



## **REQUEST FOR PROPOSAL (RFP) – INSTRUCTIONS**

**RFP 2019-306**

### **Irradiated Steel Shipping Plan**

TerraPower (referenced as the “Company” hereafter) requests your proposal in response to the following documents:

- Statement of Work (SOW) (draft)
- Specification (Spec) (if any)
- Purchase Order Terms and Conditions, including Required Flowdowns

Proposal selection will focus on the bidder’s team capability to address all areas of the statement of work, specification (if any), and supplier proposed schedule.

The purpose of the work is to plan and ship a quantity of neutron irradiated steel from the BOR60 test reactor (433510, Ulyanovsk region, Dimitrovgrad, Zapadnoye Shosse, 9, Russia) (RIAR) to a domestic U.S. entity still to be determined. For the purposes of the RFP, assume the US receiving location to be Los Alamos National Laboratory (Bikini Atoll Rd., SM 30, Los Alamos, NM 87545).

This request for proposal is for work to be executed in two phases. Phase 1 is to develop a Transportation Plan based on the requirements and criteria provided by TerraPower. Phase 2 would be to implement the Plan.

The Plan shall be developed to optimize the transportation activity based on safety, schedule and overall cost, including costs that will be borne by RIAR, TerraPower, the receiving facility and the Transportation Supplier. The Plan shall include recommendations of the type of packaging, specific packaging, including availability and any licensing/certification requirements, transportation mode and logistics detail, including export/import requirements, total cost developed by WBS, and schedule, to ship up to 2500 grams of steel with maximum 1500 Ci of activity (estimated on May 2019) to the United States between December 2021 and December 2025. It is not required that a single package be used, if multiple-packages and/or shipments are shown to be optimal. More than one recommendation may be made to TerraPower for assessment.

The Company desires to select a bidder who demonstrates the ability to perform all of the activities called out in the attached scope of work.

The successful bidder will enter into an agreement with the Company. The Company’s format is provided and contains the Company’s terms and conditions, including any required flowdowns, and the requirements associated with workscope and pricing.

Bidder is requested to provide pricing for the required scope of services, fixed for Phase 1 and estimated as fixed for Phase 2.



## SCHEDULE

Date	Activity
November 13, 2019	Request for Proposal (RFP) Release
December 16, 2019	Last Day for Bidder Questions
December 17, 2019	Last Day for TerraPower to Provide Answers to Questions
December 18, 2019	Proposals Due. Supplier proposal packages must be uploaded to Bonfire by December 18 2019, 5:00 PM, PST.
December 2019	Estimated Expected Award Date

## PROPOSAL FORMAT

Proposals shall be submitted in the volumes as shown below. Please provide all volumes as separate documents along with an executive summary (also separate, as an attachment to your submittal letter).

### Executive Summary

Include as a minimum: brief statement of the major issues, background information, concise analysis and recommendations and approach.

### Volume I – Firm Experience, Management & Operations

Volume I shall describe the firm’s experience, management and other organization elements that would be in place to support work the Statement of Work. Include as a minimum:

1. Organization chart of the management, technical and support team applicable to the Statement of Work; include all sub-tier suppliers and locations/facilities.
2. Staffing plan for key individuals, Full-time-equivalent (FTE) personnel per month, if applicable.
3. Staffing plan for non-key individuals (by classification), FTE per month, if applicable.
4. Level of participation anticipated by the Company’s technical personnel to support the SOW activities.
5. Resumes (2-page format) of the key management and support organization personnel (attachments).
6. Provide examples of experience with similar projects in scope, size, complexity, etc.
7. Provide customer references.

### Volume II – Technical

Volume II shall address the technical aspects related to Supplier’s approach envisioned to respond to the SOW. Include as a minimum:



1. The technical approach envisioned to perform the SOW for Phase 1 and Phase 2; highlight any prior/relevant experience.
2. Schedule, draft, summary/high-level, for Phase 1 and Phase 2.
3. Work Breakdown Structure (WBS), draft, for Phase 1 and Phase 2.
4. Description of facility and equipment capabilities to be applied to the SOW activities.
5. Resumes (2-page format) of the key technical team (attachments); highlight relevant experience.
6. Requested changes, if any, to the SOW and Spec (attachment, markup/red-line).

### **Volume III – Business & Contract**

Volume IV shall contain the pricing and business proposal to support the SOW. Company requests a firm-fixed price agreement. As such, Volume IV shall include the following:

1. Price for Base Scope activities – Fixed price for Phase 1 and fixed price estimate for Phase 2 (see above).
2. Break out pricing for the activities in Phase 1 and Phase 2 (if applicable).
3. Acceptance of TerraPower Purchase Order Terms and Conditions and Required Flowdowns.
4. List and describe any exceptions to the terms and conditions and provide, as an attachment, any changes (markup/redline) to the document required to address each exception for consideration.
5. Complete and return Request for Proposal Form 1 and Form 2.

### **ALTERNATIVE APPROACHES**

Company will consider ideas and/or recommendations for alternative approaches that will improve the project/program in meeting its specified goals. Please provide your inputs as appropriate in a separate attachment. Note that Company will be under no obligation to choose an alternative approach; however, they will be reviewed.

### **RESTRICTIONS**

Restrictions on end use of technology - if known, please inform Company of any government or other imposed conditions on the end use of the technology and final deployment of the fabricated equipment.

