

Tender No. 22.06.20B

Newcastle Dike Upgrades Project

ADDENDUM No. A-03



ADDENDUM A-03

Project:	Tender No. 22.06.20B - Drumheller Resiliency and Flood Mitigation – Newcastle Dike Upgrade Project
Addendum:	A-03
Date:	July 15, 2022
Location:	Drumheller, Alberta

To All Bidders:

1. General

- 1.1. This addendum shall be read in conjunction with Tender No. 22.06.20B Drumheller Resiliency and Flood Mitigation – Newcastle Dike Upgrade Project.
- 1.2. Where inconsistent with the above, this addendum shall govern. This addendum forms an integral part of the Contract Documents and shall be included therein.
- 1.3. No consideration shall be allowed for increases (extras) to the CONTRACT PRICE due to the failure of the Contractor or Subcontractor not being familiar with this addendum.
- 1.4. The Bidder shall insert in the Tender Form the number(s) of the addenda received by them during the tendering period and taken into account by them in preparing their tender.

2. Tender Forms

The Tender Forms in the Contract Documents are hereby amended as follows:

2.1 Section 2.5 – Unit Price Schedule

- .1 REPLACE the form in its entirety with the revised Unit Price Schedule appended to this Addendum.

3. Specifications

The Specifications in the Contract Documents are hereby amended as follows:

3.1 Section 01280 – Measurement Schedule

.1 REPLACE Line Item 2.13 – Ø 500 mm Tideflex Valve (TF-101) as follows:

2.13	Ø 450 mm Tideflex Valve (TF-1)	<p>.1 Scope: Includes all labour, equipment, and materials required to supply and install Ø 450 mm Tideflex Check-Valve (TF-1) as shown in the Design Drawings and specifications, and all related work and materials for which payment is not included elsewhere.</p> <p>.2 Measurement: Shall be per Ø 450 mm Tideflex Check-Valve (TF-1)</p> <p>.3 Payment: Unit Price per Ø 450 mm Tideflex Check-Valve (TF-1)</p>
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.2 ADD Line Item 2.19 – Bedding 5B as follows:

2.19	Bedding 5B	<p>.1 Scope: Includes preparing receiving surfaces; supplying, paying royalties, sizing, screening, quality control testing, loading, hauling, temporary stockpiling, placing, and trimming of Bedding 5B; and all related work and materials for which payment is not included elsewhere.</p> <p>.2 Measurement: Shall be the in-place volume of Bedding Gravel 5B between the fill lines, grades, slopes, elevations and dimensions specified in the Contract Documents or as adjusted by the Engineer of Record..</p> <p>3 Payment: Unit Price per cubic metre.</p>
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.2 ADD Line Item 4.3 – Restoration of Utility Easement as follows:

4.3	Restoration of Utility Easement	<p>.1 Scope: Includes removal and reinstallation of fence, vegetation removal, landscape restoration, cleanup, and; other work identified by the Engineer of Record.</p> <p>.2 Payment: Cash Allowance.</p>
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3.2 Section 02220 – Demolition, Salvage, and Removal

.3 REPLACE Clause 2.4.1 as follows:

- .1 The Contractor is to remove the following structures and reinstall at a location specified by the Owner and Engineer of Record (if deemed suitable for re-use by the Owner and Engineer of Record).

Existing Structure	Approximate Station	Note
Memorial Benches (4)	4+200, 4+250, 4+700	Remove as required to perform work and reinstall
Garbage Bins	4+200, 4+250, 4+700	Remove as required to perform work and reinstall
Picnic Tables (5)	4+700	Remove as required to perform work and reinstall
Guard Rail (60 m)	3+150, 4+020	Remove as required to perform work and reinstall
Chain Link Fence (47 m)	4+830 to 4+880	Remove as required to perform work and reinstall

4. Drawings

The Drawings in the Contract Documents are hereby amended as follows:

4.1 Drawing C-102

- .1 Plan, Approx. Sta 3+300

- .1 REVISE text at approx. Sta 3+300 as follows :

- .1 EXISTING 450 Ø CONC CROSS-DRAIN D3 TO REMAIN. REMOVE EXISTING CONC FLARED END. EXPOSE LENGTH OF PIPE TO PERMIT INSTALLATION OF NEW HEADWALL AND TIDEFLEX VALVE (SERIES TF-1 OR APPROVED EQUIVALENT).

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4.2 Drawing C-401

.1 Plan View

.1 REVISE label at approx. Sta 0+028 as follows:

.1 "5A MANHOLE Ø 1.2 m"

.1 Profile View

.1 REVISE label at approx. Sta 0+028 as follows:

.1 5A MANHOLE Ø 1.2 m WITH GRATED TOP
RIM EL. 682.10
BOTTOM EL. 680.33

5. Questions

The following questions were received prior to the close of questions. The responses are provided as follows:

Question 1: There is an existing storm outfall at stn 3+300 which will be receiving a new flared end. There is a straight drop-off to the river below this location. Is any riprap armouring required below the new outlet?

Response: Yes, riprap armouring, consisting of Class 2 riprap over Bedding 5B riprap bedding, will be required. Bedding 5B riprap bedding has been added to the Unit Price Schedule (revised and appended to this Addendum) and the quantities are updated to reflect this location. Refer to additional revisions related to this location presented earlier in this Addendum.

Question 2: Has any progress been made with the landowners along stn 4+050 to 4+250 and 5+000 and 5+080? The latest drawings still show the work is pending negotiations.

Response: Landowner negotiations are still underway. For the purposes of bidding, assume that the negotiations are complete and access is permitted. If this is not the case at the time of construction, the impacts will be reviewed at that time.

