



NEW WESTMINSTER

September 28, 2017

ENQUIRIES AND RESPONSES # 2
NWIT-17-34
Ewen Avenue Reconstruction (Phase 3)
New Westminster, BC

ANSWERS TO SUBMITTED QUESTIONS

- Q17 Please specify the strength of the 200 mm thick concrete bus pad. Civil Drawing D-01 calls for 32 MPa concrete whereas D-04 calls for 40 MPa.
- A17 The 200mm thick concrete bus pad shall be 40MPa concrete.
- Q18 Civil Drawing D-01 calls for 100x100 10M steel wire mesh in the 200mm concrete slab but the schedule of quantities item 18.1 calls for both fiber reinforcement and mesh. Please specify whether fibre reinforcement is needed. If so, please provide details regarding the fibre reinforcement.
- A18 Fibre reinforced concrete is not required for the bus pads.
- Q19 Please provide locations and details (ex. depth) for item 18.2 (optional) 300 mm wide concrete band with quantities of 380 linear meters.
- A19 Drawings L108 (sheet 60) through L111 (Sheet 63) are examples where a labels are provided indicating typical locations of the optionally priced edger near centre road medians. Optional infill of concrete or asphalt (separate prices) is labelled. Edger to be 300mm wide x 200mm deep, complete with road base and preparation to match surrounding road design structure. Provide 2 (two) 10m rebar bars centred (min. 75mm cover all sides) within edger. The edger (band) should follow design grades and integrate flush and seamlessly with asphalt road.
- Q20 Cost for preload installation, removal, and temporary drainage during settlement should be included in which tender bid item?
- A20 The preload material has been separated out into a new line item 14.5 in Addendum #3. The above costs shall be included in this line item.
- Q21 Saw cut asphalt at widening area for curb installation may required, cost for saw cutting asphalt will be paid by which bid item?
- A21 Saw cutting will be incidental to the contract.
- Q22 Bid item 14.1 says Granular material whereas drawing # 38 note A-5 and also C-2 call for crushed granular material, which is correct? Is it required to supply crushed subbase?
- A22 The granular material in line item 14.1 shall be crushed and has been revised in Addendum #3 to 75mm Minus Crushed Granular Base.
- Q23 Regarding Bid item 14.4 MMCD pitrun gravel please advise location/detail where this gravel may be installed.
- A23 It is anticipated that the material in line item 14.4 be used in bulk fill applications such as shallow ditch infilling.

- Q24 We suppose bid item 17.9 landscape optional item duplicated in item 18.3, right?
A24 Optional item 17.9 to be 'Streetprint' or approved alternate stamped asphalt print pattern. An alternate integrally coloured stamped concrete pattern is optionally priced as item 18.3 on the Schedule of Quantities and Prices. The surrounding decorative band (edger) needed to surround the patterned surface is also priced as a separate price on bid item 18.2 of the Schedule of Quantities and Prices.
- Q25 Is dewatering required for this project. If yes, please provide a pay item. Or is it incidental to the Sewer Works?
A25 Dewatering shall be incidental to line item 1.1 Environmental Protection.
- Q26 Does treatment of dewatering need to be considered if dewatering is required?
A26 Clear groundwater and stormwater can be discharged to adjacent ditches. Sediment laden water must be filtered through best management practices (BMPs) outlined in the CMP and/or as approved by the Environmental Monitor prior to discharging to adjacent ditches.

Refer to Enquiries and Responses #1 A15 regarding the discharging of contaminated water.
- Q27 Where can we discharge the dewatered water?
A27 Refer to A26 above.
- Q28 What's modified on the C4 bases as well. Drawing say modified C4 base, but I don't see what's different about it?
A28 Tenderers are to bid on the modified base detail shown on D-02 (Sheet 4 of 77).
- Q29 Can we confirm that all 9.0m poles that have banner arms need a larger custom spread foot base? Or is it just the 9 M Poles that have the banner and backlights that need the larger?
A29 Confirmed that all 9.0m poles with banner arms required the modified base detail shown on D-02.
- Q30 Do you have any more detail for Note 21 on the electrical drawings. As far as the soil preparation at each base location.
A30 Note 21 refers to the detail D02 (Sheet 4 of 77). Refer to Addendum #3 for revised details.
- Q31 Does item 17.9 (optional) Asphalt Streetprint includes both the asphalt and stamping itself? Or is all the asphalt included and paid through the items 17.1 and 17.2? Similarly, does item 18.3 (optional) Concrete streetprint include both the concrete and stamping?
A31 Refer to Q24/A24 above. The edger band 18.2 is its own bid item. There are two optional items for what goes inside the band, Streetprint or Stamped Concrete. The Streetprint option is covered under item 17.9 and the Stamped concrete option is covered under item 18.3 of the Schedule of Quantities and Prices.
- Q32 Can a further tender Extension to closing date be considered.
A32 At this time, no further extension to the tender will be considered.
- Q33 Which Pumice LWF material is acceptable for this project. Red Vehicular or White Pumice?
A33 Lightweight fill in line item 14.3 has been revised in Addendum #3 and shall be Red Vesicular Basalt.

