HEROLD ENGINEERING

Addendum

Attn: Bidders

DATE: May 11, 2020 **PROJECT No.:** 0837-047/05

PROJECT NAME:
GNPCC Frontage Works
Tender 20-2027

From: Patrick Ryan, P.Eng.

6 Pages Following

AD-04

1. *This Addendum shall be read in conjunction with and considered as an integral part of the Contract Documents; revisions supercede the information contained in the original drawings, specifications or previously issued Addendum.*
2. *Tender Price submitted shall include all items of this Addendum.*
3. *No consideration will be allowed for any extras due to any bidder not being familiar with the contents of this Addendum.*

CLARIFICATIONS

1. Item 3.2 in the Schedule of Quantities is to be revised from ’300’ to ‘**30**’. Refer to revised Schedule of Quantities.

QUESTIONS & ANSWERS *(numbering continued from AD-03)*

Q22: *SoQ bid item 1.1 provides 23 boulevard trees, however Civil DWGs call for 26 and Landscape DWGs call for 30. Please verify which is correct.*
A22: The final number of trees may vary depending on the location of the FortisBC gas main. The number of trees is anticipated to be 23.

Q23: *For SoQ bid items 11.2a, 11.2b, and 11.3, please provide an updated area list if bid item 11.1 is affected.*
A23: No change to Items 11.2a, 11.2b. or 11.3.

Q24: *Is there a center line pavement marking required along the trail? If so, where will the payment for this be?*
A24: No centerline is required.

Q25: *Civil DWG C04 shows Pedestrian Letdown calling for CoN DWG CS-15. Please provide accurate reference as standard DWG CS-15 shows ‘Fire Lane Telescoping Bollard’*
A25: The correct detail for the pedestrian ramp is CS-7a.

Q26: *Please verify the total areas for the SoQ Bid item 6.4 ‘Removal of Existing Sidewalk’ sub items a and b.*
A26: See revised Schedule of Quantities.

Q27: *The Irrigation Design seen on I-1 and I-2 Does not match the Landscape Planting plan and the Civil DWGs. Please provide updated drawings to match as material take offs for irrigation will vary depending on which drawings are used.*
A27: See full set of tender documents including the Tree Replacement and Riparian Enhancement report prepared by EDI, and Supplemental and General Conditions.

Q28: *Fire Hydrants are found on site, but not all are clearly identified on the civil drawings. Please provide updated civil drawings showing locations of the FHs.*
A28: Existing fire hydrant locations will be shown on the IFC drawings.

Q29: *Please verify whether the existing tree at the corner of Shores Drive and Hammond Bay Road, located just beyond the existing fence, will be part of tree removal*
A29: Tree removal limits were represented in the field via survey stakes as well as on the section drawings.

Q30: *Are we to assume that the approx. extent of clearing and grubbing begins from the edge of the existing pavement and ends at the proposed line, as shown on DWG C06*
A30: Correct, including the information provided by the statement made in AD-01 (Clarification #6). Additional requirements are noted in the Tree Replacement and Riparian Enhancement report.

Q31: *For bid item 1.9 'Habitat Wood Rail Fence', CoN drawing standards show a bevel at the top of each post. Would a post cap be an acceptable alternate to the bevel or can the top of each post be left flat*
A31: For bidding purposes allow for what is shown on the CoN detail.

END OF AD-04 (Final Addendum)

Per: _____
Patrick Ryan, P.Eng.

CC: J. Haddou - RDN

Greater Nanaimo Pollution Control Centre Frontage Works

PART V

TENDER FORM (Revised)

The following are our tendered prices for the cost of the work for each item as outlined in the respective payment clauses in the specification.

