



COUNTY OF ERIE

MARK C. POLONCARZ
COUNTY EXECUTIVE

ECLEG SEP17'12 PM 4:29

September 17, 2012

Erie County Legislature
92 Franklin Street – Fourth Floor
Buffalo, NY 14202

**RE: Erie County Division of Sewerage Management
Engineering Service Agreement
Work Order: URS-8; Leg. Comm 17E-7 (2007)**

Dear Honorable Members:

Enclosed please find an accompanying memorandum from the Department of Environment and Planning pertaining to the Division of Sewerage Management Engineering Service Agreement, Legislative Comm. 17E-7 (2007), Work Order: URS-8.

Should your honorable body require further information, I encourage you to contact Joseph L. Fiegl, P.E., in the Division of Sewerage Management. Thank you for your consideration on this matter.

Sincerely,

Mark C. Poloncarz, Esq.
Erie County Executive

MCP/ms
Enclosure

C: J. Fiegl – Environment and Planning

MEMORANDUM

To: Honorable Members of the Erie County Legislature
From: Division of Sewerage Management
Re: Erie County Division of Sewerage Management
Engineering Services Agreements
Work Order: URS-8; Leg.Comm.17E-7(2007)
Date: August 6, 2012

SUMMARY

The Erie County Legislature is requested to receive and file this communication, which pertains to the Department's approval of Work Order URS-8 with URS Corporation for consultant services in the amount of \$24,790.07.

FISCAL IMPLICATIONS

There are no fiscal implications to the County's General Fund. The cost of the consultant work covered by this communication will be paid by Bond Account No. C.00072 of ECSD No.4.

REASONS FOR RECOMMENDATION

URS will provide a value engineering/evaluation report on the construction documents for the Aurora North Pumping Station Elimination Project.

BACKGROUND INFORMATION

On November 29, 2007, the Erie County Legislature passed a resolution authorizing Service Agreements with five (5) different engineering firms. As a condition of the award, the Legislature required the Division of Sewerage Management to notify the Legislature of each Work Order by the Division of Sewerage Management.

The Service Agreements were approved to expedite solutions to engineering and construction problems on small projects or to handle emergency situations. For example, on some projects there is insufficient time or it is economically impractical to prepare an individual Request for Proposal. Examples of such instances would be emergency work or small cost projects.

Accordingly, the Department has approved Work Order URS-8 with URS Corporation in the amount of \$24,790.07 to provide a value engineering/evaluation report for the design documents associated with the Aurora North Pumping Station Elimination Project.

CONSEQUENCES OF NEGATIVE ACTION

This is a receive and file item.

STEPS TO FOLLOW APPROVAL

This is a receive and file item.

ERIE COUNTY SEWER DISTRICT NO.4
WORK ORDER NO. URS-8

ENGINEER: URS

CONTRACT DATE: January 1, 2008

1. **Title of Proposal:**
Evaluate the engineering documents of Aurora North Pumping Station Elimination.

2. **Name and Business Address of Proposer:**
URS
77 Goodell Street
Buffalo, NY 14202

3. **Name, Title and Address of Principal Bearing Technical Responsibility:**
Tom McPhearson, P.E.
URS
77 Goodell Street
Buffalo, NY 14202

4. **Effective Dates of Proposal:**
8-6-2012

5. **Brief Description of Work for Which Proposal is Submitted.**
The consultant will prepare an evaluation report of the engineering documents for the Aurora North Pumping Station Elimination Project.

6. **Engineering Cost:** Not to exceed \$24,790.07.

7. **Source of Funds:** ECSD No.4 Bond Account No. C.00072

8. **Project No.:** URS -8

9. **Attachments:** Scope - URS letter and cost estimate attached.

10. **File:** 0.3.2 URS 08-10

DATE: 8-2-12

Accepted By: _____

URS

Prepared by: 

Matt A. Salah, P.E.

Authorized By: _____

Joseph L. Fiegl, P.E.
Deputy Commissioner

Sr. Coord. Sewer Construction Projects

Maria D. Whyte

Maria Whyte
Commissioner

JF

MAS

MAS: ms
Encl.

Cc: M. Whyte
J. Fiegl/J.Carr/0.11.0 Leg Ltr
M. Salah/ 0.3.2. URS (08-10)

**Erie County Department of Environment & Planning
Erie County Sewer District No. 4**

**Aurora North Pumping Station Elimination Project
Engineering Review**

Work Order URS - 8

Scope of Services

In general, URS Corporation - New York (URS) will perform a review of the Engineer's Report and Construction Documents prepared by the Erie County Department of Environment & Planning, Division of Sewerage Management (DEP) for the above referenced project.

