NEW WESTMINSTER

August 9, 2013

ADDENDUM #5
NWIT-13-17
4th Street Pedestrian Overpass
New Westminster, BC

This addendum modifies the Invitation to Tender only as noted:

NOTE:

The City advises bidders that the City may not be able to answer any further inquires prior to Tender Closing. Bidders who wish to make an inquiry should do so by email to nwpurchasing@newwestcity.ca

Q1 Can the City of New Westminster provide a schedule of daily rail traffic?

A1 Currently we do not have a schedule from the railways during the construction period. The rail line closes to the Park where the overpass will touches down currently runs trains to approx. 10 am then re starts late afternoon.

ADDITIONAL INFORMATION

Please see Tender Addendum 5 from Associated Engineering (4 pages following)

Please acknowledge this addendum on page 8 of 9 in the Revised August 1, 2013 Bid Form.

END OF ADDENDUM #5

Yours truly,

Heather M. Rossi
Intermediate Buyer
email: hrossi@newwestcity.ca

Associated Engineering | GLOBAL PERSPECTIVE. LOCAL FOCUS.

Date:	August 8, 2013	**File:**	20132297
To:	Keith Whiteley, A.Sc.T.		
From:	Craig Schaper, P.Eng.		
Project:	4th St Ped Overpass		
Subject:	Tender Addendum 5		

MEMO

This Addendum forms part of the Bid Documents and amends the original Contract Requirements, Specifications, and Drawings.

1. **Responses to Queries**:

Q1. Re: Project Specification Section 08 80 50 Clause 2.2.5: “solar heat gain reducing properties” is insufficient definition; can you please provide further specification details?

R1. Add additional sentence to Specification Section 08 80 50 Clause 2.2.5: “The glazing shall have a minimum VT value of 0.60, together with a maximum SHGC value of 0.40.”

Q2. Drawing 2297-104 rev. 1 calls out the column size as HSS 610x15.9, while drawing 2297-108 calls out the column size as HSS 610x12.7. Please confirm which governs?

R2. The column size should be HSS 610x15.9. Drawing 2297-108 (Rev 1) has been corrected to remove this discrepancy, and is included as part of this addendum.

Q3. Section 05 12 23 Clause 1.1.2.4 – ASTM A500 Grade C is a welded product in North America and is not available in seamless except in Europe. ASTM A500 Grade C is only produced up to 20 inch in diameter; so the HSS 610 diameter would have to be a pipe specification.

R3. Yes, we have specified the seamless HSS 610 diameter sections as API 5L-X52 pipe (please refer to the General Notes DWG 2297-102 Note 3a). Also, please refer to General Notes DWG 2297-102 Note 3b and 3c for the members specified as ASTM A500 Grade C, which are available in the sizes called up in the drawings.

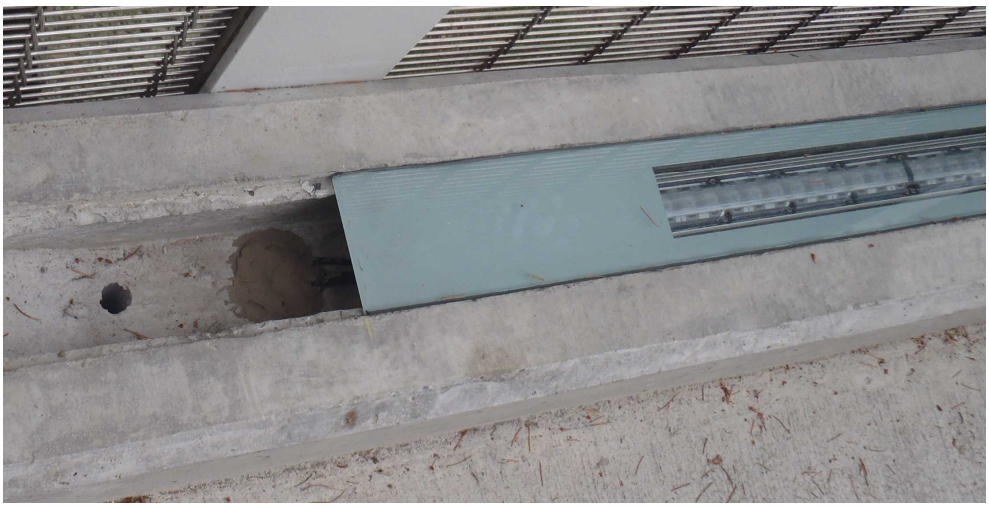
Q4. Who is responsible for paying for the high strain load dynamic (HSDL) testing of the piles? According to clause 1.1.4 of the Pile Foundations Specifications, the HSDL testing should be included in the lump sum price. However, according to clause 3.4.1, the HSDL testing will be completed by a testing agency selected by the consultant and paid for by the owner.

