

April 23, 2026

**ADDENDUM #2
NWIT-26-02
SA-11, SA-12, and SA-16 Sanitary Lift Station Upgrades
New Westminster, BC**

This addendum modifies the Invitation to Tender only as noted:

FORM OF TENDER

<DELETE> Appendix 1 Schedule of Quantities and Prices included with Tender Documents (9 pages) and

<REPLACE WITH> Appendix 1 Schedule of Quantities and Prices Revised April 23, 2026 (9 pages following)

PROJECT SPECIFIC SPECIFICATIONS

<DELETE> Section 50 00 Bypass Pumping included with Tender Documents (2 pages) and
<REPLACE WITH> Section 50 00 Bypass Pumping (2 pages following)

ANSWERS TO SUBMITTED QUESTIONS

Q1 SA-16 was tendered in 2023, all bids were over budget. Has the budget been increased for these 3 projects?

A1 [The City has sufficient budget for these projects.](#)

Q2 Specs 01-41-00 1.3.3 - Contractor to obtain building permit. A building permit can take months to apply for and receive. Will the Owner require a building permit? If so, the process should be started ASAP by the Engineer/Owner.

A2 [The City will work with the contractor to expedite the process.](#)

Q3 Measurement & Payment clause for SA-16 Bypass item #1.06. Consider revising to 75% install & 25% removal, as the installation & operation of the system for the full duration is more than 50% of the cost.

A3 [Refer to Addendum #2 above. Yes—please refer to the revised Measurement and Payments attached, which reflects the updated allocation.](#)

Q4 SA-16 item #7.02 & #7.03 - consider revising the units to m3 from LS.

A4 [Please refer to Addendum #2 above. Appendix 1 - Schedule of Quantities and Prices is revised. These items are revised to unit rate items \(m³\).](#)



- Q5 Each project location contains its own Commissioning line item with a required value of 5% or 2% of its project value. In addition, SA-16 project has additional holdback requirements for commissioning in the amount of 15% for multiple tender items (#4.01, 4.02, 6.02, 6.03, 6.04, 6.06). Consider revising the holdback requirements on specific tender items in SA-16 to reduce the overall amount being held for commissioning.
- A5 The City is open to negotiations regarding holdback requirements. The multi-year project is part of this tender; therefore, holdback release requirements should not come as a surprise to anyone.
- Q6 Measurement & Payment #7.02 - SS Piping in Wet Well. Which project does this apply to? The item # does not coincide with any items in the Schedule of Quantities. Looks like it may refer to SA-11 Section 4?
- A6 This is a provisional pay item for SA-11. The standard design for the station specifies FRP piping; however, as the Contractor is required to have Barski on site to complete modifications, this item has been included to account for potential cost savings should stainless steel piping be proposed as an alternative.
- Q7 SA-16 item #7.04 - Tender qty of 2 days does not match the Measurement & Payment (3 days). How many days are required?
- A7 2 days required.
- Q8 Specs 01-45-00 clause 1.2.2 - Confirm Engineer is to appoint & pay for QC testing.
- A8 All performance testing for proposed work to be appointed and paid for by the contractor.
- Q9 Issue an Excel spreadsheet for the Schedule of Quantities.
- A9 The City will not issue an Excel spreadsheet for the Schedule of Quantities.
- Q10 SA-11 Dwg P02 - SS to HDPE Connection Detail - is a wye type connection required or can a tee type connection be accepted?
- A10 Design modifications will be considered during construction, to be priced as per design.
- Q11 SA-12 Dwg P01 & S2.1 - Can the new roof slab be poured as 2 separate pours?
#1 - 200mm wide x 400mm tall ring beam with dowels pointing up
#2 - precast roof slab with hatch & set onto previous pour & vertical dowels grouted in
- A11 The concrete cover and 200mm x 400mm ring collar around the existing wet well is to be cast in a single mono-pour.
- Q12 Specs 01-50-00 clause 1.1.3 - Confirm bypass flows for all 3 stations is 9L/s.
- A12 Refer to Addendum #2 above, Specification 01 50 11 is revised. This was an error in our specifications. Here are the bypass flows for each of the 3 stations.
SA-11 Bypass Flow: 17.5 L/s
SA-12 Bypass Flow: 22 L/s
SA-16 Bypass Flow: 63.5 L/s



Q13 SA-16 - Confirm a slow lane closure on Brunette Ave is permitted during daytime hours (9 am to 3 pm) to allow for the 50mm water service tie-in to the main.

