



## REQUEST FOR PROPOSAL

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RFP Number: **2025-018702**  
RFP Title: **Instrumentation Capable Corner Marker Buoys and Moorings: PacWave South**  
Submittal Email: [bids@oregonstate.edu](mailto:bids@oregonstate.edu)

## INTRODUCTION

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Procurement, Contracts and Materials Management is seeking responsive responsible bidders to submit bids for the manufacture and delivery of instrumentation capable corner marker buoys including mooring systems, for the PacWave South test site.

## SCHEDULE OF EVENTS

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Issue Date: May 2nd, 2025 (5:00 pm, PT)  
Question Deadline: May 9th, 2025 (10:00 am, PT)  
**Closing: May 19th, 2025 (2:00 pm, PT)**

## OSU ADMINISTRATIVE CONTACT

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Name: Ben Baggett  
Title: PacWave Contract Officer  
E-Mail: [Benjamin.Baggett@oregonstate.edu](mailto:Benjamin.Baggett@oregonstate.edu)

Procurement, Contracts and Materials Management (PCMM) at Oregon State University (OSU) is the issuing office and is the sole point of contact for this Request for Proposal (RFP). Address all concerns or questions regarding this RFP to the OSU Administrative Contact identified above.

## I. GENERAL

### 1. BACKGROUND:

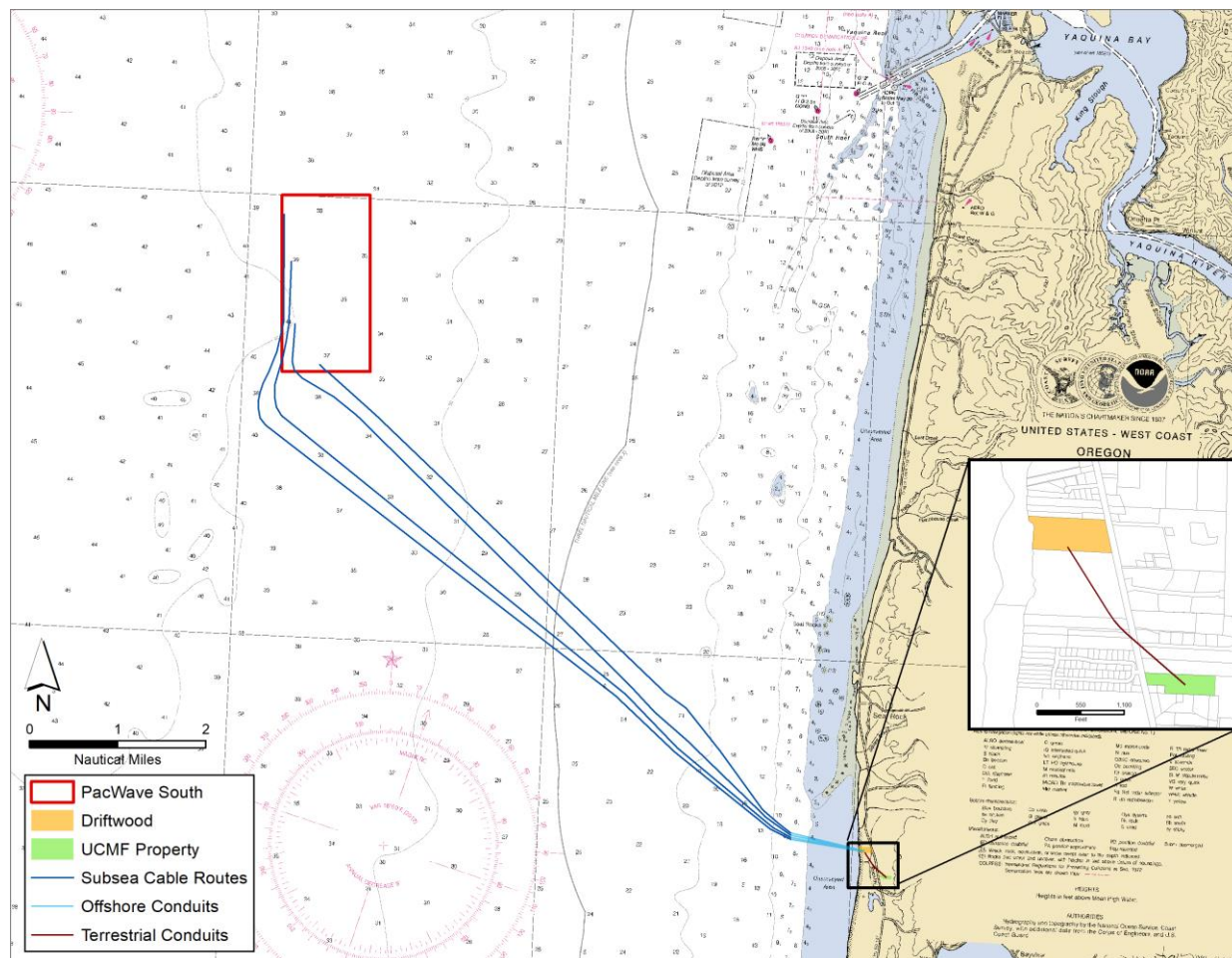
PacWave Project Summary. OSU and PacWave have been working since 2011 to develop PacWave South, an open ocean, wave energy test site near Newport, Oregon, to test the performance, environmental interactions, and survivability of wave energy converters ("WECs").

