



**REQUEST FOR PROPOSAL
No. JF168453P**



**SINGLE NUCLEOTIDE POLYMORPHISM (SNP)
CHIP AND CUSTOM GENOTYPING ARRAY
SERVICES**

PROPOSAL DUE DATE AND TIME:

March 7, 2014 (3:00 PM, PT)

OSU Procurement, Contracts and Materials Management Offices are open from 8:00 am – 12:00 noon and 1:00 pm – 5:00 pm.
Offices are closed during the 12:00 noon – 1:00 pm lunch hour.

SUBMITTAL LOCATION:

Oregon State University
Procurement, Contracts and Materials Management
644 SW 13th Avenue
Corvallis, Oregon 97333

ELECTRONIC SUBMITTALS:

See Section 7.07 for instructions.

1.0 GENERAL

1.01 SCHEDULE OF EVENTS

- Issue Date February 17, 2014
- Deadline for Requests for Clarification or Change February 24, 2014 (3:00 pm, PT)
- Proposal Due Date and Time March 7, 2014 (3:00 pm, PT)

This Schedule of Events is subject to change. Any changes will be made through the issuance of Written Addenda.

1.02 PRE-PROPOSAL CONFERENCE

A Pre-Proposal Conference will not be held.

1.03 ISSUING OFFICE

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

1.04 SOLICITATION CONTACT

Name: James Figgins
Title: Purchasing Analyst III
Telephone: 541-737-6995
Fax: 541-737-2170
E-Mail: james.figgins@oregonstate.edu

1.05 DEFINITIONS

As used in this Request for Proposal, the terms set forth below are defined as follows:

- a. "Addenda" means an addition to, deletion from, a material change in, or general interest explanation of the Request for Proposal.
- b. "Exhibits" means those documents which are attached to and incorporated as part of the Request for Proposal.
- c. "Proposal" means an offer, binding on the Proposer and submitted in response to a Request for Proposal.
- d. "Proposer" means an entity that submits a Proposal in response to a Request for Proposal.
- e. "Proposal Due Date and Time" means the date and time specified in the Request for Proposal as the deadline for submitting Proposals.
- f. "Request for Proposal" (RFP) means a Solicitation Document to obtain Written, competitive Proposals to be used as a basis for making an acquisition or entering into a Contract when price will not necessarily be the predominant award criteria.
- g. "Responsible" means an entity that demonstrates their ability to perform satisfactorily under a Contract by meeting the applicable standards of responsibility outlined in OAR 580-061-0130.
- h. "Responsive" means a Proposal that has substantially complied in all material respects with the criteria outlined in the Request for Proposal.
- i. "Written or Writing" means letters, characters, and symbols that are intended to represent or convey particular ideas or meanings and are made in electronic form or inscribed on paper by hand, print, type, or other method of impression.

2.0 INTRODUCTION AND BACKGROUND

2.01 INTRODUCTION

Procurement, Contracts and Materials Management is seeking Responsive Responsible Proposers to submit Proposals for development of a Single Nucleotide Polymorphism (SNP) Chip and Custom Genotyping Arrays to support the research activities at the OSU College of Forestry.

2.02 BACKGROUND

Oregon State University's College of Forestry has been educating professionals for a century. We've earned a reputation as a world-class center of teaching and learning about forests and related resources. We offer undergraduate and graduate degrees in three departments, Forest Engineering, Resources & Management, Forest Ecosystems & Society, and Wood Science and Engineering. We also jointly offer several interdisciplinary programs. The services requested in this RFP is required to support the "Sustainable Biomass Production and Logistics to Support Liquid Transportation Industry in the Pacific Northwest" research study.

2.03 OREGON STATE UNIVERSITY

Founded in 1868, Oregon State University is a comprehensive, research-extensive, public university located in Corvallis. OSU is a member of the Oregon University System and one of only two American universities to hold the Land Grant, Sea Grant, Space Grant and Sun Grant designations. OSU is also the only Oregon institution to hold the Carnegie Foundation's top ranking for research universities, a recognition of the depth and quality of OSU's graduate education and research programs.

Through its centers, institutes, Extension offices and Experiment Stations, OSU has a presence in almost every one 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, masters and doctoral degrees through 12 academic colleges enrolling more than 25,000 students from every county in Oregon, every state in the country and more than 90 nations.

3.0 STATEMENT OF WORK

3.01 CONTRACT

The contract containing the Specifications/State of Work (Attachment A) and contractual terms and conditions is included at Exhibit A.

4.0 PROPOSER QUALIFICATIONS

4.01 MINIMUM QUALIFICATIONS

In order to qualify as a Responsive Proposer, the Proposer needs to meet the minimum qualifications below. After verification that the minimum qualifications have been met, OSU will award points based on the level of the Proposer's qualifications.

- a. At least five (5) years of providing array services.
- b. Ten (10) previous projects which included building SNP arrays.
- c. Five (5) previous projects performing SNP genotyping services.

4.02 PREFERRED QUALIFICATIONS

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

- a. Previous projects building and processing SNP genotyping arrays in conifer tree species.
- b. Previous projects building Affymetrix or Illumina SNP genotyping arrays.

5.0 SUBMITTALS

5.01 QUANTITY OF PROPOSAL

Submit one (1) electronic or hard copy via any of the methods detailed in Section 7.07 SUBMISSION. Proposals should contain original signatures on any pages where a signature is required (in the case of electronic submissions, scans of such pages should be included). Proposals should contain the submittals listed in this section below.

5.02 SUBMITTALS

It is the Proposer's sole responsibility to submit information in fulfillment of the requirements of this Request for Proposal. If pertinent information or requested submittals are not included within the Proposal, it may cause the Proposal to be rejected or have an adverse impact on evaluation. **Provide information addressing each area below in the order listed. Provide all signatures as requested.**

Proposers should submit the following information:

- Detailed information about how the Proposer meets the minimum qualifications detailed in section 4. At a minimum the Proposer should provide:
 - Company history depicting 5 years of providing services as described in this RFP.
 - Provide list showing ten (10) previous projects providing SNP arrays.
 - Provide list showing five (5) previous projects performing SNP genotyping services.
- Description of how the goods or services offered specifically meet the statement of work described in section 3.
 - Address all requirements stated in the Specifications/Statement of Work (Exhibit A, Attachment A). Specifically address the technical requirements and describe how your services fulfill these requirements.
- Detailed information about how the Proposer meets the preferred qualifications detailed in section 4.
 - List of previous projects building and processing SNP genotyping arrays in conifer tree species.
 - List of previous projects building Affymetrix or Illumina SNP genotyping arrays.
- Provide list of Key Personnel, per Exhibit A, Contract, Section 2.B.
- Exhibit B: Certifications, Signed and fully completed.
- Exhibit C: References, fully completed.
- Exhibit D: Pricing Sheet, fully completed. Pricing must incorporate all costs associated with delivering the data and software to OSU, including shipping, handling, insurance, and sales tax as applicable.

