



EOS Network
Foundation

On behalf of the EOSIO+ Coalition

Audit+

Secure Smart Contract Libraries

**RESPONSES TO THIS REQUEST FOR PROPOSAL ARE
DUE BY OR BEFORE
22 AUG 2022**

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1.0 RFP GENERAL INFORMATION

The EOS Network Foundation (“ENF”), on behalf of the EOSIO+ Coalition, is conducting this Request for Proposal (“RFP”) to develop six commonly used smart contract templates, and open them to developers in the community. This will allow inexperienced developers to develop secure smart contracts by using or learning from development examples, thereby reducing hacker attacks.

This RFP is being issued to a select group of companies and/or individuals, which are hereafter referred to as “Respondent”.

This RFP specifies requirements from the EOSIO+ Coalition and invites proposals from Respondents for the provision of services defined within it. The EOSIO+ Coalition reserves the right to award contracts in any manner including but not limited to a single Respondent for all or some of the requirements, and multiple Respondents for components of the requirements.

1.1 CONFIDENTIALITY

This RFP is confidential to the EOSIO+ Coalition. Persons or groups submitting proposals (“Respondents”) must not, and agree they will not, distribute this document or the information contained within it to any third party, including the wider EOSIO community, without the written agreement of the EOSIO+ Coalition.

1.2 RFP DOCUMENTS

The EOSIO+ Coalition reserves the right to modify the requirements of this RFP as well as the process utilized by this RFP at any time.

No Reimbursement for Costs. Respondent will incur all costs associated with creating a response to this RFP, no matter the expense. This includes any costs incurred due to delays by the EOSIO+ Coalition in responding or in making a decision.

Authority. By submitting a response for your company, you attest that you have full power to enter into the submission of this RFP response on behalf of your company.

1.3 RESERVATIONS FOR AWARD AND REJECTION OF PROPOSALS

This RFP is not an offer to contract. Even if the Respondent provides a solution that meets all requirements, the EOSIO+ Coalition is not obligated to enter an agreement. The EOSIO+ Coalition reserves the right to make no selection or may choose any Respondent at its sole discretion. The EOSIO+ Coalition is not obligated to explain its decision making process to any external parties, including the Respondents.

After evaluating the proposals, the EOSIO+ Coalition will make a determination of which solution provides the highest value to EOSIO+ Coalition. The selected Respondent may be provided additional proposed conditions for entering into a contract with the EOSIO+ Coalition.

1. The EOSIO+ Coalition reserves the right to request additional information from any or all Respondents to evaluate any or all proposals.
2. Before awarding a contract, the EOSIO+ Coalition may request evidence of qualifications, insurance, or other information deemed necessary.
3. The EOSIO+ Coalition may choose to modify the requirements within this RFP when negotiating a contract with the selected Respondent.
4. The EOSIO+ Coalition reserves the right to amend the schedule published within this RFP.
5. The EOSIO+ Coalition may disqualify a proposal if the deadlines stated within this RFP are not met.

1.4 FORMAT REQUIRED FOR RFP RESPONSES

This section describes the format and content required for responses. **Failure to conform to these guidelines may result in disqualification of the response.**

1. Any information provided above what has been specifically requested may be submitted as a separate document only if it adds value specifically to deliberations about this RFP.
2. For each question in Exhibit B, a simple affirmation that the requirement is met will not be considered complete. Each question requires a short, concise explanation as to how the requirement will be met.
3. Occasionally, the Respondent may offer an explanation that explains how more than one requirement will be met. Is it acceptable to copy / paste the same answer for multiple requirements. However, questions should not be grouped together.
4. Pricing not included in this response will not be considered valid cost elements if the Respondent is selected.
5. The Exhibits should be submitted in a Microsoft Word document, Google Doc, or PDF. The pricing spreadsheet may be submitted in a Microsoft Excel document, Google Sheets document, or PDF.

2.0 INTRODUCTION

2.1 FOUNDATION OVERVIEW

The EOS Network Foundation exists to contract the development of world-class corporate identity and branding elements of the organization with a mission to do the following:

- Convey unity amongst participating stakeholders;
- Emote technical excellence and promise of a better future; and
- Express the cohesive vision of improving the world and lives of every individual through new efficient and equitable ways for individuals to empower themselves through fair dealings with other individuals.