With support from the U.S. Department of Energy ("DOE") and other non-federal sources, OSU recently completed building PacWave South, the nation's first grid-connected, pre-permitted wave energy test facility ("PacWave" or "PacWave South" or "PacWave Project" or "Project") for the testing of utility scale WEC arrays. PacWave South will serve as an integrated research center, and as a training ground for future jobs in the ocean energy industry. For more information on PacWave, please visit [www.pacwaveenergy.org](http://www.pacwaveenergy.org).

This RFP addresses only the manufacture and delivery of Instrumentation Capable Corner Marker Buoys and Moorings for the test site portion of PacWave South. **This RFP scope does not include buoy and mooring installation services.**

The test site portion of PacWave South is located on the outer continental shelf in the Pacific Ocean, approximately 7 miles (11.3 km) off the coast, see Table 1 below. It features four pre-permitted, offshore test berths in up to 260 feet (80 m) of water. Each berth will be equipped with a dedicated subsea power cable for transmission of electric power from the berth to the shore-based Utility Connection and Monitoring Facility. The subsea cables make landfall through individual, pre-installed steel conduits at Driftwood Beach State Recreation Site.

**Table 1 – PacWave South Test Site**



## 2. OREGON STATE UNIVERSITY:

Founded in 1868 as Oregon's land grant institution, OSU serves the state, the nation, and the world as a premier 21st-century research university. OSU is committed to exceptional research, discovery, innovation, and engagement – and to integrating its research and engagement mission with the delivery of a high-quality, globally relevant, and affordable education for the people of Oregon and beyond. OSU is one of only three land, sea, space, and sun grant universities in the U.S. and is the only university in Oregon to have earned both Carnegie Classifications for Very High Research Activity and Community Engagement.

Through its centers, institutes, Extension offices and Experiment Stations, OSU has a presence in all of Oregon's 36 counties, including its main campus in Corvallis, the Hatfield Marine Sciences Center in Newport and OSU-Cascades Campus in Bend. OSU offers undergraduate, master's and doctoral degrees through 11 academic colleges enrolling more than 35,000 students from every county in Oregon, every state in the country and more than 105 nations.

OSU's 570-acre main campus is in the city of Corvallis, a vibrant college town of nearly 58,000 in the heart of Western Oregon's Willamette Valley. The campus is located within the traditional homelands of the Mary's River or Ampinefu Band of Kalapuya. Following the Willamette Valley Treaty of 1855 (Kalapuya etc. Treaty), Kalapuya people were forcibly removed to reservations in Western Oregon. Today, living descendants of these people are a part of the Confederated Tribes of Grand Ronde Community of Oregon and the Confederated Tribes of the Siletz Indians.

### **3. APPLICABLE REGULATIONS / JURISDICTION AND VENUE:**

This RFP is subject to the applicable provisions and requirements of the Oregon Revised Statutes, Oregon Administrative Rules, and OSU Policies and Procedures. OSU Standards 03-010 and 03-015 govern OSU's procurement activities. In case of confusion or dispute of a word or term used in this RFP, the definitions included in OSU Standards 03-010 and 03-015 control.