6.0 EVALUATION

6.01 EVALUATION

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 or are incomplete 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 OAR 580-061-130(5)(a).
- 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 in section 6.03. Scores will be used to determine Proposer's 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 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.

OSU reserves the right to ask follow-up questions during first stage evaluation to any or all Proposer's. These questions will be for clarifying proposals as submitted and shall remain within the intent of the RFP.

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 a Written 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 Request for Proposal. Written invitations will contain the evaluation criteria and scoring that will be used by the evaluation committee.
- ii. Engage in oral or Written 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 Request for Proposal.

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 Request for Proposal. Best and final Proposals will be scored based on the evaluation criteria listed below in section 6.03.

Points awarded in the first stage evaluation will not be carried to the second stage evaluation. Contract will be awarded to the Proposer who in OSU's opinion, best meets the requirements and qualifications of the RFP and OSU's needs.

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.

6.02 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>Points</u>
Proposal relative to the required Specifications/Statement of Work (Section 3)	45
Proposer's qualifications relative to the preferred qualifications (Section 4.02)	10
Price of the goods or services (Exhibit D)	45
Total	100

PRICING

The Proposer who proposes the lowest total cost to OSU will receive the maximum amount of price points. Proposer's whose cost is higher than the lowest will receive a fewer number of price points in a relational (proportional) manner as described below.

Example of pricing point's calculation:

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

Proposer A is awarded 45 price points (the maximum)

Proposer B's pricing is \$500

Proposer B is awarded 40.5 price points ($450/500 \times 45$)

6.03 NEGOTIATIONS

OSU may commence serial negotiations with the highest-ranked Proposer or commence simultaneous negotiations with all eligible Proposers. OSU may negotiate:

- a. The statement of work;
- b. The Contract price as it is affected by negotiating the statement of work; and
- c. Any other terms and conditions determined by OSU in its sole discretion to be reasonably related to those expressly authorized for negotiation. Accordingly, Proposers will not submit and OSU will not accept for negotiation, any alternative terms and conditions that are not reasonably related to those expressly authorized for negotiation.
- d. OSU reserves the right to make the Award to the second rank Proposer if negotiations with the highest-ranked Proposer fail to reach an acceptable conclusion.

Terms and conditions within the sample contract that are unrelated to the statement of work or Contract price may be negotiated after award, but before legal review or execution of the Contract.

6.04 INVESTIGATION OF REFERENCES

OSU reserves the right to investigate and to consider the references and the past performance of any Proposer with respect to such things as its performance or provision of similar goods or services, compliance with specifications and contractual obligations, and its lawful payment of suppliers, subcontractors, and workers. OSU further reserves the right to consider past performance, historical information and facts, whether gained from the Proposal, Proposer interviews, references, OSU or any other source in the evaluation process. OSU may postpone the award or execution of the Contract after the announcement of the notice of intent to award in order to complete its investigation.

7.0 INSTRUCTIONS TO PROPOSERS

7.01 APPLICABLE STATUTES AND RULES

This Request for Proposal is subject to the applicable provisions and requirements of the Oregon Revised Statutes, Oregon Administrative Rules, and OSU Policies and Procedures.

7.02 MANUFACTURER'S NAMES AND APPROVED EQUIVALENTS

Unless qualified by the provision "NO SUBSTITUTE" any manufacturers' names, trade name, brand names, information and/or catalogue numbers listed in a specification are for information and not intended to limit competition. Proposers may offer any brand for which they are an authorized representative, which meets or exceeds the specification for any item(s). If proposals are based on equivalent products, indicate in the proposal form the manufacturers' name and number. Proposers shall submit with their proposal, sketches, and descriptive literature, and/or complete specifications. Reference to literature submitted with a previous proposal will not satisfy this provision. Proposers shall also explain in detail the reason(s) why the proposed equivalent will meet the specifications and not be considered an exception thereto. Proposals that do not comply with these requirements are subject to rejection. Proposals lacking any written indication of intent to provide an alternate brand will be received and considered in complete compliance with the specification as listed in the RFP.

7.03 REQUESTS FOR CLARIFICATION OR CHANGE

Requests for clarification or change of the Request for Proposal must be in Writing and received by the Administrative Contact no later than the Deadline for Request for Clarification or Change as specified in the Schedule of Events. Such requests for clarification or change must include the reason for the Proposer's request. OSU will consider all timely requests and, if acceptable to OSU, amend the Request for Proposal by issuing an Addendum. Envelopes, e-mails or faxes containing requests must be clearly marked as a Request for Clarification or Change and include the RFP Number and Title.

7.04 ADDENDA

Only documents issued as Written Addenda by PCMM serve to change the Request for Proposal in any way. No other direction received by the Proposer, written or verbal, serves to change the Request for Proposal. PCMM will notify potential Proposers through publication of the Addenda on the OUS procurement website. If you have received a Request for Proposal you are advised to consult the OUS procurement website, prior to Proposal submittal, to ensure that you have not missed any Addenda. Proposers are not required to return Addenda with their Proposal. However, Proposers are responsible for obtaining and incorporating any changes made by the Addendum into their Proposal. Failure to do so may, in effect, make the Proposal non-Responsive, which may cause the Proposal to be rejected.

7.05 PREPARATION AND SIGNATURE

All Required Submittals must be Written or prepared in ink and signed in ink by an authorized representative with authority to bind the Proposer. Signature certifies that the Proposer has read, fully understands, and agrees to be bound by the Request for Proposal and all Exhibits and Addenda to the Request for Proposal.

7.06 PUBLIC RECORD

Upon completion of the Request for Proposal process, information in your Proposal will become subject records under the Oregon Public Records Law. Only those items considered a "trade secret" under ORS 192.501(2), may be exempt from disclosure. If a Proposal contains what the Proposer considers a "trade secret" the Proposer must mark each sheet of information as such. Only bona fide trade secrets may be exempt and only if public interest does not require disclosure.

7.07 SUBMISSION

Proposals must be received in the PCMM office no later than the Proposal Due Date and Time; it is the Proposer's responsibility to ensure that the Proposal is received prior to the Proposal Due Date and Time indicated in this RFP, regardless of the method used to submit the Proposal. Proposals may be submitted via the following method(s):

- 1) Electronic copy in PDF format included as attachment(s) in an e-mail sent to bids@oregonstate.edu. The e-mail subject line should contain the RFP No. and RFP title. Only those Proposals received at this e-mail address by the Due Date and Time will be considered Responsive; do not e-mail a copy of the Proposal to any other e-mail address. Proposals submitted directly to the Administrative Contact e-mail address will NOT be considered Responsive. It is highly recommended that a Proposer confirms receipt of the Proposal with the Administrative Contact noted above or by calling 541-737-4261. The Administrative Contact may open the e-mail to confirm 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.
- 2) Hard copy in a sealed package or envelope dropped off in person or delivered to the submittal location listed on the Request for Proposal cover sheet. The package or envelope should be addressed to the Administrative Contact. It is highly recommended that a Proposer confirms receipt of the Proposal with the Administrative Contact prior to the Proposal Due Date and Time.