### **QUESTIONS AND CONTACTS**

Please provide (separately) any questions or comments on the RFP package and the process used for selection as per the BonFire schedule. Any questions can be directed to:

Sandy Lee, Senior Buyer/Contract Administrator  
(425) 324-2698  
[slee@terrapower.com](mailto:slee@terrapower.com)

Autumn Brown, Procurement Manager  
(425) 324-2683  
[abrown@terrapower.com](mailto:abrown@terrapower.com)



## PROPOSAL SELECTION CRITERIA

Bidder proposals will be reviewed for responsiveness to all elements of the RFP documents and Company plans to score proposals in accordance with the allocation shown in the table below. Company reserves the right to reject any or all proposals received, to make an award to other than the low cost proposal, to reject any proposal that is in any way incomplete or irregular, and to waive any informality or irregularity in any proposal received. Further, Company reserves the right in its discretion to modify its scoring allocation and selection process, and all determinations by Company will be final.

Category/item	Weight (max-points)
<b>General</b>	<b>Pass/Fail</b>
Responsiveness to RFP – Bidders must submit all proposal forms	
Document quality – references, support for claims	
On-time submittal	
<b>I - Management &amp; Operations</b>	<b>30</b>
Firm experience with similar projects	
Staffing, facilities/equipment, qualifications	
Management organization defined & adequate	
Technical staff defined and adequate	
Facilities and equipment capable of delivering the right product	
Plan and schedule	
Plan and schedule includes all deliverables and will meet end-goal	
Resource commitments identified and adequate	
<b>II – Technical</b>	<b>40</b>
Technical Approach	
Requirements understood & addressed	
Design/development approach is feasible	
Applicable technical experience highlighted in development approach	
Comments provided to SOW are substantive and supported	
<b>III - Business &amp; Contract</b>	<b>30</b>
Pricing	
Costs and estimates are reasonable and supported	
Delivery lead time to meet SOW Requirements	
Contract - acceptance of terms and conditions	
<b>TOTAL</b>	<b>100</b>



## DOCUMENTS AVAILABLE FOR DOWNLOAD

Ref. #	Document Number	Document Name	Revision	Release Date to Suppliers
1	N/A	Statement of Work (SOW)		Available
2	NRC 10CFR71	NRC Regulations Part 71 Packaging and Transportation of Radioactive Material		Available
3	N/A	Submittals Guide		Available
4	N/A	Guide to Supplier Coordination Requests		Available



## REQUEST FOR PROPOSAL FORM 1

### PROPOSAL PRICE OFFER

After careful review of all RFP documents and drawings, the Proposer shall furnish all services, labor, materials and equipment to complete the work as specified for the price below.

**Proposer shall submit pricing details on separate sheets of paper and attach all sheets to this form.**

Irradiated Steels Shipping Plan	
Phase 1 – Transportation Plan and Supporting Documents (fixed price)	\$
Phase 2 – Shipment Execution (fixed price estimate)	\$

#### Terms and Conditions

Do you accept TerraPower Purchase Order Terms and Conditions?       Yes    No

If No, list and describe any exceptions as an attachment with markup/redlines to the document for consideration. The Company will be under no obligation to accept the exceptions; however, they will be reviewed.

#### Payment Terms

Indicate payment terms below or attach on separate sheets of paper:




**Proposer or Authorized Representative:**

Signed this \_\_\_\_\_ day of \_\_\_\_\_ 2019

Company Name \_\_\_\_\_

Print Name & Title \_\_\_\_\_

Signature \_\_\_\_\_



**REQUEST FOR PROPOSAL FORM 2**

**PROPOSER INFORMATION AND SIGNATURE**

<b>Date:</b>	
<b>Principal Contact Person:</b>	
<b>Title:</b>	
<b>Telephone Number:</b>	
<b>E-Mail Address:</b>	
<b>Firm's Legal Name:</b>	
<b>Firm's Address:</b>	
<b>State of Incorporation and Date Established:</b>	

**Check all that apply:**

Firm's address is the following:  Main Office  Branch Office  Other: \_\_\_\_\_

Corporate structure:  Corporation  Partnership  Joint Venture  Sole Proprietorship  
 Other: \_\_\_\_\_

<b>Business Classification (check all that apply)</b>	<b>Federal Certified</b>	<b>State Certified</b>	<b>Self Certified</b>
Small Business (SB) (including ANC and Indian Tribes)			
Small Disadvantaged Business (SDB)			
Woman Owned Small Business (WOB)			
HUBZone Small Business (HUB)			
Veteran-Owned Small Business			
Service-Disabled Veteran-Owned Small Business			

Has your company been suspended or debarred from doing business with the U.S. Government?  
 Yes  No

Is your company registered in the System for Award Management (SAM)?  Yes  No





**Complete the following:**

<b>Former Firm Name (if any):</b>	
<b>Parent Company Name:</b>	
<b>Parent Company Address:</b>	
<b>Washington State Contractor Registration Number:</b>	
<b>Washington State Unified Business Identifier Number:</b>	
<b>Employment Security Department Number:</b>	
<b>Federal Tax Identification Number:</b>	
<b>DUNS Number:</b>	

**Certification**

The Bidder certifies that, to the best of his/her knowledge, the information presented in this Request for Quote is a statement of facts and that the firm has the financial capability to perform the work. The Bidder further certifies that it knows of no personal and/or organizational conflict of interest prohibited under federal, state and local law.

I certify/declare under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
City and State