Question 3: MH to be tied into at stn 4+590 is directly under the fence of the property owners. To perform this tie-in, the fences and one shed will need to be removed. Are the landowners aware of the work to be done? Who is responsible for removing the fence and shed which are in the way? Does the fence need to be replaced?

Response: The Town will notify the property owner prior to construction. The contractor is responsible to remove and reinstall the fence, remove vegetation, restore landscaping, and clean up. A cash allowance, titled "Restoration of Utility Easement" has been added in this Addendum to cover this scope. Refer to the revision to the Measurement Schedule earlier in this Addendum and the revised Unit Price Schedule appended to this Addendum. The property owner will be responsible to move the shed prior to construction.

Question 4: Chainlink fence along the ball diamonds stn 4+800 and 4+900 will need to be removed and replaced to accommodate the work. How will this be paid?

Response: The chainlink fence is to be removed and reinstalled and is to be included in the Demolition and Salvage line item. Refer to the revision presented earlier in this Addendum.

Question 5: What is the timeline on the relocation of the power poles at stn 4+825. Will the contractor be required to work around them?

Response: The relocation of the power poles is still under review. For the purposes of bidding, assume that the contractor will be required to work around them.

Question 6: There are existing jersey barriers at stn 5+050. Will these need to be removed?

Response: The jersey barriers are to remain. The dike is to tie into the top of the jersey barriers.

Question 7: Large trees are adjacent to the work for the majority of the project. Please advise what is to be done with large roots when encountered during the work.

Response: Roots are to be removed to 1 m below the ground surface or to the satisfaction of the Engineer, as per Technical Specification Section 02232 – Site Clearing and Grubbing, Clause 2.2.3.

Question 8: 1S Manhole is shown on dwg C-401 and appears to have a typo for the rim elevation. Please confirm the correct rim elevation.

Response: The rim elevation has been corrected in the revision earlier in the Addendum.

Question 9: Two type 1S Manholes are shown on the cross section on page C-401. The schedule of quantities shows one type 1S manhole and one type 5A. Please confirm what is required.

Response: One Type 1S manhole is required in the dike, and one Type 5A manhole is required between the upstream tie-in and the new dike. This has been corrected in the revision presented earlier in the Addendum.

Question 10: Please confirm the class of riprap bedding required. Can a line item be created for this work?

Response: Riprap bedding is Class 5B bedding. A line item has been created for this work. Refer to the revision to the Measurement Schedule presented earlier in the Addendum and the revised Unit Price Schedule appended to this Memorandum.

Question 11: Is a pre and post borrow inspection required for the import fill source?

Response: The contractor is not required to provide these inspection reports. The Engineer may complete this on their own if they decide it is warranted.

6. Attachments

6.1 The following documents are appended to and form part of this Addendum:

.1 Unit Price Schedule (3 pages)

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7. Acknowledgement

7.1 Bidders shall acknowledge receipt of this Addendum where required on Form 2.4 Addenda Received.

8. Tender Submission Deadline

8.1 The Tender Submission Deadline remains unchanged.

End of Addendum A-03

2.5 UNIT PRICE SCHEDULE (ADDENDUM No. A-03)**TOWN OF DRUMHELLER****Drumheller Resiliency and Flood Mitigation**

FOR

Town of Drumheller**Newcastle Dike Upgrades Project****Tender No.: 22.06.20B****KLOHN CRIPPEN BERGER LTD. PROJECT No.: A03409A05**

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL BID
1. GENERAL REQUIREMENTS					
1.1	Mobilization and Demobilization	Lump Sum	1	\$	\$
1.2	Existing and Temporary Access Roads	Lump Sum	1	\$	\$
2. SITE WORK					
2.1	Demolition and Removal	Lump Sum	1	\$	\$
2.2	Demolition and Salvage	Lump Sum	1	\$	\$
2.3	Clearing and Grubbing	sq. m.	20,000	\$	\$
2.4	Topsoil and Subsoil Stripping	cu. m.	1,800	\$	\$
2.5	Excavation	cu. m.	2,800	\$	\$
2.6	Impervious Fill Zone 1A	cu. m.	24,000	\$	\$

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL BID
2.7	Topsoil Placement	cu. m.	3,600	\$	\$
2.8	Imported Topsoil	cu. m.	1,800	\$	\$
2.9	Riprap Class 2	cu. m.	280	\$	\$
2.10	Ø 450 mm PVC Pipe	lin. m.	64	\$	\$
2.11	1S Manhole 1.2 x 1.2	each	1	\$	\$
2.12	5A Manhole	each	1	\$	\$
2.13	Ø 450 mm Tideflex Valve (TF-1)	each	1	\$	\$
2.14	Ø 600 mm Sluice Gate	each	1	\$	\$
2.15	Willow Plantings	lin. m.	20	\$	\$
2.16	Hydroseed	sq. m.	23,000	\$	\$
2.17	Vehicle Access Control Gates	each	2	\$	\$
2.18	Erosion Control Blanket	sq. m,	6,000	\$	\$
2.19	Bedding 5B	cu. m.	150	\$	\$

3. MAINTENANCE					
3.1	Landscape Maintenance Year 1	year	1	\$	\$
3.2	Landscape Maintenance Year 2	year	1	\$	\$
4. CASH ALLOWANCES					
4.1	Care of Water and Turbidity Barriers	Cash Allowance		\$	50,000.00
4.2	Repairs to Existing Storm Sewer	Cash Allowance		\$	100,000.00
4.3	Restoration of Utility Easement	Cash Allowance		\$	5,000.00
TOTAL TENDER AMOUNT:					

Contractor's Representative Signature

Contractor's Name (Print)

Print Name

Position in Company

Witness or Seal

Contractor's G.S.T. No.

Date