

Public RPC Bounty - Tender requirement document (Tender 2B Extension)

The **Public RPC Bounty - Tender Requirements Document** outlines the criteria, processes, and standards for selecting and onboarding RPC service providers to support the Polkadot and Kusama ecosystems.

1. Extension of the existing Tender #2

With the recent approval of both Bounty extension proposals, an additional tender will be launched to cover chains that were not part of the original tender but are now included in the expanded scope.

Scope of the Tender:

- **Kusama Coretime** – 1 provider
- **Kusama People** – 1 provider
- **Polkadot People** – 2 providers
- **Polkadot Coretime** – 2 providers

2. Communication between Bounty Curators and Tenderers

A Telegram group is available for communication between the Bounty Curators and all Tenderers. This group serves as the primary platform for updates and coordination. Interested parties can join the group via the following link: [Telegram Group](#). The Bounty Curators will invite all eligible entities to participate in the discussions and share relevant updates regarding the tender process.

3. Key Tender #2 Dates

Date	Milestone
29th Dec 2024	Tender requirements document distributed to all interested entities.
19th Jan 2025	Deadline for submission of tender hash.
22nd Jan 2025	Deadline for submission of tender documents.
27th Jan 2025	Deadline for scoring of tender submissions.

29th Jan 2025	Announcement of successful tenders.
31st Jan 2025	End of Tender 1.
1st Feb 2025	Start of Tender 2.
1st July 2025	Start date for Tender 3 application process.
31st July 2025	End of Tender 2.
1st Aug 2025	Start of Tender 3.

Notice: This tender is valid for six months, commencing on 1st February 2025 and concluding on 31st July 2025. The subsequent tender round will begin in July 2025. Please note that the deadline refers to 23:59 UTC on the given date.

4. Tender #2B Extension Key Dates

Date	Milestone
7th Apr 2025	Tender requirements document distributed to all interested entities.
20th Apr 2025	Deadline for submission of tender hash.
22nd Apr 2025	Deadline for submission of tender documents.
27th Apr 2025	Deadline for scoring of tender submissions.
29th Apr 2025	Announcement of successful tenders.
1st May 2025	Start of Tender 2B.
31st July 2025	End of Tender 2B.

Note: This additional 3-month tender is designed to align with the end of Tender 2. It will be fully integrated into the regular six-month cycle starting August 1st, 2025.

5. RPC Provider Eligibility

Eligibility Criteria for Tender 2B:

- Providers from the previous tender who connected to the usage monitor before April 15th
- Participants who were not selected in previous rounds
- New applicants interested in contributing to the expanded network coverage

New applicants to this program must provide::

Requirement	Details
Company Registration and Incorporation (if available)	Provide evidence of registration and incorporation if available.
Staffing Information	Detail the size of the team and key personnel.
Expertise and Experience	Summarize qualifications to provide high-quality RPC services.
Capability Evidence	Demonstrate the ability to run RPC services under required conditions for one month.

6. Standard of Service

RPC Providers must deliver services as outlined in their agreements for six months. Performance will be monitored by an independent RPC monitoring service, which will provide metrics on uptime, latency, query responses, and upgrades. **All providers are required to connect their infrastructure to the shared service monitor** to provide an open and transparent usage metric. These metrics will be public and accessible to the community, ensuring transparency.

- Usage RPC calls are monitored through [Unified Prometheus/Grafana Monitor](#)
- The minimum service requirements are monitored through the following platform: [RPC Providers Monitoring Dashboard](#).
- Beside standard monitoring, there will be monthly service reports available in the following GitHub repository: [RPC Reports](#)

Standard	Requirement
Node Type	All nodes must be archive nodes.
Block Height	The difference between observed block height and real chain block height must not exceed more than 50 blocks.
Uptime	99% as measured by the Independent RPC Monitoring service over a 30-day period.
Latency	<200 ms from the region that the RPC is assigned to.
Upgrade Standards	Upgrades should be implemented: High Priority Releases within 24hrs; Medium Priority Releases within 72 hrs of release.

When an infraction occurs on any of the above standards, the RPC Provider will be deducted 5% of their next payment.

