

| WORKDONE ESTIMATE | | | | | | | | | | | | | |
|--|------------|---|-----|---|---|--------------|---|---|----------------|------|---------|-------------|------------|
| Name of work: Providing Electrical items in Guard Room with Entrance Arch at 160MLD WTP Murmur Headworks, Ramagundam | | | | | | | | | | | | | |
| | | | | | | | | | Amount (Lakh): | | | 2.85 | |
| Sl. No | MB / PG NO | Description | No. | | | Measurements | | | Quantity | Unit | Rate | Amount | AE DATE |
| | | | | | | L | B | D | | | | | |
| 1 | | Providing independent earthing by excavating a pit to a depth of 2Mtr in all soils as per size specified in the data for Important equipment with 2Mtr length 40mm dia 'B' class CI pipe and 18" dia 3" thick hume pipe ring with R.C.C. Slab cover duly providing staggered holes filling with 20Kg Salt and 40Kg Charcoal or 40Kg bentonite powder from the bottom of the pipe giving earth connection from electrode through G.I strip of 25 x 6mm x 200mm length to be bolted with nut bolts including supply and termination of No.8 G.I.wire from bottm of the pipe with all accessories and labour charges complete, as per IS specifications 732/1982 (Part II) | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | | | | 1.00 | No.s | 4357.92 | 4,357.92 | 06-03-2021 |
| 2 | | Supply and Fixing of ISI 20mm outer dia medium (1.55mm thickness) grade with IS:9537 part 3 rigid PVC pipe on surface/concealed of wall with PVC / Metallic Junction boxes and all accessories fixing on chromium plated metallic base saddles including Supply and Fixing of suitable size Decolam board / MS metal box / Modular box for fixing flush type / Mini Modular / Modular switches for Light, Fan and separate plug point including all labour charges etc., complete. | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | 200.00 | | | 200.00 | Rmt | 70.37 | 14,073.67 | 06-03-2021 |
| 3 | | Supply and Fixing of ISI 25mm outer dia medium (1.80mm thickness) grade with IS:9537 part 3 rigid PVC pipe on surface/concealed of wall with PVC / Metallic Junction boxes and all accessories fixing on chromium plated metallic base saddles including Supply and Fixing of suitable size Decolam board / MS metal box / Modular box for fixing flush type / Mini Modular / Modular switches for Light, Fan and separate plug point including all labour charges etc., complete. | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | 200.00 | | | 200.00 | Rmt | 78.67 | 15,733.88 | 06-03-2021 |
| 4 | | Supply and Run of 2 of 22/0.3mm (1.00Sq.mm) with Run 1 of 14/0.3mm(1.0Sqmm) FRLS / HFFR PVC insulated flexible ISI mark copper cable in existing pipe for run of mains inlcuding all labour charges etc., complete.(Data No. 15-16-13.1.9) | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | 1500.00 | | | 1500.00 | Rmt | 32.00 | 47,995.28 | 06-03-2021 |
| 5 | | Supply and Run of 2 of 36/0.3mm (2.50 Sq.mm) with Run 1 of 22/0.3mm (1.5Sqmm) / Run 1 of 14/0.3mm (1.0Sqmm) FRLS / HFFR PVC insulated flexible ISI mark copper cable in existing pipe for run of mains inlcuding all labour charges etc., complete.(Data No.15-16-13.1.10) | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | 1500.00 | | | 1500.00 | Rmt | 97.47 | 1,46,211.50 | 06-03-2021 |
| 6 | | Supply and Run of 2 of 56/0.3mm (4.00 Sq.mm) with Run 1 of 36/0.3mm (2.5Sqmm) FRLS / HFFR PVC insulated flexible ISI mark copper cable in existing pipe for run of mains inlcuding all labour charges etc., complete.Makes: Finolex | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | 250.00 | | | 250.00 | Rmt | 142.33 | 35,583.73 | 06-03-2021 |
| 7 | | Supply and fixing of 8 Module cover frame & fixing Modular switches Sockets, and fan Regulator including all labour charges etc., complete | | | | | | | | | | | |

