



Procurement and Contract Services (PaCS)

Oregon State University, 644 SW 13th St, Corvallis, Oregon 97333-4238

T 541-737-4261 | F 541-737-2170 | <http://pacs.oregonstate.edu/>

**INFORMAL REQUEST FOR PROPOSAL
No. BT160181IRFP**

**PLASMA ENHANCED CHEMICAL VAPOR DEPOSITION
PROCESS DEVELOPMENT SERVICES**

July 2, 2012

Oregon State University (OSU) Procurement and Contract Services (PaCS) is seeking Responsive Responsible Proposers to provide services and equipment for the development of a plasma enhanced chemical vapor deposition (PECVD) process to be used in the fabrication of aluminum oxide based thin-film diodes. The project will potentially expand into the design of a PECVD/reactive ion etch (RIE)/Physical Vapor Deposition (PVD) toolset for aluminum oxide based thin-film diodes.

Interested vendors may respond in Writing and in accordance with the instructions in this Informal Request for Proposal (IRFP) no later than July 10, 2012, at 2:00 p.m. OSU is an AA/EEO employer and encourages the submittal of responses from women, minority-owned and emerging small business enterprises.

If you have any questions regarding this IRFP, please contact me at the telephone or e-mail address indicated below.

Sincerely,
Bonnie Tufts
Purchasing Analyst III
Telephone: 541-737-7353
E-Mail: Bonnie.Tufts@oregonstate.edu

1.0 BACKGROUND

1.01 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, master's and doctoral degrees through 12 academic colleges enrolling more than 20,000 students from every county in Oregon, every state in the country and more than 90 nations.

1.02 BACKGROUND:

OSU has identified funding through the Oregon Nanoscience and Microtechnologies Institute (ONAMI) and OSU's Venture Development Fund (VDF) for this project.

OSU scientists and researchers have proven that atomic layer deposition (ALD) is a suitable technique for fabrication of thin-film diodes for use in present display manufacturing processes. Because PECVD is presently used by the display industry as a thin-film deposition technique, OSU seeks to evaluate the use of PECVD for production of such diodes.

There is presently no equipment available at OSU to support the desired development. Therefore, OSU must engage a thin-film deposition service provider/equipment manufacturer to investigate the feasibility of PECVD-based aluminum Oxide materials and deposition processes for fabrication of thin-film diodes. The selected vendor will be expected to show that they possess equipment and expertise to support development of trimethyl aluminum (TMA) based PECVD deposition suitable for application in OSU's diode processes. The successful vendor must have facilities and equipment located on the West Coast of the United States, in order to minimize the expense and duration of travel that will be required by the OSU development team. The intent of the described exercise is to identify a suitable process equipment vendor through which a PECVD process will be sourced in support of the OSU VDF proof-of-concept project.

2.0 SAMPLE CONTRACT/SCOPE OF WORK

2.02 SAMPLE CONTRACT:

A sample Contract containing the scope of work, contractual terms and conditions is included as Exhibit A.

3.0 PROPOSER QUALIFICATIONS

3.01 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. Proposer must have at least five (5) years of experience with PECVD processes and thin-film diode deposition – process development and technologies.
- b. Proposer must have (or commit to positioning prior to contract execution) development facilities and all necessary equipment on the West Coast of the United States.
- c. Proposer must have a dedicated project team which will be assigned in order to ensure deliverables within expected deadlines. The project team must consist of a Process Engineer with at least 20 years' experience, An Electromechanical Engineer and an Electronics Engineer with at least 10 years'

experience. The teams experience must all be in the specific area of custom plasma systems design and construction for novel etch and deposition processes.

4.0 REQUIRED SUBMITTALS & EVALUATION

4.01 REQUIRED SUBMITTALS:

Proposers should submit the following information:

- a. Description of how the goods or services offered specifically meet the Scope of Work requirements described in Section 2.
- b. A summary of at least five (5) years prior experience that demonstrates expertise and familiarity with PECVD and thin-film diode process development and technologies.
- c. An explanation of the facilities and equipment located on the West Coast, including the specific address where these facilities are located or will be located prior to execution of a resulting contract.
- d. Names, titles, credentials, and contact information of the dedicated project team which will be assigned to the successful completion of this project.
- e. Complete and itemized pricing of the goods or services requested.
- f. Exhibit B, Certifications, fully completed.
- g. Exhibit C, References, fully completed. These references must be able to verify the experience described in Item b., above.