Item	Description	Est.Qty.	Units	Unit Price	Total
Section 1	**General Requirements**				
1.1	Location of Underground Utilities	1	LS		
1.2	Environmental Mitigation	1	LS		
1.3	Control of Public Traffic	1	LS		
1.4	Project Layout	1	LS		
1.5	Tree Removal, Clearing and Grubbing	1	LS		
1.6	Temporary Security Fence - 1.8 m High	1	LS		
1.7	Removal of Existing Structures				
	a) Chain Link Fence	1	LS		
	b) Catch Basin	1	LS		
1.8	Enhancement Project	1	LS		
1.9	Habitat Wood Rail Fence	1	LS		
	Total Section 1				
Section 2	**Site Work, Rough Grading and Backfill**				
2.1	Common Excavation and Disposal offsite	1,000	m^3		
2.2	Overexcavation and Placement of Subbase Gravel Fill	100	tonne		
2.3	Imported Granular Fill	2,500	tonne		
	Total Section 2				

Item	Description	Est.Qty.	Units	Unit Price	Total
Section 3	**Trench Excavation and Backfill**				
3.1	Overexcavation and Placement of Base Gravel Material (Provisional)	10	tonne		
3.2	Imported Granular Fill	30	tonne		
	Total Section 3				
Section 4	**Water Distribution System**				
4.1	Irrigation Water Service - 38mm dia.	1	LS		
	Total Section 4				
Section 5	**Storm Sewer System**				
5.1	Storm Sewer Piping				
	a) 200mm dia. PVC SDR35 - CB Lead	10	m		
5.2	Connection to existing piping				
	a) Connection to Existing 525 mm dia. Concrete Pipe	1	LS		
5.3	Catch Basin SW-3	1	LS		
	Total Section 5				
Section 6	**Curbs and Sidewalk**				
6.1	Concrete Curb CS-1	365	m		
6.2	Concrete Pedestrian Ramp				
	a) Station 3+020	1	LS		
	b) Station 3+ 380	1	LS		
6.3	Cutting of Existing Sidewalk	10	m		

Item	Description	Est.Qty.	Units	Unit Price	Total
6.4	Removal of Existing Sidewalk				
	a) Removal of Existing Asphalt Sidewalk	420	m^2		
	b) Removal of Existing Concrete Sidewalk	195	m^2		
6.5	Cutting and Removal of Existing Concrete Curb	300	m		
	Total Section 6				
Section 7	**Trailway**				
7.1	Asphalt Pavement - 60 mm Thick	180	tonne		
7.2	Base Course	670	tonne		
7.3	Gravel Shoulder - 100 mm Thickness	100	tonne		
	Total Section 7				
Section 8	**Streets**				
8.1	Subgrade Preparation				
	a) Roads	560	m^2		
	b) Trailway	1,600	m^2		
8.2	Subbase	400	tonne		
8.3	Base Course	180	tonne		
8.4	Pavement Markings	1	LS		
8.5	Traffic Signs	1	LS		
	Total Section 8				
Section 9	**Asphaltic Concrete Paving**				
9.1	Cutting of Existing Asphalt	350	m		
9.2	Removal of Existing Pavement	200	m2		
9.3	Lap Joint	400	m		
9.4	Asphaltic Concrete				

Item	Description	Est.Qty.	Units	Unit Price	Total
	a) 75mm (Hammond Bay Road)	60	tonne		
	b) 50mm (Shores Drive)	20	tonne		
9.5	Adjustment of Utilities	1	LS		
	Total Section 9				
Section 10	**Roadway Lighting**				
10.1	Electrical Scope of Work Drawing E1	1	LS		
	Total Section 10				
Section 11	**Landscaping**				
11.1	Boulevard Trees	23	ea		
11.2	Topsoil - 150mm thickness				
	a) Boulevard	800	m^2		
	b) Trail Embankment	1,100	m^2		
	c) Riparian Enhancement c/w Seed & Mulch	960	m^2		
11.3	Hydroseed Grass	1,900	m^2		
11.4	Irrigation	1	LS		
11.5	Maintenance (1 year)	1	LS		
	Total Section 11				

Item	Description	Est.Qty.	Units	Unit Price	Total
Summary					
Section 1	General Requirements				
Section 2	Site Work, Rough Grading and Backfill				
Section 3	Trench Excavation and Backfill				
Section 4	Water Distribution System				
Section 5	Storm Sewer System				
Section 6	Curbs and Sidewalk				
Section 7	Trailway				
Section 8	Streets				
Section 9	Asphaltic Concrete Paving				
Section 10	Roadway Lighting				
Section 11	Landscaping				
	TOTAL ALL SECTIONS				
	GST	5%			
	TOTAL				