| Sl. No | MB / PG NO | Description | No. | | | Measurements | | | Quantity | Unit | Rate | Amount | AE DATE |
|--------|------------|---|-----|---|----|--------------|---|---|----------|------|---------|----------|------------|
| | | | | | | L | B | D | | | | | |
| | | For Guard Room | 1 | 1 | 1 | | | | 1.00 | No.s | 1188.76 | 1,188.76 | 06-03-2021 |
| 8 | | Supply and fixing of 6 Module cover frame & fixing Modular switches and Socket including all labour charges etc., complete | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | | | | 1.00 | No.s | 600.43 | 600.43 | 06-03-2021 |
| 9 | | Supply and fixing of 4 Module cover frame & fixing Modular switches and Bell push Switch including all labour charges etc., complete | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | | | | 1.00 | No.s | 480.63 | 480.63 | 06-03-2021 |
| 10 | | Supply and fixing of 3 Module cover frame & fixing Modular switches including all labour charges etc., complete | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | | | | 1.00 | No.s | 327.61 | 327.61 | 06-03-2021 |
| 11 | | Supply and fixing of 2 Module cover frame & fixing Modular switches including all labour charges etc., complete | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 2 | | | | 2.00 | No.s | 237.47 | 474.93 | 06-03-2021 |
| 12 | | Supply and fixing of 12 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer including Supply and Fixing of 1 No 63 A DP Isolator and 12 Nos 6-32 A 10kA SP MCBs with internal connections and all labour charges etc., complete for flush /surface mounting. | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 2 | | | | 2.00 | No.s | 4711.39 | 9,422.78 | 06-03-2021 |
| 13 | | Supply, Transportation and fixing of 1x36/40W box type tube light luminaire with powder coated CRCA sheet steel housing with VPIT / Electronic Ballast and 1No 4'-40W tube Including fixing on wall / ceiling on TW round blocks and all standrad accessories.(Data | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 3 | | | | 3.00 | No.s | 1145.82 | 3,437.46 | 06-03-2021 |
| 14 | | Supply of 1 x 28W surface pendent mounting T5 Luminaire plastic housing with integrated reflector extruded alluminium luminaire with Electronic Ballast and all standard accessories. | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 15 | | | | 15.00 | No.s | 160.00 | 2,400.00 | 06-03-2021 |
| 15 | | Supply, Transportation and Fixing of 48" (1200mm) Sweep ISI mark Ceiling Fan as per IS 374 - 1979 / as per IS 374 - 1979 and 5 Star rated Ceiling Fan / 5 Star rated Ceiling Fan with double ball bearings but without regulator including all standard accessories and all labour charges etc., complete.(Data No.15-16-23.1.1) | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | | | | 1.00 | No.s | 2044.92 | 2,044.92 | 06-03-2021 |
| 16 | | Supply and fixing of fan hook of 12/15mm dia MS Rod / bar grouted in RCC slab with making the slab as original.(Data No. 15-16-23.1.8) | | | | | | | | | | | |
| | | For Guard Room | 1 | 1 | 1 | | | | 1.00 | No.s | 202.83 | 202.83 | 06-03-2021 |
| 17 | | Supply and fixing of 19/20mm dia steel tube down rod for ceiling fan of 1 Mtr Length with bolts and nuts duly painted with matching colour of fan including all labour charges etc., complete.(Data No. 15-16-23.1.10) | | | | | | | | | | | |

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|--------|------------|----------------|-----|---|---|--------------|---|---|----------|------|--------|----------|------------|
| | | | | | | L | B | D | | | | | AE DATE |
| | | For Guard Room | 1 | 1 | 1 | | | | 1.00 | No.s | 138.78 | 138.78 | 06-03-2021 |
| | | Total | | | | | | | | | | 2,84,675 | |
| | | | | | | | | | | | | 2.85 | |

Asst Executive Engineer
MB Grid Sub div Ramagundam

Dy Executive Engineer
MB Grid Sub div Ramagundam

Executive Engineer
MB Grid Division Peddapalli

Superintending Engineer
MB Grid Circle Karimnagar