  |              |      | 3536000.00   |

22/5/23  
AE/Kgiri

22/5/23  
AEE/DPP

24/5/23  
EE/SLM

6.9.23  
HEADMASTER  
Govt. Girls Hr. Sec. School  
SHOOLAGIRI-635117  
Krishnagiri Dist.

01/06/2023  
JEEC

01/06/23  
GGSD/MC

01/06/23  
GGSD/MC

16/6/2023  
JDO

17/6/2023  
JDO

17/6/23  
HDO



CE/DB/1241/2023

TAMIL NADU POLICE HOUSING CORPORATION LIMITED  
No. 132 EVR Salai, Kilpauk, Chennai – 600 010.

Technical sanction slip

Name of work: Providing toilet block with septic tank  
arrangements to the Government Girls Higher  
Secondary School at Shoolagiri in Krishnagiri  
District.

F.S.

Lx NO. 007 / 266 / 2024 / 2023

DE: 23:03:2023.

LS Provision for Development

53,04,000 + for 2 schools

35,36,000 +.

(for this work)

Special provision

Total

Total Administrative Sanction

Estimate Sanctioned so for

Technically sanctioned for Rs.

35,36,000 +

(Rupees Thirty five lakhs & thirty six thousand only)

only) and registered in CER No.

/2023 – 2024.

16/6/2023  
JDO

17/6/2023  
JE

17/6/23  
HDO

17/6/23  
CE/TNPHC

2/2



Name of Work: Providing Toilet Block

Sl. No.

Description

|     |  |         |      |       |         |       |         |       |         |
|-----|--|---------|------|-------|---------|-------|---------|-------|---------|
| 1.0 | Earth work excavation for foundation in all soils and sub soils to the required depth as may be directed except in hard rock requiring blasting but inclusive of shoring, strutting and bailing out water wherever necessary and refilling the sides of foundation with excavated earth in 150mm thick layers well watered rammed and consolidated and depositing the surplus earth in places shown clearing and levelling the site with an initial lead of 10 metres and lift as specified here under etc., complete in all respects complying with relevant standard specifications. (Including Refilling) | 237.08  | Cum. | 26.00 | 6164.08 | 2.70  | 640.12  | 28.70 | 6804.20 |
| 2.0 | Earth work excavation for Open Foundation in all soils and sub soils to the required depth as may be directed except in hard rock requiring blasting, inclusive of shoring, strutting and bailing out water wherever necessary (Excluding refilling the sides of foundation) and depositing the earth in places shown clearing and levelling the site with an initial lead of 10 metres and lift as specified hereunder etc., complete in all respects complying with relevant standard specifications. (Excluding Refilling)  | 112.05  | Cum. |       | 0.00    | 34.40 | 3854.52 | 34.40 | 3854.52 |
| 3.0 | Supplying and filling with 40mm size Hard broken stone jelly in foundation and basement and other similar works including cost of materials, labour charges, etc., all complete and as directed by the departmental officers   | 1333.42 | Cum. |       | 0.00    | 2.30  | 3066.87 | 2.30  | 3066.87 |
| 4.0 | Supplying and filling with 20mm size Hard broken stone jelly in foundation and basement and other similar works including cost of materials, labour charges, etc., all complete and as directed by the departmental officers.  | 1752.62 | Cum. |       | 0.00    | 1.50  | 2628.93 | 1.50  | 2628.93 |
| 5.0 | Supplying and filling in foundation and basement with filling CS sand in layers of 150mm thickness well watered, rammed and consolidated complying with relevant standard specification including cost of supplying filling CS sand  | 1518.58 | Cum. | 4.10  | 6226.18 | 1.50  | 2277.87 | 5.60  | 8504.05 |

