

# SOLICITATION AMENDMENT



## I. AMENDMENT

<b>SOLICITATION NO.</b> <b>246548</b>	<b>SOLICITATION DATE</b> July 17, 2012	<b>AMENDMENT NO.</b> <b>4</b>	<b>AMENDMENT DATE</b> August 2, 2012
<b>ISSUED BY AND RETURN TO:</b> Washington River Protection Solutions, LLC P.O. Box 850 Richland, WA 99352 Attn: Robin Steen (509) 376-5577 (tele) Robin_M_Steen@rl.gov (e-mail)		<b>DUE DATE</b> This amendment does not change the date by which offers are due unless a date and time is inserted below.	
		<b>DATE</b>	<b>TIME</b>

### DESCRIPTION OF AMENDMENT

- **The Price Proposal Form is revised to include an additional work activity description (Update Drawings).**
  - **Questions w/ Answers and Clarifications are posted below.**
1. **Q.** SOW Section 2.1, page 1, 3<sup>rd</sup> paragraph – During subsurface investigations to determine ground bearing capacity and ground or slope stability, will the use of GPR be limited to detection of underground utilities or unknown objects to be used in conjunction with soil sampling data during evaluation by the civil or geotechnical engineer? Or, is it expected that the GPR data provide compaction, density or other soil condition factors in addition to the utility/object location information above to support of the engineering evaluation?
 

**A.** *The GPR is used to determine underground structures, unknown objects or voids. The soil density and load bearing capacity is based on physical testing. The GPR indications may also be used to determine the soil “condition factors” to support the engineering evaluation and recommendations.*
  2. **Q.** SOW Section 3.0, page 2 – Paragraph states that “all GPR surveys shall be performed under the supervision of a Registered Professional Engineer.” Supervision could range from full time on-site supervision to programmatic oversight supervision and deliverable review. “ Please clarify the level of supervision expected. Additionally, will use of other types of subsurface investigation equipment require PE supervision?
 

**A.** *Use the WQAC code definition for the supervision requirements of the RPE. The intent is that all subsurface investigations be performed under the supervision of the RPE.*
  3. **Q.** SOW Section 3.1, page 3 – Ground bearing capacity for crane placement and ground slope stability may be required. Please provide additional detail of scope of work since this is not typical of Subsurface Investigations, civil surveying, and Dome Load Surveying services.
 

**A.** *Soil bearing capacity is determined by physical testing in conjunction with the GPR data. Slope stability based on the berm slope and the crane surcharge. As an example, crane outrigger load in the range of 150,000 lb on a 4’ X 4’ pad placed x feet from the edge of a slope of X to Y.*

4. **Q.** SOW Section 3.2.4, page 4 – First bullet requires a horizontal sensitivity of “3.0 second of arc” Should this be 0.3 second of arc as required in Section 3.2.1, Pre-Survey Planning, above? Please clarify.

**A.** *Section 5.0 of this SOW refers to RPP-26516 and RPP-25782 for dome surveys. The requirements for the equipment are detailed in these two documents. The horizontal angular accuracy is 3.0 seconds of arc and compensator setting accuracy of +/- 0.3 seconds. Section 3.2.1 should say 3.0 seconds arc.*

5. **Q.** SOW Section 3.2.4, page 5 - Paragraph states that Tank Dome Surveys are to be performed on a 2 or 3 years +/- 2 month frequency. The referenced RPP procedures indicate a +/-4 month window. Is the intent of the SOW to require a tighter window on timing for these surveys than specified in the procedure?

**A.** Yes.

6. **Q.** SOW Section 4.0, page 8 – Regarding updated civil site plans and crane route maps, are updated maps required for every civil survey, scanning, and ground stability activity or only occasionally. Please clarify if costs should be estimated separately on the price proposal form for updating drawings.

**A.** *Only occasionally. Yes, updated drawings should be a separate cost. See revised Price Proposal Form.*

7. **Q.** Price Proposal Form – Since crew size can vary by task or type of equipment used (i.e. GPR versus Electromagnetic scanning) and the considerations of WRPS support personnel, please clarify basis of crew size.

**A.** *It is the Offeror's responsibility to determine the number of personnel required to perform each work description including any ancillary support (project management, administrative, quality, etc). Offerors technical proposal shall state their determined maximum field crew size for each work description that is indicated on the price proposal form. The Offeror's maximum field crew size description shall include all labor categories of individuals (part-time, full-time, support personnel, etc) that would be working on the work description at any one time. WRPS will review the proposed crew size for adequacy.*

It is understood that field crew size may fluctuate with particular work demands. Offerors must price the risk associated with crew size fluctuation accordingly and include that in their price proposal. It should be noted that only one price per work description will be accepted by WRPS

8. **Q.** Q&A # 10 – The answer to Q&A #10 indicates a requirement for a Geodetic Engineer. However, Section 3.1 was revised from requiring a geodetic engineer to requiring a civil or geotechnical engineer. Please clarify requirement since this is not typical of scanning and surveying services.

**A.** *Please see the response to question No.3 above.*

9. **Q.** Qualification Standards – The qualification standards contain no minimum requirements for the position of Project Manager. Could you clarify the minimum experience requirements for this key position?

**A.** No minimum requirements are being stipulated in this solicitation for the position of Project Manager.

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Except as provided herein, all terms and conditions of the solicitation remain unchanged and in full force and effect.

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**II. ACKNOWLEDGMENT OF AMENDMENT**

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Offerors must acknowledge receipt of this amendment in writing, by the date and time specified for proposal submissions or the revised Due Date above (if revised), whichever is later. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE DESIGNATED LOCATION BY THE SPECIFIED DATE AND TIME MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you wish to change your offer, such change must make reference to the solicitation and this amendment.

<b>NAME AND ADDRESS OF OFFEROR</b>	<b>NAME OF SIGNER</b>
	<b>TITLE OF SIGNER</b>
<b>OFFEROR</b> ( <i>Signature of person authorized to sign</i> )	<b>DATE</b>

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