2.2 REQUEST FOR PROPOSAL QUESTIONS

After reading this RFP, it is expected that Respondents will need clarification on a variety of points. Respondents must submit questions by the scheduled deadline listed below. The EOSIO+ Coalition will consolidate questions from all Respondents into a single document but remove any reference to which Respondent asked a particular question. The consolidated answers will be distributed to all Respondents per the schedule below.

Submit any questions regarding this RFP to:

operations@eosnetwork.com

2.3 RFP SCHEDULE

The following schedule will be followed to complete the selection of a Respondent to this RFP. Respondents must adhere to this schedule or risk disqualification.

Step	Activity	Deadline
01	RFP released to Respondents	15 AUG 2022
02	Respondents submit Intent to Bid	22 AUG 2022
03	Questions about the RFP by Respondents submitted back to ENF	29 AUG 2022
04	Answers to Respondent questions published to all Respondents	2 SEP 2022
05	RFP responses (Exhibits A & B) to be submitted to ENF	16 SEP 2022
06	Business awarded	23 SEP 2022

3.0 PROJECT INFORMATION

3.1 PROJECT SCOPE

3.1.1 BUSINESS REQUIREMENTS

ID	Requirement
Development Kit	
BR01	The solution will provide a repository for EOSIO contract developers to share and use community libraries and templates.
BR02	The solution will provide an EOSIO contract starter kit to create a new contract project quickly.
BR03	The solution will provide a clear and detailed online API documentation.
Swap Contract Template	
BR04	The solution will introduce a smart contract template that implements the swap feature, enabling the exchange of one token held for the equivalent value of another token.
BR05	The solution will introduce a smart contract template that implements the liquidity pool feature, enabling tokens to be pooled together to generate higher levels of liquidity for faster transactions.
NFT Standard Contract Template	
BR06	The solution will introduce a smart contract template that implements the transfer feature, enabling non-fungible tokens to be transferred directly from one wallet address to another.
BR07	The solution will introduce a smart contract template that implements the mint feature, enabling the creation of a new non-fungible token aligned with existing token standards.
Flash Loan Contract Template	
BR08	The solution will introduce a smart contract template that implements the borrow feature, enabling tokens to be borrowed for the duration of a transaction without collateral.
BR09	The solution will provide multiple callback examples.
Stable Coin Contract Template	
BR10	The solution will introduce a smart contract template that implements the collateral

	feature, enabling a token to be collateralized with a fixed asset held in reserve.
BR11	The solution will introduce a smart contract template that implements the position management feature, minimizing fluctuations in value of a token away from the asset it is pegged to.
BR12	The solution will introduce a smart contract template that implements the withdraw feature, enabling tokens to be exchanged for the fixed asset they are backing by in reserve.
Lending Contract Template	
BR13	The solution will introduce a smart contract template that implements the deposit feature, enabling tokens to be deposited for lending activity purposes in exchange for interest.
BR14	The solution will introduce a smart contract template that implements the withdraw feature, enabling tokens to be withdrawn from deposit accounts used for lending activity.
BR15	The solution will introduce a smart contract template that implements the borrow feature, enabling tokens to be deposited into a wallet as a loan with agreed upon repayment terms.
BR16	The solution will introduce a smart contract template that implements the repay feature, enabling wallets to repay portions of loaned tokens established in loan terms.
Utilities Library	
BR17	The solution will provide log utility.
BR18	The solution will provide price feed utility.

3.1.2 TECHNICAL REQUIREMENTS

ID	Requirement
TR01	The repository will support multi-system development platforms.
TR02	The library and template code will follow the established EOS conventions for naming accounts, actions, tables, etc.
TR03	Every library has an explicit version and upgradeability.

3.1.3 PERFORMANCE AND EXTENSIBILITY REQUIREMENTS

ID	Requirement
PER01	The contract template stores only the information that is necessary to be stored on a blockchain.
PER02	The solution will provide an essential data table migration guide when necessary.

3.1.4 SECURITY REQUIREMENTS

ID	Requirement
SR01	The solution will include the completion of two independent audits across the full scope of contract templates.
SR02	The solution will provide native tester code for every contract and maximize test coverage.
SR03	In the documentation, it will provide security advice for abstract methods.