More specifically URS will:

1. Review and become familiar with the existing Engineer's Report, Construction Drawings and Specifications.
2. Review the constructability and completeness of the following documents:
 - a. Engineer's Report, dated April 2012
 - b. Construction Drawings, dated May 2012 (14 sheets)
 - c. Specifications and Contract Documents, dated May 2012, including Addendums No. 1 & 2.
 - d. Subsurface Investigation and Geotechnical Report prepared by Empire Geo-Services, Inc., dated September 2011 (Appendix C of the Specifications).
3. Review the following Construction Cost Estimates:
 - a. Engineer's Report; Alternates 1, 2 & 3.
 - b. Final Engineer's Estimate
4. Review the Bid Tabulation and contact bidders to discuss their prices and items in the design that they felt added increased risk and cost to their construction price.
5. Compare cost estimates and bid prices with recent similar projects.
6. Review costs, details and options for boring and jacking or directional drilling of the sewer pipe. Engage in-house drilling expertise from other offices and contact local drilling contractors for input.

7. Review details, requirements and options of rock blasting, including allowable velocities.
8. Review de-watering requirements and options.
9. Prepare a construction cost estimate for a potential Phase 1 for the project. Phase 1 will consist of new sewer from the Borden Road intersection with Losson Road, along Losson Road to William Street passed the Wal Mart driveway, then south across William Street to the south right-of-way line of William Street.
10. Prepare an Evaluation Report detailing our findings, opinions and recommendations concerning Items No. 1 through 8 detailed above.
11. Provide six (6) copies of the report to DEP.
12. Meet with representatives of DEP to review the report.

Assumptions:

1. Engineer's Report – assume pipe hydraulics as presented is correct; unless URS notices a discrepancy.
2. Pipe Route – to remain unchanged.
3. Material Quantities used for bidding are assumed correct; unless URS notices a discrepancy.

| COST SUMMARY FORMAT FOR ENGINEERING SUBAGREEMENTS | | | | |
|---|-----------------|---|-----------------|--------------------|
| PART I - GENERAL | | | | |
| 1. OWNER Erie County Department of Environment and Planning | | 2. PROJECT NO. Proposal | | |
| 3. NAME OF ENGINEER URS Corporation - New York | | 4. DATE OF PROPOSAL 8/2/2012 9:00 | | |
| 5. ADDRESS OF ENGINEER (include Zip Code) 77 Goodell Street Buffalo, NY 14203 | | 6. TYPE OF SERVICE TO BE FURNISHED Cost Summary Work Order URS-6 Aurora North PS Extraction - Engineering Review Erie County Sewer District No. 4 | | |
| PART II - COST SUMMARY | | | | |
| 7. DIRECT LABOR (specify labor categories) | ESTIMATED HOURS | HOURLY RATE | ESTIMATED COST | TOTALS |
| Project Manager | 4 | \$66.50 | \$266.00 | |
| Senior CMI Engineer | 112 | \$62.64 | \$7,015.68 | |
| CMI Engineer | 48 | \$31.50 | \$1,512.00 | |
| | | | \$0.00 | |
| | | | \$0.00 | |
| | | | \$0.00 | |
| | | | \$0.00 | |
| | | | \$0.00 | |
| | | | \$0.00 | |
| | | | \$0.00 | |
| DIRECT LABOR TOTAL | | | | \$8,783.68 |
| 8. INDIRECT COSTS (specify indirect cost pools) | RATE | x BASE | ESTIMATED COST | |
| Overhead | 144.0% | \$8,783.68 | \$12,622.90 | |
| | | | | |
| INDIRECT COST TOTAL | | | | \$12,622.90 |
| 9. OTHER DIRECT COSTS | | | ESTIMATED COST | |
| a. TRAVEL | | | | |
| TRAVEL SUBTOTAL | | | | |
| b. EQUIPMENT, MATERIALS, SUPPLIES (specify categories) | | | | |
| Reproduction/Postage | 1 | \$100.00 | \$100.00 | |
| EQUIPMENT SUBTOTAL | | | \$100.00 | |
| c. SUBCONTRACTS | | | | |
| SUBCONTRACTS SUBTOTAL | | | \$0.00 | |
| d. OTHER (specify categories) | | | | |
| OTHER SUBTOTAL | | | \$0.00 | |
| a. OTHER DIRECT COSTS TOTAL | | | \$100.00 | |
| 10. TOTAL ESTIMATED COST | | | | \$21,506.58 |
| 11. PROFIT 15% on all but 6c. 6% on item 9c. | | | | \$3,233.49 |
| 12. TOTAL PRICE | | | | \$24,740.07 |