Proposal for Juno Network Blockchain dApp Development Support

Overview:

We, Orkun Külçe and Hasan İrice, collectively bring a wealth of experience and expertise in blockchain development, particularly within the Cosmos ecosystem. With a proven track record of contributing to various projects, including Passage NFT Marketplace, StreamSwap, and CosmWasm documentation support, we are excited to submit our proposal to fulfill the role of dApp Development Support for the Juno Network.

Qualifications and Relevant Experience:

Orkun Külçe ([GitHub](), [LinkedIn]()):

- Ex-CosmWasm DevRel at Confio.
- Worked extensively on projects such as Passage NFT Marketplace and Juno Tools for tooling on Juno.
- Co-founder of Deus Labs, where significant contributions were made to CosmWasm ecosystem from NFT projects to DAO projects.
- Provided validator services for Juno Network with Deus Labs.
- Documentation support with many CosmWasm examples to facilitate CosmWasm learning in the community.

Hasan İrice ([GitHub](), [LinkedIn]()):

- Main contact person for the team.
- Experienced CosmWasm developer.
- Worked on Selenian Network startup building a Liquity like Collateralized Debt Position on Sei Network.
- Alumni of Interchain Developer Academy Cohort 5.
- Contributed to numerous NFT projects, including NFT Staking, Cw404 NFT Marketplace, and NFT Converter contracts.
- Written a proof of concept Quadratic Funding contract that uses NFTs for whitelisting under the mentorship of Orkun Külçe, this project is not deployed anywhere yet and we are aiming to deploy this project on Juno.

Proposed Approach and Methodology:

We propose a trial period of one month to demonstrate our capabilities and compatibility with the project. This timeframe will allow both parties to assess the effectiveness of our collaboration and ensure that it aligns with the goals and expectations of all stakeholders involved.

- dApp Support:
  - Utilize our extensive experience to provide comprehensive support and guidance to dApp requests. This includes troubleshooting technical issues, offering best practices, and facilitating collaboration within the Juno community. To clarify, we don't intend to write smart contract code on behalf of projects, nor do audits for the smart contracts.
- Faucet Maintenance
  - Maintaining the faucet is crucial as it is currently non-operational. Ensuring its functionality is a priority to support continuous development on Juno.
- Experimenting on a Juno ChatGPT Bot for Technical Chat Support on Juno Discord
- Long Term Goals:
  - Technical Documentation:
    - Refactor and Enhance Existing Juno Documentation: Review and enhance existing technical documentation for clarity, accuracy, and completeness. Ensure that documentation is up-to-date with the latest versions and development practices.
    - Develop New Documentation: Create new technical documentation as needed to address gaps in the existing documentation. This may include tutorials, code examples, and guides tailored to dApp building activities on Juno.
    - Accessibility and Usability: Prioritize accessibility and usability in documentation design to accommodate developers at all skill levels. Utilize clear language, diagrams, and interactive elements to enhance understanding and adoption.
  - Develop a Developer Pipeline
    - Building a Developer Pipeline will guide developers through their journey by providing organized information.

Note: We are flexible to discuss what needs to be done in accordance with the needs of Juno Network.

Service Level Agreement (SLA):

We will be responsible for the following tasks, ensuring comprehensive support and development facilitation for the Juno Network:

- Responsibilities:
  - Our team is committed to providing comprehensive support for dApp development and technical documentation, which includes:
    - Troubleshooting technical issues and offering best practices.
    - Facilitating collaboration within the Juno community.
    - Maintaining the Juno faucet.

- - ■ Maintaining and operating a Juno ChatGPT Bot for technical support on the Juno Discord channel.
    - ■ Enhancing existing technical documentation and developing new materials as required.

- ● Response Times:
  - ○ Triage Requests during working hours + 48 hours.

- ● Availability:
  - ○ Our team will be available during regular working hours from 9:00 AM to 5:00 PM GMT+3 on weekdays.
  - ○ Orkun will be available up to 2 hours per day, and Hasan will be available up to 5 hours per day, and a detailed calculation is given in the Pricing section for full time work.
  - ○ In the long term, we plan to build a ChatGPT Bot for Juno Discord. This Juno ChatGPT Bot will provide initial support responses outside of these hours.

- ● Reporting and Communication:
  - ○ Regular reporting will be provided on a weekly basis, ensuring the community is updated on the status and progress of ongoing tasks.

- ● Review and Adjustment of SLA:
  - ○ This SLA is subject to reviews and may be adjusted based on feedback from the Juno Network team and the observed performance of our services. These adjustments will ensure that the SLA continues to meet the needs of the Juno Network and adapts to any changes in project scope or operational requirements.

Pricing:

Our hourly rates and the calculation for full time work is given below. However, we are open to discussing adjustments to the pricing structure and budget allocation to accommodate any specific requirements or constraints identified by Juno Network.

Hourly Rates
- ● Hasan: $40 - $60 per hour
- ● Orkun: $52.56 - $78.84 per hour (1.314 times Hasan's rate)

Daily Hours
- ● Hasan: 5 hours per day
- ● Orkun: 2 hours per day

Weekly Calculation

Hasan's Weekly Hours:
- 5 hours/day×5 days/week=25 hours/week

Orkun's Weekly Hours:
- 2 hours/day×5 days/week=10 hours/week

Monthly Calculation

Assuming 4 weeks in a month:

Hasan's Monthly Hours:
- 25 hours/week×4 weeks=100 hours/month

Orkun's Monthly Hours:
- 10 hours/week×4 weeks=40 hours/month

Cost Breakdown

- Hasan's Monthly Cost:
Minimum:
    - 100 hours/month×$40=$4,000

    Maximum:
    - 100 hours/month×$60=$6,000

- Orkun's Monthly Cost:
Minimum:
    - 40 hours/month×$52.56=$2,102.40

    Maximum:
    - 40 hours/month×$78.84=$3,153.60

Total Monthly Cost

Minimum:
- $4,000+$2,102.40=$6,102.40

Maximum:
- $6,000+$3,153.60=$9,153.60

Potential Team Members for Future Work:

Expansion Plan:

- As we anticipate the growth and expansion of the project, we recognize the importance of scaling our team to meet evolving demands and challenges.
- Our vision includes the possibility of expanding the team with additional qualified individuals who share our commitment to excellence and collaboration as we do.

Potential Team Members

Ömer Yanar ([GitHub](#), [LinkedIn](#)):

- Senior Math student at Middle East Technical University in Ankara, one of the very prestigious universities in Turkey.
- Has comprehensive knowledge on DeFi projects and the working mechanisms behind them.
- Written many blog posts about DeFi projects in: https://arbnom.substack.com/
- Worked as a product manager under Can Kısagün for a start-up called Selenian Network building a Liquity like Collateralized Debt Position on Sei Network, he and Can Kısagün devised a novel CDP mechanism for this project before the start-up failed.

Adnan Deniz Çorlu ([GitHub](#), [LinkedIn](#)):

- Experienced CosmWasm and backend developer, currently working at OmniFlix Network.
- Worked on Deus Labs along with Orkun, and contributed to numerous projects.
- Maintainer of the juno.tools
- Stream Swap token distribution design, implementation, testing, and project management.

Potential Collaboration:

- As a team, we would like to take on the maintenance of juno.tools and we are eager to discuss with the Juno Development team and Adnan Deniz Çorlu about the possibility of taking on the maintenance of juno.tools.

References and Portfolio:

- Our portfolio includes successful contributions to various projects within the Cosmos ecosystem, demonstrating our expertise and alignment with Juno Network's goals.
- https://www.streamswap.io/
- https://juno.tools/
- https://app.passage.io/marketplace