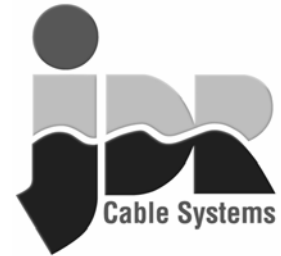


Email Quotation

To : Andrew Hamilton
Company MBARI
Tel.no.
Fax.no.

From : Richard Voight
Your ref. :
Pages : 4 (incl. this page)

Subject : MOOS Riser



JDR Cable Systems BV.
Admiraal Helfrichweg 2,
P.O. Box 49, 2900 AA
Capelle a/d IJssel
The Netherlands

Our Ref.
C200412386-01_RV_USA

Telephone number
281-240-6600

Fax number
281-240-6601

Date
15 February 2005

Andrew:

JDR Cable Systems is pleased to offer the following revised proposal C200412386-01_RV_USA for your current application. The proposal is in accordance to the submitted specification, "MOOS SYSTEM RISER CABLE SPECIFICATION (synthetic fiber rope) –Preliminary Revision 3.0." Please feel free to contact me at your earliest convenience to discuss and/or clarify any portion of this offer. I can be reached directly at 281-380-2709.

Pricing Schedule (Euros):

Item	Description	Qty (*)	Lgth (ft)	Price €/unit	Price Total €
01	Riser Cable, JDR PN: 010 A 099 Rev 1B	3,500	M	€ 53.90	€ 188,650.00
02	Fish-Bite Protection	700	M	€ 9.75	€ 6,825.00
02	Shipping Reel, B 800-021	1	EA	€ 1,650.00	€ 1,650.00
TOTAL :					€ 197,125.00

Pricing Schedule (Dollars):

Prices are based upon an exchange rate of \$ 1.28 = € 1.00 . If the rate has changed by more than plus or minus 2.5 % at the time of invoicing, we reserve the right to adjust prices accordingly.

Item	Description	Qty (*)	Lgth (ft)	Price \$/unit	Price Total \$
01	Riser Cable, JDR PN: 010 A 099 Rev 1B	3,500	M	\$ 69.00	\$ 241,500.00
02	Fish-Bite Protection	700	M	\$ 12.50	\$ 8,750.00
02	Shipping Reel, B 800-021	1	EA	\$ 2,112.00	\$ 2,112.00
TOTAL :					\$ 252,362.00

Notes: Copy(s) of drawing(s) attached.

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**Prices:**

- The prices shown are:
- Expressed and to be paid in Dollars or Euros
- (*) Valid for the quantity(s) mentioned
- Ex works Capelle, according to Incoterms latest edition.
- Including JDR standard Final Acceptance Test (FAT). *A standard FAT test includes measurements of all electrical & optical parameters identified per the cable design specification sheet.*
- Strictly net and exclude VAT & all taxes, duties and charges which may apply within or without the Netherlands to goods, payments and / or transfers, these being for the account of the customer.
- A normal production length tolerance of +/- 6 % will be applicable and invoiced accordingly.

Terminations and Accessories:

- *We have the capability to design and fit terminations to suit our cables, along with various accessories (bend restrictors, fairings etc.). Also cable-winch combinations can be arranged. Please contact us to indicate your requirements.*

Payment terms:

- Payments due net 30 days after date of invoice.
- Payment terms are subject to a customer credit check at time of order.

Transport:

- Not included

Delivery Schedule:**Project info:**

MBARI gives 'GO' for the project on May 20, 2005.

Unterminated cable needs to be delivered before 22nd of July 2005.

Looking at the production / delivery schedule we see two options, knowing:

Option 1:

Order F/O's before mid April because of long leadtime for the amount of 25 k Euro.

Order other materials after 'GO'.

Airfreight the cable (Additional cost to regular transport: 17 k Euro.)

Pay re-stocking costs for F/O's in case of 'NO GO' on May 20. (10 k Euro)

Option 2:

Order F/O's before mid April because of long leadtime. (25 k Euro)

Order other materials last week of April. (85 k Euro)

Pay re-stocking cost for all materials in case of 'NO GO' on May 20. (Total 10 k Euro)

Schedule:

		20-May	wk 1	wk 2	wk 3	wk 4	wk 5	wk 6	wk 7	wk 8	22-Jul	wk 9
Option 1	Order F/O's	Order other materials	//////////	Production						Air freight	deadline	
Option 2	Order all materials	Production						Sea freight			deadline	



Validity:

- Prices as quoted are valid for 45 days from date of quotation, thereafter will be subject to our confirmation in writing. The delivery time shown is valid for 30 days after date of quotation. Validity periods thereafter will be subject to our confirmation in writing.

Terms and Conditions :

- This offer is otherwise subject to JDR standard terms and conditions of sale (*copy attached*).
- Special conditions apply when treatment of customer-supplied material is involved (*copy attached*).

We trust that our offer meets with your approval and look forward to your comments or suggestions, in due course; should you require any further information, please do not hesitate to contact us.