This RFP, and any dispute arising out of this RFP, shall be construed in accordance with, and governed by, the laws of the State of Oregon. Any other action to enforce any provision of this RFP or to obtain any relief from or remedy in connection with this RFP may be brought only in the Circuit Court of Oregon for Benton County.

## **II. INSTRUCTIONS TO PROPOSERS**

### **1. COMMUNICATIONS DURING RFP PROCESS:**

Proposers are prohibited from communicating about this RFP or award of a new contract with OSU employees, other than the OSU Administrative Contact, or any party in a position to create an advantage for the proposer or disadvantage for other proposers. This restricted period of communication begins on the date the RFP is issued and ends with the conclusion of the appeal period following notice of intent to award. This restriction does not apply to communications during a pre-proposal conference or other situations where the OSU Administrative Contact is present. A proposer who intentionally violates this requirement or otherwise benefits from such a violation by another party may have its proposal rejected due to failing to comply with all prescribed solicitation procedures.

### **2. QUESTIONS:**

Questions about this RFP must be sent via email and received by the OSU Administrative Contact no later than the question deadline indicated in the Schedule of Events on the first page of this RFP. OSU will consider all timely submitted questions and if appropriate either amend the RFP or answer questions through an addendum. Questions should be clearly marked with the RFP Number and Title.

### **3. ADDENDA:**

Only documents issued as written addenda by PCMM serve to change the RFP in any way. No other direction, written or verbal, serves to change the RFP. Addenda will be publicized on the OSU bid opportunities website. Proposers are advised to consult the OSU bid opportunities website prior to submitting a proposal to ensure that all relevant addenda have been incorporated into their proposal. Proposers are not required to submit addenda with their proposal however, proposers are responsible for obtaining and incorporating any changes made by addenda into their proposal. Failure to do so may make the proposal non-responsive, which in turn may cause the proposal to be rejected.

### **4. SIGNATURE:**

Any submittals that require signature must be signed, in ink or electronically, by an authorized representative with authority to bind the proposer. Proposer's signature certifies that the proposer has read, fully understands, and agrees to be bound by the RFP and all exhibits and addenda to the RFP.

### **5. PUBLIC RECORD:**

Upon completion of the RFP process, information in all proposals will become subject records that can be disclosed under Oregon Public Records Law. Oregon Revised Statute 192.345 contains exemptions from disclosure including "trade secrets", which may include, but are not limited to: any formula, plan, pattern, process, tool, mechanism, compound, procedure, production data, or compilation of information

which is not patented, which is known only to certain individuals within an organization and which is used in a business it conducts, having actual or potential commercial value, and which gives its user an opportunity to obtain a business advantage over competitors who do not know or use it. NOTE: Price is not considered a trade secret.

If a proposal contains "trade secrets" the proposer must only mark those sections of the proposal with the words "TRADE SECRET" prior to, and at the end of, the trade secret information; *provided*, that such mark shall not be sufficient to make any information a "trade secret." Only bona fide "trade secrets" may be exempt and only if public interest does not require disclosure. Marks or claims that the entirety of a proposal is "trade secret" or "confidential" WILL RESULT IN NONE OF THE PROPOSAL BEING TREATED AS SUCH.

#### **6. SUBMISSION:**

Proposers must submit their proposal as attachment(s) in an email to the [bids@oregonstate.edu](mailto:bids@oregonstate.edu) email address. Electronic versions must be sized appropriately for transfer (under 150 mb per email). Multiple emails may be sent to submit proposal attachments as necessary.

Proposals must be received, in their entirety, by PCMM no later than the closing date and time indicated in the Schedule of Events on the first page of this RFP. The email subject line must contain the RFP number and RFP title. It is the proposer's responsibility to ensure that the proposal is received prior to the closing date and time. Only those proposals received at the [bids@oregonstate.edu](mailto:bids@oregonstate.edu) email address by the closing date and time will be considered responsive. Do not email a copy of the proposal to any other OSU email addresses.

It is highly recommended that the proposer confirms receipt of the email with the OSU Administrative Contact noted in this RFP. The OSU Administrative Contact may verify receipt but will NOT verify the integrity of the attachment(s), answer questions related to the content of the proposal or address the overall responsiveness of the proposal.

