

# Report & Proposal: SubQuery Managed Service Solution (Q2, 2023)

**Proponent/Paid to:** a3bDuQajgZhVs7Z9bJxfBNyqBqmQCZr37okVrU7NCfzABJo8

**Date:** 3rd July 2023

**Requested KINT:** 2,015.0921

**Short description:** Ongoing costs for Quarter 2 (April, May and June) of 2023, for the running of a high performance and reliable data indexing managed service for Interlay.

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## Original Motivation

Almost every blockchain has a need to process and query data, however everyone knows that a core weakness of blockchain data is that the processing and query performance is extremely inefficient. SubQuery is an open source platform that solves that.

Additionally, managing infrastructure can also be extremely challenging and many teams don't have the expertise or resource that is needed to deploy indexers to cloud providers and then run them at high availability so that they can be relied on for production use cases. SubQuery provides a hosted service with 99.9% reliability to remove this burden from teams, so they can stay focused on building their dApps.

## Service Details

Interlay is currently leveraging SubQuery's enterprise-level managed service to provide reliable hosting for their SubQuery projects. This critical service provides production data to applications built by the Interlay team and the 99.9% uptime reliability ensures a seamless experience for the core team and their ecosystem.

Over the period of 2023-04-01 to 2023-06-30, SubQuery supported Interlay's SubQuery projects running in a shared database for a total of 4,368 compute hours. Each project deployment requires an indexing service, a compute service, and database access run in a production environment and monitored constantly to ensure availability.

## Costings

This proposal includes combined running costs for our infrastructure for Interlay from 1st April 2023 until 30th June 2023. The total combined running cost is USD \$936.24.

| Description        | Price (USD)                                | Billable Units       | Cost                   |
|--------------------|--------------------------------------------|----------------------|------------------------|
| Compute Unit Costs | US\$0.21 / Compute Unit / Hr               | 4,368.00             | US\$917.28             |
| Data Egress (GB)   | US\$0.25/ GB (First 10 GB Each Month Free) | 105.82               | US\$18.96              |
|                    |                                            | Subtotal             | \$936.235              |
|                    |                                            | <b>USD Total</b>     | <b>\$936.24</b>        |
|                    |                                            | KINT Conversion Rate | US\$0.464614           |
|                    |                                            | <b>Total Due</b>     | <b>KINT 2,015.0921</b> |

The KINT conversion rate was retrieved from CoinMarketCap using the 30 day time weighted average price ending on 2023-06-30.

## About SubQuery

SubQuery is the Universal Web3 data indexing toolkit. A SubQuery project is a complete API to organise and query data from Layer-1 chains. Currently servicing Polkadot, Substrate, Avalanche, Terra, and Cosmos projects, this data-as-a-service allows developers to focus on their core use case and front-end without wasting time building a custom backend for data processing activities. In the future, the SubQuery Network intends to replicate this scalable and reliable solution in a completely decentralised manner.

SubQuery is an open-sourced data indexing solution, we continue to reaffirm our dedication to providing free hosted services support for up to two SubQuery projects. You can learn how to create and build your own SubQuery project using our [detailed documentation](#).

*Our mission remains to support all blockchain developers in the world by providing core infrastructure so they can focus on building the next dApp.*