

- Budgetary Quotation # 11572 -

Ocean Design is pleased to offer the following quotation:

Date: 9-Aug-07
To: MBARI
Attn: Mr. Gene Massion
Re: Hydrophone Array Backbone

The following pricing includes Ocean Design's standard Factory Acceptance Testing (FAT) in accordance with our latest FAT procedures.

Budgetary Quotation 11572				Conn/Assy Qtys		MBARI	
Item	No. of Line Items	Unit	ODI Assembly Part Number (Type Designation)	Qty Per Line Item	TOTAL QTY	Line Item Unit Price	Line Item Total Price
OPTION 1 - JIC Fitting For Instrument Connection							
1	1	24-Way (18 Used) EBCONN Manual Mate In-Line Cable End Plug (Pins) with Moulding Sleeve, PARTS ONLY - Titanium CP, Gr2 Shell	Similar to 1021589 (EBC-106-01)	1	1	\$5,192	\$5,192
2	1	Hydrophone Backbone Jumper, consisting of:				\$54,907	\$54,907
2.1	1	24-Way EBCONN (18 Used) Manual Mate Cable End Receptacle (Sockets) with Straight Integral Hose Termination - Titanium CP, Gr2 Shell	Similar to 1021599 (EBC-108-01)	1	1		
2.2	1	Hose Assembly #1, 50m x 18-Way Fluid Filled		1	1		
2.3	1	Hose Assembly #2, 50m x 16-Way Fluid Filled		1	1		
2.4	1	Hose Assembly #3, 50m x 14-Way Fluid Filled		1	1		
2.5	1	Hose Assembly #4, 50m x 12-Way Fluid Filled		1	1		
2.6	1	Hose Assembly #5, 50m x 10-Way Fluid Filled		1	1		
2.7	1	Hose Assembly #6, 50m x 8-Way Fluid Filled		1	1		
2.8	1	Hose Assembly #7, 50m x 6-Way Fluid Filled		1	1		
2.9	1	Hose Assembly #8, 50m x 4-Way Fluid Filled		1	1		
2.10	7	Hydrophone Junction Box Node Assemblies, consisting of:					
2.10.1	1	1 In / 2 Out Junction Box with Bulkhead JIC Male & 1' Wire Pigtails at Breakout Side - Titanium CP, Gr2 Shell		7	7		
2.10.2	1	1' Wire Pigtails		7	7		
2.11	1	Hydrophone Junction Box End Assembly, consisting of:					
2.11.1	1	1 In / 1 Out Junction Box with Blanking Cap, Bulkhead JIC Male & 1' Wire Pigtails - Titanium CP, Gr2 Shell		1	1		

		OPTION 2 - ROV Connector For Instrument Interface					
3	1	24-Way (18 Used) EBCONN Manual Mate Cable End Plug (Pins) with Moulding Sleeve, PARTS ONLY - Titanium CP, Gr2 Shell	Similar to 1021589 (EBC-106-01)	1	1	\$5,192	\$5,192
4	1	Hydrophone Backbone Jumper, consisting of:				\$86,730	\$86,730
4.1	1	24-Way EBCONN (18 Used) Manual Mate Cable End Receptacle (Sockets) with Straight Integral Hose Termination - Titanium CP, Gr2 Shell	Similar to 1021599 (EBC-108-01)	1	1		
4.2	1	Hose Assembly #1, 50m x 18-Way Fluid Filled		1	1		
4.3	1	Hose Assembly #2, 50m x 16-Way Fluid Filled		1	1		
4.4	1	Hose Assembly #3, 50m x 14-Way Fluid Filled		1	1		
4.5	1	Hose Assembly #4, 50m x 12-Way Fluid Filled		1	1		
4.6	1	Hose Assembly #5, 50m x 10-Way Fluid Filled		1	1		
4.7	1	Hose Assembly #6, 50m x 8-Way Fluid Filled		1	1		
4.8	1	Hose Assembly #7, 50m x 6-Way Fluid Filled		1	1		
4.9	1	Hose Assembly #8, 50m x 4-Way Fluid Filled		1	1		
4.10	7	Hydrophone Junction Box Node Assemblies, consisting of:					
4.10.1	1	1 In / 2 Out Junction Box - Titanium CP, Gr2 Shell		7	7		
4.10.2	1	4-Way ROV Bulkhead Fixed Receptacle (Sockets) - Titanium CP, Gr2 Shell	1013629 (ROV-023-01-4)	7	7		
4.11	1	Hydrophone Junction Box End Assembly, consisting of:					
4.11.1	1	1 In / 2 Out Junction Box with Blanking Cap - Titanium CP, Gr2 Shell		1	1		
4.11.2	1	4-Way ROV Bulkhead Fixed Receptacle (Sockets) - Titanium CP, Gr2 Shell	Similar to 1013629 (ROV-023-01-4)	1	1		
5	8	4-Way ROV Cable End Plug (Pins) with 90° JIC Hose Termination and 15' Wire Pigtails - Titanium CP, Gr2 Shell	Similar to 1013710 (ROV-061-01-4-4)	1	8	\$3,107	\$24,856
		OPTION 3 - Manual Mate Connector For Instrument Interface					
6	1	24-Way (17 Used) EBCONN Manual Mate Cable End Plug (Pins) with Moulding Sleeve, PARTS ONLY - Titanium CP, Gr2 Shell	Similar to 1021589 (EBC-106-01)	1	1	\$5,192	\$5,192
7	1	Hydrophone Backbone Jumper, consisting of:				\$72,617	\$72,617
7.1	1	24-Way EBCONN (17 Used) Manual Mate Cable End Receptacle (Sockets) with Straight Integral Hose Termination - Titanium CP, Gr2 Shell	Similar to 1021599 (EBC-108-01)	1	1		

