

MORMUGAO PORT TRUST

Marine Department

Quotation no. DC/SO(M)/01/2018



An ISO 9001 : 2008 Port
ISPS CODE Compliant

QUOTATION FOR

“AMC for Solar lighting-units of Navigational-channel, Mooring-dolphins,
Breakwater-light & Mole-light for 2018-19”

Submission at **15.00 hrs** on **17.07.2018**

Website : www.mptgoa.com

MORMUGAO PORT TRUST
MARINE DEPARTMENT, SO[M]-Section

Tender Notice

Quotations are invited in a sealed cover from MSME firms duly super scribed as

Quotation for: “Annual maintenance contract-AMC for solar lighting-units of Navigational-channel, Mooring-dolphins, Breakwater-light & Mole-light for 2018-19”

Details about Quotation:

| | |
|---|--|
| Quotation invited by | Deputy Conservator, HoD-Marine department, MORMUGAO PORT TRUST |
| Quotation No. | DC/SO(M)/01/2018 |
| Name of Work | AMC for solar lighting-units of Navigational-channel, Mooring-dolphins, Breakwater-light & Mole-light for 2018-19. |
| Liquidated Damages | For delay in supply/work Liquidated Damages, equivalent to 1% of the total contract value for every <u>three(3) days</u> or part thereof subject to max 10% are liable to be deducted from any moneys due or become due to contractor |
| Payment terms | 100% payment per month shall be made within 30 days after satisfactory completion of work/month on producing invoice complete in all respect. The contractor shall furnish their bank account number, PAN card, MICR number, name of the Branch along with Bill for arranging payment made through E.C.S. by the Trust. |
| Bid Validity | 60 Days from the date of opening of the quotation. |
| Submission of bids | 17/07/2018 till 15:00 Hrs. |
| Opening of bids | 17/07/2018 at 15:30 Hrs. |
| Address for communication and submission of bid | “Harbour Masrter, Dy HoD - Marine department, 1 st floor, AO Bldg, Mormugao Port Trust, Mormugao, Goa – 403804. |
| Contact Details | Phone :0832-2594816 / 0832-2594803 |
| Website | www.mptgoa.com |

MORMUGAO PORT TRUST
Marine Department, SO[M]-Section

Scope of work

Name of Work: AMC 2018-19 for solar lighting-units of navigational-channel, Mooring-dolphins, Breakwater-light & Mole-light at Mormugao Port Trust.

I List of Navigational lighting equipments :

- 1. Breakwater light** [Qty – 01 no]
 - a)** Marine Lantern-Automatic power Inc API model FA 250, **b)** Solar generator panel Tata BP 1275
 - c)** Solar controller, **d)** Maintenance free lead acid battery-Exide make EP-100-12, Volts 100 Ah
- 2. Mole light** [Qty – 01 no]
 - a)** Marine Lantern – Automatic power Inc API, **b)** Solar generator panel TATA BP 1218,
 - c)** Solar controller, **d)** Maintenance free lead acid battery- model 5005, 12 Volts / 100 Ah
- 3. Buoy light** [Qty 13 nos in stream]
 - a)** Marine Lantern-Automatic power Inc API / Tideland ML-140 / Sealite SL-125, etc
 - b)** Solar generator panel TATA BP 1218
 - c)** Maintenance free lead acid battery- Exide make 12V/100Ah & 12V/26Ah
- 4. Danger Marker lights** [Qty – 08 nos (06-Mooring dolphins, 02-Marker buoys wrecks)]
 - a)** Compact sealed Marine Lanterns of SL-70 / Sealite make
 - b)** Illuminations white lights atop each mooring-dolphins 06 sets (1-set = 4 solar-panel, 4-battery, 4-charge-controller, 4-bulb)
- 5. Occasional Maintenance :** Average frequency 10 to 12 units a Year.
 - a)** Carry out wiring and install lighting unit on the buoy.

II Scope of work : Minimum thrice(3)/Monthly maintenance routines

Minimum thrice / monthly routines inspection of solar lighting-units of navigational-channel Mooring-dolphins, Breakwater-light & Mole-light which includes:

i. Solar lighting on Channel-buoys & Mooring-dolphins

- a)** Solar panel cleaning, Check voltage any defect in lighting unit assembly to be rectified in situ.
- b)** Check battery voltage & terminals, if repair is not feasible, unit to be replaced and defective unit to be brought ashore & rectified, **c)** Clean bulbs contacts, **d)** Check wiring, **e)** Check fasteners & set tight
- f)** Check flashing codes, etc, **g)** Carry out wiring & install lighting-unit on the buoy.

ii. Breakwater light & Mole light :

- a)** Check solar panel & check voltage, **b)** Check battery, clean tighten terminals
- c)** Check connections wiring

iii. Danger Marker lights :

- a)** Check operation, **b)** Check solar panel, **c)** Check fasteners & set right

iv. Batteries :

- a)** Putting the batteries in store for charging with available solar panels during every visit.

