

भारत सरकार/GOVT. OF INDIA

पत्तन,पोत परिवहन और जलमार्ग मंत्रालय /Ministry of Ports, Shipping and Waterways

दीपस्तंभ और दीपपोत निदेशालय /Directorate of Lighthouses &Lightships

दीप भवन, जी. एम. सी. स्टेडियम के पास/Deep Bhavan, Near GMC Stadium

बाम्बोलीम, गोवा – 403 202 /Bambolim, Goa - 403202



GeM-निविदा/GeM Bid

Item Specification Document

Name of Work : Procurement of Main light spares, Solar Charger Controller, Stepper Motor & Controller for various Lighthouses under Goa Directorate.

भारत सरकार/Government of India
पत्तन, पोत परिवहन और जलमार्ग मंत्रालय /Ministry of Ports, Shipping and Waterways
दीपस्तंभ और दीपपोत निदेशालय/Directorate of Lighthouses and Lightships
दीप भवन, जी एम सी स्टेडियम के पास, बम्बोलिम, गोवा - 403202
Deep Bhavan, Near GMC Stadium, Bambolim, Goa – 403202

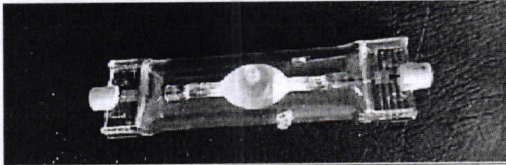
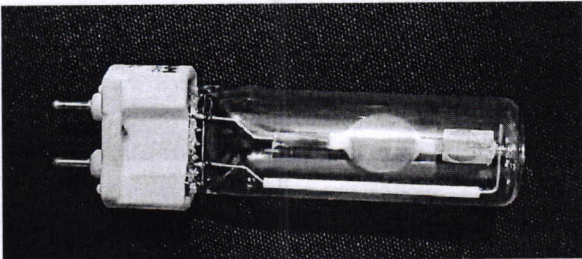
File No.: EM-Goa-01001(18)/2/2022-EM

Date : 23/04/2024

Item Specification Documents

Name of Work - Procurement of Main light spares, Solar Charger Controller, Stepper Motor & Controller for various Lighthouses under Goa Directorate.

1. Table for Item Specification Documents:

Sr. No.	Item Name	Item Specification / Reference/Photo	Make and model of Items proposed for supply. To be filled and submitted along with technical bid.
I.	Metal Halide Lamp	Double end, 230V/150W, Color: Cool White 	
II.	Metal Halide Ballast suitable for Sl. No. 1.	230V/150W, suitable for Sl. No. 1. Warranty : 2 Years	
III.	Metal Halide Lamp	Double end, 230V/70W, Color: Cool White	
IV.	Metal Halide Lamp	Single end, 230V/70W, Color: Cool White 	
V.	Metal Halide Ballast suitable for Sl. No. 2 and 3.	230V/70W, Suitable for Sl. No. 1. Warranty : 2 Years	
VI.	Stepper Motor (Torque : 10Kg - cm)	a) Stepper Motor as per sample of existing motor. b) Torque : 10Kg – cm, c) Current: 2.8A, Bipolar d) Bipolar,4-wire, e) Shaft size : dia 06mm f) Frame size:56mm x56mm, Height:75mm.	