7.2	1	Hose Assembly #1, 50m x 17-Way Fluid Filled		1	1		
7.3	1	Hose Assembly #2, 50m x 15-Way Fluid Filled		1	1		
7.4	1	Hose Assembly #3, 50m x 13-Way Fluid Filled		1	1		
7.5	1	Hose Assembly #4, 50m x 11-Way Fluid Filled		1	1		
7.6	1	Hose Assembly #5, 50m x 9-Way Fluid Filled		1	1		
7.7	1	Hose Assembly #6, 50m x 7-Way Fluid Filled		1	1		
7.8	1	Hose Assembly #7, 50m x 5-Way Fluid Filled		1	1		
7.9	1	Hose Assembly #8, 50m x 3-Way Fluid Filled		1	1		
7.10	7	Hydrophone Junction Box Node Assemblies, consisting of:					
7.10.1	1	1 In / 2 Out Junction Box - Titanium CP, Gr2 Shell		7	7		
7.10.2	1	3-Way EBCONN Manual Mate Bulkhead Fixed Receptacle (Sockets) - Titanium CP, Gr2 Shell	Similar to 1043139 (EBC-085-01-3)	7	7		
7.11	1	Hydrophone Junction Box End Assembly, consisting of:					
7.11.1	1	1 In / 2 Out Junction Box with Blanking Cap - Titanium CP, Gr2 Shell		1	1		
7.11.2	1	3-Way EBCONN Manual Mate Bulkhead Fixed Receptacle (Sockets) - Titanium CP, Gr2 Shell	Similar to 1043139 (EBC-085-01-3)	1	1		
8	8	3-Way Manual Mate EBCONN Cable End Plug (Pins) with Moulding Sleeve, PARTS ONLY - Titanium CP, Gr2 Shell		1	8	\$1,952	\$15,616
		Total for Option 1 (JIC)					\$60,099
		Total for Option 2 (ROV)					\$116,778
		Total for Option 3 (Manual Mate)					\$93,425

Note: 1. ODI has ignored deployment considerations for the purposes of this budgetary quotation. ODI Standard Mechanical Interfaces assumed as given in ODI Document No. 53152 Revision A.

Delivery General Arrangement Drawings available within 4 Weeks After Receipt of Order. Product Delivery to commence within 16 Weeks After Receipt of Customer Approval of General Arrangement Drawings.

Point of Delivery Ex-Works, Ocean Design Inc, Daytona Beach, Florida

Payment Terms Discount 0.5%-10, Net 30 Days From Date of Invoice

Customer Supplied Material Customer Supplied Material (CSM) is required 6 weeks prior to delivery. Please note that ODI reserves the right to ship in place, transfer title of goods, and invoice for any items which may be withheld from dispatch pending delivery of CSM and/or authorization.

Price includes Certificate of Conformity. Standard QC documentation is provided in electronic format. Paper copies are subject to an additional charge.

Customer Witness/Third Party Inspection may be subject to an additional delivery time and charges at time of order. Please contact ODI for information.

Please Note:- Orders for ROV product resulting from this quotation shall be delivered with ODI's new ROV handle per the attached sketch SK9471.

This Quotation, valid for 30 days, is subject to Ocean Design, Inc. Standard Terms and Conditions of Sale/Rev B - dated 01-May-2004 - that are available on request or from the Sales and Service page of our website at www.odi.com.

Sincerely,
 For Ocean Design, Inc.

Jon A. Rinkenberger, Cost and Pricing Analyst

Handle Configuration for all ROV Products that may be referenced by this Quotation

