

**TAMIL NADU POLICE HOUSING CORPORATION LIMITED**

**No: 132 E.V.R. Salai, Kilpauk, Chennai-10.**

**Memo No: CE/DB/232/2021**

**Date.04.02.2021.**

**Sub: TNPHC Ltd – HO/DB- South Circle – Mdu Dn. – Construction of New Office Building for CBCID with development works at Master Plan Complex Karur in Karur District – Estimate Technically sanctioned – Intimation - Reg.**

**Ref: SE's Lr.No. DB/SC/273/2021, Dt.01.02.2021.**

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With reference to the above, it is hereby informed that the estimate submitted by the Superintending Engineer/South Circle for the above work is technically sanctioned by the Undersigned for **Rs.86,99,000/-** and registered vide **CER.No:162/ 2020-2021** and also the above work should be completed with in the approved Fund. .

The Superintending Engineer/South Circle is requested to depute a person to this office to take a copy of the above estimate.

The receipt of the memo should be acknowledged.

Yours faithfully,

*S. Manimala*  
4/2/2021  
for Chief Engineer/TNPHC

To

The Superintending Engineer/South Circle,  
TNPHC Ltd, Madurai.

Copy to the Executive Engineer/ Mdu Dn.,  
TNPHC Ltd., Madurai.

From: HO  
9/2/21 @ 10.16 AM

GENERAL ABSTRACT

(2)

Name of work : Construction of CBCID Building with development works at Karur in Karur District under Hon'ble CM's Announcement scheme

| Sl.No. | Qty  | Description   | Rate                           | Unit | Amount            |
|--------|------|---|--------------------------------|------|-------------------|
|        |      | <b>BUILDING WORKS</b>                               | <b>AS PER PWD SR 2020-2021</b> |      |                   |
| 1      | 1.00 | Main building                                       | 5695638.58                     | /    | 5695638.58        |
|        |      | <b>SUB - TOTAL - I Rs.</b>                          |                                |      | <b>5695638.58</b> |
|        |      | <b>Development works</b>                            |                                |      |                   |
| 2      |      | OHT   | 82275.41                       | /    | 82275.41          |
| 3      |      | RCC Sump  | 139343.52                      | /    | 139343.52         |
| 4      |      | Septic tank   | 148937.84                      | /    | 148937.84         |
| 5      |      | Plinth protection                                   | 84495.79                       | /    | 84495.79          |
| 6      |      | Sullage drain                                       | 53443.50                       | /    | 53443.50          |
| 7      |      | C.C Road  | 192124.06                      | /    | 192124.06         |
| 8      |      | LED Lighting arrangements                           | 39651.00                       | /    | 39651.00          |
| 9      |      | Numbering and lettering arrangements                | 33174.40                       | /    | 33174.40          |
| 10     |      | Borewell and water supply arrangements              | 353083.81                      | /    | 353083.81         |
| 11     |      | UG cable arrangements                               | 39174.20                       | /    | 39174.20          |
|        |      | <b>SUB - TOTAL - II Rs.</b>                         |                                |      | <b>6861342.11</b> |
| 11     |      | <b>GST at 12.0% ( GST at 6% + CGST 6% )</b>         |                                |      | 823361.05         |
|        |      | <b>SUB - TOTAL - III Rs.</b>                        |                                |      | <b>7684703.16</b> |
| 12     |      | Provision for Soil investigation                    | LS                             |      | 25000.00          |
|        |      | <b>SUB - TOTAL - IV Rs.</b>                         |                                |      | <b>7709703.16</b> |
| 13     |      | Labour Welfare fund @ 1.0%                          | As pr PWD Norms                |      | 77097.03          |
| 14     |      | Unforeseen items, Contingences and PS charges @2.5% | As pr PWD Norms                |      | 192972.07         |
| 15     |      | Supervision Charges @ 7.5%                          |                                |      | 578227.74         |

|    |  |   |    |            |
|----|--|---|----|------------|
|    |  | SUB - TOTAL - V Rs.                           |    | 8558000.00 |
| 16 |  | Advertisement charges                         | LS | 20000.00   |
| 17 |  | Provision for EB shifting pole and EB deposit | LS | 43000.00   |
| 18 |  | Provision for local body approval             | LS | 50000.00   |
| 19 |  | Structural Design / Consultancy charges       | LS | 28000.00   |
|    |  | GRAND TOTAL Rs.                               |    | 8699000.00 |

