

## **SECTION-I**

### **TECHNICAL SCOPE OF WORK:**

#### **1. INTRODUCTION**

- 1.1 Mormugao Port Authority (MPA) intends to award the work of **“HIRING OF WATER TANKER OF 8 KL CAPACITY WITH WATER SPRINKLING FACILITY FOR DUST MITIGATING AT MORMUGAO PORT AUTHORITY FOR A PERIOD OF ONE YEAR”**.

#### **2. SCOPE OF THE WORK OF CONTRACTOR:**

The scope of work under this Hiring contract shall broadly comprise but not be limiting to the following:

1. The Water tankers of capacity 8,000 litres mounted on Vehicle chassis with water sprinkling facility along with transfer pump arrangement is required to be provided by the contractor for water sprinkling on Port internal Roads, Stack yard area, Vasco city and outside roads around Port area such as Harbor, Sada etc. for the purpose of Dust mitigating in three shifts timings (0730 to 15.30 hrs, 15.30 to 23.30hrs and 23.30 to 07.30 hrs) as directed by the Engineer-in-charge.
2. Sprinkling of Water on Port Internal Roads, Stack yard area and Vasco City and outside roads around Port area such as Harbor, Sada etc. as directed by the Engineer-In-Charge (EIC) shall be carried out in three shifts with 5,4,3 trips per vehicle in first, second and third shift respectively during fair season (October to May) using two nos water tankers of 8 KL each. And 3,2,1 trips in first, second and third shift respectively during monsoon season (June to September) using one no.

water tanker only of 8KL capacity as per requirement of EIC. More trips may be required depending on Cargo vessel and vehicular movement in Port in fair as well as monsoon season. 8 KL of water sprinkling will be considered as one trip. Average distance covered per trip sprinkling of water is approximately 6 to 8 Km at a speed of 10-15 km/hr. Required Water for spraying shall be supplied by MPA free of cost. The water will have to be filled in the tankers from the nearby designated Port Well.

3. The Water tanker shall be equipped with suitable water transfer pump along with hoses which shall be required to fill water tanks installed at site as and when required. 30 metre electrical cable for starting of transfer pump shall be provided by contractor. 3 phase electrical connection will be provided by Port free of cost.
4. The trips per day during fair and monsoon season are given in general. However, more or less number of trips has to be carried out depending upon the cargo handling operations and will be decided by EIC as and when required. Total number of trips will be summed up in a month. In case of less number of trips, the same will be carried forward for the next two months. In case of more number of trips per month same will be adjusted in subsequent in three months. If not adjustable after three months, extra trip will be paid on pro-rata basis.
5. The water tanker and its chassis supplied shall be of the model/manufactured not more than five years from the date of the opening of technical bid.
6. The water tanker supplied shall be equipped with valid GPS system and registered with Water Resources Department (WRD), Govt. of Goa

which is mandatory and statutory requirement as per Goa Ground Water Regulation Act, 2002.

7. All the safety requirements and security formalities shall be followed by the contractor and the driver of the Water tanker vehicle should have valid Heavy Duty driving license. Copy of the relevant documents such RTO fitness certificate, Registration certificate (RC book), PUC and Comprehensive insurance etc required for the vehicle shall have to be produced to the Engineer-in-charge.
8. The cost of fuel, maintenance, consumables, insurance and salary of Driver deployed including all other charges in respect of the both Water Tankers shall be borne by the Contractor.
9. General Maintenance and Mechanical repairs such as puncture, changing of wheels, cleaning of the tanker etc. as necessary will be got done by the contractor at his own cost.
10. The Contractor shall produce the Police Verification Report of the Drivers engaged and the Drivers shall not be below the age of eighteen years.
11. Rate quoted per month shall be inclusive of hire charges of vehicle, fuel considering number of trips, variation in fuel prices, consumables, repair and maintenance of vehicle, deployment of driver in three shifts, Gate pass charges, exclusive of GST. One labor for assisting vehicle Driver shall be provided by the Port. The rate quoted shall be valid during the entire contract period, and no extra charges shall be paid for fuel price variation increase, if any.

