

**Memorandum
Public Works Department**



To: City Manager
Subject: 54" Rehabilitation of Existing 54" Diameter Brick Sewer at 24th Street, between 5-1/2 Avenue and 6th Avenue
Date: April 13, 2016
Number: 2016-079

Attached is a proposal from IWPC for rehabilitation/lining services for approximately 320 feet of the existing 54" diameter brick sewer that is located along 24th Street between 5-1/2 Avenue and 6th Avenue.

During construction of the structure to connect the existing sewer system to the new relief sewer at 24th Street and 6th Avenue, the existing 54" diameter brick sewer was found to be structurally deficient. In order to rehabilitate the brick sewer, it is necessary to install a structural lining within the sewer. Public Works contacted multiple firms who perform this work and received two responses from contractors who could meet the necessary timeframe. Of those two, only the geopolymer lining system proposed by IWPC would provide a proven structural lining that would restore/preserve the integrity of the brick sewer.

IWPC proposes to provide these sewer lining/rehabilitation services for a cost of \$167,400. These funds are from the \$250,000 budgeted for use in 2016 as part of the City's Sewer Lining/Rehabilitation Program.

Recommendation

The Public Works Department recommends that the City Council approve the proposal from IWPC in the amount of \$167,400 and authorize the City Manager to execute contract documents.

Vendor:	IWPC	
Payment Amount:	\$167,400	
Fund:	506	Wastewater Operation & Maintenance
Department:	619	Utilities Maintenance
Cost Center:	346	Wastewater Collection Maintenance
Object Code:	53806	Infrastructure Maintenance
Project:	2571	Sewer Lining/Rehabilitation Program

Submitted by: Randall D. Tweet, Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Thomas Thomas, City Manager



Please note that all work will be performed per project reference plans. This proposal provides for all labor, materials, inspection and equipment for the EcoCast/Geopolymer installation only. Existing brick sewer is assumed to be in good condition with no major joint defects or I/I. Findings of the culvert condition or culvert inspection / assessment different than assumed will be subject to price adjustments. Final payment will be based upon actual installed lineal footage. CRI personnel may verify any/all field quantities.

Exclusions:

1. Traffic Control
2. Cleaning / Heavy Debris Removal or post cleaning CCTV
3. Bypass Pumping/Dewatering
4. Access to the pipes/any excavations
5. Water Supply (Hydrant)
6. Permits, Fees, etc.
7. Restoration
8. Handling and Disposal of Hazardous waste material
9. Liquidated Damages
10. Infiltration control of severe infiltration (a dripper or beyond per PACP standards)
11. Any work not specifically detailed in this proposal
12. Removal of debris offsite

Material ordering and delivery requires two weeks of notice.

Pipe preparation, installation and curing the Geopolymer will be scheduled according to crew availability and subject to weather conditions.

Payment & Bonds:

Payment and Performance Bonds are assumed non-applicable. Payment Terms to be finalized prior to commencement of work.

Any additional work will be provided for under separate correspondence and approved by the City of Rock Island prior to commencement of additional work.

Production Rates: EcoCast – 50 linear foot per day – maximum 10 days



This completes our scope letter to help with clarifying IWPC's items and terms. We appreciate the opportunity in reviewing this project and look forward to partnering on this endeavor.

PROPOSAL:

INLAND WATERS POLLUTION CONTROL, INC.


DATE: 4/12/16
Jignesh Madhani, Vice President

ACCEPTED:

CITY OF ROCK ISLAND, ILLINOIS

DATE: _____
Thomas Thomas, City Manager

Respectfully,

Bob Serenko

Bob Serenko
Business Development Manager
IWPC / IPR
(cell) 281-825-9437

Enclosure

cc: Rock Island Job File
Mike Cane, City Engineer
Amy Post, P.E., Symbiont
BS/jl