

AGENDA ITEM NO: 7.3

MEETING DATE: May 2, 2023

STAFF REPORT – COVER SHEET

SUBJECT: 2023 Linear Utilities Design-Build Project DATE: April 24, 2023
– RFP Proponent Selection

DEPARTMENT: Engineering PREPARED BY: Sheldon McKinlay

1. SUMMARY OF ISSUE:

The City of Chilliwack invited expressions of interest from proponents for the design and construction of the 2023 Linear Utilities Upgrades Design-Build Project. Eight (8) expressions of interest were received by the stipulated closing time.

A decision to advance three (3) proponents to the Request for Proposal (RFP) stage is required.

2. RECOMMENDATION:

Recommendation that Council authorize staff to forward Request for Proposal documents to the following selected proponents for the 2023 Linear Utilities Upgrades Design-Build Project:

1. B&B Heavy Civil Construction / McElhanney Engineering Services Ltd.;
2. Jakes Construction / ISL Engineering and Land Services Ltd.; and,
3. Sandpiper Contracting LLP / Wedler Engineering LLP



Kara Jefford, Director of Engineering

3. FINANCE COMMENTS:


Funding is allocated within the 2023 Financial Plan funded from the Water Fund and the Sewer Fund to finance this project.



Glen Savard, Director of Finance

4. CHIEF ADMINISTRATIVE OFFICER'S RECOMMENDATION/COMMENTS:

Supports Recommendation.



Chris Crosman, CAO

**STAFF REPORT ON
2023 LINEAR UTILITIES UPGRADES DESIGN-BUILD PROJECT - RFP PROPONENT SELECTION**

PREPARED BY: Sheldon McKinlay DATE: April 24, 2023
POSITION: Project Engineer DEPARTMENT: Engineering

1. DEFINITION OF ISSUE:

The City of Chilliwack invited expressions of interest from proponents for the design and construction of the 2023 Linear Utilities Upgrades Design-Build Project. Eight (8) expressions of interest were received by the stipulated closing time.

A decision to advance three (3) proponents to the Request for Proposal (RFP) stage is required.

2. BACKGROUND:

2.1 The City of Chilliwack has elected to combine multiple utility upgrades into one combination project in order to realize an innovative financial and technical solution that will deliver the project in the most efficient and cost-effective manner. The 2023 Linear Utilities Upgrades Design-Build Project involves ten project areas including upgrades to two sanitary sewers, and eight water main areas. The water main upgrades increase fire flows, protect water quality, and provide capacity to meet future demand. The sanitary sewer upgrades replace aging infrastructure and increase capacity to support development.

Details of the project areas are as follows:

- Ashwell Road / Wellington Avenue: water main installation along Ashwell Road between Spadina Avenue, and along Wellington Avenue between Ashwell Road and Hamilton Street;
- Reece Avenue: water main installation between Young Road and Williams Street;
- Nowell Street: water main installation along Nowell Street between First Avenue and Third Avenue, and along Nowell Street between Fifth Avenue and end of property.
- Annis Road: water main installation along Annis Road, between Chilliwack Central Road and 8964 Annis Road.
- Candow Street / Henley Avenue / George Street: water main installation along Candow Street (east and west lanes) between Berkeley and Henley Avenue, and along Henley Avenue between Candow Street (west lane) and George Street, and along George Street, between Henley Avenue and Yates Avenue;

- Andrews Avenue: water main installation along Andrews Avenue, between Broadway and end of property;
- Wells Road: water main installation along Wells Road, between Rochester Avenue and Vedder Road, and along Maitland Avenue, between north of Wells Road and end of property;
- Chilliwack Mountain Road: water main installation along Chilliwack Mountain Road, between 8510 Chilliwack Mountain Road and 8540 Chilliwack Mountain Road;
- Schweyey Road: approximately 220m of sanitary sewer installation along Schweyey Road, from Chilliwack Mountain Road continuing east along Schweyey Road;
- Knight Road: sanitary sewer installation along Knight Road and sanitary right of ways, between east property line of 7201 Vedder Road and Luckakuck Creek. This project has been included as a provisional item pending finalization of statutory right of ways.

3. FACTORS:

3.1 Eight (8) proponents submitted Expressions of Interest:

- B&B Heavy Civil Contracting Ltd. / McElhanney Engineering Services Ltd.
- Clearway Construction Inc. / CVL Engineers Inc.
- GPM Civil Contracting Inc. / WSP Canada Inc.
- Jakes Construction / ISL Engineering and Land Services Ltd.
- PWL Trenchless Construction Inc. / R.F. Binnie & Associates Ltd.
- Richo Contracting Ltd. / Aplin & Martin Consultants Ltd.
- Sandpiper Contracting LLP / Wedler Engineering LLP
- Timbro Contracting (A Partnership) / Onsite Engineering Ltd.

3.2 A Five (5) member evaluation committee evaluated each document based on the following criteria:

- Proponent's Experience and Expertise (30%)
- Engineering Experience (25%)
- Construction Experience (25%)
- Project Approach (20%)

The evaluation committee ranked the RFEI submittals based on information provided in the submissions.

3.3 The results of the evaluation are as follows:

Proponent Teams	Evaluation Points	Ranking
B&B Heavy Civil Contracting Ltd. / McElhanney Engineering Services Ltd.	87	1
Jakes Construction / ISL Engineering and Land Services Ltd.	84.8	2
Sandpiper Contracting LLP / Wedler Engineering LLP	84.6	3
Timbro Contracting (A Partnership) / Onsite Engineering Ltd.	73	4
PWL Trenchless Construction Inc. / R.F. Binnie & Associates Ltd.	65	5
Richo Contracting Ltd. / Aplin & Martin Consultants Ltd.	63	6
GPM Civil Contracting Inc. / WSP Canada Inc.	55	7
Clearway Construction Inc. / CVL Engineers Inc.	46	8

The top ranked teams all have extensive experience and success delivering similar scope utilities projects. The lower ranked responses had less experience with the Design Build approach in general and in working together as a design build contracting team.

3.4 When the proposals are received from the three (3) selected finalists the evaluation committee will review them and subsequently recommend to Council the preferred proponent to carry out the work.

3.5 The total combined budget for this project is \$4,812,180.00.

4. RECOMMENDATION & SUBSTANTIATION:

Recommendation:

Recommendation that Council authorize staff to forward Request for Proposal documents to the following selected proponents for the 2023 Linear Utilities Upgrades Design-Build Project:

1. B&B Heavy Civil Construction / McElhanney Engineering Services Ltd.;
2. Jakes Construction / ISL Engineering and Land Services Ltd.; and,
3. Sandpiper Contracting LLP / Wedler Engineering LLP

Substantiation:

The proposed project will replace aging water and sewer infrastructure, maintain water quality, and increase capacity for future development. Combining the ten (10) project areas serves as a cost effective and efficient approach to the delivery of the required infrastructure.