

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

Tender no. CME/XEN(E-P)/PROJ4/WINDSPEED/2019



**AN ISO 9001-2015 PORT
ISPS CODE Compliant**

TENDER

**FOR “SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF WIND SPEED
ALARM SYSTEM AND SIREN AT PORT AREA”.**

Due at **15.00 Hrs** on **14-05-2019**

Website: www.mptgoa.gov.in

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

Tenders are invited in single cover system from firms duly super-scribed as

TENDER FOR “Supply, Installation, Testing and Commissioning of Wind Speed Alarm system and Siren at Port Area”

Details about Tender:

Tender invited by	CHIEF MECHANICAL ENGINEER / MORMUGAO PORT TRUST
Tender No.	CME/XEN(E-P)/PROJ4/WIND SPEED/2019
Name of Work	“Supply, Installation, Testing and Commissioning of Wind Speed Alarm system and Siren at Port Area”.
Earnest Money Deposit	Rs.2600/- in the form of DD only from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa to be submitted along with the tender in a separate envelope, otherwise the offer shall not be considered.
Security Deposit	10% of the contract value. Two parts: (i) 5% of contract value – to be furnished in the form of DD only within 10 days upon placement of order/LOA whichever is earlier. (ii) 5% retention money shall be deducted from the running A/c bills.
Completion Period	The work should be completed within 15days from the 7 th day of receipt of LOA/P.O whichever is earlier.
Liquidated Damages	The contractor shall pay the Board as Liquidated Damages for delay to complete the work, a sum of 0.5% per week or part thereof of the total contract price subject to a maximum of 5% of the total contract price and the Board shall have the power to deduct this amount from the payment of the amounts due to the contractor or from his deposit.
Payment terms	100% payment shall be made within 15 days after satisfactory completion and commissioning of work and on furnishing undisputed invoice complete in all respects. The contractor shall furnish their GST code, EPF, ESI, Wage register, Attendance register, PAN card, bank account number, MICR number Name of the Branch along with Bill for arranging payment made through E.C.S. by the Port.
Bid Validity	30 Days from the date of opening of the tender.
Guarantee Period	12 months from the date of taking over of the work by Port upon satisfactory commissioning of the work.
Date of submission of bids	14-05-2019 till 15:00 Hrs.
Date of Opening of bids	14-05-2019 at 15:30 Hrs
Address for communication and submission of bid:	Executive Engineer(E-P), Mechanical Engineering Department, Mormugao Port Trust, P & D Section, 2 nd Floor, Admin. Building, Headland sada, Vasco-da-Gama, Goa - 403804
Contact Details	Phone :0832- 2594260/77 Email : xenpw.mgpt@gmail.com
Website	www.mptgoa.gov.in

CHIEF MECHANICAL ENGINEER (i/c)

TECHNICAL SPECIFICATION

1.0 GENERAL

Mormugao Port Trust invites tender in Single cover system for the work of “**Supply, Installation, Testing and Commissioning of Wind Speed Alarm system and Siren at Port Area**”.

2.0 SCOPE OF WORK:

The work includes supply, installation, testing and commissioning of wind anemometer, Data logger, sirens, flash lights in accordance with relevant IS and as per technical specifications.