#### **7. MODIFICATION:**

Modification of a proposal after submittal but prior to closing may be completed by submitting a written notice indicating the modifications and a statement that the modification amends and supersedes the prior proposal. After closing, proposers may not modify their proposal.

#### **8. WITHDRAWALS:**

A proposer may withdraw their proposal by submitting a written notice to the OSU Administrative Contact prior to the closing date and time. The written notice must be on the proposer's letterhead and signed by an authorized representative of the proposer.

## **9. LATE SUBMITTALS:**

Proposals and written notices of modification or withdrawal must be received no later than the closing date and time. For purposes of this RFP, the official date and time is the date and time that the email is received at the [bids@oregonstate.edu](mailto:bids@oregonstate.edu) email address. OSU may not accept or consider late proposals, modifications, or withdrawals except as permitted in OSU Standard 03-015, Sec 5.9. Sole responsibility rests with the proposer to ensure OSU's receipt of its proposal prior to closing. OSU shall not be responsible for any delays or misdeliveries caused by transmission errors, malfunctions, or electronic delays including those within OSU's network. IT IS THE PROPOSER'S RESPONSIBILITY TO ENSURE OSU HAS RECEIVED THE PROPOSAL BY CLOSING DAY AND TIME. Any risks associated with electronic transmission of the proposal are borne by the proposer.

## **10. PROPOSAL OPENING:**

Proposals will be opened immediately following the closing. Proposers may request to attend a virtual proposal opening which may be conducted via Zoom or other electronic meeting platform. Please inform the OSU Administrative Contact in advance if you would like to attend the proposal opening. Only the names of the proposers submitting proposals will be announced. No other information regarding the content of the proposals will be available.

## **11. PROPOSALS ARE OFFERS:**

The proposal is the proposer's offer to enter a contract pursuant to the terms and conditions specified in the RFP, its exhibits, and addenda. The offer is binding on the proposer for one hundred twenty (120) days. OSU's award of a contract constitutes acceptance of the offer and binds the proposer.

## **12. RIGHT TO REJECT:**

OSU may reject, in whole or in part, any proposal not in compliance with the RFP, exhibits, or addenda. OSU may reject all proposals for good cause, if OSU finds that it is in the public interest to do so. Notification of rejection along with appeal rights will be sent to proposers whose proposal is rejected.

## **13. PROPOSAL CANCELLATION:**

If an RFP is cancelled prior to closing, notification of cancellation will be sent, and all proposals already received will be deleted. If an RFP is cancelled after closing, or all proposals are rejected, the proposals received will be retained and become part of OSU's proposal file.

## **14. PROPOSAL PREPARATION COST:**

OSU is not liable for costs incurred by the proposer during the RFP process.

## **15. AWARD:**

Unless otherwise specified in the RFP, single or multiple contracts may be awarded as a result of this RFP. Award will be made to the highest ranked proposer(s) who, in OSU's

opinion, best meets the requirements and qualifications of the RFP. If issuing a single contract from this RFP to the highest ranked proposer, and contract negotiations are unsuccessful after award, OSU may conclude those contract negotiations, rescind its award to that proposer, and may award and begin negotiations with the next highest ranked proposer.

**16. APPROVALS:**

Contract award is subject to all required OSU approvals. OSU will have no obligation or liability whatsoever to the proposer selected as result of this RFP unless and until a contract satisfactory to OSU is approved and executed by both parties.

**17. PROPOSAL RESULTS:**

A written notice of intent to award will be issued to all responsive proposers along with appeal rights for aggrieved proposers. The proposal file will be available for responsive proposer's review during the appeal period. Proposers must make an appointment with the OSU Administrative Contact to view the proposal file electronically. After the contract is executed or RFP canceled, the file will be available by making a Public Records Request through OSU's Public Records Request process.

**18. CONTRACT REVIEW AND NEGOTIATION:**

Prior to execution of a contract, the contract may be reviewed and negotiated. This review may result in modifications of the applicable terms and conditions specified on OSU's website, in the RFP, exhibits, addenda, or those proposed by the proposer. OSU's negotiation of, or acceptance of alternate terms and conditions, is at OSU's discretion as may be in the best interest of OSU.

