

MINISTRY OF EARTH SCIENCES

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SINGLE TENDER ENQUIRY (Through E-tendering process only)

M/S:

Ref No: MoES/ICMAM-PD/ESM/Equip/14/2017 dated..

1	The offers are invited for supply 3 nos. of Aanderra SEAGUARD RCM-SW current meter as per the description of technical specifications in Annexure-I and also terms and conditions mentioned below:	
2	Type of tender	SINGLE TENDER (e-Tender)
3	Tender document	Available at the websites : i) https://eprocure.gov.in/eprocure/app ii) http://www.icmam.gov.in
4	Mode of tender	Online Bidding System pl. submit through the website https://eprocure.gov.in/eprocure/app
5	Due date & time of online bidding by bidders	Upto 5 pm IST of 22.08.2017
6	Due date & time of opening of Part-I offer on-line i.e., techno-commercial bid	At 5 pm IST of 23.08.2017 or later
7	Due date and time of opening of price bid	Intimated through online
8	Instructions to bidders	Annexure-II

Head, ICMAM-PD

Technical Specifications

ITEM: SEAGUARD RCM-SW Recording Current Meter

Qty: 3 Nos.

Note: Specs mentioned here are minimum requirement.

S.No.	Description
1.	Seaguard Recording Current Meter (AAnderra xylem brand) capable of self recording of current speed, current direction, sea temperature, with post-processing software. Digital data display and direct downloading from the instrument. Capable of mounting other sensors like turbidity, pressure, oxygen, conductivity etc . ZPulse Doppler Current Sensor.
2.	Depth of Operation is 0 to 300 m
3.	Current speed Sensor: Range: 0 – 3 m/s; Accuracy:±0.15cm/s; Resolution: 0.1 mm/s
4.	Current direction Sensor: Range: 0 – 360° magnetic; Accuracy:±2° ; Resolution: 0.01°
5.	Pressure Sensor: Range: 0 – 4000kpa ; Accuracy:0.02° FSO; Resolution: <0.0001% FSO
6.	Temperature Sensor: Range: -4 to 36°C; Accuracy: ± 0.03°C; Resolution: 0.001°C
7.	Conductivity Sensor Range: 0 – 7.5 S/m ; Accuracy:± 0.005 S/m; Resolution: 0.0002 S/m
8.	Oxygen sensor Range: 0 – 500 mM, ; Accuracy : <8 mM; Resolution: < 1 mM
9.	Turbidity sensor Range: 0-2000FTU
10.	All the sensors must be inbuilt in a single housing including battery
11.	Data storage unit for storage up to 6 months all the sensors data at user specified interval of minimum of 10 min with capability of data logging through RS 232 communication. I/O Data communication by RS 232 with baud rate 300 - 115200
12.	Capability: Rugged in design and capable of operation in rough marine environmental conditions
13.	Suitable mooring frame, for mooring the current meter at a ocean depth of 5 to 50m
14.	Capability of both Internal and External battery power supply. Battery life for continuous operation for a minimum period of 30 days
15.	Windows based software to download the data and its processing
16.	Rugged carry case suitable for field transportation
17.	Accessories like spare batteries-2nos; o-rings - 2nos; protecting case for field deployment, Maintenance kit, toolkit, AC/DC adopter etc to be supplied

