

Name of Work: Special repair work for 2 Nos PC/HC quarters at Sankarankovil in Tenkasi District.

Abstract Estimate

| S.No | Quantity | Description of Work | Rate | Per | Amount | |
|------|---|---|-----------------------------|------|---|------|
| 1 | 0.60m ³ | Dismantling of all RCC Works PWD SR 2022-23 | 6380.00 | Cum | 3828.00 | P-22 |
| 2 | 77.20 m ² 7.50 | Floor finish and dadoing walls in CM with mosaic tiles /glazed tiles for cuddapali slabs | 52.50 47.80 | Sqm | 4053.00 358.50 | |
| 3 | 7.50 m ³ 77.20 6.85 | Dismantling of Brick Work in all Cement Mortar upto 6.00m PWD SR 2022-23 | 295.50 269.35 | Cum | 2022.13 20824.70 2024.18 | P-21 |
| 4 | 625.80m ² | Clean Removal of Old Cement Plastered Surface PWD SR 2022-223 | 7.30 | Sqm | 4568.34 | P-25 |
| 5 | 69.90m ² | Dismantling of pressed tiles and weathering course etc | 39.70 | Sqm | 2775.03 | P-22 |
| 6 | 69.90 m ² | Finishing Top of Roof with one course of Pressed tiles in CM 1:3 etc. | 1148.23 | Sqm | 80261.28 80260.72 | |
| 7 | | Brick work CM 1:6, including curing etc all complete. kiln burnt Country Bricks. | | | | |
| 8 | 7.80m ³ | d. In Third Floor | 675.98 698.38 | Cum | 52688.84 53861.94 | |
| 9 | 0.30m ³ | REC 1:2:4 Concrete using 20mm Metal Mix M20 grade concrete | 7638.68 | Cum | 2291.60 | |
| | 0.30m ³ | a. In ground floor | 7862.48 | Cum | 2358.74 | |
| | 0.30m ³ | b. In First floor | 8086.28 | Cum | 2425.88 | |
| 9 | 623.00m ² | Plastering in CM 1:5, 12mm tk | 238.93 | Sqm | 148852.73 148852.81 | |
| 10 | 144.80m ² | Special Ceiling Plastering in CM 1:3, 10mm tk | 244.01 273.51 | Sqm | 39676.65 39604.00 | |
| 11 | 6.00nos | HDPPE water tank 700 lit capacity with ISI mark | 7035.00 | Each | 42210.00 | |
| 12 | 114.60m ² | White Washing in three Coats | 43.03 | Sqm | 4931.49 4931.24 | |
| 13 | 55.90m ² | Painting Two coats of Primer coats for new walls latex Repellent paint over one coat primer etc incl. thorough Scarping | 250.96 | Sqm | 14028.66 | |

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| 14 | 258.50m ² | Painting Two coat of OBD Over one coat white cement | 119.41 | Sqm | 30867.41 30867.28 |
| 15 | 120.70m ² | Plaster emulsion paint old walls | 142.14 159.22 | Sqm | 1715.80 1921.45 |
| 16 | 59.00m ² | Painting the "Old Wood Work" | 153.77 | Sqm | 9072.48 |
| 17 | 21.10m ² | Painting the "Old Iron Work" | 139.67 135.02 | Sqm | 2953.52 2848.65 |
| 18 | | Supply and Fixing of PVC ASTM Pipes | | | 9005.06 |
| | 37.00m | a. 32mm Dia | 243.38 | Rmt | 9004.99 |
| | 36.60m 37.00 | b. 25mm Dia | 229.43 228.47 | Rmt | 8468.06 8353.37 |
| | 12.00m | c. 20mm Dia | 221.83 220.96 | Rmt | 2652.86 2651.36 |
| 19 | 0.40 0.090m | Supplying and fabricating in MS/RTS Rods | 87298.50 | MT | 34919.40 7856.87 |
| 20 | 25.70m ² | 4mm thick pin headed glass etc | 824.60 880.20 | Sqm | 21192.22 22621.14 |
| 21 | 11.10m ³ | Earth work excavation including refilling etc all complete | 224.82 | Cum | 2495.50 2494.93 |
| 22 | 1.70m ³ | PCC 1:5:10 | 4528.54 | Cum | 7698.32 |
| 23 | 3.90m ³ | Brick work CM 1:5, including curing etc all complete | 6450.86 | Cum | 25158.35 25158.34 |
| 24 | 21.70m ² | Plastering in CM 1:4, 12mm thick including curing etc all complete | 245.02 | Sqm | 5316.93 5316.87 |
| 25 | 2.20m ² | Plastering in CM 1:4, 20 mm thick including curing etc all complete | 485.83 485.83 | Sqm | 1069.93 1068.83 |
| 26 | 60.00m | SN8 pipe 110mm dia | 472.38 | Rmt | 28342.80 28342.66 |
| 27 | 54.00m | PVC SWR pipe 110mm dia | 696.55 | Rmt | 37613.70 |
| 28 | 54.00m | PVC SWR pipe 75mm dia | 579.25 | Rmt | 31279.50 |
| 29 | 55.00m ² 55.00m ² | Runoff 2 wires 2.5 sqmm (open wiring) | 146.60 226.00 | Rmt | 8063.00 12430.00 |
| 30 | 6.00m ² | Wiring with 1.5sqmm flexible copper cable Fan point (open wiring) | 982.15 | Each | 5892.90 |
| 31 | 8.00m ² | Wiring with 1.5sqmm flexible copper cable (open wiring) | 895.00 | Each | 7160.00 |
| | 14.00m ² | b) Light point with out ceiling rose (open wiring) | 896.85 897.00 | Each | 12548.90 12558.00 |