4.02 EVALUATION:

This is a multistage evaluation. 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. Proposer's deemed non-Responsive will be notified in Writing, identifying the reason(s) the Proposal is non-Responsive. The evaluation committee will then perform first stage evaluations on the Written Proposals based on the following evaluation criteria. Points will be given in each criteria and a total score will be determined. The maximum points available for each criteria are identified below.

<u>Evaluation Criteria:</u>	<u>Points:</u>
Ability to perform the milestones described in the Scope of Work	35
Breadth, depth, and length of experience in PECVD processes and thin-film diode technology process development	30
Proposer's presence on the West Coast of the U.S.	20
Price of the goods or services	15
Total	100

OSU may award after the first stage evaluation to the highest ranked Proposer without moving on to the second stage evaluation. If OSU decides to move to a second stage evaluation, the highest ranked Proposers from the first stage evaluation will move to the second stage evaluation. Proposers who are included in the second stage evaluation may be requested to provide additional information about their Proposal through interviews, presentations, requests for best and final Proposals or other methods relevant to the goods or services, in order for the evaluation committee to make a final determination. 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 IRFP and OSU's needs.

4.03 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.

5.0 INSTRUCTIONS TO PROPOSERS

5.01 APPLICABLE STATUTES AND RULES:

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

5.02 REQUEST FOR CLARIFICATION OR CHANGE:

Request for clarification or change of the Informal Request for Proposal must be in Writing and submitted to PaCS at least two (2) days before the Proposal Due Date and Time, unless specified otherwise herein. 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 Informal Request for Proposal by issuing an Addendum. Envelopes, e-mails or faxes containing requests should be clearly marked as a Request for Clarification or Change and include the IRFP Number and Title.

5.03 ADDENDA

Only documents issued as Written Addenda by PaCS serve to change the IRFP in any way. No other direction received by the Proposer, written or verbal, serves to change the IRFP document. If you have received an Informal Request for Proposal you should consult PaCS, prior to Proposal submittal, to assure 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 Addendum into their final Proposal. Failure to do so may, in effect, make the Proposal non-Responsive, which may cause the Proposal to be rejected.

5.04 PREPARATION AND SIGNATURE:

Proposals should be Written 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 IRFP and all Exhibits and Addenda to the IRFP.

5.05 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 192.50 (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.

5.06 PROPOSAL SUBMISSION

Proposals should be submitted no later than the Proposal Due Date and Time. Envelopes, faxes, or e-mails containing Proposals should contain the IRFP No., IRFP Title and the Proposal Due Date and Time. Proposals may be mailed to Oregon State University, Procurement and Contract Services, 644 SW 13th Street, Corvallis, OR 97333-4238, faxed to (541) 737-2170 or e-mailed in PDF format to the individual identified on the first page of this IRFP.

5.07 PROPOSALS ARE OFFERS:

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

5.08 RIGHT TO REJECT:

OSU may reject, in whole or in part, any Proposal not in compliance with the IRFP, Exhibits, and Addenda. OSU may reject all Proposals if it is in the best interest of OSU to do so.

5.09 PROPOSAL PREPARATION COSTS:

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

5.10 AWARDS:

OSU reserves the right to make award(s) by individual item, group of items, all or none, or any combination thereof; on a geographical basis and/or on a statewide basis with one (1) or more suppliers. OSU reserves the right to delete any item from the contract when deemed to be in the best interest of OSU.

**EXHIBIT A
SAMPLE CONTRACT**

Oregon State University
PERSONAL/PROFESSIONAL SERVICES CONTRACT (PPSC)

Department Contract # **BT160181C**

This Contract is entered into by and between the State of Oregon acting by and through its Board of Higher Education on behalf of Oregon State University (OSU/Institution) for its **Chemistry** (Department) and _____ (Contractor).

Whereas OSU has need of the services which Contractor is competent to provide; now therefore, in consideration of the sum not to exceed \$ _____ to be paid at the rate of \$ _____ /hour to Contractor by OSU, Contractor agrees to perform between date of last signature and _____, inclusive, the following personal and/or professional services: **Please see Attachment B, Scope of Work**

Contractor shall not begin work until the Contract is signed by all parties listed below. Unless otherwise specified herein, OSU shall pay only for work performed. Contractor shall submit detailed invoice(s) for work performed to Department for payment. Invoices are paid according the OSU's standard payment terms which are Net 30 days from receipt of correct invoice.