12390.26

12468.30

20556.56

|      |   |         |      |       |          |       |          |       |           |
|------|---|---------|------|-------|----------|-------|----------|-------|-----------|
| 6.0  | Plain Cement Concrete 1:5:10 (One of cement, five of sand and ten of hard broken stone jelly) for foundation using 40mm gauge hard broken stone jelly inclusive of shoring, strutting and bailing out water wherever necessary ramming, curing etc., complete in all respects complying with relevant standard specifications and as directed by the departmental officers.   | 4740.95 | Cum. | 5.00  | 23704.73 | 1.37  | 5495.10  | 6.37  | 30159.85  |
| 7.0  | Plain Cement Concrete 1:2:4 (One of cement, two of sand and four of hard broken stone jelly) using 20mm gauge hard broken stone jelly excluding shuttering and centering but including laying, curing and finishing with relevant standard specifications in foundation and basement and other similar works & as directed by the departmental officers.  | 6292.40 | Cum. |       | 0.00     | 3.10  | 19506.44 | 3.10  | 19506.44  |
| 8.0  | Brick work in CM 1:5 (One of Cement and five of crushed stone sand with admixture) using <del>11.5 x 5.5 x 3.0</del> <sup>11.5 x 5.5 x 3.0</sup> bricks of size 230 x 110 x 70mm having the compressive strength of not less than 100 Kg/cm <sup>2</sup> in foundation and basement including dewatering wherever necessary proper setting, curing etc., all complete with relevant standard specifications in Foundation & basement.   | 6531.22 | Cum. | 10.80 | 71873.42 | 10.80 | 70537.18 | 21.80 | 142380.60 |
| 9.0  | Brick work in CM 1:6 (One of Cement and six of crushed stone sand with admixture) using <del>11.5 x 5.5 x 3.0</del> <sup>11.5 x 5.5 x 3.0</sup> bricks of size 230 x 110 x 70mm having the compressive strength of not less than 100 Kg/cm <sup>2</sup> for superstructure in the following floors including labour charges for fixing the doors, windows and ventilator frames in position, fixing of hold fasts, scaffolding, curing etc., all complete with relevant standard specifications and drawings. |         |      |       |          |       | 0.00     | 0.00  | 0.00      |
| 0.0  | a. In Ground Floor  | 6537.64 | Cum. | 14.10 | 92180.72 |       | 0.00     | 14.10 | 92180.72  |
| 10.0 | Brick partition wall in CM 1:4 (One of Cement and four of crushed stone sand with admixture) 70mm thick for super structure using <del>11.5 x 5.5 x 3.0</del> <sup>11.5 x 5.5 x 3.0</sup> bricks of size 230 x 110 x 70mm having the compressive strength of not less than 100 Kg/cm <sup>2</sup> for superstructure in the following floors including scaffolding, curing etc., all complete with relevant standard specifications and drawings.   |         |      |       |          |       | 0.00     | 0.00  | 0.00      |
| 0.0  | b. In Ground Floor  | 863.71  | Sqm. | 69.30 | 36089.27 |       | 0.00     | 69.30 | 36089.27  |

823.77-  
 109007.02  
 236008.43  
 345205.44

| 11.0 | Filling in foundation and basement and other similar works with excavated earth in layers of 150mm thick well watered rammed and consolidated complying with relevant standard specifications etc., all complete and as directed by the departmental officers.  | 38.95 Cum.   | 0.36   | 14.02    | 6.40  | 249.28  | 0.76   |
|------|---|--------------|--------|----------|-------|---------|--------|
| 12.0 | Flooring with a bed Cement concrete 1:5:10 (one of cement, five of sand and ten of hard broken stone jelly) using 40mm size hard broken stone jelly and top left rough to receive the floor finish with required slopes including ramming, curing etc., all complete complying with relevant standard specifications. | 4740.95 Cum. | 3.10   | 14596.95 | 0.00  | 0.00    | 3.10   |
| 13.0 | Plastering the top flooring in CM 1:4 (One of cement and four of sand) 20mm thick including surface rendered smooth including providing proper slopes, thread lining, curing and 150mm wide skirting around with the same cement mortar etc., complete in all respects.   | 506.76 Sqm.  | 25.00  | 13175.76 | 0.80  | 405.01  | 26.80  |
| 14.0 | Plastering with CM 1:5 (One of cement and five of sand) 12mm thick finished with neat cement including providing band cornice, ceiling cornice, curing scaffolding etc., complete in all respects and complying with relevant standard specifications.  | 248.44 Sqm.  | 248.00 | 61613.12 | 13.80 | 4670.07 | 266.80 |
| 15.0 | Plastering with CM 1:4 (One of cement and four of sand) 12mm thick finished with neat cement including providing band cornice, ceiling cornice, curing scaffolding etc., complete in all respects and complying with relevant standard specifications.  | 254.53 Sqm.  | 47.20  | 12013.82 | 30.30 | 7712.26 | 77.50  |
| 16.0 | Special Ceiling plastering in cement mortar 1:3 (one of cement and three of sand) 10mm thick for bottom of roof, stair, waist, landing and sunshades in all floors finished with neat cement including hacking the areas providing band cornice, scaffolding, curing etc., complete                                   | 285.74 Sqm.  | 16.30  | 13229.76 | 0.00  | 0.00    | 46.30  |
| 17.0 | Plastering in CM 1:5 (One of cement and five of sand) 12mm thick for border finish in all floors for elevation purposes, including scaffolding, curing, finishing etc., all complete  | 52.20 Rmt    | 59.60  | 3111.12  | 0.00  | 0.00    | 59.60  |
| 0.0  | b. 75 mm wide   | 52.20 Rmt    | 50.80  | 3173.76  | 0.00  | 0.00    | 60.80  |