- i)** Minimum thrice(3) / month maintenance routines to be carried out and report with observations to be submitted to the sectional head viz SO[M]-Section/Marine dept.
- ii)** The technical-works to the Navigational-lighting units shall consists of general-servicing, trouble-shooting, fault-finding, minor-repairs to spares/component/unit-replacement, etc and cleaning, wiping, descaling, soap-washing, etc is also included. Same being influenced by bird-droppings, fly-dust of ores & coal, mist etc.
- iii)** All tools and tackles shall be arranged by the Contractor at their own cost.
- iv)** For travelling-voyage to off-shore site-locations, Launch/boat/Tugs shall be provided by MPT. Travelling to shore-based berthline-waterfront locations shall be on contractor’s account.
- v)** The contractor shall maintain discipline & strict decorum while conducting themselves with the MPT launch/boat staff-crew, avoiding any acts of confrontation, misconduct, compromise, omissions, etc. and be diligent in building a harmonious relationship for executing the AMC smoothly
- vi)** The contractor shall constantly be regular touch/communication with Pilot-room, CO-PR, Signal-station, SO[M]-office, etc staying alert on availability/deployment of MPT staff-duties, flotilla-launches, working schedules, etc. No cause shall be made by the contractor regards miscommunications, non-connectivity of phone-links/reanges otherwise & physical keep-in touch.
- vii)** At start of AMC a brief amount of standby spares, components, frames & fixtures, hardwares, materials-items, etc at equipment-stockroom will handed-over to the contractor inorder to independently all AMC requirements and same shall have to be returned on AMC completion.
- viii)** Spares, components, consumables, etc shall be provided by MPT. However conventional routine material-items which are incidental in nature shall be on contractor’s account.
- xi)** Breakdown repairs to be taken within 24hrs of telephonic communication / intimation.
- x)** Contractor shall organise to handle / shift all lighting-units, batteries, components, spares, material-items, etc pertaining to the contract onto the Launch, tugs, boats, atop offshore-buoy, breakwater lighthouse, Mole light-post, mooring dolphins, load/unload on vehicles, etc
- xi)** Any additional help-hand, labours, work-assistance, etc both on-shore & off-shore shall be organised by the contractor at his own cost.
- xii)** Since all navigational units are located along berthline-waterfront, mid-sea / offshore atop floating-buoys, etc contractor shall ensure that shall be attended by technical persons with courage, self-confidence, good sea-survival skills, etc.
- xiii)** It is incumbent on part of the contractor to bring to the notice of MPT any additional needs for attending the contract more effectively, untoward incidences, cautionary/security issues/lapses that may have viewed progressively or forward looking initiatives, etc.
- xiv)** While attending off-shore/afloat-repairs, the contractor & all his personnel shall compulsorily wear all certified safety gears, life-jackets, anti-skid footwear, goggles, gloves, etc at his cost.
- xv)** The contractor shall collect the items for usage from store-room, MM dept-Baina, local-market supplier, transporter, etc including delivering the various units for charging, repairs/rectification, etc within or outside MPT in his own vehicle. MPT vehicle if free will be provided as available.
- xvi)** All efforts are made to incorporate the actual contract requirements, the details information mentioned are to be considered indicative only. Actual maintenance requirements shall construed as existing at the site conditions although actual mention thereof may have been absent / omitted.

