



Khronos Group
Request for Proposals

CTS 2026

October 2025

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Request for Proposals: CTS 2026

1. Background

The OpenXR Working Group (OWG) has an active Conformance Test Suite (CTS) program¹. That software needs to stay current with the OpenXR Specification² and be bug-free.

2. Summary

The following table non-normatively summarizes this RFP. The referenced section provides the normative requirements or limitations.

Table 1: Non-normative summary of critical dates and contact for this RFP

Item	Date	Reference
Contract type	Time & Materials (T&M)	§4. Scope
Available Funds	\$220,000	§7. Schedule and Budget
Contract end	30 November 2026	§7. Schedule and Budget
Contact (during bidding)	2026_cts@lists.khronos.org	§9. Selection Process
Bids due	6:00am PST - 1 December 2025	§9. Selection Process
Notification date	19 December 2025	§9. Selection Process
Bids good until	22 December 2025	§9. Selection Process
Anticipated start date	5 January 2026	§9. Selection Process

3. Methodology

Khronos has a limited budget for this project of \$220,000 for work to be completed by 30 November 2026. The contract will be based on time and materials. The initially planned task list is in §4. Scope, though the list may be changed or refined by the working group to stay within the contract limit.

This RFP is being publicly circulated to ensure that it is getting good value for the work delivered. Any organization or individual may submit a bid.

- Contractor selection is described in [§9. Selection Process](#).
- The contracting process is described in [§10. Contracting Agreement](#).

- Any follow-on work is described in [§11. Project Continuation](#).

4. Scope

This is a Time & Materials contract. The contractor's primary tasks are to implement tests for OpenXR on a time and materials basis, other work may be undertaken for the OpenXR Working Group on a time and materials basis. Exact work schedules would be agreed in writing between Khronos and Contractor during regularly scheduled meetings.

The contractor shall:

1. Hold weekly meetings to review progress and identify issues that need to be addressed
2. Respond to OpenXR Working Group requests that are within the scope identified above
3. Deliver technical development and management hours consistent with the assigned tasks
4. Provide for the update and release of the CTS as directed by OpenXR WG
5. Provide regular updates to OpenXR WG

Project funds will not be used for any of the following items

1. **Specification Creation** - Contractor may not project funds to create or provide feedback, suggestions, or clarification and style edits on existing or proposed specification text including editing language, voice, format, and style.
2. **Reviews and Feedback** - Contractor shall not use project funds for reviews and/or feedback outside the scope defined above.
3. **New Submissions** - Contractor shall not use project funds to create specification submissions.
4. **Travel** - Projects funds shall not be used to fund or reimburse travel.

It is expected that a member representative from the CTS Contractor will attend an appropriate portion of the weekly OWG meetings, the exact frequency and duration to be determined by the Chair of OWG.

6. Deliverables

The contractor shall deliver to OWG a short progress report. The Chair of the OWG shall determine the frequency of the progress report. The contractor will use the existing email list(s) for communicating to OWG or other means as determined by OWG Chair. The contractor will work under technical direction of the OpenXR Working Group Chair or others as directed by the Chair of OWG.

Deliverables include

1. CTS Source code - both new and revised to reflect the current specification and requirements of OWG.
2. CTS Build products as directed by OWG.

3. Other artifacts as required by OWG.
4. Management of the CTS repository¹ based on Khronos standard practices

Asset files, including all source code and documentation, must be provided with clear license information. The current process is to identify all asset files with the REUSE process. This is in place for the current work and there are no plans to change it.

The Contractor will contribute the Work Product directly in Khronos-internal GitLab repositories that are publicly released under the license and copyright specifications defined here.

7. Schedule and Budget

Khronos is funding this work at an average rate of \$20,000 per month from 1 January 2026 (or the start of the contract, whichever is later) through 30 November 2026. The available budget for this work is \$220,000. The bidder may propose a slightly larger amount provided that full justification is provided for any funds above the stated limit. If a larger amount is bid, then the bidder must describe the work that would be done within the budget limit.

All work on this contract must be completed by 30 November 2026. There will be no time extensions. Prior to conclusion of the contract OWG will evaluate if additional work is required and create a new contract. Bidders may propose other monthly rates or work profiles that are not uniform, but those need to be justified in the Proposal.

Payments shall be made monthly provided the invoice for the preceding month is submitted by the 10th of the month. In any case, no invoice shall be submitted after 10 December 2026.