All Proposals, including those submitted through electronic methods (if allowed), must contain Written signatures indicating intent to be bound by the offer. If the Proposer submits multiple versions of the Proposal

via different methods and does not explicitly direct OSU as to which version to use, OSU will determine which version of the Proposal will be used for evaluation.

7.08 MODIFICATION

Prior to submittal, Proposers should initial modifications or erasures in ink by the person signing the Proposal. After submittal but prior to the Proposal Due Date and Time, Proposals may be modified by submitting a Written notice indicating the modifications and a statement that the modification amends and supersedes the prior Proposal. After the Proposal Due Date and Time, Proposers may not modify their Proposal.

7.09 WITHDRAWALS

A Proposer may withdraw their Proposal by submitting a Written notice to the Administrative Contact identified in this Request for Proposal prior to the Proposal Due Date and Time. The Written notice must be on the Proposer's letterhead and signed by an authorized representative of the Proposer. The Proposer, or authorized representative of the Proposer, may also withdraw their Proposal in person prior to the Proposal Due Date and Time, upon presentation of appropriate identification and evidence of authority to withdraw the Proposal satisfactory to OSU.

7.10 LATE SUBMITTALS

Proposals and Written notices of modification or withdrawal must be received no later than the Proposal Due Date and Time (in the case of electronic submissions, the time/date stamp of the email received at the PCMM office must be no later than the Proposal Due Date and Time). OSU may not accept or consider late Proposals, modifications, or withdrawals except as permitted in OAR 580-061-0120. Sole responsibility rests with the Proposer to ensure OSU's receipt of its Proposal prior to the Proposal Due Date and Time. OSU shall not be responsible for any delays or misdeliveries caused by common carriers or by transmission errors, malfunctions, or electronic delays. Any risks associated with physical delivery or electronic transmission of the Proposal are borne by the Proposer.

7.11 PROPOSAL OPENING

Proposals will be opened immediately following the Proposal Due Date and Time at the Submittal Location. Proposer may 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.

7.12 PROPOSALS ARE OFFERS

The Proposal is the Proposer's offer to enter into a Contract pursuant to the terms and conditions specified in the Request for Proposal, its Exhibits, and Addenda. The offer is binding on the Proposer for one hundred twenty (120) days. OSU's award of the Contract constitutes acceptance of the offer and binds the Proposer. The Proposal must be a complete offer and fully Responsive to the Request for Proposal.

7.13 CONTINGENT PROPOSALS

Proposer shall not make its Proposal contingent upon OSU's acceptance of specifications or contract terms that conflict with or are in addition to those in the Request for Proposal, its Exhibits, or Addenda.

7.14 RIGHT TO REJECT

OSU may reject, in whole or in part, any Proposal not in compliance with the Request for Proposal, Exhibits, or Addenda, if upon OSU's Written finding that it is in the public interest to do so. OSU may reject all Proposals for good cause, if upon OSU's Written finding that it is in the public interest to do so. Notification of rejection of all Proposals, along with the good cause justification and finding of public interest, will be sent to all who submitted a Proposal.

7.15 AWARDS

OSU reserves the right to make award(s) by individual item, group of items, all or none, or any combination thereof. OSU reserves the right to delete any item from the award when deemed to be in the best interest of OSU.

7.16 LEGAL REVIEW

Prior to execution of any Contract resulting from this Request for Proposal, the Contract may be reviewed by a qualified attorney for OSU pursuant to the applicable Oregon Revised Statutes and Oregon Administrative Rules. Legal review may result in changes to the terms and conditions specified in the Request for Proposal, Exhibits, and Addenda.

7.17 PROPOSAL RESULTS

A Written notice of intent to award will be issued to all Proposers. The Proposal file will be available for Proposer's review during the protest period at the PCMM Department. Proposers must make an appointment with the Administrative Contact to view the Proposal file. After the protest period, the file will be available by making a Public Records Request to OSU Office of General Counsel.

7.18 PROPOSAL PREPARATION COST

OSU is not liable for costs incurred by the Proposer during the Request for Proposal process.

7.19 PROPOSAL CANCELLATION

If a Request for Proposal is cancelled prior to the Proposal Due Date and Time, all Proposals that may have already been received will be returned to the Proposers. If a Request for Proposal is cancelled after the Proposal Due Date and Time or all Proposals are rejected, the Proposals received will be retained and become part of OSU's permanent Proposal file.

7.20 PROTEST OF CONTRACTOR SELECTION, CONTRACT AWARD

Any Proposer who feels adversely affected or aggrieved may submit a protest within three (3) business days after OSU issues a notice of intent to award a Contract. The protest must be clearly identified as a protest, identify the type and nature of the protest, and include the Request for Proposal number and title. The rules governing protests are at OAR 580-061-0145.

**EXHIBIT A
SAMPLE CONTRACT**

This Contract is between the State of Oregon acting by and through the State Board of Higher Education on behalf of Oregon State University and its [Department's name] ("OSU"), and [Contractor's name] ("Contractor").

WHEREAS, OSU competitively solicited for the services outlined in this Contract under Request for Proposal, #JF168453P entitled Single Nucleotide Polymorphism (SNP) Chip and Custom Genotyping Array Services, and Contractor was selected as the Proposer best able to provide this service; and

WHEREAS, Contractor understands the requirements for the services outlined in this Contract, and is willing and able to provide, in accordance with the terms of this Contract, the services;

NOW, THEREFORE, OSU and Contractor agree as follows:

1. CONTRACT TERM AND TERMINATION:

A. CONTRACT TERM.

This Contract is effective on the date of last signature and expires twelve (12) months from that date. OSU has the option to extend the term of this Contract for five (5) additional one (1) year terms based on the current terms and conditions. OSU may exercise this option to extend by providing written notice to Contractor prior to the expiration of the Contract.

B. TERMINATION.

This Contract may be terminated at any time by mutual consent of both parties or by OSU upon thirty (30) days' written notice. In addition, OSU may terminate this Contract at any time by written notice to Contractor if (a) Federal or state statutes, regulations or guidelines are modified or interpreted in such a way that the services are no longer allowable or appropriate for purchase under this Contract; (b) any license or certificate required by law or regulation to be held by the Contractor to provide the services required by this Contract is for any reason denied, revoked, or not renewed; or (c) OSU fails to receive funding, appropriations, allocations or other expenditure authority as contemplated by OSU's budget and OSU determines, in its assessment and ranking of the policy objectives explicit or implicit in OSU's budget, that it is necessary to terminate the Contract, or (d) if the OSU program for which this Contract was executed is abolished.