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**TAMIL NADU POLICE HOUSING CORPORATION LTD**

**ABSTRACT**

**Name of work : Construction of CBCID Building with development works at Karur in Karur District under Hon'ble CM's Announcement scheme**

| Sl. No.       | Qty.     | Description   | Rate      | Unit   | Amount      |
|---------------|----------|---|-----------|--------|-------------|
| 1.1<br>X      |          | Earth work excavation in all soils (including refilling) ✓  |           |        |             |
|               | 97.300 ✓ | a. 0 to 2 mt.   | ✓ 177.77  | Cum. ✓ | ✓ 17297.02  |
| 1.3<br>✓      |          | Earth work excavation in Soft disintegrated rock (including refilling)  |           |        |             |
|               | 58.600 ✓ | a. 0 to 2 mt.   | ✓ 260.17  | Cum. ✓ | ✓ 15245.96  |
| 1.5<br>✓      |          | Earth work excavation for Open foundation (excluding refilling)   |           |        |             |
|               | 80.900 ✓ | a. 0 to 2 mt. ✓   | ✓ 84.00   | Cum. ✓ | ✓ 6795.60   |
| 1.6<br>✓      |          | Earth work excavation for Open foundation for drains (excluding refilling) width upto 1.25 m                    |           |        |             |
|               | 3.500 ✓  | a. 0 to 2 mt.   | ✓ 126.00  | Cum. ✓ | ✓ 441.00    |
| 1.8<br>✓      |          | Earth work excavation in SDR for Open foundation (excluding refilling)  |           |        |             |
|               | 30.300 ✓ | a. 0 to 2 mt. ✓   | ✓ 125.20  | Cum. ✓ | ✓ 3793.56   |
|               | 6.500 ✓  | b. 2 to 3 mt. ✓   | ✓ 133.30  | Cum. ✓ | ✓ 866.45    |
| 2.1, 5<br>X   | 50.900 ✓ | Filling sand ✓  | ✓ 1568.41 | Cum. ✓ | ✓ 79832.07  |
| 2.6<br>X      | 6.000 ✓  | Supply and filling of 40 mm HBSJ ✓  | ✓ 1256.98 | Cum. ✓ | ✓ 7541.88   |
| 2.7<br>X      | 3.000 ✓  | Supply and filling of 20 mm HBSJ  | ✓ 1650.98 | Cum. ✓ | ✓ 4952.94   |
| 3.1, 1<br>X   | 44.300 ✓ | C.C.1:5:10 for Foundation & Basement  | ✓ 4188.66 | Cum. ✓ | ✓ 185557.64 |
| 3.2, 1<br>X   | 10.300 ✓ | P.C.C. 1:2:4 for Foundation & Basement and other similar works  | ✓ 5670.78 | Cum. ✓ | ✓ 58409.03  |
| 3.3, 1<br>X   | 0.200 ✓  | P.C.C. 1:8:16 using 20 mm broken brick jelly  | ✓ 3609.54 | Cum. ✓ | ✓ 721.91    |
| 6.6, 1<br>6.6 | 55.400 ✓ | Brick work in C.M. 1:5 (F& B) using Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") | ✓ 5782.84 | Cum. ✓ | ✓ 320369.34 |
| 7.2<br>✓      | 8.300 ✓  | Supply and fixing of Bituminous filler pad, 20 mm tk. for expansion joint                                       | ✓ 705.00  | Sqm. ✓ | ✓ 5851.50   |