Instructions to Bidders

1	<p>BASIC REQUIREMENTS for vendors to upload in e-procurement web site, Govt of India:</p> <ol style="list-style-type: none">PC with internetRegistration with e-procurement system of Govt. of India: https://eprocure.gov.in/eprocure/appDigital signature certificate (Mandatory) for uploading the bids to e-procurement systemFor any clarification, contact Mr. V. Ramanathan, 044-66783597; e-mail: vram@icmam.gov.in
2	<p>ICMAM PD has the RIGHT TO CANCEL the enquiry or extend the due date of receipt of offer and/ or opening of tender without assigning any reason thereof.</p>
3	<p>ICMAM-PD, Chennai has the RIGHT TO VARY the quantity of the items under procurement.</p>
4	<p>ONLINE SUBMISSION: The bidders must submit their offer in PART-I (TECHNICAL BID) and PART-II (PRICE BID) through e-procurement system upto the scheduled time and date. The PART-I shall contain all Techno-Commercial terms and conditions except price. PART-II shall contain price quote.</p> <p>Complete tender documents along with supporting documents as per the tender conditions below, should be duly filled in and signed in and scanned copy of the same should be uploaded in the e-procurement system.</p> <ol style="list-style-type: none">All the documents, as per Eligibility criteria/ technical specificationsList of the documents submitted by the bidder must be enclosed on the letter head of the bidder, giving the reference of the tender no. & date and due date of opening.All relevant technical literature pertain to items quoted with full specifications (drawing, if any) information about the products quoted, including brochures if any should accompany the quotation.A list of reputed clients to whom the firm has supplied similar items to be furnished along with the quotation.Overwriting and corrections should be attested properly,. The quotation should be complete in all aspects and should be duly signed. Incomplete and unsigned quotation will not be considered at all.Scanned copy of Tender Acceptance Letter as per ANNEXURE-IIIScanned copy of Technical Compliance Sheet as per ANNEXURE-IVScanned copy of details of Components and Products of the required item as per ANNEXURE - VCheck list as per ANNEXURE - VI - "Check List"In case tenderer divert the tender and opts to submit its offer through their authorized entity, then authorization letter in original duly signed for specific tender should be submitted along their by the firm quoting on their behalf.PRICE BID should be on CIF, ChennaiThe bidders / tenders will not be allowed to make any variations in the price bid or any amendments to commercial offers already uploaded online during the currency of tender and after the date of opening of the tender.

	<p>xiii. Tenderer shall confirm that "the rates quoted by are reasonable and lowest charged to any of your customer". Please enclose documentary proof such as latest purchase order copies etc., to substantiate the reasonability of price.</p> <p>xiv. TRADE DISCOUNTS, if any, shall be mentioned</p> <p>xv. For imported goods if supplied directly from abroad, prices shall be quoted in NOK, USD, Euro, etc as per the currency of origin country.</p> <p>xvi. Safe arrival of material upto destination shall be the responsibility of the supplier</p>
5	<p>IMPORTED ITEM OFFERED BY INDIAN BIDDER: In case the required items are imported by an Indian Agent/ distributor and offered to ICMAM in Indian rupees, the Indian Agent/ distributor shall have to submit the following documents with each supply:</p> <ol style="list-style-type: none"> i. Their foreign principal's invoice or packing list - original as well as certified philosophy. ii. Certified photocopy of Bill of lading iii. Bill of entry - original as well as certified photocopy iv. Indian Bidders (quoting foreign goods indicating country of origin) holding valid Indian License (IEC) warranty support of foreign manufacturer. <p>The original mentioned above shall be returned back to the successful tenderer after verification and endorsement.</p>
6	<p>GUARANTEE/ WARRANTY: Unless otherwise specified by OEM or specified in the technical specifications, the guarantee / warranty period of item should be minimum 01 year from the date of successful installation/commissioning of equipment to the entire satisfaction of the Consignee.</p> <p>In the event of any defects in materials, design and workmanship during the aforesaid period is found due to faulty design or poor workmanship, the defective items shall be replaced by the supplier at site free of cost within 30 days of settlement of warranty claims.</p> <p>Warranty shall commence from the date of installation and acceptance of the complete equipment supplied under the purchase order/ contract.</p>
7	<p>VALIDITY OF QUOTATION: The offers must remain open for acceptance for 120 days from the date of opening of tender.</p>
8	<p>EVALUATION OF BIDS:</p> <ol style="list-style-type: none"> i. Only the technical bid shall be opened online on the date of tender opening. Price bids of only those firms will be considered for opening whose offer would meet all tender requirements including compliance to technical specifications and has passed in all tender conditions and technical / physical (including field trial) evaluation if required. ii. After opening of price bids, ranking statement will be prepared and the finalization of successful bidder will be done on L-1 (the lowest price) basis. For foreign currency, and it will be with reference to exchange rate prevailed as on the date of opening of price bid. iii. A technical committee constituted by the Head, ICMAM will assess the product supplied/ installed for their quality and tier conformity to the specification provided by the firm in their quotations. Any item identified by the committee to be not as

