

**LIMITED SOURCES JUSTIFICATION AND APPROVAL**  
**For Orders or BPAs established under Federal Supply Schedules**

PR No: 0040339048

Solicitation No.: R17PS01126

Project Name: Survey Equipment Upgrade for Facilities Engineering Group

In accordance with FAR 8.405-6, the proposed contractual action is pursuant to the statutory authority under the Multiple Award Schedule Program [Title III of the Federal Property and Administrative Services Act of 1949 (41 U.S.C. 251, et seq.) and Title 40 U.S.C. 501, Services for Executive Agencies].

1. **Agency and Contracting Activity.** *Department of the Interior, Bureau of Reclamation, Yuma Area Office.*
2. **Nature/Description of Action.** *The Yuma Area Office, Facilities Engineering Survey Section, needs to replace the existing survey grade GPS equipment. The existing survey equipment was purchased back in 2012 to replace the existing Trimble equipment to meet the new FCC narrowband radio frequency mandate. Our current equipment has been in constant use since 2012. The existing equipment is at the end of its useful lifecycle and is basically a generation behind the currently available equipment. The existing equipment has required frequent repairs and various screens and interfaces are becoming more difficult to utilize. Purchase is being made utilizing FY2017 funds for a firm fixed price Delivery Order.*
3. **Description of Supplies/Services.** *The survey equipment includes a new total station survey instrument to replace an existing Topcon Total Station that was originally purchased in 2006. Purchase includes survey grade GPS equipment, i.e., receivers, radios, base stations, handheld data collectors, etc., associated warranty and maintenance agreements, access software and the ancillary non-IT related hardware (i.e. cases, cables, tripods, brackets, etc.).*
4. **Authority/Justification Rationale and Demonstration of Contractor's Unique Qualifications.** *(Check one)*

	FAR Coverage	Application
<input type="checkbox"/>	FAR 8.405(a)(1)(i)(A)	An urgent and compelling need exists, and following the ordering procedures would result in unacceptable delays. This would be for an immediate need.
<input type="checkbox"/>	FAR 8.405-6 (a)(1)(i)(B)	Only one source is capable of responding due to the unique or highly specialized nature of the supplies or services.
<input type="checkbox"/>	FAR 8.405-6 (a)(1)(i)(C)	In the interest of economy and efficiency, the new work is a logical follow-on to an original Federal Supply Schedule order provided that the original order was placed in accordance with the applicable Federal Supply Schedule ordering procedures. The original order or BPA must not have been previously issued under sole-source or limited-sources procedures.
<input checked="" type="checkbox"/>	FAR 8.405-6(b)(1)	Brand name specifications shall not be used unless the particular brand name, product, or feature is essential to the Government's requirements, and market research indicates other companies' similar products, or products lacking the particular feature, do not meet, or cannot be modified to meet, the agency's needs.

- a. **Justification.** *Although there are a number of manufacturers of survey equipment, as discovered in our market research, we purchased Trimble Survey Grade GPS equipment back in 2012 to meet the new FCC frequency requirements. The replacement equipment upgraded our then existing Trimble Survey Grade GPS equipment. A determination was made at that time to purchase Trimble since (1) we had been successfully using Trimble equipment previously; (2) Trimble equipment was compatible with the Hy-Pack survey equipment and software that is being used on the Area Office's current dredge. Additional training or 3<sup>rd</sup> party software may be required to utilize other survey equipment with the Hy-Pack dredge survey suite; (3) we will be able to salvage and utilize some of 2012 purchased Trimble equipment in certain situational survey applications that did not require sending out a signal and totally phase out any remaining pre-2012 Trimble equipment; and (4) we currently own the necessary software to fully utilize the capabilities of the Trimble Survey Grade equipment. Purchasing a different brand of equipment will require ensuring compatibility to work with our current dredge Hy-Pack survey equipment hardware and software; (2) costs associated with required training on operation and maintenance on the new equipment; (3) may require the purchase of additional peripherals (data processing software) due to non-compatibility with the Hy-Pack dredge survey and at an additional cost of \$1,000 to \$2,500 depending on the brand of survey equipment; and a field learning curve on the operation and maintenance of the new equipment.*
5. **Best Value Determination.**
  - a. **Price Reduction:** *GSA has already made a determination of fair and reasonable prices for the items (products); thus, no further determination is required.*
  - b. **Price Reduction:** *A price reduction will be requested prior to issuing the Delivery Order. Additionally, an opportunity for trade-in value may be available to reduce overall cost.*
6. **Description of Market Research.** *Market research was performed May of 2017 by the Technical Rep via internet search of survey equipment manufacturers showed that there are a number of survey equipment suppliers that have the capabilities of providing equipment of similar quality and capability (i.e. Topcon, Leica, Sokkia, etc.), but would require additional time, effort, and may require the purchase of additional ancillary items to make them fully functional within YAO. This would be an additional expense associate with training on the new equipment and possibly new operational software that would need to be purchased and maintained. Other sources cannot guarantee the equipment would be compatible with the dredge Hy-pac hardware and software.*
7. **Any Other Supporting Facts.** *None.*
8. **Actions Taken to Remove Barriers to Competition.** *As noted under Item 6, market research was performed to find other GSP Survey equipment which would provide fully functional equipment and compatible with the dredge Hy-pac hardware and software; however, attempts have not been successful.*

**REQUESTING OFFICE REPRESENTATIVE CERTIFICATION:** *All supporting data provided and the contents of this justification are complete and accurate to the best of my knowledge and belief. (FAR 6.303-2(c)) (All Values) Please remove all signature blocks that do not apply to this action.*

Date:

Type Name: *Michael Igoe, Signature:***MICHAEL IGOE**

Digitally signed by MICHAEL  
IGOE  
Date: 2017.08.24 09:41:35  
-07'00'

Requesting Office Representative

**CONTRACTING OFFICER (CO) CERTIFICATION: ( $\leq$  \$25K)**

Date:

*08/24/17*

Type Name:

*MYRA CORPADO*

Signature:

Contracting Officer

**CHIEF of the CONTRACTING OFFICE CONCURRENCE (CCO): ( $>$  \$25K)**

Date:

*8/24/17*

Type Name:

**Beverly K. Nelson**

Signature:

Chief of Contracting Office