767675.90 ✓

| Sl. No. | Qty.     | Description   | Rate      | Unit | Amount    |
|---------|----------|---|-----------|------|-----------|
| 9.6.1   |          | Brick work in C.M. 1:6 using Kiln Burnt Country bricks of size 22 x 11 x 7 cm ( 8 3/4" x 4 1/4" x 2 3/4")                     |           |      |           |
|         | 39.100   | a. In Ground Floor  | 5772.44   | Cum. | 225702.40 |
|         | 41.700   | b. In First Floor   | 5891.74   | Cum. | 245685.56 |
|         | 9.200    | c. In Second Floor  | 6011.04   | Cum. | 55301.57  |
| 10.6.1  |          | Brick partition work in C.M. 1:4 Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") 110 mm tk (B.P.) |           |      |           |
|         | 50.600   | a. In Foundation and basement   | 689.25    | Sqm. | 34876.05  |
|         | 34.800   | b. In Ground Floor  | 695.76    | Sqm. | 24212.45  |
|         | 98.600   | c. In First Floor   | 708.88    | Sqm. | 69895.57  |
|         | 16.800   | d. In Second Floor  | 722.00    | Sqm. | 12129.60  |
| 11.6.1  |          | Brick work in C.M. 1:4 Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") 70 mm tk (B.P.)            |           |      |           |
|         | 39.700   | a. In Ground Floor  | 470.72    | Sqm. | 18687.58  |
|         | 21.800   | b. In First Floor   | 479.07    | Sqm. | 10443.73  |
| 12.1.1  |          | Brick partition in C.M. 1:4 using country bricks of size 22 x 11 x 5 cm 50 mm thick   |           |      |           |
|         | 7.400    | a. In Ground Floor  | 342.58    | Sqm. | 2535.09   |
|         | 9.000    | b. In First Floor   | 348.55    | Sqm. | 3136.95   |
| 13.1    | 42.000   | Filling with Excavated Earth  | 29.30     | Cum. | 1230.60   |
| 21.2    |          | Teak wood Wrought & Put up  |           |      |           |
|         | 0.095    | a. T.W. over 2 m & below 3 m  | 121875.00 | Cum. | 11578.13  |
|         | 0.242    | b. T.W. below 2 m length.   | 109675.00 | Cum. | 26541.35  |
| 23.3    | 12.000   | S&F of Magnetic door catches  | 52.00     | Each | 624.00    |
| 24.0    | 1400.000 | Manufacturing & supply of steel windows (Weight basis)  | 61.50     | Kg.  | 86100.00  |
| 25.0    | 66.000   | M.S. Holdfast   | 9.60      | Each | 633.60    |
| 26.0    | 11.300   | Flooring in C.C. 1:5:10   | 4188.66   | Cum. | 47331.86  |
| 28.0    | 29.900   | Floor plastering in C.M. 1:4, 20 mm tk.   | 408.41    | Sqm. | 12211.46  |
| 30.0    | 24.400   | Ellis pattern   | 361.50    | Sqm. | 8820.60   |
| 31.0    | 2.500    | Weathering course   | 3234.07   | Cum. | 8085.18   |

1613439.23

905763.33

208828.82

| Sl. No. | Qty.     | Description  | Rate     | Unit | Amount    |
|---------|----------|--|----------|------|-----------|
| 33.0    | 1559.700 | Plastering in C.M. 1:5, 12 mm tk.                              | 201.71   | Sqm. | 314607.09 |
| 34.0    | 102.500  | Plastering in C.M. 1:4, 12 mm tk.                              | 207.56   | Sqm. | 21274.90  |
| 35.0    | 249.900  | Spl. Ceiling plastering in C.M. 1:3, 10 mm tk.                 | 229.77   | Sqm. | 57419.52  |
| 36.0    |          | <b>Cement mortar Border in C.M. 1:5, 12 mm tk.</b>             |          |      |           |
|         | 81.000   | a. 150 mm wide   | 63.15    | Rmt  | 5115.15   |
|         | 258.000  | b. 75 mm wide  | 40.96    | Rmt  | 10567.68  |
|         | 104.000  | c. 50 mm wide  | 30.45    | Rmt  | 3166.80   |
| 37.1    | 249.900  | White washing 3 coats (slaked)                                 | 35.14    | Sqm. | 8781.49   |
| 39.0    | 623.000  | M.s Grills   | 54.50    | Kg.  | 33953.50  |
| 40.0    | 55.000   | Painting - New "wood work"                                     | 197.58   | Sqm. | 10866.90  |
| 41.0    | 101.000  | Painting - New "iron work"                                     | 117.35   | Sqm. | 11852.35  |
| 46.0    | 6.400    | S & F 20 mm dia Alu. Hanger Rod                                | 58.00    | Rmt  | 371.20    |
| 47.0    | 4.000    | S & F Alu Towel rail 75 cm long                                | 95.00    | Each | 380.00    |
| 48.0    | 8.000    | S & F 5 pin Coat stand   | 55.00    | Each | 440.00    |
| 49.0    | 60.000   | S & F chromium plated 8 guage Picture Hook                     | 1.50     | Each | 90.00     |
| 50.2.1  | 40.000   | Providing precast Kerb stone in C.C. 1:3:6, 450 x 300 x 150 mm | 232.38   | Rmt  | 9295.20   |
| 50.3    | 5.000    | Supply and planting avenue trees                               | 340.68   | Each | 1703.40   |
| 50.4    | 5.000    | Providing Tree guard   | 757.63   | Each | 3788.15   |
| 50.5.1  | 1.000    | Supplying, Fabricating and erection of M.S Scheme Name board   | 15462.75 | Each | 15462.75  |
| 52.0    |          | <b>PVC Water supply (ASTM)</b>                                 |          |      |           |
|         | 30.000   | a. 32 mm dia   | 209.32   | Rmt  | 6279.60   |
|         | 89.000   | b. 25 mm dia   | 192.57   | Rmt  | 17138.73  |
| 53.3    | 5.000    | C.I. Steps ( 5 kg)   | 30.00    | Each | 150.00    |
| 59.5.2  | 9.000    | Gully Trap using Kiln burnt country bricks 22 x 11 x 7 cm.     | 1592.15  | Each | 14329.35  |
| 60.0    | 11.000   | PVC Nahani trap (4way/2way)                                    | 136.70   | Each | 1503.70   |
| 61.1    |          | <b>Stoneware pipe</b>  |          |      |           |
|         | 10.000   | a. 100 mm S.W. pipe  | 460.50   | Rmt  | 4605.00   |

