

This is a summary of the revised proposal as put on-chain.

This is for everyone's convenience, as I wasn't able to edit my original post.

See the original post and discussion: [Funding Proposal: Fractionalized Secret NFT Reference Implementation](#)

This is a proposal to create the core reference implementation contracts for fractionalized NFTs and SNIP1155.

#### 1. Reference Implementation of Fractionalized Secret NFTs ("sNFT"s)

: Implement core functionality ("Part 1"):

- fractionalization of SNIP721 tokens
- bidding process
- defractionalization process
- private metadata viewership logic (while in fractionalized state)
- SNIP1155 reference implementation

: multi-token standard reference implementation for Secret Network:

- create reference contract based on ERC1155 / CW1155
- add Secret Network-specific features, eg: viewing keys, query permits, access control, private metadata, etc., including adjustments to these features to fit the multi-token standard.

I believe having these two pivotal standards/features on Secret Network will be very valuable. I also believe it is value accretive to the ecosystem to have the core functionalities built out first before additional features.

In terms of timeline, the scope of this is around 4 months, but with features becoming available earlier for applications willing to iron out some code and deal with less documentation. I estimate 1-1.5months for (1), 1.5-2months for (2), and an additional month or so for debugging/testing/tying loose ends. My ask for doing these two CCBL items is \$100,000.

If the community is supportive, I plan to come back on-chain after this to fund Parts 2 and 3 of fractionalized sNFTs (my original scope), and potentially cross-chain integration for SNIP1155.

edited:

Fractionalized NFT repo: [GitHub - DDT5/frac-snft-ref-impl](#)