	per the specifications or are found to be of inferior quality will be rejected, and the bills towards the supply will not be processed for payment till proper replacements are provided.
9	Head, ICMAM-PD reserves the RIGHT TO REJECT any quotation received without assigning any reasons.
10	DELIVERY PERIOD: The bidders are required to quote delivery period at the earliest indicating commencement and completion of supply on FOR destination basis (For Indian bidders). However in case extension of delivery period becomes essential, the supplier will send their request for extension of delivery period to the purchaser before expiry of delivery period.
11	LIQUIDATED DAMAGES: If the supplier fails to deliver the goods within the time to be agreed upon, for delayed deliveries and for delays in installation (whatever applicable) ICMAM reserves the right to levy liquidated damages at the rate of 0.5%per week or par their upto maximum of 5%.
12	INSPECTION AND TESTS: <ol style="list-style-type: none"> i. The purchaser or its authorized representative shall have the right to inspect and/or to test the goods to confirm their conformity to the contract. The purchaser shall notify the supplier in writing of the identity of any representative retained for these purposes. ii. Should any inspected or tested goods fail to confirm to the specifications, the purchaser may reject them and the supplier shall either replace the rejected goods and make all alternatives necessary to meet specification requirements free of cost to the purchaser. iii. The purchaser shall, at its discretion, have the right to test the ordered material in a government test house or in a test house nominated by the purchaser. In case of failure of the material after testing, the cost of tests as well as of the material shall have to be borne by the supplier.
13	NO ADVANCE PAYMENT: Since ICMAM Project Directorate being Government organization, no advance payment will be made. Every attempt will be made to make payment within 30 days from the date of receipt of bill/acceptance of goods, whichever is later. Payment by irrevocable Letter of Credit after supply and acceptance of the equipment by ICMAM. The payment will be authorized after submission of a bank guarantee for 10% value of the order towards warranty guarantee. The performance bank guarantee should be furnished within 15 days from the date of placement of order from a reputed bank (scheduled bank in India or foreign bank operating in India) valid till 60 days after the warranty period.

Tender Acceptance (Offer) Letter

(To be submitted online duly signed format (scanned copy) by the authorized signatory on bidder's company letter head.

Date.....

To
The Head
ICMAM Project Directorate
2nd Floor, NIOT Campus
Pallikaranai, Chennai – 600100

Subject: Acceptance in respect of terms and conditions of tender document for supply, installation, testing and commissioning of _____ (specify item name) at ICMAM Project Directorate, Chennai.

Ref: E Proc Tender Ref No.....,..... dated.....

Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned tender from the web site <https://eprocure.gov.in/eprocure/app>.
2. I / We hereby certify that I / We have read all the terms and conditions of tender document from page No. _____ to _____ (including all annexure / Forms / appendixes, paras, etc.,) which shall part of the contract agreement and I / we shall abide hereby by all the terms and conditions contained therein.
3. The corrigendum(s) issued from time to time by your organization has also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept all the terms and conditions of above mentioned tender document and corrigendum(s) as applicable.
5. In case any provisions of this letter are found violated, then your department / organization shall without prejudice to any other right or remedy be at liberty to reject my bid including the forfeiture of EMD.
6. I / We confirm that our bid shall be valid up to 120 days from the date of opening of Technical Bid.
7. I / We hereby certify that all the statements made and information supplied in the enclosed appendix, annexure / Forms / paras etc., furnished herewith are true and correct.
- 8/ I / We have furnished all information and details necessary for demonstrating our qualification and have no further prominent information to supply.
9. I / We understand that you are not bound to accept the lowest or any bid you may receive.
10. I / We certify / confirm that we comply with the eligibility requirements as per bid documents.
11. In case any provisions of this tender are found violated, ICMAM PD shall be at liberty to reject this tender, including the forfeiture of the full said EMD and we shall not have any claim against ICMAM PD in satisfaction of this condition.