A13 Yes.

Q14 SA-16 - Confirm the Lane can be closed to thru traffic from Brunette Ave north to the parking lot where the forcemain is installed.

A14 The proposed methodology requires review, subject to closure and site assessment.

Q15 SA-16 - Electrical drawings (Single Line) and Specs 16010 1.12 both reference 20Hp pumps for this station. Mechanical Dwg PO1 calls for 10Hp pumps. Please confirm pump requirements for this station.

A15 Please proceed with using the 10HP as shown on the mechanical drawings.

Please acknowledge this addendum as directed in the Form of Tender.

END OF ADDENDUM #2

Yours truly,

Heather M. Rossi
Procurement Specialist
Document #2874270

FORM OF TENDER – Appendix 1**SCHEDULE OF QUANTITIES AND PRICES
SA-11 Pump Station Upgrades**

(See paragraph 5.3.1 of the Instructions to Tenderers - Part II)

(All prices and *Quotations* including the *Contract Price* shall include all *Taxes*, but shall not include *GST*. *GST* shall be shown separately.)

Item	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
SA-11 - 1	General Requirements				
1.01	Mobilization and Demobilization	L.S.	1	\$	\$
1.02	Traffic Control	L.S.	1	\$	\$
1.03	Erosion & Sediment Control	L.S.	1	\$	\$
1.04	Quality Control/ Testing/ Start up/ Commissioning	L.S.	1	\$	\$
1.05	O&M Manuals & Redline Drawings	L.S.	1	\$	\$
1.06	Contractor Design Temporary Bypass System	L.S.	1	\$	\$
1.07	Temporary Facilities	L.S.	1	\$	\$
1.08	Project Identification	INCIDENTAL			
1.09	Groundwater Control, Treatment, and Disposal	INCIDENTAL			
Subtotal Section 1 – to be carried over to summary page				\$	

SA-11 - 2	Demolition and Removals				
2.01	Salvage and Disposal of Existing Electrical Kiosk and Concrete Slab	L.S.	1	\$	\$
2.02	Preparation of Existing Wet Well for Upgrades	L.S.	1	\$	\$
Subtotal Section 2 – to be carried over to summary page				\$	

SA-11 - 3	Civil and Geotechnical				
3.01	Site Topsoil Reinstatement	cu.m	4	\$	\$
3.02	Excavation and Disposal Offsite	cu.m	25	\$	\$
3.03	New Sanitary Forcemain	Lin.m	5	\$	\$
3.04	Connection to Existing Forcemain	L.S.	1	\$	\$

Tenderer's Initials _____

Item	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
3.05	Pre-Locate Existing Utilities	INCIDENTAL			
3.06	CCTV Inspection of Pipelines (Initial)	L.S.	1	\$	\$
3.07	CCTV Inspection of Pipelines (1 Year)	L.S.	1	\$	\$
3.08	Cap and Abandon Existing Forcemain	L.S.	1	\$	\$
3.09	Relocate Existing Hydrant-Controlled Water Valve	L.S.	1	\$	\$
Subtotal Section 3 – to be carried over to summary page				\$	

SA-11 - 4	Pump Station Mechanical				
4.01	Flygt NP 3102 SH 6.43HP Submersible Pumps	Each	2	\$	\$
4.02	SS Piping & Valves within Valve Chamber	L.S.	1	\$	\$
4.03	FRP Wet Well Modifications Including New Ladder and Exhaust Fan	L.S.	1	\$	\$
4.04	FRP Piping within Wet Well	L.S.	1	\$	\$
Subtotal Section 4 – to be carried over to summary page				\$	

SA-11 - 5	Pump Station Structural				
5.01	Pre-Cast Reinforced Concrete Valve Chamber, Including Custom Hatch	L.S.	1	\$	\$
5.02	Cast-In-Place Concrete Slab	Each	1	\$	\$
Subtotal Section 5 – to be carried over to summary page				\$	

SA-11 - 6	Pump Station Electrical				
6.01	Instrumentation, Wiring, Conduits, and Communications System	L.S.	1	\$	\$
6.02	Generator Enclosure Restoration	L.S.	1	\$	\$
6.03	Electrical Kiosk and Controls	L.S.	1	\$	\$
6.04	SCADA Communications Including Antenna, Assembly and Pole	L.S.	1	\$	\$
Subtotal Section 6 – to be carried over to summary page				\$	
SA-11 - 7	Provisional				
7.01	Over Excavation and Disposal Offsite	cu.m	10	\$	\$
Subtotal Section 7 – to be carried over to summary page				\$	

Tenderer's Initials _____

SA-12 Pump Station Upgrades

(See paragraph 5.3.1 of the Instructions to Tenderers - Part II)

(All prices and *Quotations* including the *Contract Price* shall include all *Taxes*, but shall not include *GST*. *GST* shall be shown separately.)

