

## **TECHNICAL SPECIFICATIONS**

### **1. Conditions for Maintenance Work**

The Contractor shall maintain the plantation for a period of 5 (Five) years from award of the work. The same may be extended by a separate contract between the Sabarmati Riverfront Development Corporation Limited and Contractor after completion of this maintenance period, or another Contractor may be selected.

#### **1.1 Maintenance of trees and shrubs**

1.1.1 Maintenance shall include watering, mulching/soil working, supporting and pruning and necessary plant protection i.e. insecticide, Pesticides and fungicides requirement. Trimming/pruning of trees shall be an important aspect of maintenance.

1.1.2 The contractor has to deploy minimum 15 skilled Mali, 25 semi skilled Mali and 10 labour to carry out maintenance work and contractor is wholly responsible for overall supervision of this work and for the supervision he has to deploy minimum 3 Horticulture supervisors.

In case of shortfall of deployment of manpower as per above schedule, Rs.500.00 (Rupees Five Hundred) penalty per day will be charged. In addition, The contractor has to keep one Tractor type vehicle for min. 12 hours for solid waste disposal up to 15 kms limit and no extra charge will be given. In case of irregularities, Rs.1000.00 (Rupees One Thousand) penalty per day will be charged.

1.1.3 Soil digging up to depth of 100 mm for loosening of soil operation shall be done on required basis. Regular checking against insect/pest/fungus attack shall be done. Contractor should visually check for insect / pest attacks every 15 days and take necessary actions. Contractor should apply anti-termite treatment and FYM twice in a year or when as required.

1.1.4 The contractor has to plant the seasonal flowering plants as per the season as and when instructed by Sabarmati Riverfront Development Corporation Limited supervisor.

1.1.5 Each plants should supply well decomposed manure twice in a year however applying as when required instructed by Sabarmati Riverfront Development Corporation Limited supervisor.

1.1.6 If plant or Tree will be died for the uncaring of maintenance it will be change by contractor in 7 days. SRFDCL will not pay for this any extra amount of plant or laboring or transport etc.

If plant or Tree will be died for the physical damages or natural calamity SRFDCL will be paid only plant or Tree cost as per BOQ rate. Contractor will be responsible to planted that plant or tree SRFDCL will be not pay any planting labour, transportation or any other taxable amount.

1.1.7 The contractor is responsible for carrying out operation of irrigation system. He has to deploy 1 operator for regular operation of irrigation system.

1.1.8 The contractor is responsible for carrying out repairing of civil work. He has to deploy 1 Engineer or Supervisor for regular maintenance of civil work. Any repairing work required in civil work and irrigation system, the contractor has to take up the repairing work immediately. The amount reimbursed to the contractor as per the rate given in attached BOQ. The workers engaged by the contractor should be required in discipline manner.

1.1.9 Any damage or breaking in the garden due to the maintenance work is the responsibility of the contractor.

## **2. Contractor's Scope of Work**

2.1 All cost, wages of workers and equipment required for the maintenance work will be borne by the Contractor. The Contractor shall employ experienced workers only.

2.2 Arrangement of water supply for site works and regular watering shall be done by the Contractor at his own cost; however river water may be used.

- 2.3 For routine plantation work, the rates quoted shall be inclusive of labour material and all other overhead for supply.
- 2.4 All equipment required for development shall be made available by Contractor, and its maintenance shall be his responsibility.
- 2.6 Contractor will take full care to ensure that no damage to service lines (water supply, Electrical) or civil work during the course of work. Sabarmati Riverfront Development Corporation Limited can recover cost of damaged works from Contractor if required.
- 2.7 In the event of Plantation work being disturbed during course of work due to other agencies the Contractor will make repair the damage immediately. Rate, cost and amount to be paid for repairing the damage and its impact on the completion date shall be determined by the Sabarmati Riverfront Development Corporation Limited only.
- 2.8 Contractor will attend meetings during course of work as and when scheduled without fail, in addition to carrying out regular visits as and when may be required for carrying out the work.
- 2.9 Contractor will ensure that all plants watered regularly and remain free of diseases, pests, etc during development and maintenance periods.
- 2.10 Contractor is responsible for the security of the plants during the period of contract.
- 2.12 The workers engaged by the contractor are in similar dress code with identity card at the time of working.
- 2.13 The workers engaged by the contractor should be required in discipline manner. The workers engaged by the contractor are not permitted for residing in the garden.
- 2.14 The list of workers with address should be given to the office of Sabarmati Riverfront Development Corporation Limited by the contractor.

- 2.15 Any accident or injury to the workers at the working time and working place is responsibility of the contractor. Sabarmati Riverfront Development Corporation Limited is not responsible for the same.
- 2.16 In case of absent of any labour or supervisor contractor has to arrange for the reliever for the same so that work can be not affected.
- 2.17 Contractor has to comply all labour laws, Minimum wages act and other applicable labour laws relating to labour. SRFDCL will not be responsible for such legal aspects.

### **3. Specifications for Supply of Materials**

#### **3.1 Supplying of labour for additional works**

Rate shall be quoted for per labor/ per day.

#### **3.2 Supply and apply of good quality soil**

Contractor shall also quote for supply of good quality farm soil, free from stones, pebbles, lime nodules. Material shall be dumped at site as indicated by the Sabarmati Riverfront Development Corporation Limited Garden Department soil sample should be approved by Sabarmati Riverfront Development Corporation Limited staff.

Quantity will verified for measurement at site.

#### **3.3 Supply of Manure**

Contractor shall supply only well composted, dried, well screened good quality Manure in powdered form. Manure, shall be free from soil clods, fresh mung grass, and dry. Sample will be approved by Sabarmati Riverfront Development Corporation Limited Garden Department.

Quantity will verified for measurement at site.

#### **3.4 Supply of plant material (General)**

Plant material shall be supplied by the Contractor, as per specifications of height (should be measured from bottom of bag to top of canopy), spread, branching, etc. given and list

provided by the Sabarmati Riverfront Development Corporation Limited. Plants supplied will be healthy, free of diseases. Rate is included for handling, transportation, loading and unloading of each plant.