**19. INVESTIGATION OF REFERENCES:**

Upon OSU request and prior to Award, it is the Proposers' sole responsibility to provide References as described in the request. OSU reserves the right to investigate and to consider the references and the past performance of any proposer with respect to evaluation and determining proposer's responsibility. OSU may consider such things as proposer's past performance, provision of similar goods or services, compliance with specifications, contractual obligations, and its lawful payment of suppliers, subcontractors, and workers. Proposer's failure to provide References in a timely manner upon request may result in Proposer being non-Responsive and removed from consideration for Award.



### III. SCOPE OF WORK AND QUALIFICATIONS

#### 1. SCOPE OF WORK:

The Scope of Work is for manufacture and delivery of six (6) instrumentation capable corner marker buoys including mooring systems, for the PacWave South test site, that meet or exceed the following specifications:

	Description	Required "Y/N"
1.	<p>Quantity: Six (6) Special Dual-Purpose Buoys that include the following:</p> <ul style="list-style-type: none"> <li>- Modularity features to add power at a future date for sensor and data equipment /instrumentation integrations/upgrades for datalogger systems.</li> <li>- Mounting provisions for future solar panels.</li> <li>- Provision for connector installation, such that internal wiring is not disturbed when opening the endcap.</li> <li>- Mounting provisions for attachment of AIS beacon and Meteorological ("MET") Sensors (Airmar WX200 or similar)</li> <li>- Mounting provisions for future Seabird SeaCat16, and/or ADCP (Teledyne, Nortek, or similar)</li> <li>- Non- magnetic construction to not interfere with ADCP internal compass</li> <li>- Provisions for pinniped exclusion and haul out deterrence.</li> <li>- Navigational Marker Buoy Features to identify Test Site area.</li> <li>- Buoys must properly function in all sea-state events for extended 1.5-year continuous deployments off the central Oregon coast with any future sensor and data equipment/instrumentation fully installed.</li> <li>- Minimum Specifications:               <ol style="list-style-type: none"> <li>1. Remain buoyant and upright in seas up to 40 ft significant wave height.</li> <li>2. Remain buoyant and upright in winds up to 30 kts gusting.</li> <li>3. Surface Buoy, hull 61" diameter x 24" height</li> <li>4. Persist for up to one year of field deployment without need for servicing.</li> <li>5. Must be an item that can be reused annually, with minor repair allowed for expected wear-and- tear.</li> <li>6. Must be able to be deployed and recovered using either a ship's A-frame or overboard crane with provisions for reinforced lifting points and tag line attachments for load control.</li> <li>7. Fabricated with mounting points for solar panels, meteorological sensors, sub-surface sensors and integrated radar reflector.                   <ol style="list-style-type: none"> <li>7a. Mounts for Seabird SeaCat CTD and Teledyne Workhorse ADCP integrated with sub surface frame.</li> </ol> </li> <li>8. Ability to stand up-right without the needed for support infrastructure, this is critical to minimize storage and transport footprint and to allow access to all surfaces of the buoy for repair, coatings application and instrumentation/cable installation.</li> <li>10. Aluminum Central well assembly 12" diameter</li> <li>11. 316 Stainless endcap and gasket for sealing well</li> <li>12. Aluminum Tower made from 6061-T6</li> <li>13. Aluminum 316L Stainless Steel Base.</li> <li>14. Tower painted with marine grade paint (Color – Yellow)</li> <li>15. Non-foul paint applied below water line</li> </ol> </li> </ul>	Y
2.	Quantity: Six (6) Solar Light (Carmanah M650h) with Attachments to integrate to above Buoy	Y
3.	Appropriate Mooring Hardware for each Buoy including mooring drawing and/or assembly instruction. Modeling data is optional.	Y
4.	Complete Delivery Received By Date (FOB Destination, Corvallis, OR) not later than July 1, 2025.	Y

BRAND NAME OR EQUAL: Any manufacturers' names, trade names, brand names, information, catalogue numbers or source links specified in this solicitation are listed to describe the specifications and characteristics of desired products. Bidders may offer any brand, for which they are an authorized representative, that meets or exceeds the specification unless specified as "NO SUBSTITUTE". If bids are based on equivalent products, bidder should include the offered brand and part number with the original bid. Bids that do not include the offered brand or part number may cause that line item to be non-responsive. Bids lacking any written indication of intent to provide an equivalent product will be received and considered in complete compliance with the specification as listed in the RFP.