The following attachments are incorporated by this reference and made a part of this contract: Attachment A, OUS Standard Contract Provisions and Attachment B; Scope of Work Attachment C; Other Attachments _____.

INSURANCE: the minimum limit is \$ 1M

Type required: CGL AUTO Professional

THIS CONTRACT SHALL BECOME EFFECTIVE AND BINDING UPON LAST SIGNATURE BY AUTHORIZED REPRESENTATIVES OF THE PARTIES AS PROVIDED HEREIN.

OSU

CONTRACTOR

OSU Department Head Date
(Typed Name):

Signature Date
Typed Name:
Address:

OSU Contract Officer Date

Phone:

Department of Justice Date
(Only for contracts over \$100,000)

Banner Vendor ID No.:
U.S. Tax Identification No.:
Contractor is a: (Check One)
 Resident U.S. citizen
 Resident non-U.S. citizen (Green Card Holder)
 Non-U.S. citizen
 Partnership
 Corporation
 Contractor is also a minority group member

OSU VENDOR NO.	FORM PREPARED BY	PREPARER'S ADDRESS	DATE
INDEX CODE	ACCOUNT CODE	ACTIVITY CODE	PAYMENT AMOUNT

Place Bar Code Label Here	All payments and reimbursements made on this contract will be 1099-misc. reportable. Rev 11-/09
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ATTACHMENT A
DEPARTMENT OF HIGHER EDUCATION STANDARD PERSONAL/PROFESSIONAL SERVICES CONTRACT PROVISIONS

ACCESS TO RECORDS. Contractor shall maintain books, records, documents, and other evidence and 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. The Oregon Board of Higher Education, Oregon Secretary of State, Federal Government, and their duly authorized representatives shall have access to the books, documents, papers, and records of Contractor which are directly pertinent to this contract for the purpose of making audit, examination, excerpts, and transcripts. Such books and records shall be maintained by Contractor for three years from the date of contract expiration unless a shorter period is authorized in writing. Contractor is responsible for any audit discrepancies involving deviation from the terms of this contract and for any commitments or expenditures in excess of amounts authorized by Institution.

ASSIGNMENT. Contractor shall not assign or transfer its interest nor delegate its obligation in this contract without the express written consent of the Institution.

AVAILABILITY OF FUNDS. Institution certifies that sufficient funds are available and authorized for expenditure to finance costs of this contract within its current biennial appropriation or expenditure limitation, provided, however, that continuation of the contract, or any extension, after the end of the fiscal period in which it is written, is contingent upon a new appropriation or limitation for each succeeding fiscal period for the purpose of this contract.

CAPTIONS. The captions or headings in this contract are for convenience only and in no way define, limit, or describe the scope or intent of any provisions of this contract.

COMPLIANCE WITH APPLICABLE LAW. Contractor agrees to comply with all federal, state, county, and local laws, ordinances, and regulations applicable to the work to be done under this contract. Contractor specifically agrees to comply with all applicable requirements of federal and state civil rights and rehabilitation statutes, rules, and regulations. Contractor also shall comply with the Americans with Disabilities Act of 1990 (Pub L No. 101-336), ORS 659.425, and all regulations and administrative rules established pursuant to those laws. Failure or neglect on the part of Contractor to comply with any or all such laws, ordinances, rules, and regulations shall not relieve Contractor of these obligations nor of the requirements of this contract. Contractor further agrees to make payments promptly when due, to all persons supplying to such Contractor, labor or materials for the prosecution of the work provided in this contract; pay all contributions or amounts due the Industrial Accident Fund from such contractor incurred in the performance of this contract; not permit any lien or claim to be filed or prosecuted against the State on account of any labor or material furnished; pay to the Department of Revenue all sums withheld from employees pursuant to ORS 316.167. If Contractor fails or refuses to make any such payments required herein, the appropriate Institution official may pay such claim to such payment. Any payment of a claim in the manner authorized in this section shall not relieve the Contractor or Contractor's surety from obligation with respect to any unpaid claims.

CONFLICT OF INTEREST. Contractor covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of its services hereunder. Contractor further covenants that in the performance of this contract no person having any such interest shall be employed.

DUAL PAYMENT. Contractor shall not be compensated for work performed under this contract from any other entity of the State of Oregon.

EXECUTION AND COUNTERPARTS. This contract may be executed in several counterparts, each of which shall be an original, all of which shall constitute but one and the same instrument.