354062.97 122044.64 676107.61

|      |   |         |      |       |          |      |       |          |          |
|------|---|---------|------|-------|----------|------|-------|----------|----------|
| 18.0 | White Washing three coats using clean shell lime slaked including cost of lime, gum, blue, brushes, including scaffolding etc., complete in all respects.   | 45.28   | Sqm. | 91.20 | 2271.14  | 0.00 | 46.30 | 2271.14  | 12636.00 |
| 19.0 | Supplying, laying, fixing and jointing the following PVC pipes as per schedule 40 of wall thickness not less than specified in IS 4985 suitable for plumbing by threading of wall thickness including the cost of suitable PVC/GI specials/GM specials like elbow, Tee, reducers, plug, union, bend, coupler, nipple/GM gate valve check and wheel valve etc., wherever required above the ground level including the cost of teflon tape, special clamps, nails, etc., fixing on wall to the proper gradient and alignment and redoing the chipped of masonry etc., as directed by the departmental officers.  | 252.16  | Rmt  | 50.00 | 12636.00 | 0.00 | 50.00 | 12636.00 | 12636.00 |
| 0.0  | a. 32 mm dia  | 250.12  | Rmt  | 20.00 | 4657.60  | 0.00 | 20.00 | 4657.60  | 12636.00 |
| 0.0  | b. 25 mm dia  | 234.12  | Rmt  | 5.00  | 800.00   | 0.00 | 5.00  | 800.00   | 12636.00 |
| 20.0 | Supplying and fixing of PVC Nahani Trap not less than 75mm 4 way/ 2ay (superior variety) having minimum of water seal of 50mm confirm to relevant IS specifications with its latest amendments including resting on the bed of brick jelly concrete 1:5:10 (one of cement, five of sand and ten of 40mm gauge brick jelly) etc., complete as directed by the departmental officers. (The PVC Nahani Trap should be got approved from the EE before use)   | 319.90  | Cum  | 18.40 | 5886.16  | 0.00 | 18.40 | 5886.16  | 12636.00 |
| 21.0 | Supplying and filling in foundation and basement with gravel in layers of 150 mm thickness well watered, rammed and consolidated complying with relevant standard specifications including cost of supplying gravel and as directed by the departmental officers.   | 7809.29 | Cum  | 4.90  | 38265.52 | 0.95 | 5.85  | 45684.35 | 12636.00 |
| 22.0 | Providing and laying in position, Standardised concrete mix M - 20 Grade in accordance with IS 456 - 2000, using 20mm and down graded hard broken stone jelly for all RCC items of works with minimum cement content of 325 kg/m3 and water cement ratio of 0.45, including admixture (Plasticiser/ super plasticiser) in recommended proportions as per IS : 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability with about (5.0 cu.m) 7730 kg. og 20mm machine crushed stone jelly and with about (3.3 cu.m) 5156 kg. of 10 - 12mm machine crushed stone jelly and with about (4.79 cu.m) 7670 kg. of sand, but excluding | 7809.29 | Cum  | 4.90  | 38265.52 | 0.95 | 5.85  | 45684.35 | 12636.00 |
| 0.0  | a. In Foundation and basement   | 7809.29 | Cum  | 4.90  | 38265.52 | 0.95 | 5.85  | 45684.35 | 12636.00 |

