



## PROJECT SPECIFICATION

### SAI GARDEN HOMES

#### ROAD WORK

1. E/W in cutting of embankments is all type of soil. (9.00 mt. Road)
2. Supply & Collection of following size hard stone ballast
  - (a)45mm.-90mm. Size. For 9.00 mt. wide road metal portion.
  - (b)45mm.-63mm. Size.
- 3."Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the subgrade and disposal of surplus earth with lead up to 50 meters."
- 4.Supply & Staking of moored/coarse sand for consolidation of road.
- 5.Providing & Laying 2.50 cm. thick premix carpeting including labour material all complete. For road 9.00 mt. wide metal portion.  
add 5% for junclim,  
1st coat painting  
0.45 Brick edging on both side of road including all complete.  
Seal coat with specific P.W.D. specification all complete.

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### DRAIN WORK

1. Earth work in excavation in foundation all types of soil including all complete. 0.30 mt. wide. Drain
2. P.C.C. 1:5:10 ratio in 0.10m. Thick in bed. 0.30 mt. wide. Drain.
3. First Class Brick Work in 1:4 cement mortar coarse sand in foundation. DSR 2021 6.1.1  
0.30 mt. wide. Drain.
4. 12mm thick plaster in 1:4 ratio cement & coarse sand mortar including all complete.  
0.30 mt. wide. Drain.
5. Tor steel for slab drain X-ing / culverts on road all complete.

### WATER SUPPLY

1. Earth work in excavation in foundation all type of soil including all material, labour, T&P.etc. completion all respect.
2. Laying 40 mm dia pipe including all material, labour, T&P.etc. completion all respect.
3. Construction of masonry chambers 0.60x0.60x0.10 m. in wall, its class brick work as per standard design
4. Supply & Installation of butterfly valves with G.I. flagged including all material, labour, T&P.etc. completion all respect.
- 5 Supply & Installation of non-return valves N.R.V. G.I. flagged 150 mm dia including all material, labour, T&P.etc. completion all respect.
- 6 Supply & Installation of butterfly valves with C.I. flanged including all material, labour, T&P.etc. completion all respect.
- 7 Supply & Installation of Gunmetal gate valves including all material, labour, T&P.etc. completion all respect. (DSR 18.19.1)
- 8 Main Connection of water

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### ARBORICULTURE

Plantation of trees

1. Making of Park with Laying of Grass and Plantation on Its Site, And Sculptures as Per Design and Drawings

### SEWER LINE

1. Earth work in excavation in trenches in proper gradient including refilling in layers.

For 250 dia pipe-CENTRE SEWERAGE

2. Cement concrete bed 15 cm. thick in trench (1:5:10) ratio mortar.
3. Supply & laying of 250mm. Dia pipe including copper labour & t&p.

For 250 dia pipe-

Constructing brick masonry circular type manhole 0.91 m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 (1 cement: 4 coarse sand), inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size), and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, all complete as per standard design"

### ELECTRIFICATION

1. Erection of Street Lights Along The Road, Park As Per Design Supply & erection of poles grouted with P.C.C. 1:3:6 including excavation refilling painting of all complete.

2. Supply, fabrication & installation of X-arms braces back clamps etc. using M.S. channel including two coat of aluminum paint.

3. Supply installation, testing & commission of 11K.V. insulators with complete hardware

Disk insulator 11.0k.v. pin insulator.

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(a) Disk insulator.

(b) L.T. Shackles insulator with D-Clamps.

(c) Supply installation, testing & commission ACSR conductors on poles.

(d) Supply installation of Gi. Wires Earthing.

4. Supply installation & commissioning of TRANSFORMER

5. Supply installation testing & commissioning. of 11.0 kv.

6. Providing earthing comblets with supply of Gi pipes, excavation pits

7. Supply, installation, and commissioning/testing of PVC insulated, armored cable laid in ground, connecting L.T. supply from L.T. panel to load point panel all complete.

8. Supply & installation & commissioning /testing of plinth mounted outdoors transformer 160 KVA. Connectors etc. all complete.

9. Supply & installation & commissioning /testing of street lights fixture.

10. Joining of HT connector with the state electricity board 11.0 kv feeder.

11. Supply, installation, testing, and commissioning of fixtures and other accessories required for transformer and HT/LT mission line (L.S.)

**FOR ACC TOWNSHIP & LAND DEVELOPMENT**

  
MANOJ KUMAR AHUJA

  
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