

NO: R251

COUNCIL DATE: December 2, 2024

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **November 28, 2024**

FROM: **General Manager, Engineering** FILE: **1717-058/11**

SUBJECT: **Amendment to the Coordinated Works Agreement with BC Hydro
32 Avenue Road Improvements from 184 Street to 188 Street**

RECOMMENDATION

The Engineering Department recommends that Council:

1. Receive this report for information;
2. Approve an Amendment to the existing Agreement with BC Hydro for the installation of the British Columbia Hydro and Power Authority duct work, which is being delivered as part of the upcoming 32 Avenue Improvements from 184 Street to 188 Street;
3. Authorize the General Manager, Engineering to execute the Amendment of this Agreement; and
4. Authorize the General Manager, Engineering to execute future Amendment(s) of this Agreement if required, provided the amendments have no financial impact to the City.

INTENT

The purpose of this report is to seek Council's approval for the execution of an Amendment to the existing Agreement with the British Columbia Hydro and Power Authority ("BC Hydro") to increase the scope of work requested by BC Hydro for the duct work being undertaken as part of the 32 Avenue Improvements from 184 Street to 188 Street project.

BACKGROUND

On February 12, 2024, Council approved Corporate Report No. R021; 2024, attached to this report as Appendix "I", which facilitated entering into an Agreement with BC Hydro for the purpose of installing BC Hydro duct bank work as part of the 32 Avenue Improvements from 184 Street to 188 Street project, which is being completed under Contract No. 1717-058-11.

DISCUSSION

Amendment to the Agreement

During construction of the BC Hydro duct bank work, BC Hydro requested changes to the duct bank work designs consisting of minor adjustments to their duct bank alignment, additional extensions to their duct bank west of the 32 Avenue and 184 Street intersection, and the inclusion

of 11 additional ducts along the corridor from a 9-way duct bank to a 20-way duct bank. The estimated cost of the additional duct bank work is \$474,214.09 (including GST).

Staff and BC Hydro have finalized the Amendment to the existing Agreement, which establishes BC Hydro as responsible for funding 100% of these additional works described under the Amendment. BC Hydro have approved these changes and have signed the Amendment. Subject to the execution of this Amendment, staff will issue a change order under Contract No. 1717-058-11 to include the additional BC Hydro duct bank work.

Legal Services Review

This report and the related Amendment to the Agreement have been reviewed by Legal Services.

FUNDING

Funding for the City's costs related to the additional work described in the Amendment will be funded 100% by BC Hydro.

Scott Neuman, P.Eng
General Manager of Engineering

VJ/bn

Appendix "I" – Corporate Report No. Ro21; 2024
Appendix "II" – Amendment

[https://surreybc.sharepoint.com/sites/eng.administration/gm_administration/corporate_reports/2024/dec_2/amendment_to_the_coordinated_works_agreement_with_bc_hydro/amendment_to_the_coordinated_works_agreement_with_bc_hydro_\(11282024\)_final.docx](https://surreybc.sharepoint.com/sites/eng.administration/gm_administration/corporate_reports/2024/dec_2/amendment_to_the_coordinated_works_agreement_with_bc_hydro/amendment_to_the_coordinated_works_agreement_with_bc_hydro_(11282024)_final.docx)

NO: *R021* COUNCIL DATE: *February 12, 2024*

REGULAR COUNCIL

TO: Mayor & Council DATE: February 2, 2024
FROM: General Manager, Engineering FILE: 1717-058/11
SUBJECT: Coordinated Works Agreement with BC Hydro
32 Avenue Improvements from 184 Street to 188 Street

RECOMMENDATION

The Engineering Department recommends that Council:

1. Receive this report for information;
2. Approve entering into an Agreement with BC Hydro for the installation of BC Hydro duct work, which will be delivered as part of the upcoming 32 Avenue Improvements from 184 Street to 188 Street project; and
3. Authorize the Mayor and City Clerk to execute the finalized Agreement with BC Hydro for the installation of BC Hydro duct work as part of the upcoming 32 Avenue Improvements from 184 Street to 188 Street project.

INTENT

The intent of this Corporate Report is to seek Council's approval to enter into an Agreement with BC Hydro for the purposes of installing BC Hydro duct work as part of the upcoming 32 Avenue Improvements from 184 Street to 188 Street project, which will be 100% funded by BC Hydro.

BACKGROUND

At the May 15, 2023 Regular Council Meeting, Council endorsed through Corporate Report No. R071;2023 (attached as Appendix "I"), the strategic transportation short-term projects which identified and prioritized developing specific arterial roads to support the City's growth. One of the key corridors identified includes 32 Avenue between 184 Street to 188 Street in the location illustrated in Appendix "II".