GOVERNING LAW. This contract shall be governed and construed in accordance with the laws of the State of Oregon. Any claim, action, or suit between Institution and Contractor that arises out of or relates to performance of this contract shall be brought and conducted solely and exclusively within the Circuit Court for Marion County, for the State of Oregon. Provided, however, that if any such claim, action, or suit may be brought only in a federal forum, it shall be brought and conducted solely and exclusively within the United States District Court for the District of Oregon.

HAZARD COMMUNICATION. Contractor shall notify Institution prior to using products containing hazardous chemicals to which Institution employees may be exposed. Products containing hazardous chemicals are those products defined by Oregon Administrative Rules, Chapter 437. Upon Institution's request, Contractor shall immediately provide Material Safety Data Sheets, as required by OAR 437-155-025, for the products subject to this provision.

INDEMNITY, RESPONSIBILITY FOR DAMAGES. Contractor shall be responsible for all damage to property, injury to persons, and loss, expense, inconvenience, and delay which may be caused by, or result from, the conduct of work under this contract, or from any act, omission, or neglect of Contractor, its subcontractors, or employees. Contractor shall save, defend, indemnify, and hold harmless the State of Oregon, the State Institution of Higher Education, the Institution, and their officers, agents, employees, and members from all claims, suits, and actions of any nature resulting from or arising out of the activities or omissions of Contractor or its subcontractors, officers, agents, or employees acting under this contract.

INDEPENDENT CONTRACTOR STATUS. The service(s) to be rendered under this contract are those of an independent contractor. Contractor is not to be considered an agent or employee of Institution for any purpose, and neither Contractor nor any of Contractor's agents or employees are entitled to any of the benefits that Institution provides for its employees. Contractor will be solely and entirely responsible for its acts and for the acts of its agents or employees during the performance of this contract. If Contractor is providing personal services as an individual, (a) Contractor: (1) Is engaged as an independent contractor and will be responsible for any Federal or State taxes applicable to this payment; (2) Will not be eligible for any Federal Social Security, State Workers' Compensation, unemployment insurance, or Public Employees Retirement System benefits from this contract payment; (3) Is not an officer, employee, or agent of the State as these terms are used in ORS 30.265 and will not be under the direction and control of Institution; (4) Is not currently employed by the Federal Government and the amount charged does not exceed his normal charge for the type of service provided if payment is to be charged against Federal funds; (5) Is not a member of the Oregon Public Employees Retirement System; or (6) if a contributing member of the Oregon Public Employees Retirement System for which contributions to the retirement system must be withheld, Contractor's contribution to the retirement system will be withheld and a corresponding Institution contribution made; and (7) Must furnish Form IRS Form 8233 in duplicate with this contract if Contractor is a non-resident alien and claims exemption from Federal Withholding tax. (b) The Oregon State Board of Higher Education, acting on behalf of Institution, will report the total amount of all payments to Contractor, including any expenses, in accordance with Federal Internal Revenue Service and State of Oregon Department of Revenue regulations.

INSURANCE. Contractor shall secure at its own expense and keep in effect during the term of this contract general liability insurance. Insurance policies, which cannot be excess to a self-insurance program, are to be issued by an insurance company authorized to do business in the State of Oregon. The State of Oregon, acting by and through the State Board of Higher Education on behalf of the Institution and their officers and employees shall be included as an additional insured in said insurance policy. If any of the liability insurance is arranged on a "claims made" basis, "tail" coverage will be required at the completion of this contract for a duration of 24 months.

NOTICES AND REPRESENTATIVES. All notices, certificates, or communications shall be delivered or mailed postage prepaid to the parties at their respective places of business as identified in the signature block of this contract, unless otherwise designated in writing. Copies of such correspondence shall also be sent all other contract signatories.

OVERDUE PAYMENTS. Any charges claimed by the Contractor for payment of an overdue amount shall be in accordance with the provisions of ORS 293.462.

OWNERSHIP OF WORK PRODUCT. All work products or any form of property originated or prepared by Contractor which result from this contract are the exclusive property of Institution.

SEVERABILITY. If any term or provision of this contract is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the contract did not contain the particular term or provision held to be invalid.

SUBCONTRACTS AND ASSIGNMENTS. Contractor shall not enter into any subcontracts for any of the work scheduled under this contract, or assign or transfer any of its interest in this contract, without obtaining prior written approval from the Institution.

