



नव मंगलूर पत्तन प्राधिकरण NEW MANGALORE PORT AUTHORITY  
यांत्रिक विभाग MECHANICAL ENGINEERING DEPARTMENT,  
पणंबूर, मंगलूर ५७५०१०- Panambur, Mangaluru- 575010.

Phone: 0824- 2887777/2887706/2887753.



No. 2/25/2022-23/EE(M)II/TS/ROAD SWEEPING MACHINE

Date:18.04.2023

To:

-Prospective Bidders-

Sir,

Sub: NMPA - Mechl. Dept. - Budgetary Offer requested for "Providing Sweeping Services through **Brand new** Truck Mounted Heavy Duty Vacuum Sweeping machine to NMPA for a period of 5(Five)years"- Reg.

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New Mangalore Port Authority intends to hire Road Sweeping machine Vehicle on monthly hired basis. The minimum Terms & Conditions (Annexure-A), Technical specifications (Annexure-B) for Hiring is as below / enclosed. You are requested to furnish your lowest Budgetary quotation for Hiring in the below mentioned format inclusive of all charges except EPF,ESI & GST. The due date for submission of budgetary quotation is on or before 24.04.2023 at 15.00 hrs.

Sl. No.	Description	Monthly rate in Rs. per machine	Monthly rate in Rs. per machine ( in words)
1.	<b>Monthly Hire charges</b> for Providing Sweeping Services to NMPA through 01 No. <b>Brand new</b> Truck Mounted Heavy Duty Vacuum road Sweeping machine including driver and cleaner charges, operation and maintenance of equipment and transportation of the dust collected to specified locations. <b>Excl EPF,ESI&amp;GST. Fuel supplied by Port. Working Hr: 08 Hrs/ per day</b> as per the instruction of controlling officer. <b>(excluding fuel cost).</b>		

Thanking you,

(SRINGESWARA N.S.)

Superintending Engineer (Mechl.), NMPA

अधीक्षक अभियंता (यांत्रिक)  
Superintending Engineer (Mech)

नव मंगलूर पत्तन प्राधिकरण  
New Mangalore Port Authority  
पणंबूर, मंगलूर - ५७५०१०  
Panambur, Mangalore - 575 010 D K

**Annexure-A**  
**GENERAL TERMS AND CONDITIONS (GTC):**

1. The Road Sweeping machine to be supplied **shall be Brand New.**
2. The hired Road sweeping machine deployed/hired along with operator(driver) and cleaner shall be used for sweeping services of New Mangalore Port Area of NMPA and in and around Port premises. Fuel will be supplied by NMPA. Normal working hour is 8.00AM to 5.00PM having one hour break for lunch & tea. Normally, the machine shall have to be operated for 08 hours per day except maintenance days. However, in case of emergency, the machine work beyond 8 hrs period for which pro-rata payment for every extra hour will be made. operation also includes conveyance of collected materials, dumping and levelling ,etc including extra manual labours as nad when required.
3. The contract shall be for a period of 05 years. The contract may be extended for an additional period of one or two year at the same rates, terms & conditions, provided the contractor has performed satisfactorily in the previous years.
4. The Tenderer should deploy drivers having a valid license with experience of driving heavy motor vehicles or equipments. The drivers shall be provided with uniforms as required under Motor Vehicles Act/Rules. All Drivers should be provided with a Cell Phone with incoming call facility. The driver deployed should also be insured. The contractor should keep the Driving license of the driver, emission test certificate, Insurance documents in respect of Driver / Road sweeping machine, certificate of fitness , certificate of Registration of Motor Road sweeping machine, certificate of Tax / Tourist permit under the Karnataka Motor Vehicle Act / Rules or any other necessary certificates issued by the Competent Authority at all times with the Drivers. Comprehensive Insurance Policy shall be taken for the Road sweeping machine to safeguard the interest of the port against all risks involved in hiring an operation of the Road sweeping machine to comply with the Motor vehicles Act 1989, this insurance should cover all the risks for liability of life of passengers and the driver. *This should also cover all riot risks.*
5. The Road sweeping machine should be maintained in good running condition and kept clean and tidy inside as well as outside with comfortable seats. The Road sweeping machine shall be fitted with appropriate PESO approved spark arrestor. Requirement of fuel shall be informed before reporting for duty every day.
6. The Road sweeping machine are required everyday including Sundays, holidays and as per the requirement. The Road sweeping machine shall be

allocated according to the Port's needs from time to time. The trip sheets shall be checked and certified by the Officers concerned. The trips are to be made based on the instructions given by the Controlling Officers from time to time. First aid medicines shall be kept in the Road sweeping machine always.