8. Requirements (Normative)

The Requirements for this work are as follows :

- Familiarity with the OpenXR Specification
 - Ability to navigate and interpret the OpenXR Specification document in detail
 - Experience working with the OpenXR XML registry
- Required Development Skills and Toolchains
 - C++14 and newer
 - Catch2 testing framework
 - Cross-platform development (Windows, macOS, Linux)
 - CMake
 - Gradle with Android Gradle Plugin
 - Python and Jinja2 templating (for code generation from spec)
 - Git, GitLab CI, GitHub Actions
 - Working knowledge of modern software maintenance, CI, and release engineering practices.

- Familiarity with one or more OpenXR-compatible devices
- Access to one or more OpenXR-compatible devices
- Working knowledge of AsciiDoc, for maintenance of the CTS usage document
- Familiarity with graphics APIs
 - Working knowledge of Vulkan
 - Working knowledge of OpenGL and OpenGL ES
 - Working knowledge of Direct3D 11 and Direct3D 12
 - Basic knowledge of Metal (graphics API)

9. Selection Process

Khronos shall designate a Khronos RFP Manager and will use an RFP email list (2026_cts@lists.khronos.org) that can be used to contact the RFP Manager and all other Khronos members involved in the bid selection process. No Khronos member making a bid shall be on the RFP list. Any organization considering making a bid in response to the RFP should notify the RFP list as soon as possible. Any potential bidder may request additional information and submit questions directly to the RFP manager or on the RFP email list. Any additional Khronos information and RFP clarifications will be distributed equally to all potential bidders.

All bidders should provide the following information in the format of their choice:

- Proposed schedule, assuming work starts on **5 January 2026**
- Confirmation that if your bid is accepted, you are willing to work under the terms of the Khronos Contractor Agreement³.
- Any issues or risk factors that they wish to highlight.
- Rate by category of people in support of this project.
- Supporting materials, including background materials about their company, highlighting experience and expertise relevant to this project.

RFP responses are requested by **6:00am PST (GMT-0800) on 1 December 2025** and should be sent to the RFP list. Bidders may update their bid as they wish before the submission deadline. In exceptional circumstances a requested submission deadline extension may be issued to all bidders at Khronos' discretion. All bids must be good until **22 December 2025**.

Khronos will evaluate all bids and select the bid based on stated and relevant expertise; innovative ideas, including the use of AI within terms of the Contractor's Agreement³; rate and budget; schedule; and previous Khronos experience. Special consideration will be made for bidders making use of AI to improve the overall process and/or reduce cost.

Khronos expects to announce the selected bid within two weeks after the submission deadline and will immediately notify all bidders and enter into contract negotiations with the selected bidder to finalize deliverables and payment schedule. Khronos will immediately notify all other bidders once contract negotiations are complete or by 19 December 2025. In the case contractual agreement cannot be reached, Khronos may select an alternative bidder and re-enter negotiations.

Work can start immediately when the contract is negotiated and executed by both parties.

10. Contractor's Agreement

The selected contractor will be required to execute the Khronos Contractor's Agreement³ with Milestones and Costs entered into Exhibit B and Contractor Disclosures entered into Exhibit C. The Contractor's Agreement contains statements on the use of AI for this project. It is important that all bidders be aware of these requirements and limitations prior to submitting a bid and agreeing to terms in the Agreement.

No work shall begin, and Khronos shall be liable for no costs or expenses, until the selected contractor is in receipt of a mutually executed Contractor's Agreement.

It is important that contractors understand that, under the terms of the Contractors Agreement, Khronos will assess progress on a regular basis and reserves the right to terminate or renegotiate the contract in the event of insufficient progress or other issues.

11. Project Continuation

Khronos might consider possible extensions and follow-ons to this project. Successful completion of this project by the contractor enables bidding or assignment on any future follow-on work.

12. References

1. [OpenXR Conformance Test Suite](https://github.com/KhronosGroup/OpenXR-CTS) [<https://github.com/KhronosGroup/OpenXR-CTS>]
2. [OpenXR Specification 1.1](https://registry.khronos.org/OpenXR/specs/1.1/html/xrspec.html)
[<https://registry.khronos.org/OpenXR/specs/1.1/html/xrspec.html>]
3. Khronos Contractors Agreement - <https://members.khronos.org/document/dl/30507>