| Sl. No. | Qty.    | Description  | Rate    | Unit | Amount    |
|---------|---------|--|---------|------|-----------|
| 62.2    |         | <b>Stoneware Tee</b>   |         |      |           |
|         | 2.000   | a. 100 mm dia  | 128.60  | Each | 257.20    |
|         |         | <b>Electrical arrangements</b>   |         |      |           |
| 69.0    | 5.000   | 15 Amp. Power plug   | 129.00  | Each | 645.00    |
| 72.0    | 17.000  | Box type Fibre Fan hook  | 33.90   | Each | 576.30    |
| 73.1    | 1.000   | 6 way - D.B.   | 4016.00 | Each | 4016.00   |
| 74.0    | 15.000  | Charges for fixing of "Fan"  | 467.00  | Each | 7005.00   |
| 76.0    | 15.000  | 8 SWG wire   | 21.00   | Rmt  | 315.00    |
| 77.3    | 9.000   | S&F of TV/Telephone line Socket  | 76.00   | Each | 684.00    |
| 77.4    | 55.000  | S&F of 20mm dia PVC pipe for TV/Telephone line                                       | 72.01   | Rmt  | 3960.55   |
| 78.0    | 1.000   | Earthing Station IS3043 (Type I)   | 2588.00 | Each | 2588.00   |
| 81.0    | 0.700   | Meter cupboard   | 2211.57 | Sqm  | 1548.10   |
| 86.0    | 123.400 | Anti termite treatment   | 34.00   | Sqm  | 4195.60   |
|         |         | <b>ANNEXURE</b>  |         |      |           |
| 14.1    |         | <b>Precast Cupboard slab 20 mm tk.using standardised concrete mix M20 (annexure)</b> |         |      |           |
|         | 9.400   | a. In Ground floor/ stilt floor  | 1153.16 | Sqm  | 10839.70  |
|         | 25.400  | b. In First floor  | 1156.73 | Sqm  | 29380.94  |
| 14.11   |         | <b>Precast cupboard slab 40 mm tk.using standardised concrete mix M20 (annexure)</b> |         |      |           |
|         | 6.800   | a. In Foundation & basement  | 1278.47 | Sqm  | 8693.60   |
|         | 1.000   | b. In Ground floor/ stilt floor  | 1282.10 | Sqm  | 1282.10   |
|         | 3.000   | c. In First floor  | 1289.25 | Sqm  | 3867.75   |
| 4.4     |         | <b>Standardised concrete Mix M20 Grade Concrete</b>                                  |         |      |           |
|         | 47.000  | a. In Foundation and basement  | 6837.33 | Cum  | 321354.51 |
| 8.4.1   | 40.200  | b. Ground floor/ stilt floor   | 6927.23 | Cum  | 278474.65 |
|         | 30.100  | c. In First Floor  | 7104.23 | Cum  | 213837.32 |
|         | 7.700   | d. In Second Floor   | 7281.23 | Cum  | 56065.47  |
| 35.1.1  | 35.500  | Plastering with CM 1:3, 12mm with WPC  | 225.68  | Sqm  | 8011.64   |