Item	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
SA-12 - 1	General Requirements				
1.01	Mobilization and Demobilization	L.S.	1	\$	\$
1.02	Traffic Control	L.S.	1	\$	\$
1.03	Erosion & Sediment Control	L.S.	1	\$	\$
1.04	Quality Control/ Testing/ Start up/ Commissioning	L.S.	1	\$	\$
1.05	O&M Manuals & Redline Drawings	L.S.	1	\$	\$
1.06	Contractor Design Temporary Bypass System	L.S.	1	\$	\$
1.07	Temporary Facilities	L.S.	1	\$	\$
1.08	Project Identification	INCIDENTAL			
1.09	Groundwater Control, Treatment, and Disposal	INCIDENTAL			
Subtotal Section 1 – to be carried over to summary page				\$	

SA-12 - 2	Demolition and Removals				
2.01	Salvage and Disposal of Existing Electrical Kiosk and Concrete Slab	L.S.	1	\$	\$
2.02	Preparation of Existing Wet Well for Upgrades	L.S.	1	\$	\$
Subtotal Section 2 – to be carried over to summary page				\$	

SA-12 - 3	Civil and Geotechnical				
3.01	50mm Thick of Asphalt Reinstatement	cu.m	7	\$	\$
3.02	75mm Thick of 19mm Minus Crushed Material	cu.m	5	\$	\$
3.03	Excavation and Disposal Offsite	cu.m	25	\$	\$
3.04	Pre-Locate Existing Utilities	INCIDENTAL			
Subtotal Section 3 – to be carried over to summary page				\$	

Tenderer's Initials _____

Item	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
SA-12 - 4	Pump Station Mechanical				
4.01	Flygt NP 3085 MT 3HP Submersible Pumps	Each	2	\$	\$
4.02	Wet Well Modifications Including New Ladder and SS Guiderails	L.S.	1	\$	\$
Subtotal Section 4 – to be carried over to summary page				\$	

SA-12 - 5	Pump Station Structural				
5.01	Cast-In-Place Wet Well Concrete Slab, Including Custom Hatch	L.S.	1	\$	\$
5.02	Cast-In-Place Concrete Slab	Each	1	\$	\$
Subtotal Section 5 – to be carried over to summary page				\$	

SA-12 - 6	Pump Station Electrical				
6.01	Instrumentation, Wiring, Conduits, and Communications System	L.S.	1	\$	\$
6.02	Electrical Kiosk and Controls	L.S.	1	\$	\$
6.03	SCADA Communications Including Antenna, Assembly and Pole	L.S.	1	\$	\$
Subtotal Section 6 – to be carried over to summary page				\$	

SA-12 - 7	Provisional				
7.01	Over Excavation and Disposal Offsite	cu.m	10	\$	\$
Subtotal Section 7 – to be carried over to summary page				\$	

Tenderer's Initials _____

SA-16 Pump Station Upgrades

(See paragraph 5.3.1 of the Instructions to Tenderers - Part II)

(All prices and *Quotations* including the *Contract Price* shall include all *Taxes*, but shall not include *GST*. *GST* shall be shown separately.)