7. The Tenderer shall comply with all the labour, commercial and industrial laws applicable for performance of this contract. The Tenderer shall be responsible to pay all taxes, charges and duties prescribed for operation of the Road sweeping machine within the state of Karnataka. NMPA will not reimburse any taxes, levies, tolls & duties other than the GST as per prevailing rates during the period of contract. *GST will be paid only if the tenderer has furnished the notarized copy of GST registration certificate issued by the GST authorities.*
8. The Road sweeping machine should be in good running condition. The Tenderer should *renew/maintain valid* certificate of fitness, insurance, Certificate of registration, Permit, Certificate of Tax, Emission test certificate or any other necessary certificates issued by the Competent Authority.
9. In case of any accident caused to any person including the tenderer's or Port's workmen or damage to any property in the course of the execution of the contract, the tenderer will be solely responsible for payment of Compensation, Medical aid, etc. In case, the tenderer fails to pay the compensation within a reasonable time, where the damage occurs within the Port area, the Port may settle the claims and arrange to recover the same from the tenderer. The tenderer shall be solely responsible for any accidents to his/her employees, Port's employees, or the public, from any cause whatsoever and he shall indemnify the NMPA against any damage to property or injury to person resulting from any such accidents and shall take steps to properly insure against any claims. NMPA shall not have any connection whatsoever in this connection against any proceedings/actions by any Government/Departments of Governments, etc.
10. **Payment of Wages:** Payment of wages to the persons engaged by the Tenderer shall not be less than the minimum wages applicable to the worker employed for construction & maintenance of roads, runways, buildings which comes under Area 'B'. Whenever revision of minimum wages, revised by the Government as per Minimum Wages Act, 1948 during the currency of the contract, the wages paid shall not be less than the revised rates applicable. The minimum wages per day applicable as on 01.04.2023 as per Minimum Wages Act, 1948 are

Skilled (Driver or operator)	Rs816/-.
Un skilled (cleaner)	Rs616/-

(Reference notification sl no. S.O.188(E) dated 19<sup>th</sup> January, 2017.)

Note : The wages are normally revised by the Chief Labour Commissioner (C), Ministry of labour and Employment, New Delhi, once in 6 months linked to the Consumer Price Index. Difference in revision of minimum wages shall be claimed by the contractor for reimbursement after payment to the workers.

11. The concerned / controlling officers i.e. will arrange 100% payment within 15 days from the date of submission of monthly bills along with the required documents. Also the contractor has to submit the receipt of ESI and EPF contribution paid to their staff and extract of wage & bonus payment Register for the month for which the contractor submits the bill, as documentary evidence.
12. The contractor shall park the Road sweeping machine at NMPA premises while on NMPA duty at his risk and cost. Place of parking will be provided either in the Port's Administrative Office building premises or any other location as instructed by the controlling officers depending upon the reporting place . The PORT AUTHORITY shall not be responsible for any loss or damage caused to the Road sweeping machine while parked in the Port premises. Recoveries will be made at applicable rates of Port from the contractor's bills, if contract Road sweeping machine causes damages to Ports property. The Road sweeping machine will be stationed in the Port's Administration Building Premises (or) in any other location of the Port as may be decided by the controlling officer from time to time. The Contractor shall also give details of all the Drivers like Name, Permanent Address, License and badge no. etc., if any, duly countersigned by the contractor to the controlling officer.
13. Tenderer shall provide Necessary Port Entry Passes to the Road sweeping machine and Drivers at his own cost.
14. The **contractor** shall comply with the Central, State and Municipal laws / rules and shall **solely responsible**/ complying with provisions of contract labour (Regulation and Abolition Act.1970) and rules there under and other enactments that may be applicable including **ESI, EPF, Payment of wages Act, the workmen compensation Act** or any other applicable legislations, Municipal laws, or other statutory rules / regulations whatsoever in force and as far as they are applicable.
15. The rates quoted shall be inclusive of all expenses such as lubricants, maintenance, driver and cleaner salary, O.T., insurance, road tax, permit, emission testing, F.C, EPF/ESI Contribution deducted from Drivers/cleaners