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| 32 | 6.00 | Wiring with 1.5sqmm flexible copper cable 5amps 5pin switch board (open wiring) | 835.00 | Each | 5010.00 |
| 33 | 8.00 | Wiring with 1.5sqmm flexible copper cable 5amps 5pin at convenient places (open wiring) | 627.16 690.00 | Each | 5519.28 5520.00 |
| 34 | 2.00 | Wiring with 2.5sqmm flexible copper cable 15amps (open wiring) | 147.00 150.00 | Each | 294.00 300.00 |
| 35 | 8.00 | supplying and fixing of 4'18 watts crystal LED tube light | 690.59 690.00 | Each | 5524.72 5520.00 |
| 36 | 14.00 | supplying and fixing of 9 watts LED bulb | 135.00 | Each | 1890.00 |
| 37 | 6.00 | Supplying and delivery of following electric ceiling fan with ISI | 1552.80 1245.00 | Each | 9316.80 7590.00 |
| 38 | 6.00 | charges for assembling and fixing of ceiling fan etc | 571.00 556.60 | Each | 3426.00 3339.60 |
| 39 | 5.90 | providing and fixing of UPVC door frames etc | 3325.00 | Sqm | 19617.50 |
| 40 | 2.00 | Supplying and fixing of wash basin | 3255.82 | Each | 6511.64 |
| 41 | 12.00 | Supplying and fixing of long body tap etc | 300.00 480.00 | Each | 3600.00 5760.00 |
| 42 | 12.00 | Supplying and fixing of short body tap etc | 250.00 432.00 | Each | 3000.00 5184.00 |
| 43 | 37.80 | Supplying and fixing of colour glazed tiles in C.M 1:3 For walls | 1328.77 | Sqm | 50227.51 |
| 44 | 6.50 | Supplying and fixing of ceramic tiles (anti skid) | 1169.92 | Sqm | 7604.48 |
| 45 | 12.00 | Supplying and fixing of Nahani trap | 160.00 | Sqm | 1920.00 |
| 46 | 3.60 | Supplying and fixing of Granite slab for kitchen hearth slab (2'x1') | 1959.47 | Sqm | 7054.09 |
| 47 | 1.10 | Supplying and fixing of precast jolly ventilator 50 mm thick in SF | 2824.08 3825.00 | Sqm | 3106.49 3407.56 |
| 48 | 4.40 | Supplying and fixing of 20 mm precast slab cup board wardrobes | 1412.58 1440.25 | Each | 6215.85 6205.10 |
| 49 | 3.40 | Precast slab 40 mm thick M20 | 1541.40 1536.74 | Sqm | 5240.76 5224.92 |
| 50 | 3.80 | Brick work partition wall in C.M 1:4, 70 mm thick | 557.35 | Sqm | 2117.73 |
| 51 | 2.00 | Supply and fixing of IWC G.F | 3225.18 3254.01 | Sqm | 6446.36 6508.02 |

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| 52 | 4.00 | Supply and fixing of IWC Other than G.F | 5041.31 5071.76 | Sqm | 20487.04 20387.10 20165.24 |
| 53 | 16.10 | Weathering course | 3651.29 | Sqm | 58785.77 |
| 54 | 38.50 49.30 | Providing two ledger scaffolding 10.5m ht in addition to 2.5m ht | 1279.24 1299.36 | Rm | 50021.51 25075.36 50020.74 |
| 55 | 55.90 | Thorough scraping of old plastered surface | 4.00 | Sqm | 223.60 |
| 56 | 349.40 | Plastic emulsion paint New walls | 222.41 | Rm | 77710.05 |
| 57 | 31.70 47.10 | Painting the "New Iron Work" | 133.84 | Sqm | 2288.62 2904.33 2904.33 |
| 58 | 158.80 215.80 258.80 | Supplying and fixing of MS grills verandah enclosure | 69.60 70.15 | Kg | 50213.37 50213.37 50213.37 |
| 59 | 144.80 | Chipping and removal of unsounded area of the existing damaged roof slab including tools, and plants scaffolding etc all complete. | 125.00 | Sqm | 18100.00 |
| 60 | 144.80 | Supplying and applying of rust remover work to the corroded rod surface etc all complete. | 65.00 | Sqm | 9412.00 |
| 61 | 144.80 | Supplying and applying a coating of congressive nito prime zincien fosroc 1 lit/1800 or equivalent etc | 297.00 | Sqm | 43005.60 |
| SUB TOTAL | | | | | 1149543.57 |
| Add GST @ 18% | | | | | 212817.81 |
| Labour Welfare Fund @ 1% | | | | | 12495.43 |
| Add GST @ 18% | | | | | 11795.43 |
| Supervision Charges @ 7.5% | | | | | 104389.57 |
| GRAND TOTAL | | | | | 1508046.20 |
| Say | | | | | ₹ 15,08,100/- |

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50213.37

600/-

P. Mathuram
21.03.23
AE

[Signature]
21/3/2023

EXECUTIVE ENGINEER

TAMIL NADU POLICE HOUSING CO-OPERATIVE SOCIETY

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TAMIL NADU POLICE HOUSING CO-OPERATIVE SOCIETY

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