OSU

Oregon State
UNIVERSITY

REQUEST FOR PROPOSAL
No. RFP NO.JD176426

API Gateway

PROPOSAL DUE DATE AND TIME
June 24th, 2015 (4:00 PM, PT)

SUBMITTAL LOCATION

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

OSU Procurement, Contracts and Materials Management Offices are open Monday through Friday 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.

1.0   GENERAL

1.01   SCHEDULE OF EVENTS
- Issue Date .... May 27th, 2015
- Deadline for Requests for Clarification or Change .... June 17th, 2015 (4:00 pm, PT)
- Proposal Due Date and Time .... June 24th, 2015 (4:00 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   ADMINISTRATIVE CONTACT
  Name: Joshua Dodson
  Title: Procurement Contracts Officer
  Telephone: 541-737-3572
  Fax: 541-737-2170
  E-Mail: Joshua.dodson@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.
   j. Other Technical Definitions:

Item	Description
SAML 2.0 Support	Support for SSO used at the university. We use CAS, but support Shiboleth for SAML integration.
PCI Compliance	Support for Payment Card Industry security compliance
HIPAA Compliance	Health Insurance Portability Accountability Act compliance
API cache is encrypted	Support for caching API responses and that this cache is stored in an encrypted format
Token-based	Support for generating tokens for an application and authenticating

authentication for APIs	using these tokens
Fine-grained authorization	Support for fine grained authorization. Only allowing certain applications access to the payload (configuring response payload differently based on application requesting the data or the developer that registered the application)
Filter API responses based on authorization	Filter the response to an API call based on the application / developer making the request. This can be implemented by either providing different virtual API endpoints or modifying the API response dynamically.
SaaS option	Software as a service where the vendor hosts the application and manages its upgrade and maintenance.
Hybrid hosting model	Hosting option where OSU can host part of the components and some of the maintenance and support responsibilities are handled by the vendor.
Different environment support: Production, Development, and Staging	Using one API gateway, have different options for routing, permissions, configuration for the multiple environments. This allows us to have one api gateway that can handle the load / requests for the various environments.
Routing and throttling	If the application making too many calls too often or exceeding a certain threshold, we need to be able to specify limits on the frequency of calls or route the calls to a different physical API endpoint.
API versioning	Support for virtual API versioning within the API gateway
Support for a variety of versioning schemes (URL, HTTP header, query parameter)	Support for passing the API version in various ways, such as: http header, url: /api/v1 or a query parameter: ?v=1
Reports (usage, top methods / applications, developers, call volume, latency, cache and historical trends)	Being able to run reports / statistics to gather metrics on APIs and their usage.
Established, open API documentation format (e.g., Swagger and RAML)	Support for using or exporting API documentation in a non-vendor specific format such as: Swagger, RAML or API Blueprint. This prevents OSU from locking our documentation to a vendor specific format.
Developer Portal	Support for a portal where new developers can login to view the list of available API endpoints, documentation, register their application and request an API key or token.
Try it API feature	A feature that allows the developer to enter their API key and try to make a call to an API without having to write the code for it.
Policy based security for API endpoints	Ability to be able to specify different security restrictions / policies for API endpoints. Some APIs might only be allowed to be called from a specific network or their response might not be cacheable. This functionality is either offered at the API endpoint or at a higher level in the form of a package or plan that a virtual API endpoint belongs to.
Developer self registration	Ability for a developer to login with their credentials and register.
Approval mechanism for application registration	Ability for a developer to register their application to request an API key.
Allow multiple groups to approve different API endpoints	Ability for different groups to approve access to certain types of APIs.
Auditability	Ability to run reports or answer how a request was made? who made the request? what ip address did the request come from?