SUCCESSORS IN INTEREST. The provisions of this contract shall be binding upon and shall inure to the benefit of the parties hereto, and their respective successors and assigns.

TAX COMPLIANCE CERTIFICATION. Contractor hereby affirms, under penalty of perjury, as provided in ORS 305.385(1), that to the best of Contractor's knowledge Contractor is not in violation of any Oregon tax laws named in ORS 305.380(4), including without limitation the state inheritance tax, gift tax, personal income tax, corporation income and excise taxes, amusement device tax, timber taxes, cigarette tax, other tobacco tax, 9-1-1 emergency communications tax, the homeowners and renters property tax relief program and local taxes administered by the Department of Revenue, including the Multnomah County Business Income Tax, Lane Transit District Tax, Tri-Metropolitan Transit District Employer Payroll Tax, and the Tri-Metropolitan District Self-Employment Tax.

TERMINATIONS. This contract may be terminated at any time by mutual consent of both parties, or by either party upon thirty (30) days' notice in writing and delivered by certified mail or in person to the other party. In addition, the Institution may terminate this contract effective upon delivery of written notice to Contractor, or at such later date as may be established by the Institution, if (a) Federal or state regulations or guidelines are modified, changed, or interpreted in such a way that the services are no longer allowable or appropriate for purchase under this contract; or (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. This contract may also be terminated by Institution for default (including breach of contract) if (a) Contractor fails to provide services or materials called for by this contract within the time specified; 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 after receipt of written notice from Institution, fails to correct such failures within ten days. The rights and remedies of Institution provided in the above clause related to defaults (including breach of contract) by Contractor shall not be exclusive and are in addition to any other rights and remedies provided by law or under this contract.

TERMINATION DUE TO NONAPPROPRIATION OF FUNDS. If sufficient funds are not provided in future legislatively approved budgets of Institution (or from applicable Federal, state, or other sources) to permit Institution in the exercise of its reasonable administrative discretion to continue this contract, or if Institution or program for which this contract was executed is abolished, the Institution may terminate this contract without further liability by giving Contractor not less than thirty (30) days notice. In determining the availability of funds from the Oregon Legislature for this contract, Institution may use the budget adopted for it by the Joint Ways and Means Committee of the Oregon Legislative Assembly.

FOREIGN CONTRACTOR. If Contractor is not domiciled in or registered to do business in the State of Oregon, Contractor shall promptly provide to the Oregon Department of Revenue and the Secretary of State, Corporation Division, all information required by those agencies relative to this contract. Contractor shall demonstrate its legal capacity to perform these services in the State of Oregon prior to entering into this contract.

FORCE MAJEURE. Neither Institution nor Contractor shall be held responsible for delay or default caused by fire, riot, acts of God, or war where such cause was beyond, respectively, Institution's or Contractor's reasonable control. Contractor shall, however, make all reasonable efforts to remove or eliminate such a cause of delay or default and shall, upon the cessation of the cause, diligently pursue performance of its obligations under this contract.

WAIVER. The failure of Institution to enforce any provision of this contract shall not constitute a waiver by Institution of that or any other provision.

APPROVALS. In some instances, another state agency may be required to approve this contract before any work may commence under this contract.

RECYCLING. In the performance of this contract the Contractor shall use, to the maximum extent economically feasible, recycled paper.

WORKERS' COMPENSATION. All employers, including contractor, that employ subject workers who work under this contract in the State of Oregon shall comply with ORS 656.017 and provide the required workers' compensation coverage, unless such employers are exempt under ORS 656.126. Contractor shall ensure that each of its subcontractors complies with these requirements.

MERGER. THIS CONTRACT CONSTITUTES THE ENTIRE AGREEMENT BETWEEN THE PARTIES. THERE ARE NO UNDERSTANDINGS, AGREEMENTS, OR REPRESENTATIONS, ORAL OR WRITTEN, NOT SPECIFIED HEREIN REGARDING THIS CONTRACT. NO AMENDMENT, CONSENT, OR WAIVER OF TERMS OF THIS CONTRACT SHALL BIND EITHER PARTY UNLESS IN WRITING AND SIGNED BY ALL PARTIES. ANY SUCH AMENDMENT, CONSENT, OR WAIVER SHALL BE EFFECTIVE ONLY IN THE SPECIFIC INSTANCE AND FOR THE SPECIFIC PURPOSE GIVEN. CONTRACTOR, BY THE SIGNATURE HERETO OF ITS AUTHORIZED REPRESENTATIVE, ACKNOWLEDGES HAVING READ AND UNDERSTOOD THE CONTRACT AND CONTRACTOR AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS.

