

Bill Of Quantities

Name of Project:

400/220 kV Substation at Chandrapur.

Name of Work:

Metal Spreading

| SR. NO. | PARTICULARS OF ITEMS | QTY | UNIT | RATE | AMOUNT |
|---------|--|----------|------|------|--------|
| 1 | Dressing and leveling the yard to required level by excavating the undulated surface and refilling the surface to achieve the level surface, disposing off the unusable material within a lead of 50.00 m all as directed etc. complete. | 81000.00 | Sqm. | | |
| 2 | Supplying and stacking stone dust in measurable stacks as per direction of Engineer – in – Charge including transportation, loading, unloading at the site with all leads etc. complete as directed. | 4050.00 | Cum. | | |
| 3 | Supplying and stacking (machine crushed)graded trap stone metal of 40 mm in measurable stacks as per direction of Engineer- in- Charge. Including loading, transportation, unloading at site with all leads etc. complete as directed. (Spec. No. Rd. 41 Page No. 215) | 5300.00 | Cum. | | |
| 4 | Supplying and stacking (machine crushed) graded trap stone metal 20 mm in measurable stacks as per direction of Engineer- in - Charge. Including loading, transportation, unloading at site with all leads etc. complete as directed. (Spec. No. Rd. 41 Page No. 215) | 2900.00 | Cum. | | |
| 5 | Spreading stone dust evenly in line and level including head loading with all leads and lifts including artificial watering and compaction with power / hand roller etc. complete as directed. (Spec. No. 28,31 Page No. 205, 206, 210) | 4050.00 | Cum. | | |
| 6 | Spreading graded metal 20 to 40 mm. in layers as directed in specified grade including head loading with all leads and lifts etc. complete as directed. | 5300.00 | Cum. | | |
| 7 | Spreading 12 to 20 mm size metal in layers as directed in specified grade including head loading with all leads & lifts etc. complete all as directed. | 2900.00 | Cum. | | |
| 8 | Providing and fixing fly ash lime brick on the edge of metal line in position including necessary excavation to the half of brick length & remaining portion to be kept above G.L. including painting with lime & geru in alternate sequence of brick etc. complete at all heads and lifts as directed by the Engineer-in –charge. | 3900.00 | Rmt | | |

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| 9 | Providing, laying & fixing G.I.pipes with screwed socket joint of specified diameters & 'B' class Medium type with all necessary G.I.fittings such as sockets, elbows, bends, tees, reducers, plugs, unions, clamps, etc. including necessary excavation in all types of strata, backfilling up to required depth, fixing with clamps and remaking the holes with good finishing, drilling holes in walls of concrete / Bricks backfilling the excavated trench with all leads and lifts etc. complete as directed by the Engineer-in-charge at all leads and lifts for trenches & on walls complete. | | | | |
| | a) 15 mm dia | 300 | Rmt | | |
| | b) 20 mm dia | 400 | Rmt | | |
| | c) 25 mm dia | 400 | Rmt | | |
| | d) 40 mm dia | 600 | Rmt | | |
| | e) 50 mm dia | 100 | Rmt | | |
| 10 | Providing & fixing screw down gun metal wheel / gate valve of leader make & specified size including necessary socket union nut etc. complete as per detailed specification and directions of the Engineer-in-charge including necessary testing etc. complete at all leads & lift for following pipes. | | | | |
| | a) 20mm dia | 10 | No. | | |
| | b) 25 mm dia | 10 | No. | | |
| | d) 40 mm dia | 10 | No. | | |
| | e) 50 mm dia | 5 | No. | | |
| 11 | Providing & fixing 15 mm dia screw down C.P.brass bib taps including necessary socket / unions etc. complete as per detailed specifications and directions of the Engineer-in-charge. | 100 | No. | | |
| 12 | Providing and placing RCC pipe collars suitable for 800 mm dia pipe for earth pits having height 450 mm including fixing and remarking the surface good all as directed by Engineer-in-charge. (Spec. No. As directed by Engineer). | 100 | No. | | |
| | Total Amount (Rs.) | | | | |