API to monitor API endpoints and health	Ability to monitor than API endpoint is healthy and able to respond to requests.
API to automate gateway setup	Provide an API to make configuration changes to the API gateway. This type of configuration management can be done via the GUI of the API Gateway, but by providing an API for it, this setup can be automated.
API to automate API setup	Provide an API to setup new virtual API endpoints in the gateway
Adapt to excess load or error conditions (circuit-breaker functionality)	If a physical API endpoint is not responding to requests properly or returning a lot of error codes, we need to be able to back off some of the load / requests that are being sent to the VM.
Splunk integration	Being able to send logs from the API gateway to Splunk or another centralized logging solution.
SOAP to REST conversion	Ability to convert SOAP (Simple Object Access Protocol) endpoints to REST (Representational State Transfer).
JSON to XML and XML to JSON	Ability to convert JSON or XML payload responses to each other.
Sample Code Generation	Support for generating sample code for an API endpoint.
Ability to theme and brand developer portal	Ability to modify the look and feel of the developer portal.
Provide different calls per minute and throttling to same API endpoint depending on application registration	Support for different throttling policies based on what application is making a call to an API.
URL rewriting for API endpoints	Support for converting one physical API endpoint to a different virutal API endpoint by re-writing the URL.
Free and Open-Source Software	Based on Free and Open Source Software
Ability to add light orchestration layer to API by: customizable payloads for different devices, customize payload based on query	Support for customizing the payload based on the application or parameters passed in during the request.
Compress payload content	Support for compressing the API response's body.
Set caching headers on requests	Being able to specify HTTP caching headers on an API response.
Modify payload to create new virtual API endpoints	Modifying the API payload to create different virtual API responses.
Combine two different physical API endpoints into a single virtual API endpoint	Being able to combine the response bodies of two physical API endpoints to create one virtual API endpoint.

2.0   INTRODUCTION AND BACKGROUND

2.01   INTRODUCTION

Procurement, Contracts and Materials Management is seeking Responsive Responsible Proposers to submit Proposals for:

An Application Programming Interface (API) Gateway Management solution to help with the onboarding

process of new developers. Allowing developers to login with their SSO credentials to view a list of the API endpoints available, read documentation and register their application to request authentication tokens. The API Gateway will provide resiliency, logging, routing, monitoring and analytics for the API endpoints and applications leveraging the APIs.

2.02   BACKGROUND
OSU's current approach to data interoperability approach consists of low level access and custom data models for each application. We envision a new architecture that provides loosely coupled interoperability for a variety of data consumers. The new architecture will provide consistent data models, robust documentation, improved security, and real time integration. One of the core components of the new middleware architecture is the API Gateway. The API Gateway will provide a developer portal where developers will be able to register their applications, view documentation and examples. The API Gateway will also act as a middleman that proxies the API calls between the real API endpoints and the virtual API endpoints used by the API consumers.

2.03   OREGON STATE UNIVERSITY
Founded in 1868, Oregon State University is a comprehensive, research-extensive, public university located in Corvallis. OSU is 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 26,000 students from every county in Oregon, every state in the country and more than 90 nations.

3.0	SAMPLE TERMS AND CONDITIONS

3.01   SAMPLE TERMS AND CONDITIONS
A sample of OSU 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.

Security

- SAML 2.0 Support
- PCI Compliance
- HIPAA Compliance
- API cache is encrypted
- Token-based authentication for APIs
- Fine-grained authorization
- Filter API responses based on authorization
- OAuth2 support

Virtualization

- SaaS option
- Hybrid hosting model

Management

- Different environment support: Production, Development, and Staging
- Routing and throttling
- API versioning
- Support for a variety of versioning schemes (URL, HTTP header, query parameter)
- Reports (usage, top methods / applications, developers, call volume, latency,   cache and historical trends)

Ad-hoc APIs

- Established, open API documentation format (e.g., Swagger and RAML)
- Developer Portal
- Try it API feature
- Policy based security for API endpoints
- Developer self-registration
- Approval mechanism for application registration
- Allow multiple groups to approve different API endpoints

DevOps

- Auditability
- API to monitor API endpoints and health
- API to automate gateway setup
- API to automate API setup
- Adapt to excess load or error conditions (circuit-breaker functionality)
- Splunk integration

Training and Support

- Phone Support during regular business hours
- Training and Support on platform

Transforms

- SOAP to REST conversion
- JSON to XML and XML to JSON

Security

- Answer all of the questions on the Security Questionnaire (Exhibit E)
- The answers to this security questionnaire may invalidate the submission if your security practices don't meet our requirements.