OSU may also terminate this Contract at any time by written notice for default (including breach of contract) if (a) Contractor fails to timely provide services or materials called for by this Contract; or (b) Contractor fails to perform any of the other provisions of this Contract, or so fails to pursue the work as to endanger performance of this Contract in accordance with its terms and conditions, and after receipt of written notice from OSU, fails to correct such failures within ten (10) days. Termination of this Contract under this Section or any other section is without prejudice to OSU's other rights and remedies.

C. REMEDIES FOR CONTRACTOR'S DEFAULT.

In the event Contractor is in default (which includes without limitation, incomplete services), OSU may, at its option, pursue any or all of the remedies available to it under this Contract and at law or in equity, including, but not limited to: (a) rejection of the services, (b) requiring Contractor to correct any defects without charge, (c) negotiation with Contractor to sell the services to OSU at a reduced price, (d) termination of the Contract, (e) withholding all moneys due for the services Contractor has failed to deliver within any scheduled completion dates or has performed inadequately or defectively, (f) initiation of an action or proceedings for damages, specific performance, or declaratory or injunctive relief, or (g) exercise of its right of set off. These remedies are cumulative to the extent the remedies are not inconsistent, and OSU may pursue any remedy or

remedies singly, collectively, successively, or in any order whatsoever.

2. STATEMENT OF WORK:

A. REQUIRED SERVICES, DELIVERABLES AND DELIVERY SCHEDULE.

Contractor shall provide OSU with the following services during the Term of this Contract:

As stated in Attachment A.

B. KEY PERSONS.

Contractor and OSU agree that each individual specified below is an individual whose special qualifications and involvement in Contractor's performance of services form part of the basis of agreement between the parties for this Contract and is an individual through whom Contractor shall provide to OSU the expertise, experience, judgment, and personal attention required to perform services ("Key Person"). Each of the following is a Key Person under this Contract:

[List name and title and identify the specific services each Key Person is required to perform under this Contract.]

Neither Contractor nor any Key Person of Contractor shall delegate performance of services any Key Person is required to perform under this Contract to others without first obtaining OSU's written consent. Further, Contractor shall not, without first obtaining OSU's prior written consent, re-assign or transfer any Key Person to other duties or positions so that the Key Person is no longer available to provide OSU with that Key Person's expertise, experience, judgment, and personal attention. If Contractor requests OSU to approve a re-assignment or transfer of a Key Person, OSU shall have the right to interview, review the qualifications of, and approve or disapprove the proposed replacement(s) for the Key Person. Any individual OSU approves as a replacement for a Key Person is deemed a Key Person under this Contract.

C. ACCEPTANCE OF SERVICES.

Services furnished under this Contract are subject to acceptance by OSU. If OSU finds services furnished to be incomplete or not in compliance with the Contract, OSU, at its sole discretion, may either reject the services, require Contractor to correct any defects without charge, or negotiate with Contractor to reduce the price, whichever OSU deems appropriate under the circumstances. If Contractor is unable or refuses to cure any defects within a time deemed reasonable by OSU, OSU may pursue any of the remedies for Contractor's default detailed in that Section above.

D. BUSINESS REVIEWS.

Contractor will participate in Business Reviews as requested by OSU Procurement, Contracts, and Materials Management. Business Reviews will be scheduled by the Contract Administrator in OSU Procurement, Contracts, and Materials Management and will include attendance by OSU representatives, and Contractor's Regional Representatives. The reviews may include discussion of Contract terms and conditions, work performed under the Contract, financial data, proposal of Contract improvements for increased service or lower costs, and any potential changes to the Contract.

3. COMPENSATION:

The total amount available for payment to Contractor and for authorized reimbursement to Contractor is stated in Attachment B, Pricing.

A. METHOD OF PAYMENT FOR SERVICES.

OSU shall pay Contractor the amounts specified, in Attachment B, Pricing, for each of the deliverables that OSU has accepted:

B. BASIS OF PAYMENT FOR SERVICES.

OSU shall pay Contractor monthly progress payments upon OSU's approval of Contractor's invoice submitted to OSU for completed services, but only after OSU has determined that Contractor has completed, and OSU has accepted the completed services.

C. EXPENSE REIMBURSEMENT.

OSU will not reimburse Contractor for any expenses under this Contract.

D. INVOICES AND PAYMENT TO CONTRACTOR.

Contractor shall send invoices to OSU for services completed and accepted by OSU. Contractor shall include in each invoice:

- a. The Contract number;
- b. A description of services performed, including the dates services were performed, all deliverables delivered during the period of the invoices, the rate(s) for services performed, and the total cost of services;
- c. Itemization and explanation of all expenses for which Contractor claims reimbursement authorized under this Contract;
- d. The total amount due and the payment remittance address.

Contractor shall send all invoices to OSU's Department Administrator or to the Department to which the services were provided if a Department Administrator is not specified.

OSU shall pay Contractor for services performed at the prices and rates specified herein. Contractor shall look solely to OSU for payment of all amounts OSU owes to Contractor. Payment of OSU contracts is normally made within 30-45 days following the date the invoice is received. After 45 days, Contractor may assess overdue account charges up to a maximum of two-thirds of one percent (2/3 of 1%) per month or eight percent (8%) per annum on the outstanding balance pursuant to ORS 293.462.

4. INSURANCE:

A. GENERAL LIABILITY INSURANCE.

Contractor shall obtain, at Contractor's expense, and keep in effect during the term of this Contract, Commercial General Liability Insurance, including Products and Completed Operations coverage, with minimum limits of \$2 Million per occurrence and \$4 Million aggregate. Such insurance policy is to be issued by an insurance company authorized to do business in the State of Oregon with an A.M. Best rating of at least A-VII, or such other insurance carrier approved in writing, in advance, by OSU. OSU and the Oregon University System, their officers, employees and agents shall be included as additional insured in said insurance policy.

B. PROFESSIONAL LIABILITY INSURANCE.

Contractor shall obtain, at Contractor's expense, and keep in effect during the term of this contract, Professional Liability Insurance. Coverage limits shall not be less than \$2,000,000 per occurrence.

C. AUTOMOBILE LIABILITY INSURANCE.

Contractor shall obtain, at Contractor's expense, and keep in effect during the term of this contract, Automobile Liability Insurance. This coverage can be provided by combining the Automobile Liability Insurance with the General Liability Insurance. Coverage limits shall not be less than \$2,000,000 combined single limit per occurrence.

D. PROPERTY INSURANCE.

The Contractor must maintain Property Insurance during the term of the Contract that covers all

property used for Contract work and all Contractor-owned property that is stored at OSU.

E. PRIMARY COVERAGE.

Insurance carried by Contractor under this Contract shall be the primary coverage and OSU's insurance is excess and solely for damages or losses for which OSU is responsible.

F. WORKERS' COMPENSATION.

The Contractor, its subcontractors, if any, and all employers providing work, labor or materials under this Contract are subject employers under the Oregon Workers' Compensation law and shall comply with ORS 656.017, which requires them to provide workers' compensation coverage that satisfies Oregon law for all their subject workers, unless such employees are exempt under ORS 656.126.

