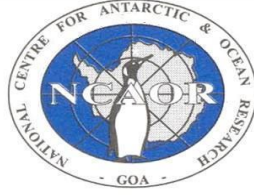


राष्ट्रीय अंटार्कटिक एवं
समुद्री अनुसंधान केन्द्र
पृथ्वी विज्ञान मंत्रालय
भारत सरकार)
हेड लैण्ड सडा, वास्को डा गामा
गोवा- ४०३ ८०४ भारत



**NATIONAL CENTRE FOR
ANTARCTIC & OCEAN RESEARCH**

Ministry of Earth Sciences
Government of India)
Headland Sada, Vasco da Gama
Goa - 403 804 - INDIA

Telefax NO.: +91 832 2525573

Email:warlu62@ncaor.gov.in

PROCUREMENT SECTION

FOREIGN ENQUIRY

M/s.

| | |
|-----------|-------------------|
| Ref. No.: | SOCP-014 |
| Date: | 15.06.2015 |
| Due Date: | 30.06.2015 |

Dear Sir,

You are requested to send your offer for the following items as per the terms and conditions mentioned below.

| SL. NO. | DESCRIPTION | Quantity |
|---------|--|----------|
| 1. | Jacketed Mooring shot Vectran with end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length-900m | 08 Nos |
| 2. | Jacketed Mooring shot Vectran with end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length-200m | 08 Nos |
| 3. | Jacketed Mooring shot Vectran with end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length-100m | 10 Nos |
| 4. | Jacketed Mooring shot Vectran with end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length-50m | 20 Nos |
| 5. | Jacketed Mooring shot Vectran with end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length-20m | 14 Nos |

Your offer should contain the following information:

1. Submit your quotation on FOB/C.I.F basis.
2. Delivery Period: The material is required immediately. Please confirm the exact date of delivery.
3. Validity of quotation:
4. Quantity/Trade discounts, if any. :
5. Guarantee/Warranty of the product:
6. Taxes applicable (VAT if any):
7. Enclose brochure/leaflet – Specification:
8. **No advance payment** will be made. Payment by irrevocable letter of credit after supply and acceptance of the equipment by NCAOR. 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.

9. Overwriting and corrections should be attested properly. The quotation should be complete in all respects and should be duly signed. **Incomplete and unsigned quotation will not be considered at all. Quotation should be submitted as per NCAOR terms and conditions.**
10. 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.
11. A list of **reputed clients** to whom the firm has supplied similar items to be furnished along-with the quotation.
12. Quotation should be **valid for a period of 90 days** and the period of delivery required should also be clearly indicated. If the supplier fails to deliver the goods within the time to be agreed upon, for delayed deliveries and for delays in installation (wherever applicable) NCAOR reserves the right to **levy liquidated damages** at the rate of 0.5% per week or part thereof upto maximum of 5%.
13. Warranty shall commence from the date of installation and acceptance of the complete equipment supplied under the Purchase Order / Contract. The **warranty period** and the kind of **post-warranty support** should be indicated.
14. Please **specify the Make/Brand** and Name of the Manufacturer with address, country of origin and currency in which rates are quoted.
15. Both **FOB and CIF prices upto Indian port of entry** namely Goa should be indicated. However quotation should contain item-wise prices including total ex-works price and cost of packing forwarding, approx. cost of air-freight charges for delivery up to Goa, India.
16. A technical Committee constituted by the Director will assess the product supplied/installed for their quality and their conformity to the specifications provided by the firm in their quotations. Any item(s) 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.
17. Suppliers should clearly define the mechanisms of **post-warranty** maintenance or support. Supplier should undertake to support the product for a minimum period of 5 years (post-warranty).
18. Two sets of operational, service/troubleshooting manuals and diagrams to be supplied.

Please enclose documentary proof such as latest purchase order copies etc., to substantiate the reasonability of price. **Also confirm that the “the rates quoted by you are reasonable and lowest charged to any of your customer”.**

Director, NCAOR reserves the right to reject any quotation received without assigning any reasons.

Yours faithfully

Sd/-
Executive (Procurement)
For and on behalf of Director, NCAOR

TENDER ACCEPTANCE UNDERTAKING

To

The Director,
NCAOR, Headland Sada,
Vasco – Goa.

Having examined the tender document for **SUPPLY OF JACKETED MOORING SHOT VECTRAN**, we the undersigned hereby offer to supply the equipment in conformity with all specifications and conditions set out in the tender document.

We enclosed all the relevant documents as per the tender.

We understand that you are not bound to accept the lowest or any tender received.