957598.43

| Sl. No. | Qty.    | Description   | Rate     | Unit | Amount     |
|---------|---------|---|----------|------|------------|
| 21.1    | 144.100 | Supplying and filling with gravel   | 249.70   | Cum  | 35981.77   |
| 18.1    |         | <b>Formwork using M.S.Sheet</b>   |          |      |            |
|         | 129.700 | a.For Column footings,plinth beam,Grade beam,Raftbeam,Raft slab etc.,   | 664.30   | Sqm  | 86159.71   |
|         | 492.600 | b.Plain surfaces such as Roof slab,floorslab,Beams,lintels,lofts,sill slab,staircase,portico slab and other similar works                 | 751.65   | Sqm  | 370262.79  |
|         | 182.000 | c.For Square and rectangular columns and small quantities   | 901.98   | Sqm  | 164160.36  |
|         | 12.600  | d.Vertical wall   | 826.82   | Sqm  | 10417.93   |
|         | 7.400   | f.Curved surface  | 1127.48  | Sqm  | 8343.35    |
| 21.6    |         | <b>R.C.C.Door frames of size 100 x 75mm with one edge grooves size 't' x 20 mm using M20 grade ( with out vibrating charges)</b>          |          |      |            |
|         | 3.000   | a. 900 x 2100 mm  | 2192.85  | Each | 6578.55    |
|         | 7.000   | c. 1000 x 2100 mm   | 2210.42  | Each | 15472.94   |
| 22.3.3  | 34.900  | T.W. frame & TW styles & rails with BWR double leaf shutters for cup board/ ward robes including two coat enamel paint & one coat primer. | 3849.81  | Sqm  | 134358.37  |
| 99.1    |         | <b>TW panelled single door shutter with brass fittings.</b>   |          |      |            |
|         | 1.900   | a. 1000X2100mm.(Single leaf)  | 5832.03  | Sqm  | 11080.86   |
| 99      | 3.500   | TW double leaves shutter of size with brass fittings a.1800 x 2100mm For PS   | 5361.17  | Sqm  | 18764.10   |
| 23.1.1  | 11.100  | TW styles & rails with 9mm thick BWR single leaf shutters with brass screws size of 1000 x 2100 mm  | 3150.87  | Sqm  | 34974.66   |
|         | 5.000   | TW styles & rails with 9mm thick BWR single leaf shutters with brass screws size of 900 x 2100 mm   | 3263.68  | Sqm  | 16318.40   |
| 21.5.2  | 11.500  | Supply and Fixing Solid UPVC door Shutter with frame  | 2828.00  | Sqm  | 32522.00   |
| 23.2.1  | 38.700  | 4mm thick pin headed Glass panels with Aluminium beedings   | 688.20   | Sqm  | 26633.34   |
| 29.8    | 103.500 | Glazed tiles using Grout (Tile Joint Filler)  | 1138.52  | Sqm  | 117836.82  |
| 29.9    | 20.100  | Floor ceramic tiles (Anti-skid) using Grout (Tile Joint Filler).  | 1007.60  | Sqm  | 20252.76   |
| 38.6    | 849.600 | One coat white cement for new walls and other similar works.  | 48.40    | Sqm  | 41120.64   |
| 43.9    | 14.586  | Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.   | 68782.50 | MT   | 1003261.55 |

2154500.90



| Sl. No. | Qty.   | Description  | Rate    | Unit | Amount   |
|---------|--------|--|---------|------|----------|
| 44.6    | 57.000 | PVC SWR 110 mm dia with ISI mark type- A for Rain water down fall pipe   | 305.34  | Rmt  | 17404.38 |
| 50.6    | 29.300 | Precast slab 50 mm tk.in C.C. 1:3:6 with fibre   | 352.23  | Sqm  | 10320.34 |
| 52.4    | 38.000 | 20mm dia PVC water supply ASTM pipe (fully consealed in walls)   | 189.78  | Rmt  | 7211.64  |
| 53.4    | 3.000  | S&F of C.I Manhole cover 60 x 60 cm (50kg weight)  | 1828.00 | Each | 5484.00  |
| 53.5    | 5.000  | Wash Hand Basin of size 550 x 400 mm (White without Pedestal)  | 2943.82 | Each | 14719.10 |
| 58.3    |        | <b>PVC SWR pipe (Soil line) with ISI mark - type 'B'.</b>  |         |      |          |
|         | 52.500 | a. 110 mm dia.   | 610.45  | Rmt  | 32048.63 |
|         | 36.500 | b. 75 mm dia.  | 497.65  | Rmt  | 18164.23 |
| 58.4    | 6.000  | Supplying, Laying & Concealing the 50mm dia PVC ( SWR) pipe with ISI mark type - 'B' with relevant specials.   | 81.20   | Rmt  | 487.20   |
| 58.5    | 1.000  | PVC(SWR) pipe with ISI mark - type 'A' for Ventilating shaft with cowl   | 441.70  | Each | 441.70   |
| 64.1    |        | <b>Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.( Ordinary)</b>  |         |      |          |
|         | 39.000 | a. Light point with ceiling rose   | 1340.00 | Each | 52260.00 |
|         | 23.000 | b. Light point without ceiling rose  | 1344.00 | Each | 30912.00 |
|         | 2.000  | c. Calling bell point with Buzzer/Calling bell   | 1372.00 | Each | 2744.00  |
| 65.1    | 15.000 | Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for Fan point.  | 1398.00 | Each | 20970.00 |
| 66.1    | 3.000  | Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for Staircase Light Point.                                | 2506.00 | Each | 7518.00  |
| 67.1    | 13.000 | Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for 5 amps 5 pin plug socket point @ Switch Board Itself. | 688.00  | Each | 8944.00  |
| 68.2    | 12.000 | Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for 5 amps 5 pin plug socket point @ Convenient Places.   | 932.00  | Each | 11184.00 |
| 75.1.2  | 15.000 | Supply and delivery of 48" (1200 mm) Fan with ISI mark with Eletronic Dimmer   | 1284.00 | Each | 19260.00 |