salary, uniforms for drivers/cleaners any other over heads and profit, excluding fuel. The rates quoted shall be exclusive of EPF,ESI&GST. **Fuel will be supplied by NMPA.** GST,EPF,ESI at applicable rates will be reimbursed extra subject to production of documentary evidence. The contractor shall file the applicable tax & returns within the time and submit the documentary evidence.

**16. Welfare Measures - EPF, ESI, Bonus:**

- a. All the workmen of this contract shall be covered with EPF as per the provisions of "The Employees Provident Funds & Miscellaneous Provision Act, 1952".
  - b. All the workmen of this contract shall be compulsory covered as per the provisions of "Employees State Insurance Act,1948".
  - c. The EPF & ESI contribution of the employees and immediate employer's contribution shall be remitted to the authorities concerned periodically at the applicable rates. **The immediate employers contribution**, will be reimbursed to the Contractor based on the documentary evidences towards remittance made.
  - d. The documents related to the payment of EPF, ESI shall be enclosed to the Monthly bills. Further, these documents shall be produced to the enforcement authorities of Central/State Govt., whenever demanded by such authorities. Failure to comply with EPF, ESI & other applicable welfare measures, the Contractor is liable to pay fines as decided by the enforcement authorities or competent authorities of NMPA.
17. The quoted hire charges shall remain firm and fixed for the entire period of contract. After satisfactory completion of initial 05 year contract period, the contract period may be extended for one or two years at same rate, terms & conditions if required by Port on mutual consent.
18. A certificate shall be submitted by the Tenderer showing that the staff deployed has been verified by the local police for irregularities if any.
19. The Budgetary quotation in complete shape and as required above enclosed in a sealed cover super scribed as Budgetary offer for "Providing Sweeping Services through Truck Mounted Heavy Duty Vacuum Sweeping machine to NMPA for a period of 5(Five) years" should reach to this office on or before 24.04.2023 at 15.00hrs. and same will be opened on 24.04.2023 at 15:30 Hrs in the presence of Finance Department representative.

Thanking you,

Yours faithfully,

(SRINGESWARA N.S.)

Superintending Engineer (Mechl.)

अधीक्षक अभियंता (यांत्रिक)

Superintending Engineer (Mech)

13/4/23

Annexure-B

General/Technical Specifications and requirements

1. Truck Mounted Heavy Duty Vacuum Sweeping machine:

- i) The Truck Mounted Heavy Duty Vacuum Sweeping machine deployed should be brand new. Preference will be given to Make in India products.
- ii) The Machine should be capable of sweeping of various materials like iron ore dust, muck, spilled cargo, pebbles, stones. The machine should have a dust collector/ container of minimum **5 Cu. M. Capacity** and Water Tank capacity of minimum 500 Ltrs.
- iii) The machine should be able to sweep an overall width of minimum 3 meters in one sweep / pass and sweep PM 10 Standard dust. Sound levels of the machine should be below 80 DB.
- iv) The entire sweeping operation like lowering and raising of central and side brushes, suction nozzle, operating of sweeping brushes etc. should be hydraulic / pneumatic actuated. The machine should have hydraulic tipping facility for dumping of the collected material. Further, it should have lowering / lifting and locking / unlocking of the rear dump discharge door. The hopper dumping shall be either front/ rear dumping and be able to dump the swept materials in designated area.
- v) The machine deployed be designed in such a way that during the sweeping mode, the Road sweeping machine should be capable of travelling at required speed and when going for dumping / discharge of collected material it should go at normal road speed limit.
- vi) The machine should have a wandering hose of 5 m length for clearing any heaps in inaccessible areas. The brooms used must be polypropylene instead of iron as the rotating speed of brooms may damage asphalt of the BT roads.
- vii) Brooms: a) Prefabricated, disposable, polypropylene / nylon with steel.  
b) Side Brooms: The machine should have provision for side brooms which can sweep foot paths/ kerbs walls up to a min. width of 1 mtr.  
c) Central brooms: The machine should have provision for central broom Polypropylene / nylon of at least 1mtr. cylindrical width.
- viii) The vacuum suction system should incorporate a cyclonic separator along with Bag Filters filtration system with continuous cleaning during sweeping with compressed air jets, for efficient, trouble free & easy to maintain road sweeping and to ensure that the suction efficiency of the machine is not affected at any time during sweeping, due to dust load and meeting statutory PM-10 Pollution Control Norms in Blower exhaust air. All the operations of the machine including sweeping, dumping, water sprinkling, lifting /lowering of brooms, etc shall be button controlled mounted on a console inside the operator's cabin.