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

Ad-hoc APIs

- Sample Code Generation
- Ability to theme and brand developer portal

Management

- Provide different calls per minute and throttling to same API endpoint depending on application registration
- URL rewriting for API endpoints

Licensing

- Free and Open-Source Software

Orchestration

- Ability to add light orchestration layer to API by: customizable payloads for different devices, customize payload based on query

Optimization

- Compress payload content
- Set caching headers on requests

Payload Injection

- Modify payload to create new virtual API endpoints

Composition

- Combine two different physical API endpoints into a single virtual API endpoint

Training and Support

- 24 x 7 x 365 Support Features

5.0 REQUIRED SUBMITTALS

5.01 QUANTITY OF PROPOSALS

Submit one (1) original hard copy Proposal and five (5) duplicate copies and one (1) electronic copy (PDF format) on CD/DVD/flash drive. Original should contain original signatures on any pages where a signature is required. Proposals should contain the submittals listed in this section below.

5.02 REQUIRED SUBMITTALS

It is the Proposer's sole responsibility to submit information in fulfillment of the requirements of this Request for Proposal. If submittals are not substantially compliant in all material respects with the criteria outlined in the RFP, it will cause the Proposal to be deemed non-Responsive.

Proposers must submit the following information:
- Detailed information about how the Proposer meets the minimum qualifications described in section 4.01.
- Exhibit B: Certifications, fully completed.
- Exhibit C: References, fully completed.
- Exhibit D: Pricing, Complete and itemized pricing of the goods or services requested.
- Exhibit E: Security Questionnaire

5.03   OPTIONAL SUBMITTALS

Proposers may submit the following information:
- Detailed information about how the Proposer meets the preferred qualifications described in section 4.02.

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, that are materially incomplete, that do not meet the minimum requirements, or that are submitted by Proposers who does not meet minimum qualifications may be deemed non-Responsive. Written notice will be sent to Proposers whose Proposal is deemed non-Responsive identifying the reason. A Proposer has the right to appeal the decision pursuant to 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. Scores will be used to determine Proposers within a competitive range. The competitive range will be made of Proposers whose individual scores, when viewed together, form a group of the highest ranked Proposers above a natural break in the scores.

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

    OSU may award after the first stage evaluation to the highest ranked Proposer without moving on to the second stage evaluation. If this option is selected, Written notice of intent to award the Contract to the highest ranked Proposer will be provided to all Responsive Proposers, or an award may be made directly without notice of intent in those instances of a single Responsive Proposer.

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

    i. Issue 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.

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

   d. Additional Stages of Evaluation:
       If after completion of the second stage of evaluation, an award is not made, OSU may add another stage of evaluation using any of the methods outlined in the second stage evaluation above.

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.

Evaluation Criteria	Points
Proposal relative to minimum qualifications	60
Proposal relative to preferred qualifications	10
Cost	30
Total	**100**

6.03   NEGOTIATIONS
OSU may commence serial negotiations with the highest ranked Proposer or commence simultaneous negotiations with all Responsive Proposers within the competitive range. 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 as determined by OSU.

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 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.

6.03   CONTRACT AWARD
Contract will be awarded to the Proposer who, in OSU's opinion, meets the requirements and qualifications of the RFP and whose Proposal is in the best interest of OSU. If a successful Contract cannot be completed after award, OSU may conclude contract negotiations, rescind its award to that Proposer, and return to the most recent RFP evaluation stage to negotiate with another Proposer(s) for award.

