



Firozabad-Shikohabad Development Authority, Firozabad

Name of Work:- Transport Nagar Scheme, Firozabad.

Specifications

1. Road Work

- 1) Base Concrete in 1:2:4 (1 cement, 2 Coarse sand, 4 graded) stone aggregate 40 mm nominal size.
- 2) Cement Concrete M-30 grade in Roads.
- 3) Granular sub base in interlocking tiles.
- 4) 100 mm thick – M-30 grade interlocking tiles.
- 5) Class M-150 brick work in central verge.
- 6) Retro-reflective overhead saining boards made up to 2mm thick aluminum sheet

2. Parking Work

- 1) Base concrete in 1:2:4 (1 cement 2 coarse sand 4 graded stone aggregate 40mm nominal size.)
- 2) Cement concrete M-30 grade parking area.
- 3) Granular sub base in front of plot parking.
- 4) 100mm thick M-30 grade interlocking tiles in front of plot block parking.

3. Park Work

- 1) Base concrete in 1:4:8 (1 cement 4 coarse sand 4 graded stone aggregate 40mm nominal size.)
- 2) Class – 150 brick work in 1:6 (1 cement 6 coarse sand)
- 3) Cement Concrete in 1:2:4 (1 cement 2 coarse sand 4 graded stone aggregate of 20mm nominal size.)
- 4) precast cement 50mm concrete jali.
- 5) 12mm thick plaster in 1:4 (1 cement and 4 coarse sand)
- 6) Finishing wall with water proofing cement paint.
- 7) 60mm thick M-30 interlocking tiles on footpath.

4. Arboriculture

- 1) 1000 tree plantation on the central verge of roads and in park area.

5. Drain work

- 1) Base Concrete in 1:4:8 (1 cement 4 coarse sand 8 graded stone aggregate 40 mm nominal size.)
- 2) RCC work in 1:1.5:3 (1 cement 1.5 coarse sand 3 graded stone aggregate 20 mm nominal size.)

6. Street light

- 1) 9 meter long GI octagonal pole.
- 2) Overhead line ACSR conductor.
- 3) Overhead line with GI wire 8 to 4 SWG on pole.
- 4) Recess mounting round ceiling cut out 200mm height 85mm 18 watt LED.
- 5) Brass Nickle plated compression gland to PVC insulated & Assured served sheathed cable.
- 6) Stay set least 3.5 m away from pole with galvanized 19mm dia x 1.8 m long stay rod, 30 cm x 30 cm x 6.3 mm anchor plate.

7. Sewer work

- 1) Non pressure NP-2 rcc hume pipe of 300 mm dia.
- 2) Base concrete 1:5:10 (1 cement 5 coarse sand 10 graded stone aggregate of 40mm nominal size.)
- 3) Cement Concrete 1:2:4 (1 cement 2 coarse sand 4 graded stone aggregate 20mm nominal size.
- 4) 150 class brick masonry main hole in 1:4 (1 cement 4 coarse sand)

8. Water Supply work

- 1) 110mm dia G.I. B class pipe.
- 2) 110mm dia C.I. fire hydrant.
- 3) 150 class brick masonry in 1:4 (1 cement 4 coarse sand) chamber.
- 4) 110 mm dia CI air value.
- 5) Tubewell and approximate 25000 litre capacity over head tank.

9. Electrifications

- 1) RCC work in 1:1.5:3 (1 cement 1.5 coarse sand 3 graded stone aggregate 20 mm nominal size.) in callo French.
- 2) RCC cover on trench.
- 3) 120sqmm 3 core standard aluminium conductor XLPE
- 4) Non pressure NP-2 class RCC hume pipe in crossing.
- 5) 9m long steel tubular poles.
- 6) Aluminium conductor PVC insulated armered served sheathed 1100 volts.
- 7) 100 mm x110 mm shackle insulator.