G. CERTIFICATES OF INSURANCE.

As evidence of the insurance coverages required by this Contract, the Contractor shall furnish Certificate(s) of Insurance to the OSU Contract Administrator, upon request. The Certificate(s) will specify all of the parties who are Additional Insureds (or Loss Payees). Insurance coverages required under this Contract shall be obtained from acceptable insurance companies or entities. Contractor shall be financially responsible for all deductibles, self-insured retentions and/or self-insurance included hereunder.

H. NOTICE OF CANCELLATION OR CHANGE.

Contractor shall not cause or permit any cancellation, material change, potential exhaustion of aggregate limits or notice of intent not to renew insurance coverage(s) without 30 days' written notice from the Contractor or its insurer(s) to OSU's Contract Administrator. Any failure to comply with the reporting provisions of this insurance, except for the potential exhaustion of aggregate limits, shall not affect the coverage(s) provided to OSU.

5. INDEMNIFICATION:

A. INDEMNITY.

- a. Contractor shall indemnify and hold harmless OSU, the Oregon State Board of Higher Education and their respective officers, board members, employees, agents and other representatives against claims, expenses, or losses: (i) that result from Contractor's negligence, wrongful acts or willful misconduct, or (ii) alleging Contractor's services, information or materials supplied by Contractor to OSU under this Contract, or OSU's use of any of the foregoing infringes on any patent, copyright, trade secret, trademark, or other proprietary right of a third party.
- b. OSU's right to receive indemnification under this Section is conditioned upon OSU giving reasonably prompt notice and assistance of any claim; provided however, that OSU's failure to provide notice and assistance does not limit OSU's right to indemnification except to the extent such failure or assistance materially affects Contractor's ability to defend the claim.
- c. Contractor's indemnification obligation under this Section includes but is not limited to all of OSU's expenses of litigation, court costs and reasonable attorney fees.

B. DEFENSE.

- a. Contractor shall have control of the defense with counsel reasonably acceptable to OSU, except that: (i) OSU may join the defense with its own counsel and at its own expense if OSU determines there is a conflict of interest or there is an important government principle at issue, and (ii) OSU'S consent is required for any settlement that requires OSU to pay any money, does not release OSU from all liability from the claim, or adversely affects OSU's interest.

6. LAWS AND POLICIES:

A. APPLICABLE LAW; JURISDICTION AND VENUE.

- a. The laws of the State of Oregon (without giving effect to its conflict of laws principles or laws) govern all matters arising out of or relating to the Contract, including, without limitation, its validity, interpretation, construction, performance or enforcement. Any party bringing a legal action or proceeding against the other party arising out of or relating to this Contract shall bring the legal action or proceeding in the Circuit Court of Oregon for Benton County.
- b. Notwithstanding paragraph (a), if a legal action or proceeding must be brought in a federal forum, the party shall bring the legal action or proceeding in the United States District Court for the District of Oregon. This paragraph does not authorize Contractor to bring a legal action or proceeding against OSU in a federal forum except to the extent Congress has validly abrogated OSU's sovereign immunity. This paragraph is also not a waiver by OSU of any form of immunity, including without limitation sovereign immunity and immunity based on the Eleventh Amendment to the United States Constitution.
- c. Except as set forth in paragraph (b), the parties consent to in personam jurisdiction in the above courts and waive any objection to venue and any objection that the forum is inconvenient.

B. COMPLIANCE WITH APPLICABLE LAWS AND POLICIES.

- a. The parties shall at all times comply with all applicable federal, state and local laws, regulations, executive orders and ordinances pertaining to their respective businesses, products or services, employment obligations, and the subject matter of this Contract. The parties shall at all times comply with all applicable policies of the Oregon University System and OSU, including without limitation any such laws or regulations regarding employment discrimination. If this Contract is being funded with federal funds, Contractor agrees to comply with all applicable federal contracting statutes, regulations and policies.
- b. Without limiting the generality of the foregoing, Contractor expressly agrees to comply with the following laws, regulations and executive orders to the extent they are applicable to the Contract: (i) Titles VI and VII of the Civil Rights Act of 1964, as amended; (ii) Paragraphs 503 and 504 of the Rehabilitation Act of 1973, as amended; (iii) the Americans with Disabilities Act of 1990, as amended; (iv) Executive Order 11246, as amended; (v) the Health Insurance Portability and Accountability Act of 1996; (vi) the Age Discrimination in Employment Act of 1967, as amended, and the Age Discrimination Act of 1975, as amended; (vii) the Vietnam Era Veterans' Readjustment Assistance Act of 1974, as amended; (viii) ORS Chapter 659, as amended; (ix) the Family Educational Rights and Privacy Act of 1974, 20 U.S.C. § 1232g; (x) the Health Insurance Portability and Accountability Act requirements noted in OAR 125-055-0115; (xi) the Oregon Consumer Identity Theft Protection Act, ORS 646A.600-646A.628; (xii) all regulations and administrative rules established pursuant to the foregoing laws; and (xiii) all other applicable requirements of federal and state civil rights and rehabilitation statutes, rules and regulations. These laws, regulations and executive orders are incorporated by reference herein to the extent that they are applicable to the Contract and required by law to be so incorporated.

C. FEDERALLY REQUIRED PROVISIONS.

- a. Equal Employment Opportunity – Contractor shall comply with E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."
- b. Rights to Inventions Made Under a Contract or Agreement – If this Contract is for the

performance of experimental, developmental, or research work, the Federal Government and OSU have rights in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

- c. Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), as amended – If this Contract provides for payments in excess of \$100,000, Contractor shall comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et seq.). Violations shall be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).
- d. Byrd Anti-Lobbying Amendment (31 U.S.C. 1352) – Contractors who apply or bid for an contract of more than \$100,000 shall file a certification that it will not and has not used Federally appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Contractor shall require any subcontractor who applies or bids for subcontract in excess of \$100,000 to provide a similar certification to the next higher tier (Contractor or subcontractor as applicable). Each tier shall also disclose any lobbying with non-Federal funds in connection with obtaining any Federal award. Contractor or subcontractor must forward any disclosures from tier to tier up to OSU.
- e. Debarment and Suspension (E.O.s 12549 and 12689) - No contract shall be made to parties listed on the General Services Administration's List of Parties Excluded from Federal Procurement or Nonprocurement Programs in accordance with E.O.s 12549 and 12689, "Debarment and Suspension." This list contains the names of parties debarred, suspended, or otherwise excluded by agencies, and contractors declared ineligible under statutory or regulatory authority other than E.O. 12549. If this Contract is in excess of the small purchase threshold, Contractor hereby certifies they are not listed on the General Services Administration's List of Parties Excluded from Federal Procurement or Nonprocurement Programs.

