

## JUSTIFICATION FOR SOLE SOURCE/BRAND NAME SOLE SOURCE <\$150K

PLEASE FILL IN ALL APPLICABLE BLOCKS BELOW.  
A NARRATIVE MUST BE ADDED TO ALL APPLICABLE SECTIONS.

|  |   |  |
|--|---|--|
| <b>PO Number:</b>  |   |  |
| The effort listed on this form is for: ( <u>please mark one</u> ):             | <input checked="" type="checkbox"/> Supply      | <input type="checkbox"/> Service               |
| The material and/or service listed on this form is ( <u>please mark one</u> ): | <input checked="" type="checkbox"/> Sole Source | <input checked="" type="checkbox"/> Brand Name |

**Restricted to the following source or manufacturer:**

- Manufacturer/Source: RBR Ltd
- POC and Phone Number: Chris Kontoes, 1-613-599-8900, rbr-global.com
- Address: 5-95 Hines Road, Ottawa, Ontario Canada

**Description of the item(s) or service(s) required and the estimated cost(s):**

| Item# | MFG Name | MFG Part#              | Description   | Qty | U/I | Unit Price | Ext Price |
|-------|----------|------------------------|---|-----|-----|------------|-----------|
|       | RBR Ltd  | SL002-H310-sT302-sP301 | RBRduet T.D dual-channel temperature and depth logger | 15  |     |            |           |
|       | RBR Ltd  | 0002384                | RBR Solo cae (fits 15 compact loggers)                | 1   |     |            |           |
|       | RBR Ltd  |                        | shipping  |     |     |            |           |

1. List the Required Delivery Date (RDD) or Period of Performance (POP): 15 July 2016
2. Specify characteristics of the material or service that limit the availability to a sole source/brand product (unique features, function of the item, etc.). Describe in detail why only this source/brand can furnish the requirements to the exclusion of other sources/brands.

Market research results show that RBR makes the smallest instrument of this type which is critical to successful deployment of the instruments using a small unmanned surface vessel (USV) such as Wave Glider. In comparison to similar products available from Valeport (miniCTD) and Seabird (SBE39), the RBR Duet TD instrument is nearly half the weight and more streamlined in design which is critical to reducing drag while being towed as an array of instruments behind a small USV. From our own experience, RBR oceanographic instruments are also known to have high quality, performance and reliability.

3. Indicate if the requested material or service represents the minimum requirements of the Government.  

These logger meet the minimum requirements of the Government

4. Indicate if the material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed/performing. Describe the equipment/function you have now and how the new item/service must coordinate, connect or interface with the existing system.

Sensor must be able to record time-stamped seawater temperature and depth (pressure) measurements in a small form factor. Recorder dimensions should not exceed 1-inch diameter, 10-inches in length and should weigh less than 5-oz (in air). This small form factor is required to minimize drag while being towed behind an unmanned surface vessel (USV) as an array. The sensor should have a 1000m depth rating, be able to store 12-million samples and sample at 2Hz.

5. Does a patent, copyright or proprietary data limit competition? No

6. Are the items "direct replacement" parts/components for existing equipment? If so, provide the information about the Next Higher Assembly (NHA)/equipment which the replacement parts are going into (e.g., description, model, part number, Original Equipment Manufacturer (OEM), etc.).

Not a direct replacement

7. Provide any additional information to support a sole source/brand name sole source procurement. The rationale must justify "either" substantial duplication of cost to the Government that is not recovered through competition or unacceptable delays in fulfilling the mission of the agency.

Logging sensors of this size are not available elsewhere. The Government could not design and manufacture these at competitive pricing or have them available in time for the project.

**TECHNICAL OR REQUIREMENTS CERTIFICATION**

I CERTIFY THAT THE STATEMENTS CHECKED, AND INFORMATION PROVIDED ABOVE ARE COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THE PROCESSING OF THIS SOLE SOURCE/BRAND NAME SOLE SOURCE JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.



**CONTRACTING OFFICER APPROVAL:**