252.12

234.47

418436.52 12413.46 547899.98



| 0.0  | b. Ground Floor  | 7929.14 | Cum | 10.00 | 79291.40 | 0.00 | 10.00 | 79291.40 |
|------|--|---------|-----|-------|----------|------|-------|----------|
| 23.0 | Providing Precast concrete slab for cupboard ward robes shelves, cover slab for chambers, baffle walls side slabs of boxing around windows and other similar works in Standardized Concrete Mix M-20 Grade using M sand, hard broken stone jelly of size 10mm and less for the following thickness excluding the cost and fabrication of reinforcement grills but including precasting, moulding, curing, finishing and fixing in position complying with relevant standard specifications etc., complete in the following floors (Measurement will be taken including bearing in wall also) 40mm thick  |         |     |       |          | 0.00 | 0.00  | 0.00     |
| 0.0  | a) In foundation and basement  | 1620.69 | Sqm | 5.70  | 9237.93  | 2-30 | 8.00  | 12965.52 |
| 24.0 | Precast cement concrete Jolly ventilator in M20 Grade concrete (One of cement, two of sand, and four of hard broken stone jelly) using 20mm gauge hard broken stone jelly for the following thickness excluding the cost and fabrication of reinforcement grills but including precasting, moulding, curing, finishing and fixing in position complying with relevant standard specifications etc., complete in the following floors. 50mm thick   |         |     |       |          | 0.00 | 0.00  | 0.00     |
| 0.0  | a. In Ground floor   | 2954.43 | Sqm | 4.70  | 13885.82 |      | 4.70  | 13885.82 |
| 25.0 | Providing Form work and centering for reinforced cement concrete works including supports and strutting up to 3.30m height for plane surfaces as detailed below with all cross bracings using mild steel sheets of size 90cmx60cm and MS 10 gauge stiffened with welded mild steel angles of size 25mmx25mmx3mm for boarding laid over silver oak or country wood joists of size 10cmx6.5cm spaced at about 90cm centre to centre supported by caurina props 10cm to 13cm dia spaced at 75cm intervals and removing the same after a specified period without damaging the RCC works etc., complete complying with standard specifications and as directed by the departmental officers. |         |     |       |          | 0.00 | 0.00  | 0.00     |
| 0.0  | a. For Column footings, plinth beam, Grade beam, Raft beam, Raft slab etc.,  | 848.08  | Sqm | 23.90 | 20269.11 | 1.70 | 25.60 | 21710.85 |
| 0.0  | b. Plain surfaces such as Roof slab, floorslab, Beams, lintels, lofts, sill slab, staircase, portico slab and other similar works  | 946.62  | Sqm | 75.90 | 71848.46 | 7.00 | 82.90 | 78474.80 |

612969.24 14129.17 7.54

| 0.0  | For square and rectangular columns and small quantities  | 1135.94 Sqm | 23.30 | 26457.40 | 0.00 | 23.30 | 26467.40 |
|------|--|-------------|-------|----------|------|-------|----------|
| 26.0 | Providing and fixing factory made Unplasticized polyvinyl chloride (UPVC) Door Frame of size 50X47mm with a wall thickness of 5mm, made out extruded 5mm rigid UPVC foam sheet, mitred at two corners and joined with 2nos of 150mm long brackets of 15X15mm M.S square tube. The two vertical and horizontal door profiles are to be reinforced with 19X19mm M.S Square tube of 19-gauge primer coat. The doorframe shall be fixed to the wall using 65/100mm long M.S screw through the frame by using PVC fasteners. A minimum of 4nos screws to be provided for each vertical member & minimum 2nos for horizontal member etc., and providing and fixing 30mm thick factory made solid panel foam unplasticized polyvinyl chloride (UPVC) door shutter as per IS 15931/2012 and density of sheet should be 0.55 to 0.65 gm / cm <sup>3</sup> , tolerance of thickness of paneled door shutters shall be +20mm, the average weight of the door shutter with frame will be 1kg / sqft and the shutter alone will be 0.675 kg/sqft, consisting of frame made out of M.S tubes of 19 gauge thickness and size 19mmX19mm for styles & 15mmX15mm for top & bottom rails M.S frames shall be covered with 5mm thick | 3325.00 Sqm | 26.00 | 86450.00 | 0.00 | 26.00 | 86450.00 |
|      |  |             | 18.80 | 62510.00 |      | 18.80 | 62510.00 |
| 27.0 | Supplying and fixing of colour glazed tiles of size 200x300x8mm or other size (best approved quality and the same shall be got approved from the Executive Engineer before using) over cement plastering in CM 1:2 (one of cement and two of sand) 10mm thick including fixing in position, cutting the tiles to the required size wherever necessary, pointing the joints with Grout (Tile joint filler), curing, finishing etc., all complete and as directed by the   | 1373.83 Sqm | 26.00 | 35719.58 | 0.00 | 26.00 | 35719.58 |
| 28.0 | Supplying and fixing of colour ceramic tiles Anti skid of size 305x305x10mm without corrugated design for flooring and other similar works (best approved quality colour and shade shall be got approved from the EE before using) over cement 1:3 (one cement and three of sand) 20mm thick including fixing in position, cutting the tiles to the required size wherever necessary, pointing the joints with grout (Tile joint filler) curing, finishing etc., all complete and as directed by the departmental officers.  | 1205.17 Sqm | 34.30 | 41337.33 | 0.00 | 34.30 | 41337.33 |

