

NO: R136

COUNCIL DATE: July 24, 2023

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **July 20, 2023**

FROM: **General Manager, Engineering** FILE: **1723-010/01**

SUBJECT: **Award of Contract No. 1723-010 D1**
Design of 132 Street Arterial Widening: 72 Avenue to 80 Avenue

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract No. 1723-010 D1 to Aplin & Martin Consultants Ltd. (“Aplin”) in the amount of \$337,730.40 (including GST) for the design of 132 Street Arterial Widening between 72 Avenue to 80 Avenue;
2. Set the expenditure authorization limit for Contract No. 1723-010 D1 at \$372,000.00 (including contingencies and GST);
3. Authorize the General Manager, Engineering to execute Contract No. 1723-010 D1;
4. Authorize the inclusion in the Contract an option in favour of the City to retain Aplin to provide engineering services for the optional construction services of the 132 Street Arterial Widening between 72 Avenue to 80 Avenue at an estimated fee of \$720,000.00 (including contingencies and GST); and
5. Authorize the General Manager, Engineering to award and execute a subsequent contract with Aplin for the optional construction services upon successful completion of the design phase.

INTENT

The intent of this Corporate Report is to obtain Council’s approval to award a Contract for engineering services for the design involving 132 Street Arterial Widening between 72 Avenue to 80 Avenue, as illustrated on the map attached to this report as Appendix “1”.

DISCUSSION

Scope of Work

Work within this Contract involves engineering services for the detail design to develop a four-lane arterial widening along 132 Street between 72 Avenue and 80 Avenue to improve traffic movements, safety and integrated cycling-walking facilities where possible. At this time, a contract will be awarded for the design services only, with the option to award construction

services upon successful completion of the design phase. The design phase involves overall project management, design works, railway coordination with Southern Rail and agencies effected by the proposed work, and tendering, while the construction phase includes contract administration, inspection, and post construction services.

The total capital value of the projects is estimated to be \$14.6 million.

EVALUATION

The City invited three qualified engineering consultants to respond to a Request for Proposals (“RFP”), Aplin; McElhanney Ltd.; and R.F. Binnie & Associates Ltd. The proposals were evaluated using the following criteria:

- Understanding of assignment;
- Experience relative to assignment;
- Strength of project team;
- Work plan and schedule; and
- Financial considerations.

The three submissions were carefully reviewed for accuracy and completeness by a panel of three staff members, following a structured and standard evaluation process.

Aplin’s proposal demonstrated a thorough understanding of the scope of work and a strong proposed work plan. Furthermore, Aplin has put forth a team with considerable experience related to similar work. Their total engineering fee is competitive, is considered reasonable for this type of engineering assignment and represents best value for the City. Staff therefore recommend that Contract No.1723-010 D1 be awarded to Aplin.

Project Schedule

The design work is expected to start in August 2023 and be completed by October 2024. Construction of this project is anticipated to begin in 2025, subject to Council approval of funding should the necessary property acquisitions and Southern Rail approvals be secured. Construction is anticipated to be completed in two phases as illustrated in Appendix “I”. Staff anticipate that the project could be completed in 2026.

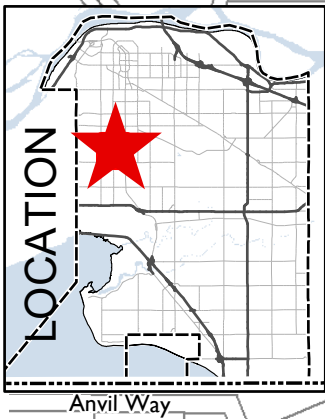
FUNDING

Funding for this Contract is available within the 2023 Transportation Budget.

Scott Neuman, P.Eng.
General Manager, Engineering

VJ/bn

Appendix “I” – Map of Location – Contract No. 1723-010 D1



132 Street Upgrades Phase 2
from 76 Ave to 80 Ave
(2026 Construction)

132 Street Upgrades Phase I
from 72 Ave to 76 Ave
(2025 Construction)

LEGEND

- Project Location
- Parks

Produced by GIS Section: 12-Jul-2023

Scale: 1:8,500 0 100 M



Contract No. 1723-010 D1 132 Street Arterial Widening: 72 Avenue to 80 Avenue

ENGINEERING DEPARTMENT

The data provided is compiled from various sources and IS NOT warranted as to its accuracy or sufficiency by the City of Surrey.
This information is provided for information and convenience purposes only.
Lot sizes, Legal descriptions and encumbrances must be confirmed at the Land Title Office.