If an RPC Provider fails to perform the service to the required Standard of Service (e.g., there are more than three (3) infractions within any service period), the Curators are able (by majority vote) to terminate their agreements for breach of contract early and assign the remainder of their Service Agreement to the next best RPC Provider (based on scoring from the Tender evaluation). In this case, all unpaid fees will go to the next best RPC Provider that accepts the remainder of the Service Agreement. Repeated infractions (more than three within a service period) may lead to contract termination and reassignment of the service agreement to another provider.

7. Tender Submission and Evaluation

Tender 2B submissions will adhere to the following timeline:

Date	Milestone
20th Apr 2025	Deadline for submission of tender hash.
22nd Apr 2025	Deadline for submission of tender documents.
27th Apr 2025	Deadline for scoring of tender submissions.
29th Apr 2025	Announcement of successful tenders.

8. Suggestions on the Number of RPC Providers

The supported number of networks will follow the initial bounty recommendation and existing budget. Going forward, based on the latest tender data and network expansion, we recommend including newer system chains and the Paseo testnet. Reevaluation is recommended in the next bounty top-up proposal to ensure that the allocation remains aligned with network growth and requirements.

Polkadot

Network	Size (Millions of Requests per Day)	Number of Providers
Polkadot	> 30 million	7
AssetHub	< 2 million	4
BridgeHub	< 500K	3
Collectives	< 1 million	2
People	< 1 million	2
Coretime	< 1 million	2

Kusama

Network	Size (Millions of Requests per Day)	Number of Providers
Kusama	> 20 million	5
AssetHub	< 2 million	2
BridgeHub	< 100K	2
Coretime	< 50K	1
People	< 50K	1
Encounter	< 50K	1

Testnets

Network	Size (Millions of Requests per Day)	Number of Providers
Westend	~ 4 million	1

9. Tender Submission Format

The following is a suggested format for all RPC Providers to consider when submitting their Tenders. Please note that RPC Providers are free to submit the Tender in whatever format they choose, but it is recommended that it addresses factors considered when scoring providers:

- **Introduction:** Background about the team and company, mission and belief, experience in running RPCs or production infrastructure.
- **Accounts with set Onchain identity:** Polkadot and Kusama accounts must have an onchain identity set.
- **Proposal:** Type of service and nodes, rate limits, free usage limits, location of nodes, boot nodes (if provided), performance in previous quarter(s), additional features, and benefits to the community.
- **State of Readiness:** Time to initiate service.
- **Cost:** Breakdown for each Relay/System chain.
- **Community Engagement:** Notable participation in community initiatives, contributions to open source, maintenance of tooling, or pro bono service to parachains.
- **Usage Metrics:** Provide metrics for connections, RPC requests, and data egress volumes.
- **SLA Adherence:** Show evidence of compliance with previously agreed SLAs.
- **Scalability:** The service offered in the tender should correspond to the delivered service numbers in the previous period.

10. Tender Score Sheet

The tenders will be evaluated using the following criteria:

Criteria	Details
Cost	Detailed breakdown for each Relay/System chain. Lump sum amounts are not acceptable.
Performance in the Previous Quarter	Scores based on reports from independent monitoring service. New applicants receive the median score of existing providers.
Boot Nodes	Points awarded for providing free boot node support.
Community Support & Innovation	Participation in community initiatives, technical support, and tooling contributions. Grants or treasury-funded efforts are excluded.

Provision in Previous Period	Full score for new providers without active service agreements.
Baseline Load	Metrics including connections, RPC requests, and data egress.

11. Tender Submission Process

Tenderers must strictly follow this tender submission process. Failure to do so correctly will result in disqualification from the current tender round.

Tenderers shall submit their submission as a single file, this may be either a PDF document or a .zip / .tar.gz file containing several documents.

Step	Details
Generate SHA256 Hash	Generate a SHA256 hash of the tender document.
Submit via Polkadot	Submit the hash via a system.remarkWithEvent extrinsic on Polkadot.
Share Subscan Link	Share the Subscan link of the extrinsic in the Telegram group.
Email Submission	Email the tender document to curators. The document must match the submitted hash.

Submissions should be sent to the following emails:

- contact@stakingstudio.com
- cryptocappex@gmail.com
- frankywildot@gmail.com
- thwjanssen89@gmail.com
- mochhusnir@gmail.com