

WDK in Ecommerce

Title	WDK in Ecommerce
Publish Date	Mar 24, 2026
Submission End Date	Jun 24, 2026
Reward	3'000 USDt

Problem Summary

What is the problem, deficiency, or gap which will be addressed by this project?

Ecommerce platforms currently lack seamless integration pathways for self-custodial cryptocurrency payments. Merchants wanting to accept USDt, BTC, or other WDK-supported assets face complex, fragmented tooling that requires deep blockchain expertise. No reference implementation exists showing how WDK can power checkout flows, payment confirmations, or embedded wallet experiences within ecommerce contexts.

Impact / Reason Why

What is the metric or goal this bounty aims to improve?

Enabling WDK-powered ecommerce payments directly expands the ecosystem's real-world utility and accelerates merchant adoption of Tether stablecoins.

Contributes to goals:

- Increase usage and adoption
- Expand capabilities,
- Increase the number of WDK-powered wallets.

Scope Items

What important items are in scope for the project?

- Integration of WDK into one or more ecommerce platforms (e.g., Shopify, WooCommerce, Magento, custom headless commerce)
- self-custodial payment checkout flow: customer pays from a WDK-powered wallet, merchant receives confirmation
- Support for at least USDt payments on one or more supported networks (Ethereum, Polygon, Arbitrum, Tron, TON, Solana)
- Transaction status tracking and confirmation UI
- Documentation covering integration architecture, merchant setup, and security considerations
- A short demonstration video (2–5 minutes)

Scope Exclusions

What important items are out of scope for the project?

- Fiat on/off-ramp integrations

- Custodial payment processing or escrow mechanisms
- Advanced DeFi features (swaps, bridges, lending)
- Full production merchant dashboard or analytics backend
- Compliance or regulatory tooling

Deliverables

What are the outputs that must be submitted?

- Public GitHub repository with complete source code
- Plugin, module, or SDK integration for the target ecommerce platform
- Documentation: setup guide, architecture overview, merchant integration walkthrough
- Demo video showcasing a complete payment flow from cart to confirmation

Acceptance Criteria / Definition of done

What needs to be achieved for this project to be considered completed?

- A customer can complete a checkout by paying with a WDK-powered wallet
- Payment confirmation is displayed to both merchant and customer
- WDK is correctly integrated for transaction signing, broadcasting, and status tracking
- Documentation is clear enough for a non-blockchain-specialist merchant to set up the integration
- Demo video demonstrates end-to-end payment flow
- All submitted code must follow clean code best practices, ensuring readability, modularity, meaningful naming, and maintainability.

Milestones

What are the intermediary checkpoints necessary to track project progress?

ID	Description	Deliverables	Reward
M1	Proposal & Platform Selection	Platform analysis, architecture document, integration plan	20% of grant
M2	Core Payment Flow	Working checkout integration with WDK, transaction signing and confirmation	40% of grant
M3	Final Delivery	Complete integration, documentation, demo video, and PR submitted	40% of grant

Success Indicators / Key Results

What are the key results that help us measure if this project was a success?

- 5+ merchants pilot the integration within 6 months
- Successful end-to-end payment transactions on testnet and mainnet

- Positive developer and merchant feedback

Applicants Requirements

What requirements that applicants must meet?

- Experience with ecommerce platform development or plugin creation
- Familiarity with payment processing flows and blockchain transactions
- Portfolio demonstrating relevant ecommerce or fintech work

Reward & Payment Schedule

What are the payout structure and conditions?

Payment split across milestones: 20% upon proposal approval, 40% upon working prototype, 40% upon final delivery and acceptance. Paid in USDt.

Resources & Links

What are additional useful links and resources for applicants?

- WDK Documentation: <https://docs.wallet.tether.io>
- WDK Indexer API: <https://docs.wallet.tether.io/tools/indexer-api>