R4. We confirm that the HSDL testing of two piles is to be included in the Lump Sum Price bid for the pile supply and installation. To remove the noted discrepancy, Specification Section 02 45 01 Clause 3.4.1 and Clause 3.4.5 are deleted.

Q5. Re: 2297-602. The concrete has a continuous block-out for the lighting and wiring. Is the glass to be

continuous as well? Or is the glass cut into pieces the same size as the light fixture, and some other material blanks off in between the lighting to hide wiring? Secondly, the glass is detailed laying flat on the continuous 13x13 block-out and some angle of some sort but no mechanical fasteners are shown. This means that the glass will need to be held down with structural silicone which makes it difficult to remove when the lights need service. Can the architect provide additional details to show the intent of fastening the glazing to the structure?

R5. Yes, the glass is to be installed along the full length of the curb block-out, with sealed joints in line with the center of each stanchion. Each length of glass requires opaque frosted borders to hide the concrete ledge seating and opaque frosted end portions in-between the lengths of the light fixtures. To illustrate this further, a picture is shown below from a similar local installation. Yes, the intent is for the glass to be seated and sealed with polyurethane sealant (no angle shown).



Q6. Is the Contractor required to relocate the electrical lines that currently run through the elevator footing and if so under what pay item is the work to be priced.

R6. No, this work has been completed separately since the mandatory site meeting. All the electrical conduits will have been moved to the locations indicated on the revised electrical drawings prior to the Contractor commencing on site.

Q7. There are two types of wire rope systems for cable railing by Bezdan, called up on DWG 2997-124, and each has a different set of fittings. Please clarify the cable railing system?

R7. The call-up on DWG 2997-124 is expanded as follows: “Bezdan CableRail Standard Stainless Steel

Cable Assembly, or approved equal, c/w Bezdan Quick-Connect fixed end fittings and swaged threaded terminal end fittings. All end fittings to receive Stainless-Steel Chamfered End Caps, secured with LocTite. Bevel Washers to be provided for angular cable runs on staircase railings."

A more comprehensive description of the Bezdan CableRail Assembly is as follows:

- ¼" stainless steel cable
- ¼" cable Standard Stainless Steel Assembly, with (i) Quick-Connect®SS fitting attached to the cable in the field, and (ii) Threaded Terminal fitting swaged to the other end of the cable at the factory.
- Flat Washers and nuts as required for a complete and proper installation including bevel washers at stairs for proper support of angular cable runs.
- Isolation brushings for ¼" cable (non-metallic), installed with silicone sealant on outer face of each post including all terminations to eliminate direct contact of dissimilar metals – stainless steel cable rails to hot-dipped galvanized steel posts.
- All end fittings to receive Stainless steel chamfered end caps, secured with Loctite.

NOTES:

1. ELECTRICAL OUTLET HOLES, LOCATIONS AS CO-ORDINATED WITH THE ENGINEER. MAXIMUM HOLE SIZE 30ø.

NO.	DATE	ENG.	BY	SUBJECT
1	2013-08-08	C.S.	K.B.	ADDENDUM 5 - COLUMN SECTION CALL OUT CORRECTED
0	2013-06-21	C.S.	K.B.	ISSUED FOR TENDER

REVISIONS

NEW WESTMINSTER

Associated Engineering

PROJECT No.	20132297
SCALE	AS SHOWN
DRAWN	KARAM BAHI
DESIGNED	CRAIG SCHAPER

CITY OF NEW WESTMINSTER

STRUCTURAL
STEEL FRAMING - SHEET 1

4TH STREET
PEDESTRIAN OVERPASS

DRAWING NUMBER	REV. NO.	SHEET
2297-108	1	8 / 28

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DATE: 2013-08-09, Karam Bahi