2.1. Detailed technical specifications

- 2.1.1 Supply of Anemometer Sensor Wind Speed Sensor 3 Cup Anemometer With 5 Mtr Cable, Model SWA 8600, Output 4 - 20 ma DC Range 0 - 60 Meters / Sec Accuracy Better Than +/- 2% Housing SS 316 / bras / Aluminium Connector 4 Way, Power 24 VDC Operated Scan rate Selectable (1 Sec To 99 Sec). along with mounting accessories. Make : SUNPRO or Equivalent
- 2.1.2 1 CH Universal Input Flat Touch Screen Data logger With UCB Pen Drive, Model DI-35, Input Signal (4 To 20 mADC From Wind Speed Sensor), Range 0 To 60 M/Sec , +/- 0.5 % Fsd, No. Of Channels 1 Channel, Output RS 232 & Printer Port /USB Port For Pen Drive Max 4 Gb, Display 3.5 "Flat Screen All Ch Display At A Time, Log Time Selectable (1 Sec to 99 Min) Alarm Hi/Lo Alarm With Potential Free Contact, Print Interval Selectable (1 Min To 99 Min) Memory 25000 Log Time Per Channel Power Supply 240 Vac Or 110vac / 50hz 96 H X 96 W MM. Make : SUNPRO or Equivalent
- 2.1.3 Supply of Electrically Operated **Pure AC** Siren, Single Phase AC,220/250 Volts, 3 Kms Range. Necessary Hood shall be provided on top of the siren to prevent from moisture.
- 2.1.4 Supply of Flasher Beacon Lights, 50HZ, Single Phase AC,220/250 Volts, Made In India LED Color-RED Dual Audio Audio Range-500Mtr.Voltage - 240/110V AC. Make : NANHUA or Equivalent.
- 2.1.5 Supply of Signal Cable For Connection Between Anemometer To Data Logger (Display Unit) 7/32 Teflon Signal Cable.
- 2.1.6 Monitoring Software for Datalogger.
- 2.1.7 MS Powder Coated Wall Mounted Enclosure For Data Logger
- 2.1.8 20A, 230V Contactor with NO & NC contact for Connecting Beacon Light and Siren. Make: L&T or Equivalent.
- 2.1.9 Power Cable for Siren to Logger and Beacon Light to Logger of 1.5 Sq X 3 Core Copper. Make : Finolex or Equivalent.
- 2.1.10 Offline UPS 1KVA with 45 min backup. Make: Luminous or Equivalent.

2.1.11 Installation, Testing and Commissioning of Anemometer Sensor, Wind Monitor Display Unit, Siren, Beacon light, Laying of Signal Cable and power cable on the Wall, Monitor software, MS power coated Enclosure, Contactor, UPS, etc.

3.0 GENERAL TERMS AND CONDITIONS

3.1 The Contractor shall commence and complete the work as per the BOQ and proper safety precautions should be taken at the electrically charged installation at the substation. The work is to be carried out as per the site conditions and relevant IS standards.

3.2 Testing and commissioning should be carried out to the satisfaction of the Engineer in charge. All left over/scrap materials etc. are to be promptly cleared and transported, wherever necessary from the work site by the Bidder at his own cost and risk as per the directions of Engineer in charge.

4.1. Eligibility of the Tenderer

The following should accompany the bid document in sealed cover, viz.

- i) Tender document issued by the Port shall be duly initialled on each page with rubber stamp of the Bidder and submitted along with the bid.
- ii) Certificate of Registration with PF Commissioner/ESI authorities and GST.
- iii) Price Bid should be duly filled in. Bidders are advised to quote strictly as per the price bid.

4.2 Validity:

The validity period of the offer shall be 30 days from the date of opening of the bid document.

4.3 Price:

- i) The bidder shall quote the price exclusive of GST. Applicable GST shall be paid on the quoted price. The bidder shall indicate the applicable GST rate on the goods/services in the price bid.
- ii) Evaluation will be done considering only the basic price.

4.4 Earnest Money Deposit:

- i) The Bidder shall furnish as part of its bid document, an EMD of Rs.2600/- in the form of DD only in a separate envelope. Bid without EMD shall be treated invalid and such bid will not be opened.
- ii) To claim EMD exemption, the tenderers are required to produce an attested copy of the NSIC registration Certificate issued in the name of the firm who will submit the tender document. The exemption from the payment of EMD will be allowed only if similar work of the tender match with the enlistment statement shown in the Certificate issued by SSI/MSME registered with NSIC. No claims for exemption without the details stipulated above will be considered.

Similar Work shall be "Supply, Installation, Testing and Commissioning of Wind Speed Alarm system and Siren"

- iii) In the event of Bidder withdrawing his tender before the expiry of **tender validity period of 30 days** from the date of opening of bid document, the bid document

submitted by the Bidder shall be cancelled and EMD shall be forfeited by the Port.

- iv) The Earnest Money Deposit of unsuccessful Bidders shall be returned/refunded on award of Contract to the successful Bidder. No interest shall be payable on the amount of EMD in any case and under any circumstances. The Earnest Money Deposit of the successful Bidders shall be refunded only on receipt of 5% of security deposit as stated in the NIT of the tender document.
- v) MPT reserves right to forfeit Earnest Money Deposit in respect of successful Bidder, if bidder fails to furnish the necessary Security Deposit towards performance within 10 days of issue of LOA/P.O whichever is earlier.

