

## **BRAND NAME JUSTIFICATION AND APPROVAL FOR ACQUISITION UNDER THE SIMPLIFIED ACQUISITION THRESHOLD**

**1. Contracting Agency and Activity.** The Department of the Interior, United States Geological Survey, Reston Acquisitions Branch, Reston, VA, plans to contract on a brand name basis. This document sets forth the justification and approval as required by FAR 13.-501(a)(1) Commercial Items "Sole Source (including brand name) Acquisition".

**2. Nature of Action Being Approved.** The USGS – Woods Hole Coastal & Marine Science Center (WHSC) requests a new brand name procurement of a Teledyne RESON SEABAT T20-P multibeam echo sounder and associated hardware for a dual head installation. This requirement is for a firm-fixed price award with no option years required.

**3. Description of Supplies or Services.** Teledyne RESON offers a dual head configuration for their SEABAT T20-P multibeam echo sounder system, expanding the capabilities of the SEABAT T20-P single head installation that was purchased by the USGS WHSC in 2014 (G14PD00643) at a cost of \$101,100 for the SEABAT T20-P, and \$4,311.00 for the accompanying software. The original purchase also included four different licenses at no charge with one year of free maintenance. This additional SEABAT T20-P will cost \$99,800.00, and approximately \$58,000 to include the license bundle that is no longer complimentary, as well as the mounting bracket required to configure the dual-head system, and maintenance agreement.

**4. Estimated Dollar Value.** The estimated dollar value is \$158,048.00.

**5. Statutory Authority.** The proposed action may be awarded on a sole source basis under the authority of FAR 13.-501(a)(1) Commercial Items "Sole Source (including brand name) Acquisition".

**6. Rationale Supporting Use of Citation in No. 5.** The USGS already owns and operates a Teledyne RESON T20-P echo sounder in a single head installation. In order to convert this single head installation into a dual head configuration, an additional SEABAT T20-P echo sounder unit and supporting hardware must be purchased. Other vendor's echo sounder products will not meet this requirement as they have their own acquisition and hardware/software that differs significantly from the hardware/software utilized to run the current SEABAT T20-P installation. Thus, other vendor's products would be incompatible with the current SEABAT T20-P hardware/software, rendering it impossible for the USGS to configure a dual head T20-P using our current single head T20-P equipment. Purchasing additional equipment of the same brand name product will enable WHSC personnel to operate a dual head SEABAT T20-P multibeam echo sounder during field programs.

**7. Other Information.** None

**8. The Efforts to Identify Additional Sources Including the Market Research Conducted.** Competition for this requirement will be sought among Teledyne RESON SEABAT T20-P re-sellers.

The only other vendors that make this type of echosounder are R2Sonic (r2sonic.com), and Kongsberg Simrad. Neither of which can provide an echosounder of similar frequency range (200-400 kHz) that is compatible with