Q34 Item 9.1, Remove existing utility pole, would these works not be completed by a qualified BC Hydro Contractor?

A34 [Line item 9.1 has been revised in Addendum #3.](#)

Q35 When is the anticipated construction start date?

A35 [Refer to Enquiries and Responses #1 A9 regarding the commencement date.](#)

Q36 Drawing L106, Landscape Planting Key (sheet 58 of 77 in drawings package) is blank. We need a plant list in order to price.

A36 [Refer to replacement sheet L106 included in Addendum #3.](#)

Q37 Item 5.1 Drinking fountain, comes with water service, and Item 29.3, water fountain Stub with PRV chamber etc. Which items are to be included in each pay item. Is just the supply and install of Drinking fountain to be with the fountain, and all other water and civil works for the fountain with Pay item 29.3?

A37 [Line item 5.1 has been deleted in Addendum #3.](#)

Q38 1.4.6S that handrail is incidental to wall construction. Please clarify if handrail is paid as incidental to wall or paid under item 20.1

A38 [Handrails will be paid for under line item 20.1.](#)

Q39 Some questions arising from this bid. Landscape key is blank.

1. Item 5.2 – Waste Receptacle – need exact model & finish.
2. Item 20.1 – Handrail – ISL detail calls for MMCD C14 railing made of aluminium, regular MMCD is galvanized steel please clarify.
3. Item 25.1 - require tree list with species size etc.
4. Item 25.2 – confirm cedar tree species.
5. Item 25.3 – confirm latin name of required laurel species.
6. Item 25.3 – require feature planting list with species, sizes etc.
7. Item 25.4 – require rain garden plant list with species sizes etc.

A39 [The following responses are provided in sequence to the question asked above:](#)

1. [Item 5.2: Waste Receptacle to be Modena MCTR-21 receptacle by Wishbone Site Furnishings Ltd complete with bolt down hardware \(or approved alternate\). Frame and slats to be black.](#)
2. [Item 20.1: Handrail to be galvanized steel as per MMCD C14](#)
3. [Item 25.1: Tree list is included in the overall plant list included within the L106 Landscape Planting Key Replacement Sheet, dated 17/09/25 included in Addendum #3.](#)
4. [Item 25.2: Cedar tree species is included in the overall plant list included within the L106 Landscape Planting Key Replacement Sheet, dated 17/09/25 included in Addendum #3.](#)
5. [Item 25.3: Laurel species latin name is included in overall plant list included within the L106 Landscape Planting Key Replacement Sheet, dated 17/09/25 included in Addendum #3.](#)
6. [Item 25.3: Feature plant and overall plant list quantities and sizes are included within the L106 Landscape Planting Key Replacement Sheet, dated 17/09/25 included in Addendum #3.](#)
7. [Item 25.4: Rain garden plant list and overall quantities and sizes are included within the L106 Landscape Planting Key Replacement Sheet, dated 17/09/25 included in Addendum #3.](#)