4.5 Security Deposit:

- i) Security deposit shall be 10% of contract value consisting of two parts:
 - a) The Demand Draft of 5% of the contract value rounded off to nearest 100 rupees shall be submitted within 7 days of issue of Letter of Acceptance / Purchase Order whichever is earlier.
 - b) The balance 5% shall be recovered as Retention monies from the running A/c bills. Thereafter, the total of 10% (DD 5% and 5% Retention Money) shall be returned after successful completion of Guarantee period of one year (12 months).
- ii) The contractor shall furnish the Security Deposit in the form of DD only from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa within 10 days from the date of issue of Letter of Acceptance (LOA) / Purchase Order (P.O) whichever is earlier. The Security Deposit shall be converted to Performance Guarantee during the guarantee period of 12 months.

4.6 Completion Period:

The entire work shall be completed within **15days** from the 7th day of receipt of LOA/Purchase order whichever is earlier.

4.7 Guarantee Period:

The Contractor shall give the guarantee for a period of **12 months** from the date of taking over of the work. Any defect observed during the guarantee period, the same shall be set right by the Contractor, free of cost without any financial implications to the Port, whatsoever.

4.8 Payment Terms:

- i) 100% payment shall be made within **15 days** after satisfactory completion and upon successful commissioning of the work on furnishing undisputed invoice complete in all respects.
- ii) The contractor shall furnish their bank account details for the payment through ECS by the Trust. A copy of the PAN card, GST code, wage register, attendance register, EPF& ESI, Bank account number, MICR number, Name of the Branch along with Bills shall be furnished for arranging payment made through E.C.S. by the Trust.
- iii) The bidder shall quote GST No. of MPT (30AAALM0293P1ZY) on all invoices raised on Port. If bidder is not registered under GST or opted for composition scheme under GST, undertaking of the same shall be submitted by the bidder.

4.9 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 the Board's terms thereof, the contractor shall pay the Board as Liquidated Damages for delay to complete the work, a sum of 0.5% per week or part thereof of the total contract price subject to a maximum of 5% of the total contract price. The Board shall have the power to deduct this amount from the payment of the amounts due to the contractor or from his deposit. The GST @18% on LD will be deducted at the time of making payment to Vendors/Contractors.

4.10 Other terms and conditions

- i)** All tools and tackles and logistics involved in the work shall be arranged by the Contractor at their own cost. The transportation cost, if any, shall be borne by the contractor.
- ii)** The Bidders are advised to visit the site and get acquainted with the quantum of the work involved and site conditions before quoting for the works.
- iii)** The scope of work and bill of quantities at "**ANNEXURE-1**" to be read in conjunction to ensure the actual supply of materials and works involved.
- iv)** Necessary Entry passes shall be obtained by the Contractor at their own cost with prior approval of the Port Officials on Duty.
- v)** The Trust will not be responsible for any loss or damage to the materials/ tools/plants engaged by the contractor/bidder during the work at site or transportation.
- vi)** The Contractor shall take utmost care during the execution of the work, if any damage caused to the Port property, the cost of the damage shall be recovered from the Contractor's running A/c bill or may be recovered by the Board in any other mode as deemed fit.
- vii)** The power supply shall be provided by the Port free of cost for execution of the work; however, the Contractor shall take power supply from the nearest source by making suitable arrangements at their own cost and risk.
- viii)** Any work not mentioned herein above but necessary for overall completion of the work shall be deemed to be included in the scope of work without any additional financial implications to the Port, whatsoever.
- ix)** Under any circumstances, if the work is abandoned by the contractor for whatever reasons, the same shall be executed for successful commissioning 'thro' the external agency to be engaged by the Port at the risk and cost of the contractor. The expenditure incurred by the Port in this regard shall be recovered from the monies due to the contractor / security deposit or as deemed fit by the Board.
- x)** The works shall be carried out with due regard to safety standards prevailing in the Port.
- xi)** All the workmen shall be covered under a suitable insurance policy. Accidents, if any, fatal or otherwise at site shall be the sole responsibility of the contractor. The Port should not be held liable for compensation in whatsoever manner under any circumstances.
- xii)** Further amendments if any, visit our Website www.mptgoa.gov.in.