## **2. SAMPLE CONTRACT:**

A sample contract containing contractual terms and conditions OSU must adhere to is included at Exhibit A.

## **3. MINIMUM QUALIFICATIONS:**

To qualify as a responsive proposer, the proposer needs to meet the minimum qualifications below.

	Description
1.	Proposer has been in business continuously under the same legal name for at least five years.
2.	Proposer provides examples of at least three separate successfully filled orders of buoys and moorings similar in scope to those requested in this solicitation. Proposer to include

## **4. PREFERRED QUALIFICATIONS:**

OSU will award additional points for proposers able to meet the preferred qualifications below.

	Description
1.	Proposer demonstrates current or past orders similar in scope to this solicitation for a minimum of three separate marine research platforms/sites.

## IV. SUBMITTALS AND EVALUATION

### 1. REQUIRED SUBMITTALS:

It is the proposer's sole responsibility to submit information in fulfillment of the requirements of this RFP. If submittals are not substantially compliant in all material respects with the criteria outlined in the RFP, it may cause the proposal to be deemed non-responsive.

Proposers must submit the following information:

Submittal Document	Check-off
Description of how the goods offered specifically satisfy the Scope of Work described in section III.	<input type="checkbox"/>
Detailed information about how the proposer meets the Minimum Qualifications described in section III.	<input type="checkbox"/>
Detailed information about how the proposer meets the Preferred Qualifications described in section III.	<input type="checkbox"/>
Complete and itemized pricing of the goods or services requested.	<input type="checkbox"/>
Exhibit B, Certifications	<input type="checkbox"/>

Proposers should submit the following information if they want a domestic preference:

Exhibit C, Domestic Preference	<input type="checkbox"/>
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### 2. EVALUATION STAGES:

The stages of review and evaluation are as follows:

a. Determination of responsiveness:

OSU will first review all proposals to determine responsiveness. Proposals that do not comply with the instructions, that are materially incomplete, that do not meet the minimum requirements, or that are submitted by proposers who does not meet minimum qualifications may be deemed non-responsive. Written notice will be sent to proposers whose proposal is deemed non-responsive identifying the reason. A proposer has the right to appeal the decision pursuant to OSU Standard 03-010, Sec. 5.17.

b. First Stage Evaluation:

Those proposals determined to be responsive will be evaluated using the required submittals. Proposals will be scored based on the evaluation criteria listed below. Scores will be used to determine proposers within a competitive range. The competitive range will be made of proposers whose individual scores, when viewed together, form a group of the highest ranked proposers above a natural break in the scores.

OSU reserves the right to ask follow-up questions of proposers during first stage evaluations. The questions will be for the purpose of clarification of information already contained in submittals and not be an opportunity to submit additional documentation or change existing documentation.

OSU may award after the first stage evaluation to the highest ranked proposer without moving on to the second stage evaluation. If this option is selected, written notice of intent to award the contract to the highest ranked proposer will be provided to all responsive proposers, or an award may be made directly without notice of intent in those instances of a single responsive proposer.

c. Second Stage Evaluation:

If award is not made after the first stage evaluation, OSU may choose any of the following methods in which to proceed:

- i. Issue an invitation to proposers within the competitive range requesting an interview, presentation, site visit or any other evaluative method that is relevant to the goods or services solicited in the RFP. Written invitations will contain the evaluation criteria and scoring that will be used by the evaluation committee.
- ii. Engage in discussions with and receive best and final proposals from all proposers in the competitive range or all proposers submitting responsive proposals. Discussions may be conducted for the following purposes:
  - Informing proposers of deficiencies in their initial proposals;
  - Notifying proposers of parts of their proposals for which OSU would like additional information; or
  - Otherwise allowing proposers to develop revised proposals that will allow OSU to obtain the best proposal based on the requirements set forth in this RFP.

The conditions, terms, or price of the proposal may be altered or otherwise changed during the course of the discussions provided the changes are within the scope of the RFP. Best and final proposals will be rescored based on the evaluation criteria listed below.