Item	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
SA-16-1	General Requirements				
1.01	Mobilization and Demobilization	L.S.	1	\$	\$
1.02	Traffic Control	L.S.	1	\$	\$
1.03	Erosion & Sediment Control	L.S.	1	\$	\$
1.04	Start-Up & Commissioning	L.S.	1	\$	\$
1.05	O&M Manuals & Redline Drawings	L.S.	1	\$	\$
1.06	Contractor Design Temporary Bypass System	L.S.	1	\$	\$
1.07	Temporary Facilities	L.S.	1	\$	\$
1.08	Project Identification	INCIDENTAL			
1.09	Groundwater Control, Treatment, and Disposal	INCIDENTAL			
Subtotal Section 1 – to be carried over to summary page				\$	

SA-16-2	Demolition and Removals				
2.01	Removal and Disposal of Existing Pump Station Building	L.S.	1	\$	\$
2.02	Removal and Disposal of Existing Concrete	L.S.	1	\$	\$
Subtotal Section 2 – to be carried over to summary page				\$	

SA-16-3	Civil and Geotechnical				
3.01	Pre-Locate Existing Utilities	L.S.	1	\$	\$
3.02	Site Grading and Restoration	L.S.	1	\$	\$
3.03	CCTV Inspection of Pipelines (Initial)	L.S.	1	\$	\$
3.04	CCTV Inspection of Pipelines (One Year)	L.S.	1	\$	\$
3.05	Supply and Install Sanitary Forcemain	Lin.m	85	\$	\$
3.06	Water Service and Associated Works	L.S.	1	\$	\$

Tenderer's Initials _____

Item	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
3.07	Asphalt Parking Pad	cu.m	1	\$	\$
3.08	Rollover Curb and Sidewalk	L.S.	1	\$	\$
3.09	Supply and Install Perimeter Security Fence c/w Roller Gate	L.S.	1	\$	\$
3.10	Supply and Install Bollards	L.S.	1	\$	\$
Subtotal Section 3 – to be carried over to summary page				\$	

SA-16-4	Pump Station Mechanical				
4.01	Flygt NP 3127 LT 3 Phase 425 Submersible Pumps	Each	2	\$	\$
4.02	Piping & Valves	L.S.	1	\$	\$
4.03	Metal Works	L.S.	1	\$	\$
Subtotal Section 4 – to be carried over to summary page				\$	

SA-16-5	Pump Station Structural				
5.01	Polyurethane Liner for Wet Well and Valve Chamber	L.S.	1	\$	\$
5.02	Cast-In-Place Wet Well and Valve Chamber Cover	L.S.	1	\$	\$
5.03	Cast-In-Place Concrete Slab	L.S.	1	\$	\$
5.04	Cast-In-Place Wet Well and Valve Chamber Walls, Floors and Benching	L.S.	1	\$	\$
Subtotal Section 5 – to be carried over to summary page				\$	

SA-16-6	Pump Station Electrical				
6.01	Electrical Service	L.S.	1	\$	\$
6.02	Generator Set	L.S.	1	\$	\$
6.03	Electrical Kiosk	L.S.	1	\$	\$
6.04	Instrumentation	L.S.	1	\$	\$
6.05	SCADA Antenna and Assembly	L.S.	1	\$	\$
6.06	Electrical Systems	L.S.	1	\$	\$
6.07	4" Communication Conduit	L.S.	1	\$	\$
Subtotal Section 6 – to be carried over to summary page				\$	

Tenderer's Initials _____

Item	Description	Unit	Quantity	Unit Price (\$)	Amount (\$)
SA-16-7	Provisional				
7.01	Alternate Forcemain Profile and Blow-Down Assembly	L.S.	1	\$	\$
7.02	Rock Removal	Cu.m	1	\$	\$
7.03	Over Excavation	Cu.m	1	\$	\$
7.04	Allow City Structural Engineer to Conduct Inspection of Existing Infrastructure During Bypassing	Per Day	2	\$	\$
Subtotal Section 7 – to be carried over to summary page				\$	

Tenderer's Initials _____

1. GENERAL

1.1 DESCRIPTION

- .1 The work of this section includes the provision of a temporary bypass pumping system to operate during the duration of the pump station upgrade work and as required to carry out the work of the contract. The bypass pumping system is to be installed, tested, and confirmed to be fully operational prior to isolation of the existing pump station and remain operational until all upgrades are complete and the new pumps and valves are fully commissioned and accepted, as determined by the Contract Administrator at which time the bypass system is to be removed.
- .2 The bypass pumping system is a critical component of the Work and all components thereof must be of adequate quality and reliability.
- .3 The required capacity of the contractor-designed bypass pumping system shall be as follows:
 - SA-11 Bypass Flow: 17.5 L/s
 - SA-12 Bypass Flow: 22 L/s
 - SA-16 Bypass Flow: 63.5 L/s

The Contractor is responsible for selecting the bypass collection and discharge locations and for confirming the total dynamic head for pump sizing.

