OREGON STATE UNIVERSITY
REQUEST FOR QUOTE (RFQ)

		ISSUE DATE:	10/19/12
RFQ #	**BT161921Q**	**RFQ DUE DATE:**	**10/25/12 2PM**
DELIVER TO:		**REQUESTED BY / RETURN QUOTE TO:**	
DEPARTMENT:	Ship Operations	**NAME:**	Bonnie Tufts
ADDRESS:		**E-MAIL:**	Bonnie.Tufts@oregonstate.edu
CITY, STATE ZIP:	Newport, OR 97365	**TELEPHONE:**	541-737-7353
REQUIRED DELIVERY DATE:	Complete 12/7/12	**FAX:**	541-737-2170

Public Address system for the R/V Oceanus per specifications in Attachment A.

Delivery is f.o.b. destination, prepaid and allowed. Shipping, freight and handling must be included in quoted prices. Additional costs for such are disallowed.		**TOTAL**	
DELIVERY TIME AFTER RECEIPT OF ORDER:		**PRICES VALID THROUGH:**	

SPECIAL INSTRUCTIONS:	**VENDOR INFORMATION:**	
1. Unless otherwise specified, all items quoted are to be new, unused and not remanufactured in any way. 2. Brand names are for the purpose of describing and establishing the characteristics desired and are not intended to limit or restrict competition. Quoters may submit quotes for substantially equivalent products unless the RFQ provides that a specific brand is necessary because of compatibility requirements, etc. All such brand substitutions shall be subject to approval by OSU. 3. Quoters must clearly identify all products quoted. Brand name and model or number must be shown. 4. Only documents issued as addenda by OSU serve to change the RFQ in any way. 5. OSU reserves the right to make the award by item, partial or whole lots, groups of items or entire quote, whichever is in the best interest of OSU. 6. OSU may reject any Quote not in compliance with the RFQ, attachments, and addenda, or if it is in the best interest of OSU.	**COMPANY:**	
	ADDRESS:	
	CITY, STATE, ZIP:	
	CONTACT NAME:	
	E-MAIL:	
	TELEPHONE:	
	FAX:	
	VENDOR SIGNATURE: *By signature below the undersigned certifies that they are authorized to act on behalf of the quoter and will comply with all aspects of the quote herein.*	
	SIGNATURE:	
	NAME/TITLE:	

This procurement is subject to the indicated Oregon State University Standard Terms and Conditions for: ☒ Goods ☐ Services ☐ Purchase Order Construction ☐ Software. The indicated terms and conditions may be viewed at http://pacs.oregonstate.edu/terms-and-conditions

ATTACHMENT A

Statement of Work
Public Address System for R/V OCEANUS

1. General: A public address system shall be installed on the R/V OCEANUS, a 177 ft. research vessel operated by Oregon State University. Work will consist of supplying all required equipment including control panel(s), amplifiers, speakers with associated volume controls, speakers including waterproof exterior units, cabling, and other equipment as required; installation of the complete system including running cable as required; system documentation; and the final checkout, startup, and demonstration to operating personnel of the system.

2. Owner Furnished Equipment and Services: OSU will provide watertight bulkhead fittings where required for the installation. The needs for these will be identified at least one week prior to the commencement of work. The contractor will endeavor to utilize existing fittings to the extent possible. OSU will provide a single source of 24 Vdc power in the area of the ship's radio room for the system supply. It is possible that up to 12 each 15 watt paging horns and 6 each 30 watt paring horns from the R/V WECOMA (installed in 2005) may be made available. The proposal shall indicate if you will consider a price reduction, per usable horn once you have an opportunity to inspect their condition.

3. System Equipment: The equipment provided shall be of reasonable commercial quality and shall meet USCG requirements for shipboard use as applicable.

3.1 Control Panel: The main control panel shall be located in the Pilothouse and shall provide for the control of all speakers as identified on the attached "R/V OCEANUS Public Address System Locations" list. Note that the control panel is to allow an "all call" to all speakers on the system or the selection of only those speakers in working spaces (i.e., not berthing areas). A second control station shall be installed in the Mess Deck and allow the same control as in the pilothouse. The system shall be arranged such that the Pilothouse speaker is muted when the system is activated from the pilothouse and the mess deck speaker when activated from the mess deck so as to avoid acoustic feedback. Small and simple is desired for the control panels since space is limited.

3.2 Remote Speakers: Speakers shall be located as identified on the attached list. Speakers shall be of good quality and suitable for the rigors of shipboard use. This is particularly the case with the three external ("Weather Deck") speakers, which need to be quite rugged to withstand the rain, wind, salt spray and mechanical abuse they will be subject to. Each speaker shall have a means of adjusting the maximum volume; this means shall not be easily accessible but shall be used for initial setup. Speakers in machinery spaces shall have sufficient volume to be heard over typical underway ambient noise. Two additional speakers shall be provided for use in temporary laboratory or berthing vans places on the vessel. These speakers shall include a weatherproof receptacle mounted on the aft bulkheads of the house on the 01 and Main Deck levels and mating plugs on the end of 30-foot long cables suitable for outdoor use. It is desirable that the plugs and cables be reasonably small to allow them to be passed though 4-inch diameter "mouse holes" in the vans.

3.3 Amplifier(s): The amplifier(s) shall be located either in the Radio Room on the bridge deck level or one deck down in the Electronics Laboratory area. Power shall be from the ship's uninterruptable 24 Vdc system in the Radio Room.

4. Installation: The work shall include the installation of the complete system with the limited exceptions noted in paragraph 2.0 above. In general, cables may be run in existing wire ways above the "false overhead" in the vessel. Junction boxes will be provided and installed as required. Junction boxes and cables shall be marked as to their purpose and their locations identified in the system documentation provided. The ship will provide assistance in penetrating watertight boundaries whether through existing fittings ("Roxtec" fittings) or by installing new fittings.

5. Place of Work: All work will be done onboard the R/V OCEANUS at OSU ship operations dock in Newport, OR. It is expected that the work will be completed by December 7, 2012 with scheduling arranged directly with ship ops.

6. Pricing: Pricing to include all parts, equipment, labor, training, and all applicable per diem expenses.

R/V OCEANUS Public Address System Locations

Speaker Locations	Significant Ambient Noise	All Station	Work Space
Fore Deck (Wx Dk)	No	X	X
Pilot House*	No	X*	X
Electronics Laboratory	No	X	X
01 Deck Aft (Wx Dk)	No	X	X
01 Deck Mach. Sp.	Yes	X	X
Laundry Room	No	X	X
Main Deck Passageway	Yes	X	X
Generator Room	Yes	X	X
Mess Deck*	No	X*	X
Main Lab forward	No	X	X
Main Lab aft	No	X	X
Aft Deck (Wx Dk)	No	X	X
Bow Thruster Room	Yes	X	X
Engine Room	Yes	X	X
Lower Berthing forward	No	X	
Lower Berthing aft	No	X	X
Winch Room	Yes	X	X
Steering Gear Room	Yes	X	X
Van receptacle – 01 Deck	No	X	
Van receptacle – Main Deck	No	X	X

* Note requirement in paragraph 3.1 for the speakers in these areas to be squelched when an announcement is made from the space.