3.2.4 DEPLOYMENT AND MAINTENANCE REQUIREMENTS

ID	Requirement
DMR01	The solution will be stored in a public GitHub library.
DMR02	Respondent will fix errors in the solution's codebase found within six months of the deployment on the last chain.
DMR03	Respondent will provide consultancy options to assist other chains in deploying the solution.

4.0 RFP RESPONSE GUIDELINES

4.1 SUBMISSION AND RECEIPT OF PROPOSAL RESPONSES

For consideration, proposals must be received ahead of the scheduled deadline stated within this RFP. Any proposals submitted after the deadline or deemed incomplete **WILL BE REJECTED** unless a specific exemption is granted by the EOSIO+ Coalition at its sole discretion.

Proposals must be submitted electronically. Submit the proposal and/or any questions related to this RFP to:

operations@eosnetwork.com

4.2 STRUCTURE OF RFP RESPONSE

Respondents should structure their proposals with the two sections listed in the Exhibits:

Exhibit A: Certificate of Authority

Exhibit B: RFP Questionnaire

Additional information (marketing materials, case studies, etc) may be submitted in a separate document.

EXHIBIT A - CERTIFICATE OF AUTHORITY

The undersigned certifies that he/she has the complete authority to contractually bind the proposing company and to submit a response to this RFP on the company's behalf. The undersigned has read all components of this proposal, including any exhibits and attachments. By submitting this signed proposal, the undersigned acknowledges an intent to accept a contract if this proposal is selected by the EOSIO+ Coalition.

Signed Name (printed)	
Title	
Legal Name of Respondent Submitting	
Address One	
Address Two	
City / State / Postal Code	
Email Address	
Phone	
Telegram Handle (if applicable)	
Company URL	
Authorized Signature	
Date Proposal Submitted	

EXHIBIT B - QUESTIONS

Respond to all questions within a copy of this document and return your response as either a Google Doc or a Microsoft Word document.

RESPONDENT COMPANY OVERVIEW

1. State the full name, address, and other contact information of your company. Indicate what legal entity type your company operates as (e.g. individual, partnership, corporation, etc) and in which country and state / province / territory is it registered.
2. Indicate if you will be using subcontractors. If so, provide the information in item #1 for each subcontractor and indicate which areas of this project the subcontractors will complete.
3. Provide a brief summary of your company including history, operating model, and growth trajectory of the previous five years. Include sufficient information to demonstrate your capability to manage a project of this size and scope.
4. Provide evidence of your financial strength / stability.
5. Has your company ever been party to any litigation concerning the government entities you listed as your registration in item #1. Is there any pending litigation against your company?

KEY PERSONNEL AND SUBCONTRACTORS

6. For key positions on the project, such as technical architect, project manager, delivery manager, etc, describe the individual's role on the project, their position within your organization, where they will physically work during the project, and decision making authority they will have on the project. Specify the individual's professional background only as it applies to their ability to deliver this project.
7. If the project will use subcontractors, include a full list of subcontractors and a description of those individuals' roles on the project along with an overview of their professional background as it applies to their role on the project. Respondents will be responsible for the performance of any subcontractors included within the project team.

TECHNICAL QUALIFICATIONS

8. Include a description of how each requirement (in Section 3) will be met.

9. If your company's solution will not meet every requirement defined in Section 3, please identify which requirements will not be met.
10. Provide examples of similar projects that your company has successfully delivered.

APPROACH AND METHODOLOGY

11. Detail your project management methodology and collaboration methodology.
12. Describe your approach to changes to the project scope.
13. Describe your approach to post-implementation support and transferring approach knowledge to the EOSIO+ Coalition staff.
14. Would you project and service level guarantees in our agreement?

REFERENCES

15. Supply three references of customers to whom you provided similar solutions.

SOLUTION COST AND SCHEDULE

16. Provide a spreadsheet identifying the total costs of the solution outlined in Section 3. Identify as applicable: labor, software licensing, maintenance / support fees, hardware, and other expenses.
17. Detail the payment schedule and include any milestones that may trigger a payment
18. Provide a rough estimate of the project schedule.