Date :

(Signature of Bidder)

Name :

Designation :

Seal

SPECIFICATION OF MOORING SHOT VECTRAN (SYNTHETIC).

1.0 INTRODUCTION

The buoy systems are moored at particular locations of interest, by using different types of ropes and mooring hardwares. Among the mooring components, Vectran rope will be used in various depth and needs to withstand the expected mooring load on that depth range. This specification details the requirements of the Oceanographic vectran rope to be used in our buoy systems.

Purpose

This procurement specification establishes the requirements for 12 strand vectran rope to be used in the mooring of buoy systems in Deep Sea. This specification is not intended for the procurement of general purpose ropes used in other applications.

2.0 TECHNICAL SPECIFICATIONS MOORING SHOT VECTRAN-(Shakedown mooring Cable – Vectran Core with Jacket)

- | | | |
|-----|--|---------------------------|
| 2.1 | Nominal diameter of the mooring shot (SYNTHETIC) | : 8.4 mm |
| | Construction | : 12 strands, splice able |
| | Minimum Tensile Strength | : minimum 5200 kg |
- 2.2 The mooring shot should have used for deep sea buoy mooring applications. Supporting documents are to be provided along with the quote.
- 2.3 Mooring shot ends must have Galvanized molded eye at both the ends and suitable for 5/8" and 1/2" shackles.
- 2.4 The vectran rope will be provided on heavy duty wooden reels with a center hole for lifting purpose.
- 2.5 Vectran rope should be provided with a clear polyurethane coating and it should have High strength, torque free, Low stretch, No creep, soft hand, excellent bend and flex fatigue resistance for easy splicing.

3.0 TEST CERTIFICATES, MATERIAL CERTIFICATION

The supplier/manufacturer should give all Material certificates, Proof Load test and working load Limit certificates. The surface of the Jacketed shakedown mooring cable should be free from any damages. Relevant technical documents should supplied along with mooring shot vectran.

4.0 REQUIRED QUANTITY:

| Sl. No. | Item Description | Quantity (Coils) |
|---------|---|-------------------|
| 1 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 900m | 08 |
| 2 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 200m | 08 |
| 3 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 100m | 10 |
| 4 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 50m | 20 |
| 5 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 20m | 14 |

5.0 PACKAGING

Supplier should adopt suitable packing methods to protect the ropes against damage while transportation and handling.

6.0 MARKING

Exact length with +/- deviation, diameter of the rope and date of manufacturing should be engraved in metal plate and fixed at the two flanges of the spools.

7.0 DELIVERY:

The materials should be delivered within 8-10 weeks from the date of issue of purchase order.

8.0 PAYMENT

As per NCAOR terms and conditions

9.0 WARRANTY

The warranty is to be for **Twelve months** from the date of supply and acceptance by NCAOR.

10.0 GENERAL TERMS AND CONDITIONS

The supplier must have supplied similar kind of deep sea mooring ropes to NCAOR or any other reputed similar deep sea buoy operators for at least three years. Documentary evidence for the above like relevant purchase order/Testimonials should be submitted along with the Quote. Offers not complying these will not be considered.

11. TECHNICAL COMPLIANCE SHEET

| S.No | Specification | Yes/No | Remarks, if any |
|------|---|--------|-----------------|
| 1. | Mooring Shot Vectran-(Shakedown mooring Cable - Vectran Core with Jacket) to comply with the specifications: As per clause 2. | | |
| 2. | Mooring shot ends must have Galvanized molded eye at both the ends and suitable for 5/8" and 1/2" shackles. | | |
| 3. | Should have supplied for deep sea buoy mooring applications, attach supporting documents | | |
| 4. | Test Certificates: <ul style="list-style-type: none">• Material Conformity• proof Load test | | |

TECHNICAL COMPLIANCE STATEMENT FOR JACKETED MOORING SHOT VECTRAN.

