



MORMUGAO PORT TRUST
MATERIALS MANAGEMENT DIVISION
ENGINEERING (MECHANICAL) DEPARTMENT

MM/NS/CME/0309/2020/

05.12.2020

To,

1. M/s Aeromarine Pvt. Ltd., Mumbai
2. M/s Rolex Engg. & Trading Co., Vasco
3. M/s MJR Corporations, Navi Mumbai
4. M/s Sea Linkers, Mumbai
5. M/s House of Safety, Vasco

Dear Sir,

Sub:- Supply of navigational lights/beacons for Buoys at Port shipping channel.
Enquiry No. MM/NS/CME/0309 due on 15/12/2020.

With reference to the above subject, you are requested to kindly quote in the following format for the non-stock item to be procured by us:-

Sr. No.	Description	Qty. & Unit	Rate/ Unit (Rs.)	Freight /Unit (Rs.)	Insurance/Unit (Rs.)	GST/ Unit (Rs.)	FOR Destination Amount/Unit (Rs.)	HSN Code
1.	Solar powered navigational light of 2 to 3 NM-nautical miles. (03-Green & 04 Red) Technical specification as per Annexure 'A' attached. Note: The quoted rates should be inclusive of all taxes, duties, freight etc., but exclusive of GST which will be paid extra as applicable.	07 Nos.						

Kindly note that we are a Govt. of India organization, and as such:-

1. **PAYMENT:** Our payment shall be 100% payment within 30 days of undisputed receipt of material/invoice/documents by ECS/EFT. Suppliers Invoice should indicate the suppliers and MPT's GST numbers and suppliers HSN number. Confirm acceptance.
2. **DELIVERY:** The delivery period is within 4 weeks. You will have to dispatch the material to our store, duly insured, on FOR Destination basis. Confirm acceptance. Kindly quote accordingly.
3. **LIQUIDATED DAMAGES:** Supply schedule as per order should be strictly adhered to. In the event of delay in supplies, Liquidated Damages at 1% of the total basic value of the undelivered quantity will be levied per week or part thereof of delay. The total Liquidated Damages shall however not exceed 10% of the total basic value of the order. The total value here means the total value of the order exclusive of taxes, freight etc. **The date of receipt of material at our Store at Baina, Vasco will be considered as date of delivery for the purpose of Liquidated Damages.** Confirm acceptance.
4. **FORCE MAJEURE & EXTENSION IN DELIVERY PERIOD:** In case of failure to deliver the goods in time which shall have arisen due to war, insurrection, restraint imposed by

the Government Act or Legislation or other Authority, accident, strike, riot, lock-out or unforeseen events beyond human control directly or indirectly interfering with the supplies of stores or from any cause which the purchaser may admit as reasonable ground for an extension of time, the purchaser will allow such additional time he considers reasonable provided that the contractor shall report to the purchaser the occurrence of any cause as aforesaid which will or might affect the performance of the contract within a reasonable time. Requests for extension received after expiry of the delivery schedule will not be entertained. Confirm acceptance.

5. **WARRANTY:** The light unit shall have a three (3) year warranty, excluding battery which will have a warranty of one (1) year from the date of supply. In case of any fault during the warranty period, the supplier will have to make arrangements to collect, repair and return the fixtures. The cost towards the same shall be borne by the supplier. Confirm acceptance.

Kindly furnish your typed offer in sealed cover marked **“MM/NS/CME/0309 due on 15/12/2020”**, which shall be opened on **15/12/2020 at 15.30 hrs.** The cover (offer) should reach this office latest by 15.00 hrs on the due date.

Kindly furnish your offer immediately by e-mail. Our e-mail address is mm@mptgoa.gov.in.

Thanking you,

Yours faithfully,

DY. MATERIALS MANAGER

TECHNICAL SPECIFICATION

Specification of Solar powered navigational-light/Lanterns of 2-3 NM

A) Lantern shall have up to 256 IALA recommended flash characteristics, which should includes following flash-codes and shall meet IALA recommendation E-200-1 signal colours:

- i) FL (3) 10 S
- ii) FL 2 S
- iii) FL (2) 5 S
- iv) FL 2 S
- v) FL 3 S

B) Visible range: **2-3** Nautical Miles.

- i) Horizontal output of 360 degrees.
- ii) Solar panel: Integral with lantern.
- iii) Water tightness: IP68 waterproof.
- iv) The manufacturer shall be ISO certified and should demonstrate a minimum of 5 years IALA membership.
- v) Quantity: 07 nos (**03-Green & 04-Red**)

C) Technical data for Solar-Powered Marine-Lanterns / lighting-units

- i) Nominal Voltage: 3.6 V.
- ii) Battery: Maintenance free and should be more than 7500 mAh.
- iii) Body material: UV radiation resistant material or powder coated aluminium suitable for deep-sea and marine-environment applications.
- iv) The entire lantern assembly should be as approved by IALA.
- v) Light mounting pattern using 4 or 6 hole 200 mm bolt-pattern Base
- vi) Lanterns should have more than 04 LED's with full redundancy, if one LED fails the others will continue. A single LED is not acceptable.
- vii) Depending upon sunlight light conditions light should switch ON/OFF automatically. OFF at daytime and ON at night time.

- viii) Setting of flash characteristics manually or remote control (**Infra-red remote controller**).
- ix) Warranty: The light unit shall have a three (3) year warranty, excluding battery which will have a warranty of one (1) year from the date of delivery.
- x) Brand: Sealite, Vega, Carmanah/Sabik or equivalent.
- xi) The lantern shall have a life expectancy of up to 12 years.