

# Zcash Community Grants (ZCG) Request For Proposal (RFP) Unified Address support & implementation by exchanges

## 1. Project Description

The Zcash Community Grants (ZCG) committee is inviting qualified companies (Grantee(s)) to submit a proposal to integrate unified addresses on their platform for all Zcash deposits and withdrawals.

Zcash is a privacy-focused cryptocurrency that provides users with the option to make transactions that are either transparent or shielded. The current address format used by exchanges allows for transparent transactions only. However, the introduction of the unified address format provides users with the optionality of using the Orchard shielded pool, transparent transactions, ecosystem wallets, and in the future will provide access to Zcash shielded assets. Exchanges are not required to support shielded transactions and may complete the requirements of the RFP by adding support for parsing transparent addresses from the unified address format.

The integration of the unified address format into exchanges is one of the highest priorities across the Zcash ecosystem. This integration will allow users to take advantage of the full range of privacy options offered by Zcash, and will also improve the overall security and privacy of transactions on the platform.

The Grants Committee is committed to funding the integration of the unified address format into exchanges and is looking for proposals from exchanges that demonstrate a commitment to this goal. The committee will prioritize funding for those proposals that clearly articulate the benefits of the unified address format, the steps necessary for its integration, and the technical expertise and resources required to complete the project.

The integration of the unified address format is an important step in the growth and development of the Zcash ecosystem, and the Grants Committee is committed to supporting its adoption and implementation. The exchange chosen to integrate the unified address format will play a critical role in shaping the future of the Zcash ecosystem, and the Grants Committee is eager to work with the chosen exchange to bring this project to fruition.

The relationship between the winning Grantee(s) and ZCG shall be that of a grantee and grantor, governed by [standard grant terms and conditions](#).

## 2. Project Assumptions

The following assumptions were made in the development of this Scope of Work:

- **Technical Expertise:** The exchange has the necessary technical expertise and resources to complete the project and integrate the new wallet type and unified address format into the platform.
- **Adequate Funding:** The grants committee will provide adequate funding to cover all reasonable costs associated with the project, including development, hardware, software, and licensing costs.
- **User Adoption:** Users will adopt the unified address format, and there will be no significant resistance to the change.
- **Technical Compatibility:** The unified address format will be technically compatible with the exchange platform and will not require significant modification or updates to the platform.
- **Ongoing Support:** The exchange will provide ongoing support and maintenance to ensure the continued functionality and security of the unified address format.
- **Legal and Regulatory Compliance:** The unified address format will be in compliance with all applicable laws and regulations, including those related to security, privacy, and data protection. Exchanges may parse the transparent address from a UA and are not required to use shielded pools.

These assumptions are based on the understanding that the project will be executed in a professional and timely manner, and that the exchange and the Grants Committee will work together to ensure its success. Any changes to these assumptions or any unforeseen circumstances that may arise during the project will be communicated promptly and addressed in a collaborative manner.

### **3. Scope of Work**

#### **Problem statement**

- This grant covers the integration of a new address schema for Zcash transactions using a unified address format. The objective is to have all transactions to and from the exchange use the unified address format. The transactions do not need to be shielded by default and exchanges may continue to send transparent transactions in the new format. The work will be prioritized in the exchange's backlog and the grants committee is committing to covering reasonable costs for development.

#### **Project goals and Required Elements (if applicable)**

- The goal of this project is to provide a seamless and secure experience for users who transact in Zcash on the exchange, and to ensure that the

exchange is in compliance with current best practices for Zcash wallet infrastructure.

- A successful implementation of the unified address format requires an exchange's users to be able to send ZEC to a unified address and receive ZEC by providing the user a unified address.

#### **Project tasks**

- Analysis and assessment of the current Zcash wallet infrastructure and existing address formats supported by the platform
- Development and integration of the new unified address format for Zcash transactions.
- Testing and quality assurance of the new wallet type to ensure its compatibility with the exchange platform.
- Deployment and implementation of the new wallet type, including any necessary updates to the exchange's user interface.
- User training and documentation to ensure smooth adoption of the new wallet type.
- Ongoing maintenance and support to ensure the continued functionality and security of the unified address format.

#### **Project deliverables**

- Deployment plan: A high level plan outlining the steps necessary for deploying the new wallet type and unified address format on the exchange platform, including any necessary updates to the user interface.
- Training/Informational materials: A set of training materials for users, which could include blog post, videos, presentations, and step-by-step guides, to ensure smooth adoption of the unified address format specific to your platform

#### **4. Supporting Documents** (delete if there are no attachments)

- Zcash improvement proposal 316: Unified Addresses and Unified Viewing Keys <https://zips.z.cash/zip-0316>
- Zcash Protocol Spec 5.6.4: <https://zips.z.cash/protocol/protocol.pdf>