Best regards,

JDR Cable Systems BV

Richard Voight
Technical Sales Manager

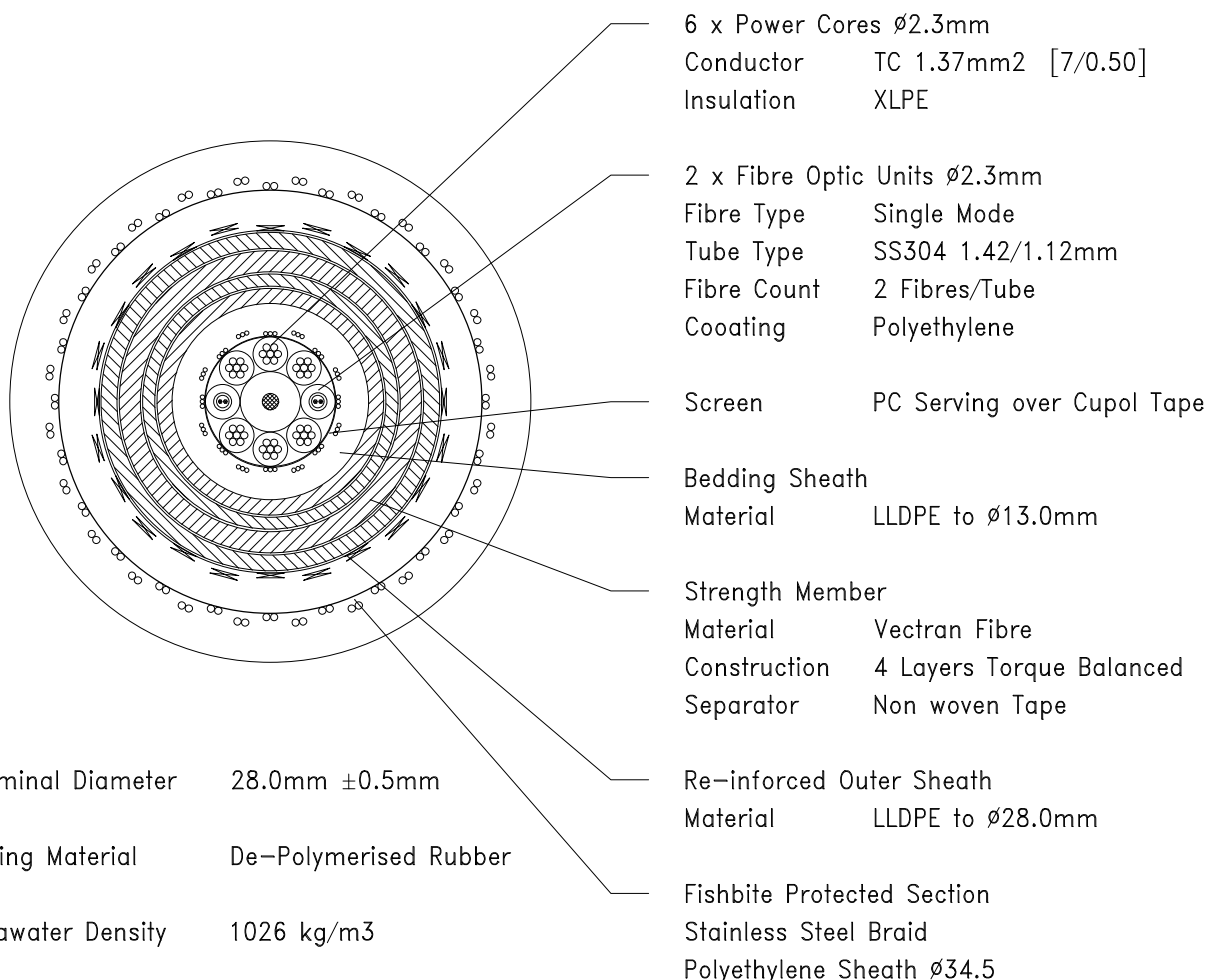
Direct: 713-466-6821
Fax: 281-240-6601
Cell: 281-380-2709

Cable Specification Sheet

TITLE MOOS System Riser Cable

ART. No. 010 A 099 REV. 1B DATE 24/07/03 RFQ. :

Values are corrected for the overlength of the elements.



Electrical Properties :

Components	Rcond	Rinsul 500V DC	Voltage Rating U ₀ /U	High Volt DC Test V ₀ /V
	Ohm/km	Mohm.km	kV	kV
PC 1.37 mm ²	15	> 3000	0.5/0.5	5/5

Properties – Fishbite Protected Section

Nominal Diameter	34.5 mm
Length	700 m
Weight in Air	1170 kg/km
Weight in Sea	210 kg/km

Mechanical Properties : Riser Cable

Breaking strength	Bending radius	Specific Density	Weight calculated	
minimum	dynamic	calculated	air	seawater
kN	mm	SG	kg/km	kg/km
245	500	–	700	65

Optical Properties :

Component	Mode	Dispersion 1300/1550 pS/nm.km	Attenuation 1300/1550 dB/km
9.5/125/250	single	3/18	0.5/0.3

Drawn by: Phil Roscoe **Approved by:** *DRAFT for INFO* **Scale** N.T.S.