| Sr. No. | Description | COMPLIED/ NOT COMPLIED | EXTRA FEATURES |
|---------|---|------------------------------|-------------------|
| 1 | <p>1.0 INTRODUCTION</p> <p>The buoy systems are moored at particular locations of interest, by using different types of ropes and mooring hardwares. Among the mooring components, Vectran rope will be used in various depth and needs to withstand the expected mooring load on that depth range. This specification details the requirements of the Oceanographic vectran rope to be used in our buoy systems.</p> <p>Purpose</p> <p>This procurement specification establishes the requirements for 12 strand vectran rope to be used in the mooring of buoy systems in Deep Sea. This specification is not intended for the procurement of general purpose ropes used in other applications.</p> | | |
| 2. | <p>2.0 TECHNICAL SPECIFICATIONS</p> <p>MOORING SHOT VECTRAN-(Shakedown mooring Cable - Vectran Core with Jacket)</p> <p>2.1 Nominal diameter of the mooring shot (SYNTHETIC) : 8.4 mm</p> <p>Construction : 12 strands, splice able</p> <p>Minimum Tensile Strength : minimum 5200 kg</p> | | |
| | <p>2.2 The mooring shot should have used for deep sea buoy mooring applications. Supporting documents are to be provided along with the quote.</p> | | |
| | <p>2.3 Mooring shot ends must have Galvanized molded eye at both the ends and suitable for 5/8" and 1/2" shackles.</p> | | |
| | <p>2.4 The vectran rope will be provided on heavy duty wooden reels with a center hole for lifting purpose.</p> | | |
| | <p>2.5 Vectran rope should be provided with a clear polyurethane coating and it should have High strength, torque free, Low stretch, No creep, soft hand, excellent bend and flex fatigue resistance for easy splicing.</p> | | |
| 3. | <p>3.0 TEST CERTIFICATES, MATERIAL CERTIFICATION</p> <p>The supplier/manufacturer should give all Material certificates, Proof Load test and working load Limit certificates. The surface of the Jacketed shakedown mooring cable should be free from any damages. Relevant technical documents should supplied along with mooring shot vectran.</p> | | |

| 4. | <p>4.0 REQUIRED QUANTITY:</p> <table border="1" data-bbox="315 205 1112 919"> <thead> <tr> <th data-bbox="315 205 391 331">Sl. No.</th> <th data-bbox="391 205 967 331">Item Description</th> <th data-bbox="967 205 1112 331">Quantity (Coils)</th> </tr> </thead> <tbody> <tr> <td data-bbox="315 331 391 447">1</td> <td data-bbox="391 331 967 447">Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 900m</td> <td data-bbox="967 331 1112 447">08</td> </tr> <tr> <td data-bbox="315 447 391 562">2</td> <td data-bbox="391 447 967 562">Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 200m</td> <td data-bbox="967 447 1112 562">08</td> </tr> <tr> <td data-bbox="315 562 391 678">3</td> <td data-bbox="391 562 967 678">Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 100m</td> <td data-bbox="967 562 1112 678">10</td> </tr> <tr> <td data-bbox="315 678 391 793">4</td> <td data-bbox="391 678 967 793">Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 50m</td> <td data-bbox="967 678 1112 793">20</td> </tr> <tr> <td data-bbox="315 793 391 919">5</td> <td data-bbox="391 793 967 919">Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 20m</td> <td data-bbox="967 793 1112 919">14</td> </tr> </tbody> </table> | Sl. No. | Item Description | Quantity (Coils) | 1 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 900m | 08 | 2 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 200m | 08 | 3 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 100m | 10 | 4 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 50m | 20 | 5 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 20m | 14 | | |
|---------|---|-------------------|------------------|-------------------|---|---|----|---|---|----|---|---|----|---|--|----|---|--|----|--|--|
| Sl. No. | Item Description | Quantity (Coils) | | | | | | | | | | | | | | | | | | | |
| 1 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 900m | 08 | | | | | | | | | | | | | | | | | | | |
| 2 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 200m | 08 | | | | | | | | | | | | | | | | | | | |
| 3 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 100m | 10 | | | | | | | | | | | | | | | | | | | |
| 4 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 50m | 20 | | | | | | | | | | | | | | | | | | | |
| 5 | Mooring Shot Vectran with jacket and end terminal on both ends (shakedown cable), Diameter 8.4 mm, Length- 20m | 14 | | | | | | | | | | | | | | | | | | | |
| 5. | <p>5.0 PACKAGING Supplier should adopt suitable packing methods to protect the ropes against damage while transportation and handling.</p> | | | | | | | | | | | | | | | | | | | | |
| 6. | <p>6.0 MARKING Exact length with +/- deviation, diameter of the rope and date of manufacturing should be engraved in metal plate and fixed at the two flanges of the spools.</p> | | | | | | | | | | | | | | | | | | | | |
| 7. | <p>7.0 DELIVERY: The materials should be delivered within 8-10 weeks from the date of issue of purchase order.</p> | | | | | | | | | | | | | | | | | | | | |
| 8. | <p>8.0 WARRANTY The warranty is to be for Twelve months from the date of supply and acceptance by NCAOR.</p> | | | | | | | | | | | | | | | | | | | | |
| 9. | <p>9.0 GENERAL TERMS AND CONDITIONS The supplier must have supplied similar kind of deep sea mooring ropes to NCAOR or any other reputed similar deep sea buoy operators for at least three years. Documentary evidence for the above like relevant purchase order/Testimonials should be submitted along with the Quote. Offers not complying these will not be considered.</p> | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|------|--|------------|---------------------|--|--|
| 10. | 10. TECHNICAL COMPLIANCE SHEET | | | | |
| S.No | Specification | Yes/ No | Remarks , if any | | |
| 1. | Mooring Shot Vectran- (Shakedown mooring Cable – Vectran Core with Jacket) to comply with the specifications: As per clause 2. | | | | |
| 2. | Mooring shot ends must have Galvanized molded eye at both the ends and suitable for 5/8" and 1/2" shackles. | | | | |
| 3. | Should have supplied for deep sea buoy mooring applications, attach supporting documents | | | | |
| 4. | Test Certificates: <ul style="list-style-type: none"> • Material Conformity • proof Load test | | | | |

