



The Corporation of the City of Elliot Lake

Staff Report

Report of the **Director of Public Works**
for the Consideration of Council

**RE: Repair and Application of an Insulated Roof Coating to the Primary Clarifier
Roof (Wastewater Plant)**

OBJECTIVE

To provide Mayor and Council with information regarding the repair and application of an insulated roof coating to the Primary Clarifier Roof (Wastewater Plant)

RECOMMENDATION

THAT Staff Report BLD2021-02 dated July 20th, 2021 of the Director of Public Works be received;

AND THAT Contract No. BLD2021-02, for repair and application of an insulated roof coating to the Primary Clarifier Roof (wastewater Plant) in the amount of **\$79,054.⁶²** plus applicable taxes be awarded to Corrosion Armor.

AND THAT council approve an additional **\$12,910.⁶²** from the the Water/Wastewater reserve

Respectfully Submitted

Approved

A handwritten signature in blue ink, appearing to read "Daryl Halloch".

Daryl Halloch
Director of Public Works

for:

A handwritten signature in blue ink, appearing to read "Natalie Bray".

Daniel Gagnon
Chief Administrative Officer

July 20, 2021

BACKGROUND

The Primary clarifier structure was constructed as part of the Esten Lake Sewage Plant project between 1981-1982. It is generally comprised of cast-in-place reinforced concrete walls, floors and roof slabs.

A structural Engineering investigation of the exterior (top) of the slab surface, on April 3rd 2020, revealed several cracks. The bituminous sealant layer was severely degraded and in some cases, scoured away and absent. A diagonal crack and deposit was observed on the opposite wall.

At present, the slab is showing no signs of structural distress due to concrete degradation or reinforced corrosion. That being said, the current identifiable cracks will need to be repaired and a new insulated coating applied to the roof surface.

A tender was posted on Tuesday June 22nd on both the City Webpage and Bids & Tenders and closed on Tuesday July 13th 2021. In total, five (5) firms submitted tender responses by the specified closing time.

ANALYSIS

The tender includes all costs associated with the repair of the current roof as well as the addition of an insulated roof coating. The pricing received through the tender responses were as follows and does not include applicable taxes.

Damisona Roofing Ltd.-	\$316,400.⁰⁰
CECC Roof Maintenance Solutions -	\$97,293.⁰⁰
Douro Roofing & Sheet Metal Contractors Ltd. -	\$200,801.⁰⁰
Buildcor Construction	\$97,961.⁹⁶
Corrosion Armor	\$79,054.⁶²

Majority of the bids received were within the same price range, excluding two bids that never sent anyone to the optional on-site visit. References were called regarding the lowest bid supplied, as well as the project manager from Corrosion Armor met with City staff to go over their plans

FINANCIAL IMPACT

Council approved a 2021 Capital project amount of **\$66,144⁰⁰** towards the repair and application of an insulated roof coating on the Primary Clarifier roof (wastewater Plant). With the bid of **79,054⁶²** plus applicable taxes from Corrosion Armor, the difference of **\$12,910⁶²** will need to be budgeted towards the Water/Wastewater reserve.

LINKS TO STRATEGIC PLAN

This report is consistent with the actions required under “Continued Investment into Infrastructure”.

SUMMARY

It is recommended that the bid submitted by Corrosion Armor, in the amount **\$79,054.**⁶² plus applicable taxes for Contract No. BLD2021-02 for the repair and application of an insulated roof coating on the Primary Clarifier roof be approved.