D. PUBLIC RECORDS LAW NOTICE.

OSU advises Contractor that information OSU receives may be subject to public inspection under Oregon Public Records Law (ORS 192.410-192.505).

E. SAFETY AND HEALTH REQUIREMENTS/HAZARD COMMUNICATION.

Services supplied under this Contract shall comply with all federal Occupational Safety and Health Administration (OSHA) requirements and with all Oregon safety and health requirements, including those of the State of Oregon Workers' Compensation Division. Contractor shall notify OSU prior to using products containing hazardous chemicals to which OSU employees may be exposed. Products containing hazardous chemicals are those products defined by Oregon Administrative Rules, Chapter 437. Upon OSU's request, Contractor shall immediately provide Material Safety Data Sheets, as required by OAR 437-155-025, for the products subject to this provision.

F. EXPORT CONTROL.

Contractor acknowledges that OSU has students and faculty who are foreign nationals who may work with the services, product or technology received from Contractor pursuant to this Contract. Contractor represents that it has informed OSU in writing, prior to executing this Contract if it is providing OSU any product or technology subject to the U.S. Export Administration Act of 1979, the Export Administration Regulations and the International Traffic in Arms Regulations, and if so, under what Commerce Control List number(s) or U.S. Munitions List number(s) it is controlled.

G. FIREARMS POLICY.

The State Board of Higher Education has adopted a policy that prohibits Contractor and Contractor's employees, agents, and subcontractors from possessing firearms on Board-owned or Board-controlled property.

H. PARKING.

Contractors doing business on the OSU campus may be required to have a permit to park if utilizing restricted street parking or parking lots. Contractor parking permits may be obtained through OSU's Office of Transit & Parking Services.

I. SEXUAL HARASSMENT POLICY.

The State Board of Higher Education has adopted policies that prohibit sexual harassment of members of the OSU community and in keeping with those policies Contractor and Contractor's employees, agents, and subcontractors are prohibited from engaging in sexual harassment of members of the OSU community.

J. SMOKING POLICY.

OSU has adopted a policy that prohibits Contractor and Contractor's employees, agents, subcontractors from smoking on the OSU campus or other OSU owned property. The smoking prohibition includes all indoor and outdoor spaces.

K. WEBSITE ACCESSIBILITY.

If Contractor is designing or developing web page(s) for OSU under this Contract, Contractor shall design and develop (as applicable) the web page(s) in conformance with OSU's Policy on Information Technology Accessibility available at <http://oregonstate.edu/accessibility/ITpolicy>.

7. GENERAL TERMS AND CONDITIONS:

A. ORDER OF PRECEDENCE.

In the event of a conflict, all the terms and conditions of this Contract, its exhibits, and any amendments thereto supersede all terms and conditions on any forms used by the Contractor.

B. NO THIRD PARTY BENEFICIARY.

OSU and Contractor are the only parties to this Contract and are the only parties entitled to enforce its terms. Nothing in this Contract gives, is intended to give, or shall be construed to give or provide any benefit or right, whether directly, indirectly, or otherwise, to third parties

C. ASSIGNMENT/SUBCONTRACT/DELEGATION.

Contractor shall not assign, subcontract, delegate or otherwise transfer any of its rights or obligations under this Contract, without the prior written approval of OSU. Any assignment of rights or delegation of duties is prohibited under this Section, whether by merger, consolidation, dissolution, operation of law or any other manner. Any purported assignment of rights or delegation of duties in violation of this Section is void. OSU's consent to delegation does not relieve Contractor of any of its performance obligations.

D. WAIVER.

No waiver of an obligation under this Contract is effective unless it is in writing and signed by the party granting the waiver. No failure or delay in exercising any right or remedy, or in requiring the satisfaction of any condition under this Contract operates as a waiver or estoppel of any right, remedy or condition.

E. ACCESS TO RECORDS AND AUDIT.

Contractor shall maintain accurate books, records, documents, and other evidence (collectively,

“Records”) following accounting procedures and practices sufficient to reflect properly all costs of whatever nature claimed to have been incurred and anticipated to be incurred in the performance of this Contract. Contractor shall permit OSU, the Oregon State Board of Higher Education, Oregon Secretary of State, the federal government, and their duly authorized representatives to have access to the Records that are directly pertinent to this Contract for the purpose of conducting an audit, or other examination, or for creating excerpts or transcripts. Contractor shall maintain Records for OSU’s review for at least six years beyond the term of the Contract. Contractor shall promptly remedy any discrepancies involving deviation from the terms of this Contract and shall promptly reimburse OSU for any commitments or expenditures found by OSU to have been in excess of amounts authorized by OSU under this Contract.

OSU shall have the right to an independent third-party audit of the Contractor’s records associated with or related to the goods or services provided for under this Contract. OSU may request an independent third-party audit no more than one time per calendar year. OSU will determine the time-period that will be the subject of the audit. However, the entire term of the Contract, including the original term and any subsequent renewals or extensions, may be the subject of the independent third-party audit at any time. Contractor shall bear the full cost of such independent third-party audit.

F. GOVERNMENT EMPLOYMENT STATUS.

Contractor certifies that either (a) it is not currently employed by OSU, Oregon University System, or the federal government; or (b) if Contractor is so employed, Contractor has fully disclosed to OSU in writing such employment status, is in full compliance with any statutes, regulation, and OSU, Oregon University System, or the federal government policies regarding employee contracting, and agrees to indemnify and hold harmless OSU for any failure by Contractor to comply with such statutes, regulations, or policies.

G. INDEPENDENT CONTRACTOR STATUS.

The services to be rendered under this Contract are those of an independent contractor. OSU reserves the right (a) to determine and modify the delivery schedule for the services and (b) to evaluate the quality of the services; however, OSU may not and will not control the means or manner of Contractor's performance. Contractor is responsible for determining the appropriate means and manner of performing the services. Contractor is not an officer, employee or agent of OSU as those terms are used in ORS 30.265. Contractor has no authority to act on behalf of OSU and shall not purport to make any representation, contract, or commitment on behalf of OSU.

H. NOTICE.

- a. A party giving or making any notice, request, demand or other communication (each a “Notice”) pursuant to this Contract shall give the Notice in writing and use one of the following methods of delivery: personal delivery, United States Postal Service Registered or Certified Mail (return receipt requested and postage prepaid), overnight courier (with all fees prepaid), facsimile or e-mail to the other party’s address as listed on the signature page of this Contract. Notice to OSU is to be delivered to the Contract Administrator and Departmental Administrator except where this Contract expressly directs or permits delivery of Notice to a different Department.
- b. Notice is effective: (i) if given by facsimile, upon receipt by the sending party of an appropriate facsimile confirmation; (ii) if given by e-mail, by confirmation of receipt by return e-mail, which is not satisfied by an automatically-generated message that the recipient is out of the office or otherwise unavailable; or (iii) if given by any other means, when delivered at the address specified in this Section.