Signature with seal

COMMERCIAL COMPLIANCE STATEMENT FOR “JACKETED MOORING SHOT VECTRAN”

| Sr. No. | COMMERCIAL COMPLIANCE FOR “SUPPLY OF JACKETED MOORING SHOT VECTRAN” | COMPLIED/ NOT COMPLIED | EXTRA FEATURES |
|----------------|--|-------------------------------|-----------------------|
| 1 | A list of reputed clients to whom the firm has supplied similar items to be furnished along-with the quotation. | | |
| 2 | In the Bid, the Bidder should furnish the Name and address of the Purchasers placed orders on similar equipment with order No, date, Description and quantity, Date of Supply alongwith Contact person Telephone No, Fax No, and e mail address of Purchaser. | | |
| 3 | The Bidder should enclose copies of Purchase Orders. | | |
| 4 | Quotation should be valid for a period of 90 days from the date of tender opening. | | |
| 5 | The material is required immediately. Please confirm the exact date of delivery. | | |
| 6 | The warranty period and the kind of post-warranty support should be indicated. Warranty shall commence from the date of installation and acceptance of the complete equipment supplied under the Purchase Order / Contract. | | |
| 7 | Please specify country of origin and currency in which rates are quoted. | | |
| 8 | The order acknowledgement should be from the principals and if the Indian Agent is empowered to quote and to furnish order acknowledgement, a copy of agreement entered by you with the Indian Agent to be furnished. | | |
| 9 | Compliance Statement: Equipments point-by-point comparison/compliance statement with technical specification , should be enclosed along with your tender as well as any other extra features of the equipment be shown separately therein and also compliance statement for all commercial terms . | | |
| 10 | To avail duty concessions i.e. Excise Duty as per Govt. notification 10/97 & Custom Duty as per Govt. notification 51/96, NCAOR will provide exemption certificates. Hence, the rates should be split into basic cost and Excise Duty if any. | | |
| 11 | Bid should contain all details and specifications of the equipment offered, delivery schedule, warranty, payment term, installation, training, post-warranty, user-list, service support and details of the price(s) of the item(s) quoted in the bid. | | |
| 12 | In case of imported stores both FOB and CIF prices upto Indian port of entry namely Goa should be indicated. However tender should contain item-wise prices including total ex-works price, overall weight & dimensions of the equipment and cost of packing forwarding, approx. cost of air-freight charges for delivery up to Goa, India. | | |
| 13 | A technical Committee constituted by the Director will assess the product supplied/installed for their quality and their conformity to the specifications provided by the firm in their quotations. Any item(s) 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. | | |
| 14 | No advance payment will be made. Payment by irrevocable letter of credit and on submission of Performance Bank Guarantee for 10%value of Order value towards warranty guarantee. | | |
| 15 | Tender acceptance undertaking as per our enquiry submitted | | |
| 16 | Two sets of operational, service/troubleshooting manuals and diagrams to be supplied with SUPPLY OF JACKETED MOORING SHOT VECTRAN . | | |
| 17 | The submission of tender shall be deemed to be an admission on the part of the tenderer, had fully acquainted with the specifications, drawings etc. and no claim other than what stated in the tender shall be paid in the event of award of Purchase Order. | | |

| | | | |
|----|---|--|--|
| 18 | <p>Acceptance of this tender form and submission of the quote within the stipulated time would be treated as:</p> <ul style="list-style-type: none">• The tenderer has understood all requirements as described in our Tender document.• Acceptance to provide/establish all the facilities mentioned in our tender without any price escalation, if the tenderer finds it necessary to add any hardware or software or any other materials during implementation.• Agreeing to execute order to the satisfaction of NCAOR or its authorized representatives within the stipulated time. | | |
|----|---|--|--|

Signature with seal