279003.53

141259.13

920262.68

|      |   |  |      |                           |   |               |                                 |        |   |
|------|---|--|------|---------------------------|---|---------------|---------------------------------|--------|---|
| 29.0 | Finishing top of roof with 150mm dia (150) (one cement and three HBGS stone chips and No sand) added 25mm thick including curing etc., as per standard specifications. (The quality of tiles shall be got approved from the EE before use) <i>Elisabeth Plenum</i>  | 445.81                                   | Sqm  | 52.30                     | 23315.86                                    | 7.80          | 3477.32                         | 60.16  | 26793.10                                    |
| 30.0 | Painting two coats with ready mixed PLASTIC EMULSION PAINT (Outer walls) of first class quality paint of approved colour and shade including a one coat of priming coat on cement plastered / concrete wall surfaces or other similar works, including cost of primer, paint, necessary brushes, labour charges, patty etc., complying with relevant standard specification. The paint should be supplied by the contractors at his own cost. (The quality and shade of the paint should be got approved by the Executive engineer before use.)                         | <del>232.58</del><br>231.43<br>232.98    | Sqm  | <del>132.20</del><br>#### | <del>30747.98</del><br>30595.05<br>30799.96 |               | 0.00                            | 132.20 | <del>30595.05</del><br>30747.98<br>30799.96 |
| 31.0 | Supplying, fabricating and placing in position of Mild steel Grills/Ribbed Tor Steels for reinforcement for all floors including cost of PVC binding wire, bending, tying etc., all complete and as directed by the departmental officers for all sizes.  | <del>87728.50</del><br>#####<br>88873.50 | MT   | 1.575                     | 139975.70<br>138487.39                      | 0.142<br>#### | <del>12485.85</del><br>12620.24 | 1.717  | <del>152595.80</del><br>150973.23           |
| 32.0 | Supplying, laying, fixing and jointing the following PVC pipes suitable for plumbing by threading of wall thickness including the cost of suitable UPVC/GI specials/GM specials like elbow, Tee, reducers, plug, union, bends, coupler, nipple/GM gate valve check and wheel valve etc., wherever required above the ground level including the cost of teflon tap etc., fully concealed in walls to the proper gradient and alignment and redoing the chipper portion of masonry etc., all complete and as directed by the departmental officers. c) 20mm dia PVC Pipe | <del>229.72</del><br>228.09<br>231.92    | Rmt  | 25.00                     | 5798.00<br>5748.00<br>5702.25               |               | 0.00                            | 25.00  | 5798.00<br><del>5748.00</del><br>5702.25    |
| 33.0 | S & F of 15mm dia (long body) of Best quality including cost of tap with required specials and labour for fixing etc, all complete and as directed by the departmental officers.  | <del>488.00</del>                        | Each | 11.00                     | 5368.00                                     |               | 0.00                            | 11.00  | 5368.00                                     |