During the development of the project designs for the 32 Avenue improvements, staff identified an opportunity to coordinate the road improvements with BC Hydro's planned duct bank project planned along the same segment of the planned 32 Avenue road improvements. BC Hydro's duct work project is an important investment for Surrey as it will support growth in the Campbell Height area. Delivering BC Hydro's planned duct work project as part of the upcoming 32 Avenue road improvements will help minimize the associated impacts on the road users and provide improved opportunities for economies of scale.

DISCUSSION

Agreement

Staff are finalizing the agreement with BC Hydro in advance of construction of the 32 Avenue road improvements. The Agreement will establish BC Hydro as responsible for funding 100% of the construction cost related to the installation of the BC Hydro duct work.

Project Schedule

An invitation for tender for the 32 Avenue road improvements and BC Hydro duct bank installation is currently posted on BC Bid and the City's website. Staff anticipate presenting a Corporate Report for the construction contract award to Council in March 2024. Subject to Council approval, construction is expected to start in April 2024 and be completed by March 2025.

Legal Services Review

This report and related Agreement have been reviewed by Legal Services.

FUNDING

Funding for the City's costs related to the installation of the BC Hydro duct work will be funded 100% by BC Hydro.



Scott Neuman, P.Eng.
General Manager, Engineering

VJ/cc

Appendices available upon request.

Appendix "I" – Corporate Report No. R071; 2023

Appendix "II" – Map of Project Location

PROTOCOL AGREEMENT –AMENDMENT No. 1

This Amendment is made as of the _____ day of _____, 2024

BETWEEN

CITY OF SURREY, a Municipality under the laws of British Columbia and having its offices at 13450 104 Ave, Surrey, British Columbia, V3T 1V8

(“CoS”)

AND:

BRITISH COLUMBIA HYDRO AND POWER AUTHORITY, a British Columbia crown corporation having its head office at 333 Dunsmuir Street, Vancouver, British Columbia V6B 5R3

(“BC Hydro”, and together with CoS, collectively, the “Parties” and each individually, a “Party”)

WHEREAS

- A. The Parties entered into an agreement dated March 15, 2024 to work collaboratively on the installation of new BC Hydro infrastructure consisting of duct bank and road restoration works along 32nd Avenue, from 184 Street to 188 Street, in Surrey, B.C. (the “**Duct Works**”) as part of the CoS 32nd Avenue Road widening project (the “**Project**”).
- B. The Parties have agreed to amend the Agreement, to cover a change in the scope of the **Duct Works**.

In consideration of \$10 dollars and other good and valuable consideration paid by each of the Parties to each other (the receipt and sufficiency of which is hereby acknowledged) the Parties agrees as follows:

1. Delete Section 2(d) of Duct Works and replace with the following:
 “2 (d) BC Hydro agrees to provide \$2,525,494.94 for the construction of the Duct Works.”
2. Delete Section 3(a)(iii) of the BC Hydro Contribution and replace with the following:
 “3 (a)(iii) reasonable and documented costs incurred by CoS in respect of the engineering constructions services for the administration and inspection related to the construction of the Duct Works in accordance with the BC Hydro Final Design Plan, provided that the maximum amount that BC Hydro will be required to pay for such costs will be \$81,000

(exclusive of GST). If CoS anticipates that the costs contemplated by this Section 3(a)(iii) may exceed \$81,000 (exclusive of GST), then CoS must obtain written approval from BC Hydro prior to incurring any costs that exceed \$81,000 (exclusive of GST).

3. Amend Schedule B by adding the attached Schedule B amendments.
4. All other Terms and Conditions of the Agreement remain in full force and effect except as amended by the Amendment #1.

IN WITNESS WHEREOF, the Parties hereto have executed this **AMENDMENT NO. 1** as of the day and year first above written.

**BRITISH COLUMBIA HYDRO AND POWER
AUTHORITY**, by its authorized signatory:

CITY OF SURREY, by its authorized
signatory:



Name: Jesse Brown
Title: PCM Director

Name:
Title:

Appendix B – Schedule (Amendment #1)

Additional Duct Work requested by BC Hydro as described below:

| Item# | Description | Price (Excl. GST) |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 1 | Hydro changes from Issued for Tender drawings and schedule of quantities & prices to Issued for Construction drawings and schedule of quantities & prices. | \$316,705.21 |
| 2 | Adjusting the Duct Bank alignment by lowering Hydro duct bank under the proposed 900mm storm culvert | \$49,820.32 |
| 3 | Extension of 18m of 11-way duct bank west on 32 Ave and 184 St. Existing Duct Bank is a 9-way, the proposed Duct Bank is a 20-way. Hydro would like the existing Duct Bank to include an additional 11 Ducts. | \$73,711.35 |
| 4 | Road restoration for the additional works under Item# 3 | \$11,395.58 |
| Total Price (Incl. GST) | | \$474,214.09 |