1.2 GENERAL DESCRIPTION OF COMPONENTS

- .1 The main components of the bypass pumping system include:
 - .1 Bypass pumps and automatic level control systems;
 - .2 Suction and discharge piping, valves and fittings including road ramps as required to maintain safe vehicle and pedestrian access;
 - .3 Electric and/or diesel powered;
 - .4 Redundancy in case of power failure or pump malfunction;
 - .5 Automated alarm and control system;
 - .6 Testing and commissioning of the bypass pumping system;
 - .7 Bypass system shall be from portable diesel generator or from a temporary power service (fully coordinated and provided by the Contractor) a BC Hydro service.

1.3 CONTRACTOR RESPONSIBLE FOR BYPASS SYSTEM

- .1 The bypass system shall be designed, installed, operated and maintained solely by the

Contractor.

- .2 The Contractor shall submit an emergency response plan which will be implemented in the event of a bypass system failure or malfunction which results in high water levels (above high water alarm float) and can be implemented in an acceptable time period.
- .3 In the event of a backup, overflow, or other malfunction attributable to the bypass pumping system which causes damage to the surrounding areas, the Contractor shall be solely responsible for all costs and repairs associated by such event.

1.4 SUBMITTALS

- .1 Details of the bypass pumping system, including the emergency response plan, must be submitted to the Contract Administrator as part of the Environmental Protection Plan (EPP) for review prior to installation. A bypass design and operational memorandum detailing the emergency response plan, system components, performance, spill contingency and operational details is to be submitted to the Contract Administrator for review prior to installation.

1.5 ADDITIONAL BYPASS PUMPING SYSTEM REQUIREMENTS

- .1 The basic requirements of the bypass pumping system include:
 - .1 Mufflers or enclosures for diesel engines to reduce noise from the generator and must not exceed allowable levels (70 dB), minimizing disturbance to local residence.
 - .2 Remedial measures to restore the temporary bypass system to proper operation in the event of a system malfunction of local or remote alarm.
 - .3 Emergency generator power plug for connecting to the bypass pump electrical system (in the event of a loss of power) adequate to run the bypassing system.
- .2 The Contractor shall must provide at their cost a generator system, or vacuum trucking plan, adequate to run all pumps during all power cut-overs and BC Hydro switchovers.

2. PRODUCTS

Not Used

3. EXECUTION

Not Used

END OF SECTION 01 50 00

FORM OF TENDER – Appendix 1**SCHEDULE OF QUANTITIES AND PRICES**

(See paragraph 5.3.1 of the Instructions to Tenderers - Part II)

(All prices and *Quotations* including the *Contract Price* shall include all *Taxes*, but shall not include *GST*. *GST* shall be shown separately.)

TENDER SUMMARY

ITEM	DESCRIPTION	TOTAL AMOUNT
SA-11 Pump Station Upgrades		
SA-11-1.0	General Items	\$
SA-11-2.0	Demolition and Removals	\$
SA-11-3.0	Civil and Geotechnical	\$
SA-11-4.0	Pump Station Mechanical	\$
SA-11-5.0	Pump Station Structural	\$
SA-11-6.0	Pump Station Electrical	\$
SA-11-7.0	Provisional	\$
SA-11 SUBTOTAL		\$

SA-12 Pump Station Upgrades		
SA-12-1.0	General Items	\$
SA-12-2.0	Demolition and Removals	\$
SA-12-3.0	Civil and Geotechnical	\$
SA-12-4.0	Pump Station Mechanical	\$
SA-12-5.0	Pump Station Structural	\$
SA-12-6.0	Pump Station Electrical	\$
SA-12-7.0	Provisional	\$
SA-12 SUBTOTAL		\$

Tenderer's Initials _____

SA-16 Pump Station Upgrades		
SA-16-1.0	General Items	\$
SA-16-2.0	Demolition and Removals	\$
SA-16-3.0	Civil and Geotechnical	\$
SA-16-4.0	Pump Station Mechanical	\$
SA-16-5.0	Pump Station Structural	\$
SA-16-6.0	Pump Station Electrical	\$
SA-16-7.0	Provisional	\$
SA-16 SUBTOTAL		

SA-11, SA-12, SA-16 TENDERED PRICE

\$

5% GST

\$

TOTAL TENDERED PRICE

\$

Tenderer's Initials _____