984261.13

157356.48

1141612.62

|      |  |                               |      |      |  |        |      |  |
|------|--|-------------------------------|------|------|--|--------|------|--|
| 34.0 | Supplying and fixing of Indian Water Closet white glazed (oriya type) of size 580mmx440mm of approved make with ISI mark (to be got approved from EE before use) with P or S trap conforming to IS 2556 part 12, including concrete packing filling portion with earth, flooring the area with 75mm thick brick jelly concrete in CC 1:8:16 (One of cement, eight of sand and sixteen of brick jelly) using 40mm size brick jelly and top left rough to receive the floor plastering but including antisiphonage connection, curing etc., all complete and as directed by the departmental   | <del>3317.04</del><br>3347.80 | Each | 9.00 | 29853.36<br><del>30130.20</del>            | 0.00   | 9.00 | 30130.20<br>29853.36                       |
| 35.0 | Supplying and fixing EWC white superior variety 500mm including cost and fixing of double flapped coloured plastic sheet cover PVC flusing cistern in appropriate level as directed by the departmental officers at a maximum level of 5'6" and of approved brand of 10 litres capacity including fittings such as CI brackets. PVC connection GM wheel valve, Hex Nipple, etc., complete (EWC and plastic cover shall be got approved from the Executive Engineer before fixing)  | <del>7084.30</del><br>7114.20 | Each | 1.00 | 14168.60<br><del>14228.40</del><br>7084.30 | 0.00   | 1.00 | 7084.30<br>14228.40<br>14168.60<br>7114.20 |
| 36.0 | Supplying and fixing of porcelain wash hand basin (white without pedestal) superior variety of size 550x400mm with all accessories such as powder coated cast iron brackets, 32mm dia CP waste coupling, rubber plug and aluminium chain, 32mm dia 'B' class GI waste pipe, angle valve, 15mm dia Nylon connection, 15mm dia brass nipples, 15mm CP pillar tap and required grating etc., complete in all respects (wash hand basin shall be got approved by the Executive Engineer before fixing)   | <del>3671.34</del><br>3337.32 | Each | 2.00 | 7054.64<br><del>6674.64</del><br>6674.64   | 0.00   | 2.00 | 7054.64<br>6674.64<br>6674.64              |
| 37.0 | Supplying and fixing the following dia PVC (SWR) pipe with ISI mark conforming to IS 13952:1992- type 'A' with PVC cowl and relevant specials conforming to IS 14735 including jointing with seal ring conforming to IS 5382 with leaving a gap 10mm to allow thermal expansion and fixing the pipes into walls or over the septic tank with necessary wooden plug, screws, holding wherever necessary and making good of the dismantled portion with necessary connections to sanitary fittings etc., complete in all respects and as directed by the departmental officers.<br>a) 110mm dia PVC SWR pipe of 3 metre with required PVC Cowl & PVC specials etc., all complete | 454.00                        | No   |      | 0.00                                       | 454.00 | 1.00 | 454.00                                     |

1027903.33

157810.49

118573.62

|      |  |                               |      |       |                               |                               |                               |                               |                               |                               |
|------|--|-------------------------------|------|-------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 38.0 | <p>Supplying, laying and jointing the following dia UPVC Non Pressure pipes of SN8 SDR 34 (S 16.5) as per IS 15328/2003, Superior variety and tested with water, including necessary earth work excavation for trenches and refilling the same, well rammed and consolidated after the pipes are jointed and laid to the alignment as directed by the departmental officers. (SN8 SDR 34(S 16.5), as per IS 15328/2003, should be got approved by the EE/SE/CE before use in works)</p>  | 481.35                        | 0.00 | 0.00  | 0.00                          | 0.00                          | 0.00                          | 0.00                          | 0.00                          | 0.00                          |
| 0.0  | a. 110 mm UPVC Non Pressure pipe   | 467.56                        | Rmt  | 15.00 | 7220.25                       | 7220.25                       | 7220.25                       | 7220.25                       | 7220.25                       | 7220.25                       |
| 39.0 | <p>Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to ISI 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS:694/1990, 1.1 KV grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size MS box of 16g thick concealed and covered with 3mm hylem sheet controlled by 5 amps flush type switch including circuit mains cost of all materials, specials etc., all complete</p> |                               |      |       |                               |                               |                               |                               |                               |                               |
| 0.0  | a. Light point with ceiling rose   | 1692.00                       | Each | 6.00  | 10152.60                      | 10152.60                      | 10152.60                      | 10152.60                      | 10152.60                      | 10152.60                      |
| 0.0  | b. Light point without ceiling rose  | 1695.10                       | Each | 12.00 | 20341.20                      | 20341.20                      | 20341.20                      | 20341.20                      | 20341.20                      | 20341.20                      |
| 40.0 | <p>Supplying and fixing of water tight Bulk head fittings with guard, suitable for 12W LED lamp including necessary connections, cost of materials etc., all complete.</p>   | 529.20<br>530.00              | Each | 1.00  | 530.00<br>529.20              | 530.00<br>529.20              | 530.00<br>529.20              | 530.00<br>529.20              | 530.00<br>529.20              | 530.00<br>529.20              |
| 41.0 | <p>Supply assembling and fixing of 18 watts LED tube light with fitting of four feet long and fixing the tube light fitting on teak wood round blocks of 75mm dia 40mm deep suspended from ceiling or mounted on the wall including cost of all materials and labour for fixing in position and as directed by the departmental officers. ( The entire fittings should be got approved from the Executive Engineer before use )</p>  | 705.00<br>704.13              | Each | 2.00  | 1410.00<br>1408.26            | 1410.00<br>1408.26            | 1410.00<br>1408.26            | 1410.00<br>1408.26            | 1410.00<br>1408.26            | 1410.00<br>1408.26            |
| 42.0 | <p>Supply and fixing of 25 watts LED street light fitting complete with all accessories such as copper wire etc., complete using 25mm dia GI 'B' class pipe for 150 m length , conforming to ISI specifications and including labour charges for fixing street light fittings in EB pole/wall etc complete as directed by the departmental officers(The quality and brand of entire fitting should be got approved from Executive Engineer before use)</p>   | 3460.00<br>3458.67<br>3459.00 | Each | 1.00  | 3460.00<br>3459.00<br>3458.67 | 3460.00<br>3459.00<br>3458.67 | 3460.00<br>3459.00<br>3458.67 | 3460.00<br>3459.00<br>3458.67 | 3460.00<br>3459.00<br>3458.67 | 3460.00<br>3459.00<br>3458.67 |