ATTACHMENT B

1.01 Scope of Work

The successful vendor will be expected to complete the following project milestones:

- a. Initiate project on or around July 16, 2012.
- b. Provide a PECVD system able to deposit TMA based aluminum oxide thin films onto 6 inch (diagonal dimension) liquid-crystal display LCD backplane glass.
- c. Proposer must have commercially available systems that can provide PECVD, RIE, and PVD processes on a shared platform that utilizes similar components to reduce costs and simplify maintenance. Said system must be available for purchase and installation by the end of January 2013.
- d. Commit dedication of the system to thin-film processing of OSU materials and devices.
- e. Provide development support of a TMA based PECVD aluminum oxide deposition on the PECVD tool.

Provide sample 50 nm TMA based PECVD aluminum oxide films on a 6 inch silicon substrate (provided by OSU) with less than 10% uniformity variation and less than 5% index of refraction variation across the substrate in no more than 100 hours of shared development.

1.02 Payment

OSU shall pay Contractor 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.

1.03 Contract Renewal and Scope

This Contract may be renewed by mutual written agreement. Additional related work may be added to the Scope of Work through written amendment as the project develops over the contract term.

1.04 Travel

Contractor shall make its own travel arrangements in performance of the Contract. OSU will reimburse Contractor for travel expenses. Contractor is required to follow the policy provisions of the Oregon University System (OUS) Contractor Travel Reimbursements Policy, OUS Fiscal Policy number 70.200 which can be found at <http://www.ous.edu/dept/cont-div/fpm>. Contractor is not required to complete a contractor travel reimbursement request or submit receipts. Contractor must include travel expenses on Contractor's invoice. Contractor may not use OSU Travel Contracts for their travel and OSU may not arrange or pay for Contractor's travel.

1.05 Publication

Contractor will not include the OSU name or trademarks in any advertising, sales, promotion, or other publicity matter without prior written approval of OSU.

1.06 Parking

All contractors, vendors and commercial vehicles doing business on the OSU campus are required to have a permit to park, whether utilizing designated street parking or parking in the parking lots. The permits may be applied for at Transit & Parking Services, located in Adams Hall, 606 SW 15th St. There are various permits available, contact Transit & Parking Services for current price.

**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

As required in ORS 305.385(6) the undersigned hereby certifies that to the best of the undersigned's knowledge, the Proposer is not in violation of any Oregon Tax Laws. For purposes of this certification, "Oregon Tax Laws" means a state tax imposed by ORS 401.792 to 401.816 (Tax For Emergency Communications), 118 (Inheritance Tax), 314 (Income Tax), 316 (Personal Income Tax), 317 (Corporation Excise Tax), 318 (Corporation Income Tax), 320 (Amusement Device and Transient Lodging Taxes), 321 (Timber And Forestland Tax), 323 (Cigarettes And Tobacco Products Tax), and the elderly rental assistance program under ORS 310.630 to 310.706; and any local taxes administered by the Department of Revenue under ORS 305.620. If a Contract is executed, this information will be reported to the Internal Revenue Service under the name and taxpayer I.D. number submitted below. Information not matching IRS records could subject Contractor to thirty one percent (31%) backup withholding.

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 Informal Request for Proposal and all Exhibits and Addenda to the Informal 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 Informal Request for Proposal and the Contract; and
4. Has provided a correct Federal Employer Identification Number or Social Security Number with Proposal.

SECTION IV. PERMISSIVE COOPERATIVE PROCUREMENTS

If Proposer is awarded a Contract from this Informal Request for Proposal, Proposer hereby (check one)

- agrees
 disagrees

to offer the resulting contractual terms and prices to other public institutions.

Authorized Signature: _____ Date: _____

Name (Type or Print): _____ Telephone:(_____)_____

Title: _____ Fax:(_____)_____

FEIN ID# or SSN# (required): _____ Email: _____

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

Business Designation (check one):

- Corporation Partnership LLC Sole Proprietorship Non-Profit

Minority, Women & Emerging Small Business (MWESB) Certified Firm: Yes No

If yes, Minority, Women & Emerging Small Business (MWESB) Certification Number: _____

**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: _____
