

**SCOPE OF SERVICES / TERM OF REFERENCE**  
**“FIRM FOR SUPERVISION OF AFFORESTATION CONTRACTS – NHIP”**

**Background:**

1. In line with the tree plantation paleface National Highways and Motorways of GOP, NHA has awarded certain afforestation contracts as under:

Package Nos.	Scheme / Section Description	Chainages (Kms)	Name of Contractor	Amount
2(084-17)-01	Karachi-Hyderabad Super Highway (ApP-10A)	101-119	M/s Sh. Iqbal Akhtar & Co. (Pvt.) Ltd.	39,700,000/-
2(084-17)-02	Karachi-Hyderabad Super Highway (ApP-10B)	119-134	M/s Sh. Iqbal Akhtar & Co. (Pvt.) Ltd.	39,700,000/-
2(084-17)-03	Karachi-Hyderabad Super Highway (ApP-10C)	134-149	M/s Sh. Iqbal Akhtar & Co. (Pvt.) Ltd.	39,700,000/-
2(084-17)-04	Hyderabad-Hala (AP-1)	163-209	M/s Royal Business	54,000,000/-
2(084-17)-05	Moro-Ranjpur (AP-3)	315-404	M/s Nazir Construction.	44,560,000/-
2(084-17)-06	Ubaro-Shaikhwahan (AP-5)	595-646	M/s Royal Business.	32,000,000/-
2(084-17)-07	Mianchannu-Sahiwal (AP-7)	1030-1102	M/s Tahir Naveed Construction.	19,880,000/-
2(084-17)-08	Lahore-Gujranawala(AP-8)	1270-1320	M/s Tahir Naveed Construction	17,880,000/-
2(084-17)-09	Gujranawala-Kharian(AP-12)	1307-141412	M/s AD NET.	20,000,000/-
2(084-17)-10	Kharian-Rawalpindi(Ap-13)	1412-1550	M/s Quality Consultants	20,400,000/-
2(084-17)-11	Turnol-Chalabat(AP-9)	1554-1590	M/s Nawaz & Co.	16,800,000
2(084-17)-12	Chalabat-Peshawar including approaches of Harro Bridge (AP-14)	1590-1694	M/s Rustum Associates.	51,398,000/-

2. Now NHA intends to appoint a Consultancy firm to supervise the above mentioned afforestation contracts and for the purpose of establishing a mechanism, framework management of NHA afforstation contracts.

**Scope of Services:**

The scope of services of the consultant shall include but limited to the following:

3. (i) The consultant shall supervise the execution of all NHA afforestation contracts and make sure his presence at site all the time.
- (ii) The consultant shall make the quality assurance in the execution of contracts.
- (iii) The consultant shall get the afforestation contracts executed in accordance with the stipulated Specification.
- (iv) Screening of projects.
- (v) Review BOQ and species selection in coordination with Project Coordinator (Afforestation).
- (vi) Review Project Specifications and ensure its implementation.
- (vii) Get work plan from the contractor on monthly basis.
- (viii) Monitoring and implementation of work program.
- (ix) Coordinate with contractor during project implementation.
- (x) Conduct site verification / audits to verify adequacy of contract implementation.
- (xi) Submit monthly progress reports to General Manager (NHIP).
- (xii) Physical verification of work done and its certification on Measurement Book (MB).
- (xiii) Responsible for overall management of all the site offices and administration of support staff working on these projects.
- (xiv) Keep good liaison with the Client (NHA) and the Contractors.

4. Shall provide assistance and technical advice to the General Manager (NHIP) to implement the afforestation Contracts / and plantation components of NHIP project an all section of N-5 covering a tentative liner length of 640 Km approve from Peshawar to Karachi. It is envisaged to plant about more then one million trees.

5. Shall take all follow-up actions regarding planning implementation, maintaining evaluation of NHA afforestation / plantation project at NHA H.Q (NHIP) and Regional offices limits and shall also take follow up actions for planning of future scheme.

6. To identify and rectify the impediments in smooth management execution and implementation of NHA afforestation.

7. To strengthen the institutional arrangement and to provide technical assistance / advise to NHA management (H.Q or regional office).

8. In addition to the current afforestation contracts (as mentioned at Para 1/N), the consultant shall also suggest / assist in suitable institutional arrangement, implementation and management of afforestation / plantation along National Highway of:

- i. Existing old forest plantation (even under the control of provincial forest department).
- ii. Shall also propose procedure for periodic inventory of trees along National Highway.
- iii. Shall also purpose procedures to obtain Technical / Financial proposal from forest determent.
- iv. Future afforestation programme and to undertake future plantations at specific sites.

**Team:**

9.
  - i. Resident Engineer.
  - ii. Project Coordinator (Afforestation), NHA, HQ.
  - iii. Range Forest Officer / Inspector (Sindh).
  - iv. Range Forest Officer / Inspector (Punjab-North).
  - v. Range Forest Officer / Inspector (NWFP).
  - vi. Range Forest Officer / Inspector (Punjab-South).

**Duration:**

- 16 Months.