1071012.38

157810.48

122882.787

| 43.0 | Supplying & fixing of LED bulbs suitable for fixing it to pendant / bakelite battent holder of best approved variety and as directed by the departmental officers.   |                   |      |                           |                                  |  | 0.00 | 0.00             | 0.00                             |
|------|--|-------------------|------|---------------------------|----------------------------------|--|------|------------------|----------------------------------|
| 0.0  | a) 15W Bulb (As per PWD SR 2023 - 24 Pg. 121 item no. M-1283)  | 270.00            | Each | 1.00                      | 270.00                           |  | 0.00 | 1.00             | 270.00                           |
| 0.0  | b) 9W Bulb (As per PWD SR 2023 - 24 Pg. 121 item no. M-1282)   | 135.00            | Each | 12.00                     | 1620.00                          |  | 0.00 | 12.00            | 1620.00                          |
| 44.0 | Run off main with 2 wires of 1.5 Sq. mm. PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990, 1.1 kv grade cable with continuous earth by means of 2.5 sq. mm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990, 1.1. k.v. grade cable in fully concealed 19mm/20mm dia rigid PVC conduit pipe heavy duty with ISI mark cost of all materials, specials etc., all complete.  | 214.90            | Rmt  | 25.00                     | 5372.50                          |  | 0.00 | 25.00            | 5372.50                          |
| 45.0 | Painting the new walls with OBD for inner wall excluding primer coat of approved brand over cement plastered wall surfaces including cost of paints, putty, brushes, watering, curing, etc., all complete as directed by the departmental officers (paints and its shade shall be got approved from the Executive Engineer before use).  | 125.27<br>139.22  | Sqm  | 143.25<br>#####<br>115.70 | 17913.67<br>19908.46<br>14493.74 |  | 0.00 | 143.25<br>115.70 | 15713.67<br>19908.46<br>14493.74 |
| 46.0 | Supply and erection of Rotational Moulded Polyethylene water storage tanks (HDPE Cylindrical vertical type) for outdoor use having capacity of 1000 litres (excluding free board) of approved brand (superior variety) with ISI Mark (marked with tank itself) with top lid with provisions of locking including necessary specials and fittings for storing potable water and for storing potable water and manufactured with material which do not import any taste / odour / any toxic effect and not to contaminate etc with carbon block content and dispersion in accordance with relevant I.S. specification and as directed by the departmental officers etc. complete. (The tank should be got approved from the E.E. before use) PWD SR P-54/23-24 item no M-0540 Rs 10.05/lit | 10050.00<br>##### | Each | 1.00                      | 10050.00                         |  | 0.00 | 1.00             | 10050.00                         |