Yours faithfully,

Signature of the Bidder
Name & Designation
Rubber-stamp of the firm

Technical Compliance Sheet

(Bidders are requested to give Compliance of each Specification whether equipment being offered by them is complying with Specification or otherwise)

ITEM: SEAGUARD-SW RECORDING CURRENT METER

Qty: 3 Nos.

MAKE _____

MODEL _____

Sl. No	Minimum Specifications	Compliance (Yes/ No)	Remarks / Deviation
1.	Seaguard Recording Current Meter (AAnderra xylem brand) capable of self recording of current speed, current direction, sea temperature, with post-processing software. Digital data display and direct downloading from the instrument. Capable of mounting other sensors like turbidity, pressure, oxygen, conductivity etc . ZPulse Doppler Current Sensor.		
2.	Depth of Operation is 0 to 300 m		
3.	Current speed Sensor: Range: 0 – 3 m/s; Accuracy:±0.15cm/s; Resolution: 0.1 mm/s		
4.	Current direction Sensor: Range: 0 – 360° magnetic; Accuracy:±2° ; Resolution: 0.01°		
5.	Pressure Sensor: Range: 0 – 4000kpa ; Accuracy:0.02° FSO; Resolution: <0.0001% FSO		
6.	Temperature Sensor: Range: -4 to 36°C; Accuracy: ± 0.03°C; Resolution: 0.001°C		
7.	Conductivity Sensor Range: 0 – 7.5 S/m ; Accuracy:± 0.005 S/m; Resolution: 0.0002 S/m		
8.	Oxygen sensor Range: 0 – 500 mM, ; Accuracy : <8 mM; Resolution: < 1 mM		
9.	Turbidity sensor Range: 0-2000FTU		
10.	All the sensors must be inbuilt in a single housing including battery		
11.	Data storage unit for storage up to 6 months all the sensors data at user specified interval of minimum of 10 min with capability of data logging through RS 232 communication. I/O Data communication by RS 232 with baud rate		

Sl. No	Minimum Specifications	Compliance (Yes/ No)	Remarks / Deviation
	300 - 115200		
12.	Capability: Rugged in design and capable of operation in rough marine environmental conditions		
13.	Suitable mooring frame, for mooring the current meter at a ocean depth of 5 to 50m		
14.	Capability of both Internal and External battery power supply. Battery life for continuous operation for a minimum period of 30 days		
15.	Windows based software to download the data and its processing		
16.	Rugged carry case suitable for field transportation		
17.	Accessories like spare batteries-2nos; o-rings - 2nos; protecting case for field deployment, Maintenance kit, toolkit, AC/DC adopter etc to be supplied		

Signature of the Bidder
Name:
Designation:
Rubber-stamp of the firm

Annexure - V

Components and Products

(In response to technical requirement kindly fill up the details of component & products pertaining to the item requirement, in the following format).

Sl.No	Brand Name and Name of the OEM	Product name of Proposed Model	Quantity	Remarks

Signature of the Bidder
Name & Designation:
Rubber-stamp of the firm

Check List

(Following documents are to be submitted online as a part of Technical bid. Bidders are requested to put a √ mark for ensuring submission of document in the appropriate one)

Sl. No	Description	Online submission	Manual submission
1	Details for annual turnover of the bidder for the last 2 years.	Submitted / Not Submitted	Submitted / Not Submitted
2	Authorisation letter by OEM (original by manual and scanned copy by online) for participating this tender	Submitted / Not Submitted	Submitted / Not Submitted
3	Scanned copy of Tender Acceptance Letter by online and original by manual / post	Submitted / Not Submitted	Submitted / Not Submitted
4	Scanned copy of Performance Certificate from the client by online and original by manual/ post	Submitted / Not Submitted	Submitted / Not Submitted
5	Details of Products and Components	Submitted / Not Submitted	Submitted / Not Submitted
6	Technical Compliance sheet	Submitted / Not Submitted	Submitted / Not Submitted
7	Any other relevant document (scanned copy by online and original by manual)	Submitted / Not Submitted	Submitted / Not Submitted
8	This Check list (scanned copy by online and original by manual)	Submitted / Not Submitted	Submitted / Not Submitted

Signature of the Bidder
Name & Designation
Rubber-stamp of the firm