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   COMMUNICATIONS DURING RFP PROCESS
In order to ensure a fair and competitive environment, direct communication between OSU employees other than the Administrative Contact or other PCMM representative and any party in a position to create an unfair advantage to Proposer or disadvantage to other Proposers with respect to the RFP process or the award of a Contract is strictly prohibited. This restricted period of communication begins on the issue date of the solicitation and for Proposer(s) not selected for award ends with the conclusion of the protest period identified in OAR 580-061-0145(3) and for Proposers(s) selected for award ends with the contract execution. This

restriction does not apply to communications to other OSU employees during a Pre-Proposal conference or other situation where the Administrative Contact has expressly authorized direct communications with other staff. A Proposer who intentionally violates this requirement of the RFP process or otherwise deliberately or unintentionally benefits from such a violation by another party may have its Proposal rejected due to failing to comply with all prescribed solicitation procedures. The rules governing rejection of individual solicitation responses and potential appeals of such rejections are at OAR 580-061-0130.

7.03   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.

7.04   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.

7.05   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. Addenda will be publicized on the OUS procurement website. Proposers are advised to consult the OUS procurement website prior to submitting a Proposal in order to ensure that all relevant Addenda have been incorporated into the Proposal. Proposers are not required to submit Addenda with their Proposal. However, Proposers are responsible for obtaining and incorporating any changes made by Addenda into their Proposal. Failure to do so may make the Proposal non-Responsive, which in turn may cause the Proposal to be rejected.

7.06   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.

7.07   PUBLIC RECORD
Upon completion of the Request for Proposal process, information in all Proposals 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.

7.08   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) Hard copies in a sealed package or envelope dropped off in person or delivered to the submittal location listed on the Request for Proposal cover sheet. See Section 5.01 Quantity of Proposals for more details. The package or envelope should be addressed to the Administrative Contact. It is highly recommended that the 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.

7.09   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.

7.10   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.

7.11   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.

7.12   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.

7.13   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.

7.14   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.

7.15   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.

7.16   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.

7.17   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.

7.18   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.

7.19   PROPOSAL PREPARATION COST
OSU is not liable for costs incurred by the Proposer during the Request for Proposal process.

7.20   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.

7.21   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
TERMS AND CONDITIONS

STANDARD TERMS AND CONDITIONS FOR GOODS AND SERVICES

These Standard Terms and Conditions for goods or services shall govern the purchase by OSU from the Contractor and shall replace and supersede any terms and conditions presented by Contractor or any sales quotations, order acknowledgements, or similar forms unless otherwise specified in the Solicitation Documents or on the face of the Purchase Order issued by OSU.

DEFINITIONS: As used in this Contract, the terms set forth below are defined as follows:
- a. "Contract" means only the documents listed below, which, in the event of any conflicts among them, must be interpreted in the following order of precedence:
  - i. The Solicitation Document and its Attachments and Addenda, if any; and
  - ii. The Purchase Order Issued by OSU
- b. "Contractor" means a person or organization with whom OSU has contracted for the provision of goods or services pursuant to this Contract;
- c. "Contractor Intellectual Property" means any intellectual property owned by Contractor and developed independently from Contractor's performance of this Contract;
- d. "OAR" means the Oregon Administrative Rules;
- e. "ORS" means the Oregon Revised Statutes;
- f. "OSU" means Oregon State University.
- g. "Solicitation Document" means the Request for Quotes, Invitation to Bid, Request for Proposals, or any other written document issued by OSU that outlines the required specifications necessary to submit a responsive quote, bid, proposal, or any other response;

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 reject the services and cancel the Contract in whole or in part.

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. OSU and the federal government and their respective 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. Contractor shall maintain such books and records for OSU's review for at least six years beyond the Term of the Contract unless OSU authorizes a shorter period in writing. 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.

AFFIRMATIVE ACTION: Pursuant to OSU Standard 580-061-0030, Contractor certifies that Contractor has not discriminated against Minority, Women or Emerging Small Business Enterprises in obtaining any required subcontracts.

APPLICABLE LAW, JURISDICTION AND VENUE: This Contract is governed and shall be construed in accordance with the laws of the State of Oregon, without resort to any other jurisdiction's conflict of law rules or doctrines. Any claim, action, or suit between OSU and Contractor that arises out of or relates to performance of this Contract must be brought and conducted solely and exclusively within the Circuit Court for Marion County, for the State of Oregon.
- a. Notwithstanding the foregoing paragraph, if a claim must be brought in federal forum, it must be brought and adjudicated solely and exclusively in the United States District Court for the District of Oregon. This paragraph applies to a claim brought against OSU only to the extent Congress has validly abrogated OSU's sovereign immunity and is not consent by OSU to be sued in federal court. 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.
- b. Except as set forth in the paragraph above, 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.

ASSIGNMENT/SUBCONTRACT/SUCCESSORS: Contractor shall not assign, sell, transfer, or subcontract rights, or delegate responsibilities under this Contract, in whole or in part, without the prior written approval of the OSU Procurement and Contract Services Department, and any attempt by Contractor to assign, sell, transfer, or subcontract rights or delegate responsibilities under this Contract, without first acquiring written approval of the OSU Procurement and Contract Services Department, is void. No such written approval from OSU relieves Contractor of any obligations of this Contract, however, and any assignee, new owner, transferee or subcontractor will be considered an agent of Contractor. Contractor shall remain liable to OSU under the Contract as if no such assignment, sale, transfer, or subcontract had occurred. The provisions of this Contract are binding upon and will inure to the benefit of the parties to the Contract and their respective permitted successors and assigns.

COMPLIANCE WITH APPLICABLE LAW: Contractor shall at all times comply with all 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. 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) Sections 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) all regulations and administrative rules established pursuant to the foregoing laws; and (x) 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.

CONFIDENTIALITY: This Contract is subject to the limitations and conditions of the Oregon Public Records Law, ORS 192.410-192.505.

DELIVERY: All deliveries are F.O.B. destination with all transportation and handling charges paid by the Contractor, unless specified otherwise in the Solicitation Documents or on the face of the Purchase Order issued by OSU. Responsibility and liability for loss or damage remain with the Contractor until final inspection and acceptance, when responsibility passes to OSU except as to latent defects, fraud and Contractor's warranty obligations.

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.

FORCE MAJEURE: Neither OSU nor Contractor shall be held responsible for delay or default caused by fire, riot, act of nature, terrorist acts, or other acts of political sabotage, or war where such cause was beyond, respectively, OSU's or Contractor's reasonable control. Contractor shall make all reasonable efforts to remove or eliminate such a cause of delay or default and shall, upon cessation of the cause, diligently pursue performance of its obligations under this Contract. However, if a default or delay due to a force majeure event continues for an unreasonable time, as determined by OSU, then OSU is entitled to terminate the Contract.

GOVERNMENT EMPLOYMENT STATUS: Contractor certifies that it is not currently employed by the federal government and not an employee of OSU.

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, any willful or negligent act or omission of Contractor, its subcontractors, or employees under this Contract. Contractor shall save, defend, indemnify, and hold harmless OSU and its officers, board members, employees, and agents from all claims, suits, and actions resulting from or arising out of the willful or negligent acts or omissions of Contractor or its subcontractors, officers, agents, or employees acting under this Contract.
- a. Except as set forth in the paragraph above, 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. Without limiting the generality of this section a., Contractor expressly agrees to defend, indemnify, and hold harmless OSU and its officers, board members, employees, and agents from any and all claims, suits, actions, losses, liabilities, costs, expenses and damages arising out of or related to any claims that the services or any other tangible or intangible goods delivered to OSU by Contractor that may be the subject of protection under any state or federal intellectual property law or doctrine, or OSU's use thereof infringes any patent, copyright, trade secret, trademark, trade dress, mask work, utility design, or other proprietary right of any third party; provided, that OSU shall provide Contractor with prompt written notice of any infringement claim.
- c. Contractor shall have control of the defense and settlement of any claim that is subject to a. or b.; however, neither Contractor nor any attorney engaged by Contractor shall defend the claim in the name of the State of Oregon or any agency of the State of Oregon, nor purport to act as legal representative of the State of Oregon or any of its agencies, without first receiving from the Oregon Attorney General, in a form and manner determined appropriate by the Attorney General, authority to act as legal counsel for the State of Oregon, nor shall Contractor settle any claim on behalf of the State of Oregon without the approval of the Attorney General. The State of Oregon may, at its election and expense, assume its own defense and settlement in the event that the State of Oregon determines that Contractor is prohibited from defending the State of Oregon, or is not adequately defending the State of Oregon's interests, or that an important governmental principle is at issue and the State of Oregon desires to assume its own defense.

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.

INSPECTIONS: Goods furnished under this Contract are subject to inspection and test by OSU at times and places determined by OSU. If OSU finds goods furnished to be incomplete or not in compliance with the Contract, OSU, at its sole discretion, may either reject the goods, require Contractor to correct any defects without charge, or negotiate with Contractor to sell the goods to OSU at a reduced 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 reject the goods

and cancel the Contract in whole or in part. Nothing in this paragraph is to in any way affect or limit OSU's rights as a Buyer, including the rights and remedies relating to rejection under ORS 72.6020 and revocation of acceptance under ORS 72.6080.

INSURANCE: Contractor shall secure at its own expense and keep in effect during the term of this Contract general liability or professional liability insurance as deemed applicable by OSU with limits of not less than four million dollars ($4,000,000) aggregate, unless otherwise specified in writing by OSU. Insurance policies are to be issued by an insurance company authorized to do business in the State of Oregon with a rating of A or better, or as deemed acceptable by OSU. If requested, Contractor shall provide proof of insurance of 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 commiserate with the statute of limitations for tort claims in Oregon.

INVOICES AND PAYMENT TO CONTRACTOR: Contractor shall send invoices to OSU for goods and services accepted by OSU to OSU's Department at the address specified in the Purchase Order. Contractor shall include in each invoice:
   a. The Purchase Order number;
   b. The quantity of goods ordered, the quantity of goods delivered, the date goods were delivered, the price per unit;
   c. A detailed description of any services performed, the dates services were performed, the rate or rates for services performed, and the total cost of services; and
   d. The total amount due and the payment address.

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 (ORS 293.462).

NECESSARY COMPONENTS: Unless specified otherwise, Contractor shall include all components, hardware and parts necessary for complete and proper assembly, installation and operation of goods.

NON-COMPLIANCE: If any goods or component parts are recalled by a regulatory body or the manufacturer, or discovered by Contractor not to comply with applicable regulatory standards or the Specifications, Contractor shall immediately notify OSU of the recall or non-compliance, and shall provide copies of the recall notice or notice of non-compliance, as applicable, and all other supporting documentation for the recall or non-compliance determination. OSU may elect to (a) reject goods in whole or in part, or (b) revoke its acceptance of goods in whole or in part. If OSU rejects goods or revokes its acceptance of goods, Contractor shall remove the particular goods from OSU's possession at no cost to OSU and shall reimburse OSU for all payments made for those goods.

NOTICE: Unless otherwise specified, any notice pursuant to this Contract shall be validly given if in writing and delivered to the other party via e-mail, fax, or by registered or certified mail, postage prepaid, to the respective addressees of Contractor and OSU.

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. 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.

OSU NAME AND TRADEMARK: Contractor's shall not use names, marks or trademarks identifying OSU, or any department or office of OSU, or in any other way identify OSU without prior written approval from OSU's University Relations and Marketing.

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 picked up from OSU's Office of Transit & Parking Services.

RECYCLED PRODUCTS: Contractors will use recycled products, as defined in ORS 279A.010(1)(ii), to the maximum extent economically feasible in the performance of the Contract.

REMEDIES FOR CONTRACTOR'S DEFAULT: In the event Contractor is in default, 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.

RETIREMENT SYSTEM STATUS: 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.

SAFETY AND HEALTH REQUIREMENTS/HAZARD COMMUNICATION: Goods and 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.

SEVERABILITY: The invalidity, illegality or enforceability of any provision of this Contract shall not affect the validity, legality or enforceability of any other provision of this Contract, which shall remain in full force and effect and shall be liberally construed in order to effectuate the purpose and intent of this Contract.

SEXUAL HARASSMENT: OSU has polices applicable to Contractors that prohibit sexual harassment and Contractor's company and employees are required to adhere to OSU's policy prohibiting sexual harassment in their interactions with members of the OSU community.

STANDARD COMPONENTS: Unless specified, Contractor shall provide goods with all components and accessories that the manufacturer lists as "standard" for goods.

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.

TERMINATION: This Contract may be terminated at any time by mutual consent of both parties or by OSU upon thirty (30) days' notice in writing and delivered by certified mail or in person to the other party. 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 sufficient legislative appropriations (or from applicable federal, state, or other sources) to permit OSU, in the exercise of its reasonable administrative discretion, to fulfill its obligations under this Contract, or if the OSU program for which this Contract was executed is abolished. This Contract may also be terminated by OSU 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. The rights and remedies of OSU 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.

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.

WAIVER: Failure of OSU to enforce any provision of this Contract will not constitute a waiver or relinquishment by OSU of the right to such performance in the future nor of the right to enforce any other provision of this Contract.

WARRANTIES: Unless specified, Contractor shall deliver goods that are new, unused and produced from current production inventory. Contractor shall provide goods manufactured from only those components that the manufacturer offers in the manufacturer's current parts catalogue for goods and carry full manufacturer warranties. Contractor warrants all goods delivered to be free from defects in labor, material, and manufacture and to be in compliance with specifications in the Solicitation Document. All implied or expressed warranty provisions of the Uniform Commercial Code, at ORS Chapter 72, are incorporated into this Contract. All warranties run to OSU.

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.

MERGER: THIS CONTRACT CONSTITUTES THE ENTIRE CONTRACT BETWEEN THE PARTIES. THERE ARE NO UNDERSTANDINGS, 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 IS EFFECTIVE ONLY IN THE SPECIFIC INSTANCE AND FOR THE SPECIFIC PURPOSE GIVEN.

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 Proposer, to the best of the undersigned's knowledge, is not in violation of any tax laws described in ORS 305.380(4).

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.

SECTION IV. PERMISSIVE COOPERATIVE PROCUREMENTS
If Proposer is awarded a contract from this 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:_____

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: _____

Number of calls to all API endpoints (Vendors should base their pricing on 200,000 endpoint calls per month)

With Vendor Software Support   Without Vendor Software Support

$_____/month $_____/month

Unit price charge for usage exceeding monthly threshold $____/call

*please provide information on tiered quantity discounts if available.

Oregon State University Security Questions for Technology-Based Procurements

Name of Technology

Name of Company

Contact Information

Printed Name of Person Completing Questionnaire

Signature of Person Completing Questionnaire

If purchased, Oregon State University reserves the right to conduct an IT security assessment on the product(s), system(s) and/or service(s) once delivered to validate the answers to the questions below. If evaluation copies or instances are available for testing, they should be provided to the IT Security Office prior to purchase. Please contact the Office of Information Security at InfoSec@oregonstate.edu.

Documentation		Internal Use
Do you have a completed Shared Assessments full SIG questionnaire?		
Have you undergone a SAS 70 or SSAE 16 audit?		
Do you have a documented change management process?		
Do you have a formal Incident Response plan?		
Application/Service/Data Security		
Describe the permissions granted to each role in your application/system?		
Describe the level to which the roles and permissions can be customized by Oregon State University.		
What specific encryption algorithms are employed for your product(s), system(s) and/or service(s)?		
Is all sensitive data (i.e. Social Security Numbers, Credit Card Numbers, Health Information, etc.) encrypted in transit and at rest? If not, please explain?		
Will Oregon State University data be encrypted at rest? (Whole Disk Encryption, DB encryption, column level encryption inside a DB)		
Describe the mechanism for transferring data from Oregon State University to your organization. Are these transfers logged?		
Is login information such as user name and password encrypted during transmission from the client to the server? NOTE: Base-64 encoding is not acceptable.		
Are passwords hashed, so they cannot be decrypted? (SHA-1, SHA-256, MD5, …) Please describe.		

Does your product(s), system(s) and/or service(s) prevent the use of shared credentials or accounts including administrative accounts?		
Describe how your product(s), system(s) and/or service(s) authenticate and authorize users?		
Does your product(s) and/or system(s) facilitate compliance with Federal and State laws, such as FERPA, HIPPA and PCI?		
Is all access, including administrative accounts, controlled and logged (i.e. firewalls, file system permissions, ACLs, database table permissions, packet logs, etc.)? If not, please explain.		
Will Oregon State University data be used in test or development environments?		
Does your company own the physical data center where Oregon State University's data will reside?		
Do any of your servers reside in a co-located data center?		
If you are using a co-located data center, does this data center operate outside of the United States?		
If this co-located data center operates outside of the United States, will any of Oregon State University's data ever leave the United States?		
If Oregon State University data will leave the United States, please list all countries where it will be stored.		
Is there a contract in place to prevent data from leaving the United States?		
If you are using a co-located data center, please describe how networks and systems are separated.		
Are intrusion detection technologies and firewalls utilized on the hosted system(s)?		
Describe how your facility is physically secured?		
Third Parties		
Will Oregon State University data be shared with or hosted by any third parties?		
If so, list all 3rd parties that will host or have access to Oregon State University data.		
Do you perform security assessments of third party companies?		
If you do assess third parties, please describe assessment methodology.		
How often do you reassess third party companies?		
Briefly explain why each of these third parties will have access to Oregon State University data.		
Have you experienced a breach?		
Password/Passphrase Management		
Can you enforce password / passphrase aging requirements?		
Can you enforce password / passphrase complexity requirements?		
Are user account passwords / passphrase visible in administration modules?		
Are stored user account passwords / passphrases hashed?		

What algorithm is used to hash passwords?		

Vulnerability Assessment/Mitigation

The OWASP 10 identifies the most critical web application security flaws. How does your organization address and mitigate the common application risk identified by the OWASP Top 10. Information about the OWASP Top Ten can be found at https://www.owasp.org/index.php/OWASP_Top_Ten_Project.		
Are your applications scanned for vulnerabilities by a qualified 3rd party?		
Are your systems scanned for vulnerabilities by a qualified 3rd party?		
Are your applications scanned for vulnerabilities prior to new releases?		
What application and operating system vulnerability scanning companies do you use?		
How often are operating systems and applications scanned?		
Are updates to your product released on a regular schedule?		
How are critical security patches applied to your systems and applications?		
Will we be notified of major changes to your environment that could impact our security posture?		

Disaster Recovery/Backups

Do you have a disaster recovery plan?		
Are components of your disaster recovery plan located outside of the United States?		
When was the last time you tested your disaster recovery plan?		
Are you performing backups?		
What type of media is used for backups?		
How long are these backups kept?		
How is backup media destroyed?		
Are you encrypting your backups?		
Will you be willing to encrypt backups of Oregon State University data?		
Are these backups taken offsite?		
Where are all the locations that will store Oregon State University backup data? Please list by country if located outside of the United States.		

Employee Policies/Security Awareness

Do you perform background screenings on employees?		
Do you have an information security awareness program?		
Is the security awareness training mandatory for all employees?		
How frequently are employees required to undergo the security awareness training?		
Do your employees hold Information Technology Security certifications and/or secure coding? If so, which ones?		