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| Sl. No. | Qty.    | Description   | Rate    | Unit | Amount    |
|---------|---------|---|---------|------|-----------|
| 77.7    | 175.000 | Run of 2 Wires of 2.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990. | 187.00  | Rmt  | 32725.00  |
| 105.1   | 30.000  | 4 x 4 Sq mm copper PVC insulated unsheathed single core cable for 3 phase EB service connection   | 221.00  | Rmt  | 6630.00   |
| 112.1   | 5.000   | S & F of Exsaust Fan 225mm dia  | 1768.00 | Each | 8840.00   |
| 44.2    |         | <b>Rain water harvesting using defunct borewell and providing perforated cover slab</b>   |         |      |           |
|         | 4.000   | a) Providing pit (M20)  | 1753.84 | Each | 7015.36   |
|         | 12.000  | b) Augering 30cm dia  | 394.40  | Rmt  | 4732.80   |
| 344.2   | 5.000   | S&F of Bevelled edge mirror 500 x 400 x 5.5mm   | 375.70  | Each | 1878.50   |
| 71.2    | 1.000   | Supplying and fixing of 32 AMPS Triple pole main switch   | 2007.00 | Each | 2007.00   |
| 80.1    | 2.000   | 450 x 375 x 20 mm thick TW plank  | 1170.00 | Each | 2340.00   |
| 79.2.1  | 2.000   | 3 Nos.of 30Amps - Fuse Unit   | 725.00  | Each | 1450.00   |
| 87.1    | 2.000   | Supplying and delivery of Three phase ELCB/RCCB   | 2870.00 | Each | 5740.00   |
| 85.1    | 6.000   | Supply of G.I pipe 40mm dia 'B' Class   | 165.00  | Rmt  | 990.00    |
| 79.6    | 616.600 | Plastic Emulsion PAINT including primer for outer walls   | 190.31  | Sqm  | 117345.15 |
| 38.4.1  | 828.000 | Two coat of OBD over one coat white cement for inner walls  | 98.77   | Sqm  | 81781.56  |
| 448.2   | 5.000   | Providing PVC Tee with end cap  | 109.75  | Each | 548.75    |
| 379.5.1 | 59.500  | Granite Tiles flooring (Ruby red) using 2'x1', 10mm tk  | 1417.46 | Sqm  | 84338.87  |
| 367     | 8.600   | Providing wooden Melamine polish for new wood work  | 1204.68 | Sqm  | 10360.25  |
| 378.2   | 91.200  | Vitrified Tiles flooring (Ivory)  | 1082.76 | Sqm  | 98747.71  |
| 361.1   | 92.200  | Concrete designer tiles flooring  | 1258.60 | Sqm  | 116042.92 |
| 23.5    |         | <b>Supply &amp; Fixing of MS door (for lockup door )</b>  |         |      |           |
|         | 2.000   | MS door of Size 1000 x 2100mm   | 7463.70 | each | 14927.40  |
| 24.1.1  |         | <b>Supply &amp; Fixing of MS ventilator of size ( lockup)</b>   |         |      |           |
|         | 1.600   | MS ventilator of size 1200 x 600 mm   | 3386.79 | Sqm  | 5418.86   |
| 32.1.3  | 135.600 | Finishing the top of Terrace floor with one course of solar reflective Ceramic tiles with base concrete                                       | 1428.28 | Sqm. | 193674.77 |