		<ul style="list-style-type: none"> g) Minimum 3-metre cable with connector h) Warranty : 3 Years 	
VII.	Stepper Motor (Torque:45Kg-cm)	<ul style="list-style-type: none"> a) Stepper Motor as per sample of existing motor b) Torque:45Kg-cm c) Current: 6A, d) Bipolar,4-wire, e) Shaft size: Dia 12mm. f) Frame size:86mm x 86mm, height:95 mm. g) d. Minimum 3-metre cable with connector. h) Warranty : 3 Years 	
VIII.	Spare male female connectors	Compatible for Stepper Motor and Controller mentioned in Sl. No. VI -VII and IX-X.	
IX.	Motor controller drive unit	<ul style="list-style-type: none"> a. Suitable for Stepper Motor Torque:45Kg-cm b. Input Operating voltage : 230V AC and 12VDC, c. Overvoltage/Overcurrent/ Short-circuit protection built-in, d. Toggle switch for Enable/Disable, Direction change, Start/Stop, e. Pot with lock for Speed control including 4-digit RPM meter, f. Properly enclosed with connectors, cables and cooling fans. g. 03 Meter cable with connector for stepper motor h. Warranty : 3 Years 	
X.	Motor controller drive unit	<ul style="list-style-type: none"> a. Suitable for Stepper Motor Torque:10Kg-cm. b. Input Operating voltage : 230V AC and 12VDC, c. Overvoltage/Overcurrent/ Short-circuit protection built-in, d. Toggle switch for nable/Disable, e. Direction change, Start/Stop, f. Pot with lock for Speed control including 4 digit RPM meter, g. Properly enclosed with connectors, cables and cooling fans. h. 03 Meter cable with connector for stepper motor. i. Warranty : 3 Years 	
XI.	Teflon coated wire/Polytetrafluoroe thylene (PTFE)	Wire 2 Sqmm, Copper wire for connecting MH Lamps to Ballasts.	
XII.	MPPT Solar Charge Controller	40A MPPT Solar Charge Controller 12/24V with 5V USB port and Large LCD Display , Warranty: 2Years	

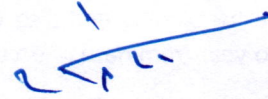
2. Additional Terms and Condition

- i. The all of the above items will be used in existing system thus the performance, size, wattage, voltage etc, must match with the items being used. So, the bidders are advised in their own interest to visit Aguada Lighthouse, North Goa to get acquaint themselves with the actual requirement.
- ii. Bidders shall go through the technical specifications and provide in the offer point by point compliance. The technical deviations, (if any) shall be indicated clearly during pre bid meeting only. Kindly note that no further communication will be made to get the technical clarifications. The offers without this information will be rejected without any consideration.

3. Technical Bid Documents:

The bidder is required to furnish following documents in the Technical Bid :-

- a. Company Registration certificate
- b. Self-attested copy of experience certificate for undertaking relevant Electrical Works/supply.
- c. Original Copy of Earnest Money Deposit (EMD) in the form of Demand Draft or FDR from any Nationalized Bank, in favour of "The Director of Lighthouses and Lightships, Goa" payable at Goa. MSME bidders in eligible category seeking exemption from submission of EMD are required to submit 'Bid Security Declaration' in given format (Form 1).
- d. Technical details/Broachers of item proposed to be supplied.



निदेशक (प्रभारी) / Director-in-Charge

भारत के राष्ट्रपति कई लिये और उनकी ओर से
For and on behalf of the President of India

BID SECURING DECLARATION

(On letter head of the firm)

To,
The Director,
Directorate of Lighthouses and Lightships,
Near GMC Stadium,
Bambolim, North Goa-403202.

Sub.: Submission of EMD/Bid Security Declaration – Reg.

Name of work: Procurement of Main light spares, Solar Charger Controller, Stepper Motor & Controller for various Lighthouses under Goa Directorate.

I/We declare that:

1. I/We understand that according to the tender document, bids must be accompanied by EMD or a Bid Security Declaration. Accordingly, I/We have opted for submitting this Bid Security Declaration.
2. I/We declare that I/We not withdraw our bid during the Bid validity period or make any modifications to my/our bid.
3. I/We understand that if I/We withdraw my/our bid or modify the bid, I/We be automatically suspended from being eligible for bidding and also will be debarred from competing for bids in your esteem institute for a period of two year from date of occurring of such breach.
4. I/We understand that if I/We fail to furnish the Performance Guarantee before the deadline specified in the LOA/LOI/GeM order, my /our bid will be automatically cancelled and I/We will also be debarred from competing for bids in your esteemed institute for a period of two year from the date of occurring of such breach.
5. I/We further understand that if I/We fail to sign the contract in case the work is awarded to me /us or fail to furnish the Performance Guarantee, my/our bid will be automatically cancelled and I/We will also be debarred from competing for bids in your esteemed institute for a period of two year from the date of occurring of such breach.
6. I/We understand that this Bid Security Declaration will automatically expire if we are not the successful bidder/ upon the expire of bid validity period.
7. I/We declare that I am/ we are authorized to sign this declaration.

Duly signed this declaration on this day.....2024 in the presence of following witness.

In the presence of:

Name of witness :
Signature :
Postal Address :

In the presence of:

Name of witness :
Signature :
Postal Address :

Signature of the Bidder