1102823.62 157810.48 126034.10



|      |   |         |      |       |         |         |       |         |
|------|---|---------|------|-------|---------|---------|-------|---------|
| 47.0 | Supplying and fixing of 225 mm dia sweep AC exhaust fan of approved ISI Quality including necessary wall opening, fixing and finishing the wall opening and making good including cost of materials, labour for fixing, chipping and redoing necessary inter connection, scaffolding, hire charges for tools and plants etc., all complete and as directed by the departmental Officers   | 2176.40 | Each | 2.00  | 4352.80 | 0.00    | 2.00  | 4352.80 |
|      |   | 2177.00 |      |       | 4354.00 |         |       | 4354.00 |
| 48.0 | Supplying and laying and loose jointing the following dia stone ware pipes with ISI mark superior variety with spigot and socket ends in dry conditions and tested with water, after the pipes are laid to proper gradient to the alignment etc, complete   | 0.00    | 0.00 | 0.00  | 0.00    | 0.00    | 0.00  | 0.00    |
|      | b) 100mm Dia  | 242.19  | Rmt  | 0.00  | 0.00    | 7.50    | 7.50  | 1813.18 |
| 49.0 | Supplying and fixing of the following stone ware TEE superior variety and jointing with cement and tarred yarn laid to proper gradient including earth work excavation, refilling trenches, concreting, curing and testing the joints etc., complete  | 243.09  |      |       |         | 1816.43 |       | 1816.43 |
| 50.0 | b) 100mm Dia  | 131.00  | Each | 0.00  | 0.00    | 2.00    | 2.00  | 262.00  |
|      | S & F of 15mm dia CP Tap (short body) for Best quality including cost of tap with required specials and labour for fixing etc, all complete and as directed by the departmental officers.   | 440.00  | Each | 10.00 | 4400.00 | 0.00    | 10.00 | 4400.00 |
| 51.0 | Providing pre-constructional anti termite treatment including cost of chemicals labour as per standard specifications for preparing the area for treatment by spraying chemicals and other incidental charges etc all complete the rates should be for curing antitermite treatment from plinth beam and brick masonry with superstructure in contract with the back fill earth and at the junction of the walls. The top surfaces of filled earth for flooring and the soil along with the perimeter of the building by making holes with the crow bar and poured 5% termicide 'Chloripyrifos' and spraying the same termicide solution on the wooden frames and treating the other periphery of buildings etc., complete. | 34.00   | Sq.m | 43.90 | 1492.60 | 43.90   | 43.90 | 1492.60 |
|      |   | 33.90   |      |       | 1488.21 |         |       | 1492.60 |

113090.22

15968.91

1272959.12

|      |   |             |        |           |        |           |
|------|---|-------------|--------|-----------|--------|-----------|
| 52-0 | Supplying and fixing of 15 amp 3 pin plug type socket on a suitable MS box 16g thick connection and covered with 3mm thick laminated hylem sheet inclusive of all connections and cost of all materials   | 150.00 Each | 2.00   | 300.00    | 2.00   | 300.00    |
| 53-0 | Supply and fixing of ornamental mirror of size 0.50m x 0.40m mounted in the PVC frame around with 5mm thick hard board packing rear including labour for fixing in position etc., all complete and as directed by the departmental officers.  | 398.30 Each | 2.00   | 796.60    | 2.00   | 796.60    |
| 54-0 | Supplying and fixing the following dia PVC (SWR) pipe and relevant specials including packing the joints with rubber lubricant fixing them into walls with necessary wooden plug screws, holding wherever necessary and making good of the dismantled portion with necessary connections to sanitary fittings etc., |             |        |           |        |           |
| 55-0 | a) 110mm dia PVC SWR pipe including all required PVC specials etc., all complete.,  | 717.55 Rmt  | 10.00  | 7175.50   | 10.00  | 7175.50   |
|      | b. 75 mm dia.   | 600.25 Rmt  | 10.00  | 6002.50   | 10.00  | 6002.50   |
|      | Painting primer coat using approved quality of white cement over the cement plastered / concrete wall surfaces, ceiling or other similar works including cost of white cement, putty, brushes, watering, curing etc., complete and as directed by the departmental officers.  | 61.63 Sqm   | 115.70 | 7130.59   | 115.70 | 7130.59   |
|      | TOTAL   |             |        | 159736.55 |        | 159736.55 |

1134475.41 1179123.66  
 159888.91 159888.91  
 136022.62 136022.62  
 1322449.00 1322449.00  
 1294364.32 1294364.32

01/06/2023  
 JIS (16)  
 01/06/2023  
 JDO  
 01/06/2023  
 JE  
 01/06/2023  
 HDO