

Grant Application: Automate MEV Blocker Billing

Grant Title:

Automate MEV Blocker Billing

Author:

Github: [@cowanator](#)

About You:

I'm an experienced blockchain engineer and have been following the development of cowswap since dfusion.

Grant Category:

Other (Operation Automation)

Grant Description:

- Develop small project responsible for automation of MEV Blocker Billing process.

Milestones:

Milestone 1:

Submit the billing data for period on chain

- Execute the relevant Dune queries (Fee per Block & Payment Due found in project linked below) for the prescribed billing period and retrieve the execution results.
- Combine the query results and write the billing data to the MEVBlockerFeeTill contract by invoking its bill

function.

This is to be containerized and run on a weekly schedule.

Note that Milestone 1 is already complete

and can be found at [GitHub - cowanator/mb-billing: Automated Builder Billing for MEV Blocker](#) under release tag v0.0.0.

Milestone 2:

Check Payment Status of Builders

- At some point after the billing date (and before the next), verify that the requested fees have been paid.
- If not paid, invoke the draft

function to deduct the fees from the builder's bond.

Milestone 3 [Optional]:

Professionalize query maintenance and transaction submission

1. Store and maintain the relevant queries in the project repo, whenever they are updated on main , the "Dune Query Updater" workflow is triggered to save the changes.
1. Instead of direct contract call from EOA, propose a Safe transaction along with an approval notification.

Funding Request:

Funding request summary: 4500 COW + (optional 2250 COW for Milestone 3) paid as 2250 COW per milestone.

Gnosis Chain Address (to receive the grant):

gno:0x1ac70B075D431379c3eaF18C130764B2f609C503

Referral:

[@banana1

](https://dune.com/banana1)

Terms and conditions:

By applying for this grant, I agree to be bound by the CowDAO Participation Agreement and the COWDAO Grant Terms and Conditions.