OSU Contract Administrator and:
OSU PCMM
ATTN: [Contract No.] Contract Administrator
644 SW 13th Street
Corvallis, OR 97333
Telephone: (541) 737-4261
Fax: (541) 737-2170
E-mail: pacs@oregonstate.edu

OSU Departmental Administrator
[Name]
[Title]
[Address]
[City, State, Zip]
Telephone: [Phone Number]
Fax: [Fax Number]
E-mail: [E-Mail Address]

CONTRACTOR Contract Administrator

[Name]
[Title]
[Address]
[City, State, Zip]
Telephone: [Phone Number]
Fax: [Fax Number]
E-mail: [E-Mail Address]

I. OSU NAME AND TRADEMARK.

Contractor shall not identify this Contract, nor use OSU's names, trademarks, service marks, or other proprietary marks in any of Contractor's marketing material, advertising, press releases, publicity matters or other promotional materials without the prior written consent of OSU, which consent may be withheld in OSU's sole discretion.

J. RECYCLABLE PRODUCTS.

Contractors will use recyclable products to the maximum extent economically feasible in the performance of the Contract.

K. SALES AND USE TAXES.

OSU shall pay all applicable sales, excise, or use taxes in connection with this Contract. Invoices shall separately identify all such taxes and shall include either Contractor's sales tax or use tax permit number. Contractor shall be responsible for all other taxes, including taxes based upon Contractor's income. Contractor shall indemnify, defend, and hold harmless OSU from and against any interest, penalties, or other charges resulting from the non-payment or late payment of taxes or other charges for which Contractor failed to invoice OSU or which Contractor otherwise failed to pay in a timely manner.

L. FORCE MAJEURE.

Neither party is responsible for delay caused by an act or event that prevents the party from performing its obligations under this Contract where such cause is beyond the party's reasonable control and the nonperforming party has been unable to avoid or overcome the act or event by the exercise of due diligence. Such acts or events include without limitation fire, riot, acts of nature, terrorist acts, or other acts of political sabotage or war. Contractor shall make all reasonable efforts to remove or eliminate such a cause of delay and shall, upon cessation of the cause, diligently pursue performance of its obligations under this Contract. However, if delay due to a force majeure event continues for an unreasonable time, as determined by OSU, then OSU is entitled to terminate the Contract.

M. ORIGINAL WORKS.

All inventions, discoveries, work of authorship, trade secrets or other tangible or intangible items and intellectual property rights created by Contractor pursuant to this Contract, including derivative works and compilations, together the "Work Product", and whether or not such Work Product is considered a work made for hire or an employment to invent, shall be the exclusive property of OSU. OSU and Contractor agree that such original works of authorship are "work made for hire" of which OSU is the

author within the meaning of the United States Copyright Act. If for any reason the original Work Product created pursuant to this Contract is not “work made for hire,” Contractor hereby irrevocably assigns to OSU any and all of its rights, title, and interest in all original Work Product created pursuant to this Contract, whether arising from copyright, patent, trademark, trade secret, or any other state or federal intellectual property law or doctrine. Upon OSU’s reasonable request, Contractor shall execute such further documents and instruments necessary to fully vest such rights in OSU. Contractor forever waives any and all rights relating to original Work Product created pursuant to this Contract, including without limitation, any and all rights arising under 17 USC §106A or any other rights of identification of authorship or rights of approval, restriction or limitation on use or subsequent modifications.

In the event that Work Product created by Contractor under this Contract is a derivative work based on Contractor intellectual property, or is a compilation that includes Contractor intellectual property, Contractor hereby grants to OSU an irrevocable, non-exclusive, perpetual, royalty-free license to use, reproduce, prepare derivative works based upon, distribute copies of, perform and display the pre-existing elements of the Contractor intellectual property employed in the Work Product, and to authorize others to do the same on OSU’s behalf.

In the event that Work Product created by Contractor under this Contract is a derivative work based on third party intellectual property, or is a compilation that includes third party intellectual property, Contractor shall secure on OSU’s behalf and in the name of OSU an irrevocable, non-exclusive, perpetual, royalty-free license to use, reproduce, prepare derivative works based upon, distribute copies of, perform and display the pre-existing elements of the third party intellectual property employed in the Work Product, and to authorize others to do the same on OSU’s behalf.

N. EXECUTION AND COUNTERPARTS.

This Contract may be executed by facsimile or PDF and in two or more counterparts, each of which shall be deemed an original and all of which together shall constitute one instrument.

O. SURVIVAL.

The terms and conditions of this Contract that by their sense and context are intended to survive termination or expiration hereof shall so survive.

P. SEVERABILITY.

If any provision of this Contract is determined to be invalid, illegal or unenforceable, the remaining provisions of this Contract remain in full force and effect if the essential terms and conditions of this Contract for both parties remain valid, legal and enforceable.

Q. MERGER.

This Contract, including all documents referred to herein and attached hereto, constitutes the entire agreement between the parties and supersedes all prior representations, understanding and agreements between the parties. It is the complete and exclusive expression of the parties’ agreement on the matters contained in this Contract. No amendment, consent, or waiver of terms of this Contract shall bind either party unless it is in writing and signed by authorized representatives of each of the parties. Any such amendment, consent, or waiver is effective only in the specific instance and for the specific purpose given.

8. CERTIFICATIONS AND SIGNATURES:

This Contract must be signed in ink by an authorized representative of Contractor. The undersigned certifies under penalty of perjury both individually and on behalf of Contractor that:

- A. The undersigned is a duly authorized representative of Contractor, has been authorized by Contractor to make all representations, attestations, and certifications contained in this Contract and to execute this Contract on behalf of Contractor and that this Contract, when executed and delivered, shall be a valid and binding obligation of Contractor enforceable in accordance with its terms;
- B. Contractor is not a contributing member of the Public Employees' Retirement System and will be responsible for any federal or state taxes applicable to payment under this Contract. Contractor will not, by virtue of this Contract, be eligible for federal Social Security, employment insurance, workers' compensation or the Public Employees' Retirement System, except as a self-employed individual.
- C. Pursuant to OAR 580-061-0030, Contractor has not discriminated against Minority, Women or Emerging Small Business Enterprises in obtaining any required subcontracts;
- D. Pursuant to ORS 305.385(6), Contractor, to the best of the person's knowledge, is not in violation of any tax laws described in 305.380(4).

Each of the parties has caused its duly authorized representative to execute this Contract on the date set forth in its respective signature block below.