797534.54  
90

| Sl. No. | Qty.                       | Description  | Rate              | Unit     | Amount                 |
|---------|----------------------------|--|-------------------|----------|------------------------|
| 61.1.1  |                            | <b>UPVC Non Pressure pipe of SN8 SDR 34 ( S 16.5) as per IS 15328/2003</b>   |                   |          |                        |
| ✓       | 47.000 ✓                   | a. 110 mm UPVC Non Pressure pipe   | ✓ 347.52          | Rmt ✓    | 16333.44 ✓             |
| 62.1.1  |                            | <b>PVC Specials as per IS 10124/1982 Part II</b>   |                   |          |                        |
| ✓       | 2.000 ✓                    | a. 110 mm dia PVC bend (TWAD SR 20.-21 P-19 S.No-4 )   | ✓ 160.00          | Each ✓   | 320.00 ✓               |
| 56.3.2  | 3.000 ✓                    | S & F of Indian Water closet white glazed (Oriya type) of size 580 x 440mm with PVC SWR grade 'P' or 'S' trap - in G.F.        | ✓ 2840.08         | Each ✓   | 8520.24 ✓              |
| 56.4.2  | 1.000 ✓                    | S & F of Indian Water closet white glazed (Oriya type) of size 580 x 440mm with PVC SWR grade 'P' or 'S' trap- Other than G.F. | ✓ 4450.67         | Each ✓   | 4450.67 ✓              |
| 57.2    | 4.000 ✓                    | S & F of E.W.C.(White) 500 mm with PVC SWR grade "P" or "S" TRAP   | ✓ 6100.30         | Each ✓   | 24401.20 ✓             |
| 54.1.1  | 6.000 ✓                    | S & F of 15mm dia half turn CP long body tap   | ✓ 452.00          | Each ✓   | 2712.00 ✓              |
| 54.2.1  | 8.000 ✓                    | S & F of 15mm dia half turn CP short body tap  | ✓ 404.00          | Each ✓   | 3232.00 ✓              |
| 104     | 9.000 ✓                    | Supply and fixing of 12W LED bulb  | ✓ 170.00          | Each ✓   | 1530.00 ✓              |
| 100     | 23.000 ✓                   | Supply and fixing of 9 watts LED bulb (qtn)  | ✓ 81.00           | Each ✓   | 1863.00 ✓              |
| 102     | 27.000 ✓                   | Supply and fixing of 4' 18 watts LED Tube Light  | ✓ 635.00          | Each ✓   | 17145.00 ✓             |
| 103     | 9.000 ✓                    | Supply and fixing of Bulk Head fitting suitable for 12W LED Bulb   | ✓ 462.00          | Each ✓   | 4158.00 ✓              |
| 101     | 5.000 ✓                    | Supply, fiing of 25W LED street light etc.,  | ✓ 2991.00         | Each ✓   | 14955.00 ✓             |
| 130     |                            | <b>Supplying and fixing of Alminium diecasting letters including transportation,one coat primer and labour charges etc.</b>    |                   |          |                        |
|         | 31.000 ✓                   | a) 300mm size letter EER No: 106/19-20   | ✓ 700.00          | Nos ✓    | 21700.00 ✓             |
| 129     | 1.000 ✓                    | Tamil Nadu Govt Logo Emblem - 600mm EER No: 36/20-21   | ✓ 3000.00         | Nos ✓    | 3000.00 ✓              |
| 129.1   | 1.000 ✓                    | For Tamilndu police round logo (MDR.No.152/2019-20)  | ✓ 4500.00         | Nos ✓    | 4500.00 ✓              |
| 130.1   | <del>6210.000</del> 0.64 ✓ | Supplying and fixing of PVC name board etc   | 0.64 ✓<br>6201.55 | Sq. Cm ✓ | 3974.40 ✓<br>3968.99 ✓ |