CHIEF MECHANICAL ENGINEER (i/c)

ANNEXURE-I**PRICE SCHEDULE (BILL OF QUANTITIES)****NAME OF WORK: "Supply, Installation, Testing and Commissioning of Wind Speed Alarm system and Sirens at Port Area"**

Sr. No.	Description of work	HSN/ SAC Code	Unit	Qty	Rate/Unit		Amount	GST %
					In figure	In words		
1	Supply of Anemometer Sensor Wind Speed Sensor 3 Cup Anemometer With 5 Mtr Cable, Output 4 - 20 ma DC Range 0 - 60 Meters / Sec Accuracy Better Than +/- 2% Housing SS 316 / bras / Aluminium Connector 4 Way, Power 24 VDC Operated Scan rate Selectable (1 Sec To 99 Sec).		No.	1				
2	1 CH Universal Input Flat Touch Screen Data logger With UCB Pen Drive, Input Signal (4 To 20 mADC From Wind Speed Sensor), Range 0 To 60 M/Sec , +/- 0.5 % Fsd, No. Of Channels 1 Channel, Output RS 232 & Printer Port /USB Port For Pen Drive Max 4 Gb, Display 3.5 "Flat Screen All Ch Display At A Time, Log Time Selectable (1 Sec to 99 Min) Alarm Hi/Lo Alarm With Potential Free Contact, Print Interval Selectable (1 Min To 99 Min) Memory 25000 Log Time Per Channel Power Supply 240 Vac Or 110vac / 50hz 96 H X 96 W MM		No.	1				
3	Supply of Electrically Operated Pure AC Siren, Single Phase AC,220/250 Volts, 3 Kms Range		No.	1				
4	Supply of Flasher Beacon Lights, 50HZ, Single Phase AC,220/250 Volts, Made In India LED Color-RED Dual Audio Audio Range-500Mtr.Voltage - 240/110V AC		No.	1				
5	Supply Of Signal Cable For Connection Between Anemometer To Data Logger (Display Unit.) 7/32 Teflon Signal Cable.		Mtr.	50				
6	Monitoring Software For Datalogger,		No.	1				

Sr. No.	Description of work	HSN/ SAC Code	Unit	Qty.	Rate/Unit		Amount	GST %
					In figure	In words		
7	MS Powder Coated Wall Mounted Enclosure For Data Logger (Option)		No.	1				
8	Contactor for Connecting Beacon Light and Siren		No.	1				
9	Extra Cables for Siren to Logger and Beacon Light to Logger of 1.5 Sq X 3 Core Copper.		Mtr.	75				
10	Offline UPS 1 KVA with 45 min backup.		No.	1				
11	Installation, Testing and Commissioning of Anemometer Sensor, Wind Monitor Display Unit, Siren, Beacon light, Laying Of Signal Cable and power cable on the Wall, Monitor software, MS power coated enclosure, Contactor, UPS, etc		LS	1				
TOTAL								

(In Words Rupees _____ only).

Date:

Place:

Signature:

Name:

Address:

Office seal of firm:

Note:

1. The bidder shall quote the price exclusive of GST. Applicable GST shall be paid on the quoted price.
2. Evaluation will be done only on the basic price.

BANK DETAILS FOR ECS PAYMENT

1. Name of the Bank and Branch :
2. Account Number :
3. MICR Number :
4. Type of Account :
5. IFSC Number :
6. Copy of PAN Card :
7. G.S.T Regn. No.:
8. EPF No. :
9. ESI Regn. No.

Firm's Sign and Seal

Place:

Date:

MORMUGAO PORT TRUST, GOA		
1	Income Tax PAN No.	AAALM0293P
2	GST TIN (Provisional ID Number)	30AAALM0293P1ZY
Vendor GST Details		
1	Business Name	
2	Constitution of Business	
3	Name of Proprietor/Partners/Directors	
4	Principal Place of Business	
5	Name of Responsible Person	
6	Email	
7	Telephone Number	
8	Mobile	
9	Additional Place of Business	
(i)	Email	
(ii)	Telephone Number	
(iii)	Mobile	
10	Income Tax PAN No.(Attached Certified Copy)	
11	GST ID No./Provisional ID No.(Attached Certified Copy)	

I, Mr. Mrs. _____ of _____ M/s. _____ do certify that the information given above is complete and correct.

Signature:

Name:

Place:

Date: