

Invitation to Tender: Provision of Software Engineering Management Services for OGC Validation Tools

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Open Geospatial Consortium (OGC) Compliance Program

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The Open Geospatial Consortium (OGC) is inviting organizations to bid for providing Software Engineering Management Services for OGC validation tools to the OGC Compliance Program.

1. Background

The OGC is an international consortium of more than 500 businesses, government agencies, research organizations, and universities driven to make geospatial (location) information and services FAIR - Findable, Accessible, Interoperable, and Reusable. The OGC Compliance Program provides a certification process that ensures organizations' solutions are compliant with OGC Standards. The certification process makes use of the OGC Validator tool which enables software developers to test whether their products comply with OGC Standards.

1.1. Response Due Date

The deadline for responding to this Invitation to Tender (ITT) is 22:00hrs UTC on **July 15th, 2025**.

2. Details of the Invitation Tender

2.1. Tasks

The subject of this Invitation to Tender (ITT) is the provision of the following consulting services in support of the OGC Compliance Program. The Consultant shall:

- A. Work on issues and improvements related to [TEAM Engine](#) as recorded on OGC GitHub repositories. Merge and comment on pull requests.
- B. Work on issues and improvements related to [Executable Test Suites](#) used by TEAM Engine, as recorded on OGC GitHub repositories. Merge and comment on pull requests.
- C. Work on issues and improvements related to Metadata Validation Tools developed by OGC. Merge and comment on pull requests.
- D. Work on assigned issues following the priorities provided by the Head of OGC's Compliance Program or delegated staff/contractor.
- E. Respond in less than 1 day to questions on the OGC GitHub repositories of TEAM Engine and Executable Test Suites.
- F. Work on other issues as agreed in weekly meetings with the Head of OGC's Compliance Program or delegated OGC/Contractor staff.
- G. Manage builds and releases of all the validation tools, including doing a monthly release of beta and 2 releases per year in the production web site.
- H. Manage the documentation for the OGC validation tools.
- I. Help improve overall the process of building, maintenance, integration testing, usage reporting, etc.

- J. Interact with test leads at least once per week to work on issues and improvements of the code.

2.2. Skills and Experience

Essential skills for delivery of the tasks include:

- Java Programming Language
- Java Enterprise Edition
- Configuration and deployment into Apache Tomcat

Desirable skills for delivery of the tasks include:

- Programming with TestNG, JUnit or other test harness
- Configuration and building with Apache Maven
- Configuration of automation with Jenkins
- Configuration and containerization with docker
- Familiarity with OGC Standards

2.3. Timescales

The timescales of the contract are listed below:

- A. The Period of Performance (PoP) of the contract shall be 6 months.
- B. A two-hour Virtual Kick-Off meeting will be held within the first week of the PoP.
- C. The Consultant shall commit source code to relevant OGC GitHub repositories on a weekly basis and deliver any documentation developed for the purpose of providing the Services/Scope of Work, along with associated documentation, drawings, and notes, including information concerning special components identified for use in providing the Services.

2.4. Payment

The payment terms of the contract are as follows:

- A. It is to be noted that this is a time and materials (T&M) model of engagement for the consulting services.
- B. The billable hours shall not exceed 50 hours per month.
- C. All invoicing and payments under this contract shall be in United States Dollars (USD).

2.5. Intellectual Property Rights

The following intellectual property rights shall apply to all outputs of work conducted under this contract:

- A. The copyright of all source code produced under this contract shall be owned by the Open Geospatial Consortium (OGC).

- B. The source code produced under this contract shall be licenced through Version 2 of the Apache Software Licence
(<https://github.com/opengeospatial/teamengine/blob/master/LICENSE.txt>)

3. Tendering Instructions

3.1. Selection and Agreements

Bidders may submit questions via timely submission of email(s) to the OGC Standards Team standards-team@ogc.org. Question submitters will remain anonymous, and answers will be shared with other bidders.

Following the closing date for submission of proposals, OGC will evaluate received proposals and negotiate a Participation Agreement (PA) contract, including a Statements of Work (SOW), with the selected Bidder.

3.2. Kick-off

The Virtual Kick-Off meeting will be held to introduce the Consultant to other OGC staff and contractors involved in the Compliance Program. The Virtual Kick-Off meeting will be held using teleconferencing software provided by OGC.

3.3. Regular Teleconference Meetings

After the Kick-off, the Consultant will meet on a weekly basis with the Head of OGC's Compliance Program or delegated OGC/Contractor staff.

3.4. Validity

A Tender submitted in response to this ITT should remain open for acceptance for a period of 60 days. Any Tender valid for a shorter period may be rejected.

3.5. Pricing

All prices must be expressed in United States Dollars (USD) per hour.

3.6. Availability

The maximum number of hours per month that the Consultant will be available to work for the OGC Compliance Program must be stated in the proposal.

4. Proposal Submission Guidelines

4.1. General requirements

- A. Proposals must be submitted before the appropriate Response Due Date indicated in Section 1.1 of this ITT.
- B. The Consultant must attend the virtual kick off meeting with at least one technical representative.

- C. OGC will provide a teleconferencing system for weekly teleconference meetings. No other facilities will be provided to the Consultant.
- D. Information submitted in response to this ITT will be accessible to OGC staff. This information will remain in the control of OGC staff and will not be used for other purposes without prior written consent of the Bidder.
- E. The selected Bidder will be required to enter into a Participation Agreement contract ("PA") with the OGC. Each PA will include a statement of work ("SOW") identifying Participant roles and responsibilities.

4.2. Eligibility

Any organization may respond to this ITT, whether that organization is an OGC Member or not.

Proposals from non-members or individual members will be considered provided that a completed application for organizational membership is submitted prior to or with the proposal.

For further information on OGC membership, [contact us here](#).

4.3. What to Submit

The Proposal should be based on the Proposal Template at the URL below and must include the following:

- Cover page
- Overview (Not to exceed one page)
- Curriculum Vitae of the Proposed Staff from the Bidding Organization
- Availability of the Proposed Staff from the Bidding Organization
- Price/Labor Rate of the Proposed Staff from the Bidding Organization

Proposal Template:

https://portal.ogc.org/files/?artifact_id=111467

Additional instructions are contained in the template itself.

4.4. How to Transmit the Response

Proposals must be submitted to the OGC Standards Team (standards-team@ogc.org).

The format of the proposal must be Portable Document Format (PDF) or Microsoft Word.

Proposals must be submitted before the appropriate response due date indicated in Section 1.1 of this ITT.

Any questions from bidders should be sent to the OGC Standards Team (standards-team@ogc.org).