132767.93  
132794.95

| Sl. No. | Qty.    | Description   | Rate     | Unit | Amount    |
|---------|---------|---|----------|------|-----------|
| 132     | 370.000 | Drilling of 150 mm dia(6") vertical borewells in hard rock area to any required depth as desired by TNPHC officials including labour charges for inserting casing pipes assembling in the drilled hole,including welding the joint,if necessary grouting the casingpipe etc and including transporting charges for the rig and supporting vehicles from one place to another place including hire and fuel charges as directed by the departmental officers | 275.00   | m    | 101750.00 |
| 133     | 35.000  | Supply and delivery of 150mm dia PVC pipe as per IS 12818/1992 with or without slot and necessary required specials confirming to IS Specification with ISI mark etc.,  | 442.00   | m    | 15470.00  |
| 134     | 1.000   | Supply and fixing of 160dia borewell PVC cover with ms clamp set etc.,(End cap)   | 97.00    | no   | 97.00     |
| 119     | 1.000   | Supply and Delivery of 7.5 HP Submersible pumset(duty 75x225 three phase TWAD SR 2020-2021  | 61621.00 | no   | 61621.00  |
| 119.1   | 1.000   | Supply and Delivery of 1.5 HP Monoblock pumset (duty 100X20) 3 phase  | 11051.00 | no   | 11051.00  |
| 123     | 305.000 | Supply and Delivery 3 core of 6 sq mm flat type copper cable confirming to is suitable for submersible cable best approved  | 224.00   | m    | 68320.00  |
| 127     | 280.000 | Supply and Delivery of Nylon rope for tying of submersible motor pump etc., all complete  | 60.60    | m    | 16968.00  |
| 125     | 275.000 | Supply and Delivery of 32 mm dia UPVC best approved superior quality with ISI mark and directed by the Deptmental officers(Into the borewell)   | 116.00   | m    | 31900.00  |
| 121.1   | 1.000   | Supply and fixing of 3 phase panel board for submersible motor with all accessories and internal wiring suitable for starter all confirming to IS specification etc., all complete 7.5 hp   | 17170.00 | no   | 17170.00  |
| 121.2   | 1.000   | Supply and fixing of D.O.L Starter 1.5H.P   | 4947.00  | no   | 4947.00   |
| 120     | 1.000   | Labour charges for erection of 7.5 HP submersible pumpset   | 9758.34  | no   | 9758.34   |
| 120.1   | 1.000   | Labour charges for erection of 1 HP Monoblock pumpset   | 7176.47  | no   | 7176.47   |
| 124     | 5.000   | Supply & Laying of following GI pipe( B- class )<br>a)40 mm pwd sr pg-51  | 163.00   | m    | 815.00    |
|         |         | Supply ,laying & jointing the following pipes as per ASTM D 1785 of schedule 40 with UPVC Specials  |          |      |           |

327043.81

| Sl. No. | Qty.   | Description  | Rate           | Unit | Amount             |
|---------|--------|--|----------------|------|--------------------|
| 124.2   | 40.000 | a. 32 mm dia( bore to building) working presure 10 kg/cm2 PWD SR pg-104 HDPE       | 73.90          | m    | 2956.00            |
| 128     | 40.000 | Labour charge for laying the pipe below ground level HDPE/UPVC                     | 77.10<br>10.42 | m    | 3084.00<br>2816.80 |
| 114     | 40.000 | Supply and Delivery of 3.5 core 25 sq.mm PVC armoured Aluminium UG cable etc.,     | 195.50         | Rmt  | 7820.00            |
| 115     | 30.000 | Labour charges for laying of following Aluminium cables etc., (BGL)                | 228.93         | Rmt  | 6867.90            |
| 116     | 10.000 | Labour charges for laying of following Aluminium cables etc.,(AGL)                 | 135.00         | Rmt  | 1350.00            |
| 124     | 38.000 | Supplying and Fixing of 50 mm dia GI pipe etc., (PWD SR 2020-2021)                 | 209.00         | Rmt  | 7942.00            |
| 122     |        | Supplying and Fixing of GI Specials etc.,  |                |      |                    |
|         | 4.000  | (a).50 mm dia coupling (PWD SR 2020-2021, P-53)                                    | 69.80          | Each | 279.20             |
|         | 5.000  | (b).50 mm dia bend (PWD SR 2020-2021, P-52)  | 116.30         | Each | 581.50             |
| 79.2.3  | 1.000  | Supplying and Fixing of 3 nos. of 63 Amps Porcelain fuse unit 500 volts etc.,      | 1034.00        | No   | 1034.00            |
| 117     |        | Supplying and Fixing of Cable glands etc.,   |                |      |                    |
|         | 2.000  | (a).3.5 core 25 sq.mm (SR Page No :125(2020-2021))                                 | 47.60          | Each | 95.20              |
| 117.1   |        | Supplying and Fixing of Crimping lugs etc.,  |                |      |                    |
|         | 4.000  | (a).3.5 core 25 sq.mm (PWD SR 2020-2021, P-130)                                    | 9.85           | Each | 39.40              |
| 164     | 17.000 | Wiring with 4 wires of 10 sq.mm PVC armoured Copper cable etc., SD-202             | 371.00         | Rm   | 6307.00            |
| 161.1   | 8.000  | Supply and Fixing of double pole 40 A, 10 KA MCB's etc., (PWD SR 2020-2021, P-132) | 576.00         | Each | 4608.00            |
| 160     | 3.000  | Supplying & Fixing of Phase selector etc. (Rotary switch) CER.No.371/2018-19       | 750.00         | Each | 2250.00            |
|         |        | Total  |                |      | 6861342.11         |

Final → 6862493.24

130.1 → 0.64 x 6201.55

120 → 1 x 1182.09

128 → 240 x 70.42

1151.13 Express