- ix) The Machine should have the provision to mechanically pickup heavy debris through a belt conveyor system or any other suitable mechanism and the vacuum suction system should incorporate a cyclonic separator OR other requisite system required for efficient & trouble free filtration so as to ensure that the suction efficiency of the machine is not affected at any time during sweeping, due to dust load.
- x) The machine should be self-sufficient in all aspects including cleaning of dust load, during sweeping operation, with or without spray of water. Machine must be able to handle both wet & dry type of dust, muck, spilled cargo or any other material without any trouble. The machine should have low turning radius, so as to sweep small and narrow roads.
- xi) The machine shall have a minimum hopper capacity of 5cu.mtr. The machine must have water sprinkler for controlling the dust during sweeping operations.
- xii) The machine shall have to be designed to carry road sweeping and Cleaning of Heaps less than 1(one) foot height.
- xiii) The container volume of the Truck Mounted Heavy Duty Vacuum Sweeping machine shall be a minimum of 5cu.m and is of stainless steel. The dust controlling on the machine shall be carried out by water sprinkling nozzles.
- xiv) The cabin shall be with clear vision. The cabin should be so modified that it should provide the best field vision to the operator of the machine and the control panel shall be within the easy reach of the operator.
- xv) The mechanical sweeping machine should be fitted with GPS with online tracking system on Google Maps.
- xvi) The Truck Mounted Heavy Duty Vacuum Sweeping machine should be fitted with video/web camera for recording the quality and quantity of cleaning continuously.
- xvii) The machine should work in general shifts from 8:00am to 4:00pm or 9:00am to 5:00pm (i.e., 8 hours working daily) including Sundays and public holidays. The fuel tank of the machine shall give at least 8 hours endurance.
- xviii) The machine to be deployed shall be a brand new one as per latest norms of RTO.
- xix) The machine deployed shall comply with all the norms of local RTO authorities from time to time. Reflective tapes- Reflective radium tape has to be affixed to the Road sweeping machine as per the provisions.
- xx) The Supervisor/Driver shall have an exclusive cell phone for effective

communication with the Officials concerned of NMPA.

- xxi) The firm shall have to commence the work within 90 days from the date of LOI by deploying the brand new machine with required men. If deployment of machine is delayed beyond 90 days i.e. from 91 to 120 days, a penalty of recovering the hire charges on pro rata basis will be affected from the first running bill after deployment of the machine.
- xxii) Dumping yard will be decided after deployment of Road sweeping machine which will be in and around NMPA premises.
- xxiii) Road sweeping machine will be allowed for maintenance for one day in a month without any penalty with prior permission from the Engineer-in-charge if required

Address for communication:  
Superintending Engineer(Mechl.),Mechl Dept.  
Room No.235, Administrative building, 2<sup>nd</sup> floor, NMPA,  
Panambur, Mangaluru-575010.  
Phone:08242887777, 08242887753.



(SRINGESWARA N.S.)

Superintending Engineer (Mechl.),NMPA

18/4/2023

अधीक्षक अभियंता (यॉन्त्रिक)  
Superintending Engineer (Mech.)

नव मंगलूर पत्तण प्राधिकरण  
New Mangalore Port Authority  
पणंबूर, मंगलूर - ५७५०१०  
Panambur, Mangalore - 575 010 D K