



Khronos Group
Request for Proposals
OpenCL SDK Maintenance
September 2026

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1. Background

The OpenCL SDK [1] is the Khronos-maintained open source collection of OpenCL samples, utility libraries, language bindings, continuous integration (CI) infrastructure, and the OpenCL Guide. It is hosted on GitHub and maintained by the OpenCL Working Group.

The goal of this project is to address identified bugs and issues in the SDK and to improve its functionality and usability.

2. Methodology

This Request for Proposals (RFP) is being circulated to all Khronos members and is also published publicly. Any interested party is welcome to respond.

Khronos has a fixed budget for this project. Budget and payment terms are described in Section 5.

A Khronos Slack channel will be used for project communications. Any interested Khronos member may join the channel, and the selected contractor will be given guest access if they are not a Khronos member. Short status and progress reports should be prepared for the weekly OpenCL Working Group meetings and circulated on the Working Group email list.

All code development shall take place in the public OpenCL SDK repository [1], using GitHub pull requests and issues reviewed by OpenCL Working Group members.

3. Scope

The project should start with a short planning phase that prioritizes the work items below according to their expected benefit. Priorities shall be agreed with the OpenCL Working Group before implementation work starts. The contractor will then complete as many work items as possible, in the agreed priority order, within the project budget.

3.1 Reviewing and dispositioning open pull requests, in particular:

- [SDK PR 110](#) Added new sample to demonstrate OpenCL-Vulkan interop with ocean surface simulation
- [SDK PR 124](#) Add Ocean OpenCL-OpenGL interop demo

3.2 Diagnosing and fixing open issues related to test failures, identifying whether these are due to problems in the SDK itself, to CI, or the implementations used for testing, such as:

- [SDK Issue 104](#) Fix and Re-Enable Python Testing on macos
- [SDK Issue 105](#) Fix and Re-Enable Ruby Testing on macos-latest
- [SDK Issue 146](#) Sample Failures on macos - multidevice and callbackcpp

3.3 Completing additional work items (lower priority than 3.1 and 3.2), such as:

- Refresh and update the OpenCL Guide, for example to document use of OpenCL 3.1 and SPIR-V, direct use of OpenCL by applications such as llama.cpp, and indirect use of OpenCL through layered programming models such as SYCL and chipStar.
- Process other open issues. Some will only need a polite response to the submitter; others may require changes or additions to the SDK.
- New samples, for example demonstrating command buffers.
- Other SDK ergonomic improvements.

4. Deliverables

All code, samples, and documentation produced under this project shall be merged into the public OpenCL SDK repository [1] through pull requests reviewed by the OpenCL Working Group.

At project close, the contractor shall provide a short report summarizing the work completed, the status of any work items not completed, and recommendations for future maintenance.

Acceptance criteria: discussion, code review, and acceptance of each deliverable by the OpenCL Working Group.

5. Schedule and Budget

Khronos has a fixed budget of USD \$35,000 for this project. Bids should describe the scope of work the bidder proposes to deliver within this budget; bids should not exceed it.

Khronos expects work to start in the second half of October 2026 and to be completed, accepted by the OpenCL Working Group, and invoiced before the end of 2026.

Payment will be made in a single installment on completion and acceptance by the OpenCL Working Group of the prioritized work items agreed during the planning phase.

6. Selection Process

Questions and bids should be sent to the RFP email list at openccl-rfp@lists.khronos.org, which reaches the RFP Manager and the OpenCL Working Group members involved in bid selection. Bidders may send email to this address but will not be subscribed to the list, and no Khronos member submitting a bid shall participate in the selection process.

Any company considering a bid should notify the RFP list as soon as possible. Potential bidders may request additional information and submit questions to the RFP Manager or the RFP list. Any additional Khronos information and RFP clarifications will be distributed equally to all potential bidders.

Bid submission deadline: 5PM PT, October 7, 2026.

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

- Proposed scope: an initial estimate of which work items from Section 3 the bidder aims to complete within the fixed budget, and in what priority order.
- Proposed schedule, assuming work starts in the second half of October 2026.
- Confirmation that, if the bid is accepted, the bidder is willing to work under the terms of the Khronos Contractor Agreement [2].
- Any issues or risk factors the bidder wishes to highlight.
- Supporting materials, including background information about the bidder's company and experience and expertise relevant to this project.

Khronos will evaluate all bids and select the winning bid based on the proposed scope, schedule, and relevant experience and expertise.

Khronos expects to announce the selected bid within two weeks of the submission deadline. Khronos will immediately notify all bidders and enter contract negotiations with the selected bidder to finalize deliverables and the payment schedule. Khronos will notify all other bidders once contract negotiations are complete. If contractual agreement cannot be reached, Khronos may select an alternative bidder.

Work can start as soon as the contract has been negotiated and executed by both parties.

7. Contractor Agreement

The selected contractor will be required to execute the Khronos Contractor Agreement [2] with Costs (and any agreed Milestones) entered into Exhibit B and Contractor Disclosures entered into Exhibit C.

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 Agreement.

It is important that contractors understand that, under the terms of the Contractor 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.

8. References

[1] OpenCL SDK Repository: <https://github.com/KhronosGroup/OpenCL-SDK>

[2] Khronos Contractor Agreement: <https://members.khronos.org/document/dl/23303>