Points awarded in the first stage evaluation will not be carried to the second stage evaluation. If a second stage evaluation of all proposers does not produce an award that is in OSU's best interest, OSU may return to the first stage evaluation to advance additional proposers to a second stage evaluation.

d. Additional Stages of Evaluation:

If after completion of the second stage of evaluation, an award is not made, OSU

may add another stage of evaluation using any of the methods outlined in the second stage evaluation above.

### 3. EVALUATION CRITERIA:

Points will be given in each criteria and a total score will be determined. The maximum points available for each criterion are identified below.

<u>Evaluation Criteria</u>	<u>Maximum Points</u>
<u>Proposal relative to the Scope of Work</u>	<u>35</u>
<u>Proposals qualifications relative to the qualifications</u>	<u>40</u>
<u>Proposal delivery schedule relative to Scope of Work</u>	<u>20</u>
<u>Price of the goods or services*</u>	<u>20</u>
<u>Domestic Preference</u>	<u>10</u>
<b><u>Total Points Available</u></b>	<b><u>125</u></b>

\* Pricing Calculation:

The proposal that contains the lowest total price to OSU will receive the maximum number of price points. A proposal whose price is higher than the lowest submitted price will receive proportionately fewer price points, as demonstrated in the example below.

Proposer A's price is \$450 (the lowest)

Proposer A is awarded 20 price points (the maximum)

Proposer B's price is \$500

Proposer B is awarded 18 price points ( $450/500 \times 20$ )

In the event of a discrepancy between unit prices and extended (arithmetically calculated) prices, unit prices will prevail over extended prices.

**EXHIBIT A**  
**SAMPLE CONTRACT / TERMS AND CONDITIONS**

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*Sample Contract is appended as separate PDF attachment to this solicitation.*

**EXHIBIT B**  
**CERTIFICATIONS**

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By signature below the undersigned certifies that they are authorized to act on behalf of the proposer and agrees and certifies that:

- the proposer, to the best of the undersigned's knowledge, is not in violation of any Oregon tax laws described in ORS 305.380(4);
- they have read, understands and agrees to be bound by the RFP and all exhibits and addenda;
- the information provided is true and accurate, and that providing incorrect or incomplete information may be cause for rejection of the proposal or contract termination; and
- they will furnish the designated item(s) and/or service(s) in accordance with the RFP and the contract.

Signature:\_\_\_\_\_

Date:\_\_\_\_\_

Name:\_\_\_\_\_

Telephone:(\_\_\_\_)\_\_\_\_\_

Title:\_\_\_\_\_

Email:\_\_\_\_\_

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

Address, City, State, Zip:\_\_\_\_\_

## EXHIBIT C

### DOMESTIC PREFERENCE

Pursuant to 2 CFR 200.322, OSU is providing a preference, during proposal first stage evaluations, for the purchase, acquisition, or use of goods, products, or materials produced in the United States ("U.S. Materials".) In implementation of this regulation, OSU will grant 2 points, up to a maximum total of 10 points, for each item in which 100% U.S. Materials will be used. For purposes of this section: 1) "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States; 2) "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

To receive preference points during proposal first stage evaluations, proposers must provide a signed copy of Exhibit D certifying the below information with their proposal for any goods, products, or materials that are produced in the United States. Failure to include a signed copy of Exhibit D certifying the below information for U.S. Materials will result in not receiving domestic preference points.

Instructions:

1. If you are using 100% U.S. Materials in your proposal, enter Y in the right column.
2. If you are using a listed material in your proposal, but you are NOT using 100% U.S. Materials, enter N in the right column.
3. If you are NOT using a listed material in your proposal, enter N/A in the right column.

Materials	100% U.S. Materials Used (Y/N)
Iron	
Steel	
Non-ferrous metals (e.g., aluminum)	
Plastics and Polymer-based Products (e.g., polyvinyl chloride pipe)	
Cement	
Aggregates (concrete)	
Glass (including optical fiber)	
Lumber	

By signing below, the undersigned certifies and represents under penalty of perjury that they are authorized to act on behalf of the proposer, and that all the statements, certifications, representations, and other information supplied for Exhibit D are true and correct as of the date signed below.

Authorized Signature:\_\_\_\_\_

Date:\_\_\_\_\_

Signatory Name:\_\_\_\_\_

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