12. The consumables required for the Water tanker will be to the account of contractor. The contractor shall maintain a log book to record detail of trips as per given format by Engineer-in-charge.
13. In case contractor's vehicle is under breakdown/fails to provide Water tanker for more than three hours, contractor shall make alternative arrangement for the subject work. The decision of the Engineer-in-charge shall be final and binding on the contractor. In case of non-arrangement of water tanker due to above, Port Shall make arrangement of water tanker at the risk and cost of Contractor, and the charges towards the same will be deducted from Contractor's bill.
14. Port shall not be liable for altercation/accident during the contract period.
15. The Contractor shall have to obtain Port entry pass for the Vehicles and Drivers at his own cost for operating the vehicles inside the Port Area during the contract period as per applicable Scale of rates.
16. The contract period will be for a period of one year. However, the same may be extended for one or more year or part thereof at the same rates, terms and conditions on mutual consent.

### **3. MINIMUM ELIGIBILITY CRITERIA:**

(a) Budgetary quotation is invited for the subject work as per Technical Scope from a reputed registered firms/Companies/Suppliers/Contractors in India on hire basis either to Central/State Government, Ports, PSU's or to any other reputed firms/companies/organizations on daily or monthly or yearly basis and capable of carrying out the subject work.

4. **Escalation of Prices:** The rates quoted by the bidder shall be firm throughout the tenure of the contract and will not be subject to any fluctuation due to increase in fuel price, consumables, spares, labour, taxes and duties etc.

5. **DEHIRING:**

MPA reserves the right to de-hire both Water tankers and part thereof at any time by giving one month notice in writing without assigning any reason thereto. The Contractor shall not be entitled for any compensation by reason of such termination.

6. **Payment terms:**

Monthly payment along with applicable GST will be released within 30 days from the date of receipt of undisputed bills in duplicate, and with all supporting documents such as ESI, EPF if applicable. GST number shall be invariably indicated on all invoices.

Address for communication and submission of bid:

Executive Engineer (F)  
Flotilla Section  
Engineering Mechanical Dept.,  
Mormugao Port Authority,  
Vasco-Da-Gama. Pin code: 403804  
Phone: 0832-2594573.  
Email: [xen.f.mptgoa@gmail.com](mailto:xen.f.mptgoa@gmail.com)

Further details, visit our website: <https://www.mptgoa.gov.in/>

**EXECUTIVE ENGINEER(F)  
MORMUGAO PORT AUTHORITY**

**SECTION-II**  
**PRICE SCHEDULE**

**Sub:” HIRING OF WATER TANKER OF 8 KL CAPACITY WITH WATER SPRINKLING FACILITY FOR DUST MITIGATING AT MORMUGAO PORT AUTHORITY FOR A PERIOD OF ONE YEAR “.**

Sr. No.	Description of work	Unit Rate	Qty (nos)	Total Amount (Rs)
A.	Lumpsum Rate quoted per month for Water tanker of 8 KL which shall be inclusive of hire charges of vehicle, fuel considering number of trips, variation in fuel prices, consumables, repair and maintenance of vehicle, deployment of driver in three shifts, Gate pass charges etc., exclusive of GST for the fair season eight months (October to May)		02	
B.	Lumpsum Rate quoted per month for Water tanker of 8 KL shall be inclusive of hire charges of vehicle, fuel considering number of trips, variation in fuel prices, consumables, repair and maintenance of vehicle, deployment of driver in three shifts, Gate pass charges etc., exclusive of GST for the Monsoon season four months (June to September)		01	
C	Total Cost (A+B)			

(In Rupees \_\_\_\_\_ Words \_\_\_\_\_)

\_\_\_\_\_ only)

**Date:**

**Signature:**

**Place:**

**Name:**

**Address:**

**Office Seal of firm:**

**Note:**

1. The offered rates shall be exclusive of GST.
2. Evaluation will be done on basis of total cost as the contract period is for one year.

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