GENERAL TERMS AND CONDITIONS

- a) Validity:** The validity period for the offer shall be 60 days from the date of opening of the quotation.
- b) Price:** Offered rates shall be inclusive of all taxes & duties. GST shall be paid extra as applicable.
- c) Completion Period:** The work shall be attended for twelve(12) months from date of placement of order.
- d) Payment Terms:**
- i. 100% payment shall be made on within **30 days** after satisfactory completion of work/month on producing invoice complete in all respect.
 - ii. The contractor shall furnish their bank account details for the payment through ECS by MPT. Copy of PAN card, GST, EPF, ESI & other statutory registrations shall also be furnished. MICR no, name of the branch along with bill for payment. Formal order will be released on furnishing ESI, EPF, etc
- e) Liquidated Damages:**
In the event of failure by the contractor to complete the execution of the work within the time stipulated in the contract or by the expiry of any period of extension granted by MPT terms thereof, the contractor shall pay MPT as Liquidated Damages for delay to complete the work, a sum of 1% of contract price per three(3) days or part thereof subject to a maximum of 10% and MPT shall have the power to deduct this amount from the payment of the amounts due to the contractor or from his deposit.
- f) General terms & conditions**
- i) Short-notice limited tender are invited from Micro, mini, small, minor & medium [MSME enterprises] for providing labour & services to MPT and offering them opportunity in participating in progress, growth, development, etc of the Harbour.
 - ii) The Bidders is advised to visit the site and get acquainted regarding the nature of the work involved at site conditions before quoting the rate.
 - iii) Scope-of-work Schedule-**A**, Technical terms & condition Schedule-**B**, General terms & conditions Schedule-**C** and Price-cover schedule-**D** to be read in conjunction to ensure the actual supply and works involved. Bidders must submit all schedules A, B, C &D duly stamped & signed.
 - iv) Necessary Entry passes shall be obtained by the contractor at their own cost with the approval of Port officials.
 - v) The Trust will not be responsible for any loss or damage of the men/materials/tools/plants engaged by the firm during the work at site or transportation.
 - vi) The Contractor shall take utmost care during the execution of the work, if any damage to Port property, the cost of the damage shall be deducted from the Contractor's bill.
 - vii) MPT reserves the right to change, alter, modify, add, subtract, increase, decrease, etc the quantities or close tender without giving any justification/reasons to make the contract more feasible.
 - viii) Even if the contract is awarded, MPT reserves the right to reject the contractor and summarily stop the contract at any time midway during the pendency of the contract if MPT desired needs are not fulfilled or if in its opinion the service requirements are later found inadequate or unsatisfactory or for any reasons that may be undisclosed.
 - ix) Address for communication and submission of bid: Harbour Master, Marine dept, 1st flr AO Bldg, Mormugao Port Trust, Goa – 403804. Phone: 0832-2594816.
 - x) Further amendments if any, visit our Website www.mptgoa.com

PRICE COVER (Bill-of-quantities)

Sub: AMC 2018-19 for solar lighting-units of navigational-channel, Mooring-dolphins, Breakwater-light & Mole-light at Mormugao Port Trust.

(Prices quoted shall be all inclusive of taxes, duties, GST, other levies, etc)

| Sr | Description of work (Only Labour & services) | Unit price-Rs | Qty [nos] | Cost (Amount in Rs) | | Remarks |
|----|---|---------------|--------------|---------------------|-------|---------------------------------------|
| | | | | figures | Words | |
| 1 | Rectifying / Replacing solar lighting-units on Mole-light, buoy: 3, 8, 10B and 10C | | 05 | | | To attend only once before AMC start. |
| 2 | Tieing marker afloat-indicator to buoy no 5 | | 01 | | | |
| 3 | General-servicing, maintenance, trouble-shooting, fault-finding, minor-repairs, operational up-keeping of lights/panels/ batteries, spares/component/ unit-replacement, etc and cleaning, wiping, descaling, soap-washing, etc is also included at 21 locations. Same being influenced by bird-droppings, fly-dust of ores & coal, mist etc | | 12 | | | Twelve calendar months |
| | | | Total | | | |

(Rupees _____)

Signature and Seal of the Contractor

Name of Firm/Contractor:

Address:

Place:

Date:

NB: [Schedule A, B, C and D each duly stamped & signed must be submitted alongwith Price-schedule]

| Sr | Description of work (Only Labour & services) | Unit cost (Rs) | Qty (nos) | Rate per year (Rs) | | Remarks |
|----|---|----------------------|--------------|--------------------|-------|---------|
| | | | | figure | words | |
| | a | b | c | d=b x c | e | f |
| 1 | | | 05 | | | |
| 2 | | | 01 | | | |
| 3 | | | 12 | | | |
| | | | Total | | | |

- i) The Bidders is advised to visit the site and get acquainted regarding the nature of the work involved at site conditions before quoting the rate.

Signature and Seal of the Contractor

Name of Firm/Contractor:

Address:

Place:

Date:

Note: Kindly quote your rates along with all terms & conditions. GST shall be extra as applicable.