CONTRACTOR:

Signature: _____

Date: _____

By: _____

Title: _____

OSU:

Signature: _____

Date: _____

By: _____

Title: _____

ATTACHMENT A
SPECIFICATIONS/STATEMENT OF WORK

Technical requirements

1. OSU requires a custom genotyping array specific to coastal Douglas-fir, capable of genotyping 50,000 Single Nucleotide Polymorphisms (SNPs) (e.g., comparable to the Illumina Infinium or Affymetrix 384 peg Axiom platforms).
2. The Proposal should specify the total number of attempted SNP assays and the minimum number of attempted assays that are guaranteed to be present on the final product.
3. Following the manufacture of the genotyping array, we require ≥ 1920 samples of coastal Douglas-fir to be genotyped, with the resulting data to be provided to OSU by September 30, 2014.
4. The Proposal should specify the criteria that will be used to conclude that a SNP has been successfully assayed (e.g., call frequency, etc.).
5. For previously validated Douglas-fir SNPs, the Proposal should specify the guaranteed proportion of successfully called SNPs. Validated Douglas-fir SNPs are SNPs that had a call frequency >0.85 and were polymorphic in our analysis of 8067 assayed SNPs using an Infinium genotyping array (Howe et al 2013). We have 5,847 validated Douglas-fir SNPs that should be included on the new genotyping array.
6. Quality control procedures used by the contractor at all stages of the process should be clearly specified and will need to be approved by OSU.

Pricing requirements

1. Pricing shall specify all costs associated with delivering the genotype data and analytical software to OSU, including shipping, handling, insurance, and sales tax as applicable.
2. Pricing shall include the total and per-sample cost associated with an order of 1,920 Douglas-fir samples or more (see above), plus any other total and per-sample costs for genotyping a larger number of samples, if different.
3. Pricing shall indicate any extra costs associated with genotyping batches smaller than 1,920 Douglas-fir samples in a single run, and what the minimum batch size would be.

SNP designs

1. The initial list of SNPs will be selected by OSU from a database of 220,000 SNPs identified by Howe et al. (2013) and Muller et al. (2012).
2. OSU shall provide the contractor with a file containing SNP sequences according to the contractor's specifications.
3. The contractor will work with OSU as needed to develop a set of SNP designs that will meet the genotyping specifications described above.
4. The design of the genotyping array must be approved by OSU. If the number or quality of SNP designs is unacceptable to OSU, no genotyping arrays will be ordered. If the number and quality of SNP designs is acceptable to OSU, OSU will provide the contractor with their final list of selected SNPs to genotype.

Manufacture

1. The contractor will confirm the order and submit the design for manufacture in sufficient time to deliver genotyping data to OSU by September 30, 2014.

Genotyping

1. OSU will deliver all DNA samples to the contractor by June 30, 2014.
2. SNP data will be subjected to appropriate quality control, and then delivered to OSU by September 30, 2014. Any needed analytical software will be delivered at the same time.

Citations

Howe, G.T., Yu, J., Knaus, B., Cronn, R., Kolpak, S., Dolan, P., Lorenz, W.W., Dean, J.F.D. 2013. A SNP resource for Douglas-fir: *de novo* transcriptome assembly and SNP detection and validation. BMC Genomics 14:137.

Muller T, Ensminger I, Schmid KJ. A catalogue of putative unique transcripts from Douglas-fir (*Pseudotsuga menziesii*) based on 454 transcriptome sequencing of genetically diverse, drought stressed seedlings. BMC Genomics. 2012; 13:673..

ATTACHMENT B

(Insert pricing submitted as Exhibit D of RFP)

**EXHIBIT B
CERTIFICATIONS**

By signature on this certification the undersigned certifies that they are authorized to act on behalf of the Proposer and that under penalty of perjury the undersigned will comply with the following:

SECTION I. OREGON TAX LAWS

The undersigned hereby certifies under penalty of perjury that the undersigned is authorized to act on behalf of Proposer and that Proposer is, to the best of the undersigned's knowledge, not in violation of any Oregon Tax Laws. For purposes of this certification, "Oregon Tax Laws" means a state tax imposed by ORS 320.005 to 320.150 and 403.200 to 403.250 and ORS chapters 118, 314, 316, 317, 318, 321 and 323 and the elderly rental assistance program under ORS 310.630 to 310.706 and local taxes administered by the Department of Revenue under ORS 305.620.

SECTION II. AFFIRMATIVE ACTION

The undersigned hereby certifies that they have not discriminated against Minority, Women or Emerging Small Business Enterprises in obtaining any required subcontracts, pursuant to OAR 580-061-0030 (3).

SECTION III. COMPLIANCE WITH SOLICITATION

The undersigned agrees and certifies that they:

1. Have read, fully understands and agrees to be bound by the Request for Proposal and all Exhibits and Addenda to the Request for Proposal; and
2. Are an authorized representative of the Proposer, that 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
3. Will furnish the designated item(s) and/or service(s) in accordance with the Request for Proposal and the Contract; and
4. Has provided a correct Federal Employer Identification Number or Social Security Number with the Proposal.

Authorized Signature: _____

Date: _____

Name (Type or Print): _____

Telephone:(____)_____

Title: _____

Fax:(____)_____

FEIN ID# or SSN# (required): _____

Email: _____

Company: _____

Address, City, State, Zip: _____

Construction Contractors Board (CCB) License Number (if applicable): _____

Business Designation (check one):

Corporation

Partnership

LLC

Sole Proprietorship

Non-Profit

**EXHIBIT C
REFERENCES**

REFERENCE 1

COMPANY: _____ CONTACT NAME: _____
ADDRESS: _____ PHONE NUMBER: _____
CITY, STATE ZIP: _____ FAX NUMBER: _____
WEBSITE: _____ E-MAIL: _____
GOODS OR SERVICES PROVIDED: _____

REFERENCE 2

COMPANY: _____ CONTACT NAME: _____
ADDRESS: _____ PHONE NUMBER: _____
CITY, STATE ZIP: _____ FAX NUMBER: _____
WEBSITE: _____ E-MAIL: _____
GOODS OR SERVICES PROVIDED: _____

REFERENCE 3

COMPANY: _____ CONTACT NAME: _____
ADDRESS: _____ PHONE NUMBER: _____
CITY, STATE ZIP: _____ FAX NUMBER: _____
WEBSITE: _____ E-MAIL: _____
GOODS OR SERVICES PROVIDED: _____

**EXHIBIT D
PRICING SHEET**

Per-sample cost for building a 50,000 SNP genotyping array + processing Douglas-fir samples						
	>2,500 samples	2,000 – 2,500 samples	1,500 – 1,999 samples	1,000 – 1,499 samples	500 – 999 samples	<500 samples
Main/original/primary chip						
Per sample SNP chip design and building cost						
Actual number of samples accommodated by system/ process ¹						
Per sample genotyping cost						
Additional/subsequent lots						
Per sample SNP chip design and building cost						
Actual number of samples accommodated by system/ process ²						
Per sample genotyping cost						

¹E.g. if chip holds 1,900 samples enter data in 1500-1999 column, if 2,050 samples enter data in 2,000-2,499 column. Indicate N/A for columns not supported by your system.

²E.g. if incremental lots are processed in batches of 350 enter data in <500 column. Indicate N/A for columns not supported by your system.

*Pricing must incorporate all costs associated with delivering the data and software to OSU, including shipping, handling, insurance, and sales tax as applicable.