

**MORMUGAO PORT AUTHORITY**  
**ENGINEERING MECHANICAL DEPARTMENT**

**NOTICE INVITING BUDGETARY QUOTATIONS**

Budgetary Quotation no.	BQ/2025/01
Name of Work	Budgetary Quotation for "Monitoring of Stack gas, Noise level and Ambient Noise level of 09 Nos. DG sets at Mormugao Port Authority on yearly basis for a period of 03 years"
Date of submission of budgetary quotation	<b>On or before 30.01.2025 at 12.00 Hrs.</b>
Address for communication:	<b>Executive Engineer (P&amp;D),</b> Office of Chief Mechanical Engineer, Engineering Mechanical Dept., Mormugao Port Authority, A.O. Bldg, Headland Sada, Mormugao, Goa – 403804.
Contact Details	Phone :0832-2594227/17/12 Email : <a href="mailto:xeng.mpa@gmail.com">xeng.mpa@gmail.com</a>
Website	<a href="https://www.mptgoa.gov.in/">https://www.mptgoa.gov.in/</a>

Bidders are requested to submit their Budgetary Quotations as per enclosed format at **ANNEXURE – I** to enable us to arrive an estimated cost for tendering.

Budgetary Quotation should be addressed to the "Executive Engineer (P&D)", Mormugao Port Authority, 2nd floor, AO building, Headland- Sada, Mormugao, 403804.

Executive Engineer (P&D),  
**MORMUGAO PORT AUTHORITY**

## **SCOPE OF WORK**

### **SUB: Monitoring of Stack gas, Noise level and Ambient Noise level of 09 Nos. DG sets at Mormugao Port Authority on yearly basis for a period of 03 years**

The Port intends to carry out the testing of stack gas, noise level (day & night) and ambient noise level of 09 nos. DG sets installed in the Port area as per requirement of Goa state Pollution control Board for a period of 3 years.

#### **1 Scope of work**

1.1 The bidder will have to carry out the work of testing once a year (one visit in a year) tentatively in the month of June of the contracted period or as otherwise intimated by MPA, as per the following schedule.

- i) Stack Gas Monitoring to be carried out on 09 nos. DG sets with 01 sample to be collected on each DG set.
- ii) a) Monitoring Noise level at day time between 6.00 am to 10.00 pm for 09 nos. DG sets with 01 Sample to be collected on each DG set.  
b) Monitoring Noise level at night between 10.00 pm to 06.00 am for 10 nos. DG sets with 01 Sample to be collected on each DG set
- iii) Monitoring Ambient Noise level : 6 samples on each DG set to be collected in 24 hrs on 09 nos. DG sets with a gap of 4 hours between each sample.

1.2 The capacities of above 09 nos. DG sets installed in the Port area are as given below:

<b>Sr. No.</b>	<b>Location</b>	<b>Capacity</b>	<b>Make</b>
1	A.O. Bldg, DG No. 1	500 KVA	Caterpillar
2	A.O. Bldg, DG No. 2	125 KVA	Kirloskar
3	MPA Hospital	320 KVA	Greaves
4	Berth No. 10, DG No. 1	320 KVA	Greaves
5	Berth No. 10, DG No. 2	300 KVA	Greaves
6	Gate No. 9	160 KVA	Greaves
7	Cruise Terminal	125 KVA	Kirloskar
8	Railway Panel, DG No. 1	15 KVA	Mahindra
9	Railway Panel, DG No. 2	15 KVA	Mahindra

1.3 The parameters to be furnished in test reports includes date of sampling, test location, time of sampling, material of stack, stack height from G.L., type of fuel used, fuel consumption, type of stack, flue gas temperature, velocity, diameter of stack, gas volume, PM, SO<sub>2</sub>, NO<sub>x</sub>, HC, CO, noise and ambient noise level monitoring report, calibration details of instruments used, etc. along with their permissible limits as per latest directives issued by Goa State Pollution Control Board (GSPCB).

Note: The certificate should indicate the present value and permissible limits also.

- 1.4 In case of statutory requirements of the Government, there may be more than one visit per year, bidders shall accept the additional visit if any at the same rates quoted for per visit.
- 1.5 In case if testing could not be carried out on certain DG set at the time of testing due to breakdown, testing of such DG set shall be carried out once it is in operation at the same rate.

2 **Other terms and conditions:**

- i) All tools and tackles shall be arranged by the Contractor at their own cost.
- ii) Necessary RFID entry passes shall be obtained by the Contractor for vehicle, material and personnel, at their own cost with the approval of Port Officials for entry into Port area. The same can be obtained online from our website [www.mptgoa.gov.in](http://www.mptgoa.gov.in).
- iii) The Bidders are advised to visit the site and get acquainted regarding the nature of the work involved at site conditions before quoting the rate.
- iv) The ladder mounted Crane if available shall be provided by the Port free of cost wherever there is no access available for testing and execution of the work with prior intimation to the Port Engineer.
- v) The contractor shall provide any other items which have not been specifically mentioned in the Price Schedule (Bill of Quantities), but which are found necessary for completion of the works without incurring any additional expenditure to the Port.
- vi) The payment shall be strictly made to the labour by the contractor through Bank Account. Statements of salary made to labourers through bank shall be furnished with the bills.
- vii) The monitoring/ test reports shall be submitted within 15 days of testing.
- viii) The contract period will be for a **period of 3 years**
- ix) Valid certificate of Accreditation to NABL and recognized by MoEF&CC **shall be submitted.**
- x) If bidder is conducting the testing on behalf of other firm than the valid Memorandum of Understanding with that firm recognized by MoEF&CC along with Valid certificate of Accreditation to NABL and recognized by MoEF&CC of that firm **shall be submitted.**
- xi) GSTN registration no. **shall be submitted.**
- xii) Payment will be made within One month of receipt of bills along with the test reports in order

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**ANNEXURE-I****BUDGETORY OFFER**

<b>Sr. No</b>	<b>Description</b>	<b>Qty of DG sets</b>	<b>Unit Rate per visit (Rs.)</b>	<b>Total Amount (Rs.)</b>	<b>Applicable GST (%)</b>
A	B	C	D	E=C x D	F
1.	Stack Gas Monitoring of DG sets (1 sample per DG set)	09			
2.	Monitoring Noise level at day between 6.00 am to 10.00 pm (1 Sample per DG set) and at night between 10.00 pm to 06.00 am (1 Sample per DG set)	09			
3.	Monitoring Ambient Noise level (Total 6 samples in 24 hrs on each DG set with a gap of 4 hours between each sample) (6 Samples per DG set)	09			
4.	Total (in fig)				
5.	Total (in words)				

**NOTE:**

1. Prices shall be inclusive of Sampling charges and transportation charges.
2. Above prices shall be exclusive of G.S.T.

**Sign and Seal of the Firm**