- Q40 Does The City have plans to segregate contaminated material on-site? Or everything above schedule 7 will be mixed for off-site disposal?
A40 Contaminated materials will be excavated, handled, and disposed of to the requirements of the Contractor's disposal facilities.
- Q41 Is the Property Restoration works, (Topsoil, Hydroseed, Driveways Resto etc.) incorporated in to the unit rates or is this resto works incidental?
A41 Restoration within the limits of construction will be under the unit rates in the contract. Restorations that occur outside of limits of construction as a result of construction activity will be seen as incidental to the contract.
- Q42 There is no Pay Item for the 600mm HDPE Storm Culverts, Please add. Can you also Add Profile drawings noting Depth and Inverts for the 600mm Culverts. Non Provided in the storm drawings.
A42 Refer to line item 33.6 in Addendum #3. Profile drawings have not been included. Inverts can be calculated based on information provided, cover on the pipe will be 0.6m to 1.0m
- Q43 Item 4.3.12 in the SGC on Page 5, Shrub removal, Protection and or relocate determined after site walk through with contract admin. How is this to be paid for?
A43 Tenderers shall bid such that all shrubs within the limits of construction are to be removed from site. Any additional retention or relocation of shrubs will be considered a change.
- Q44 Are all CB's to be constructed per Detail on Drawing D05, with Beehive Grating and 600mm Diam. Barrel Size or are they to be 900mm Diam Size per Schedule of Quantities. Item 32.1?
A44 Line item 32.5 only includes supply and install of the Beehive Grates for 600mm diameter barrel. Line items 32.1 and 32.4 include barrels and grates.
- Q45 Is ISL going to be responsible for Environmental monitoring for the whole project, All Cost associated with this will be paid for by the City correct? No cost will be bared by the contractor?
A45 The City will retain the Environmental Monitor for the project.
- Q46 Can ISL Provide a ESC Drawing that would need to be implemented for this project.
A46 An ESC drawing will not be provided. All ESC shall be in accordance with the CMP and City of New Westminster applicable bylaws.
- Q47 Testing to determine type of contaminated material after stockpiled will be completed by the Contract Admin or the Environmental monitor. Correct? Although Pay item 1.4 under contaminated material suggest testing is to be completed by the Contractor. Which way are we to price?
A47 Contaminated material management, including testing, shall be the responsibility of the Contractor. The Contract Administrator and/or the Environmental Monitor may complete Quality Assurance testing of contaminated material.
- Q48 How long does the Preload need to be in place for @ the Twin Culvert Location? How many reading of the settlement gauges are required? Weekly, bi-weekly, Monthly? Please clarify.
A48 Tenderers shall assume 8 months for preload for bidding purposes. Settlement gauge readings should be taken on top of gauge and adjacent fill elevation. Initial reading shall be taken prior to fill placement, and then readings shall be taken weekly until 2 weeks after full fill placement and bi-weekly for the next month and monthly thereafter. Results shall be provided to the Contract Administrator.

- Q49 Bid items 2.6 to 2.9 refer to MMCD section 03 30 20 subsections 1.4.6s and 1.4.8s but I couldn't find these in the spec.
A49 [Refer to Addendum #2.](#)
- Q50 Can you also provide us with a plant list of schedule
A50 [Refer to Sheet L106 replacement and affiliated drawing replacements included in Addendum #3.](#)
- Q51 We have a question regarding the light bases for this project. How are they proposing the lamp standard bases get installed in the EPS zones?
A51 [Refer to revised details on D-02 \(Sheet 4 of 77\) in Addendum #3.](#)
- Q52 Where can I find in the drawings the info/details for Item 2.9 – Concrete Planter Wall Support, 10m3
A52 [Refer to sheet L123 replacement included in Addendum #3.](#)
- Q53 Will the contractor be required to retain the services of a QEP for any items such as ESC Plans, EMP (we understand there is a CMP), or environmental monitoring? Or will this all be completed by consultants retained by the City?
A53 [Refer to A45 and A46 above.](#)
- Q54 Addendum #2, revised Schedule of Quantities, item 9.1 trees & shrubs removals have been added to this item whereas item 7.1 tree and shrub removal remained unchanged, please clarify.
A54 [Line item 7.1 has been deleted in Addendum #3.](#)
- Q55 Note 21 on the Electrical drawings 49 of 84. Can we get a detail or confirm what they want done
A55 [Refer to A30 above.](#)
- Q56 Note 6i on Addendum #2. It is asking for Street lights between project limit at Hampton St complete to Gifford St are to receive banners and baskets. Are they referring to all of the streetlights or just the new poles? The existing poles in that stretch we are adding backlights to them and painting the pole. If these existing poles get banners and baskets the existing bases will need to be changed to a custom spread foot. Which will cost substantially more. Adding banners to these poles changes the wind load. Changing these bases was not in the original scope of work. Can we confirm what poles from Hampton Street to Gifford Street get these banners and baskets?
A56 [Only new street light poles will receive baskets and/or banners.](#)
- Q57 Regarding bid item 3.12, do you have any structural details for this bid item (rain garden)?
A57 [Cast-in-place concrete curb inlet/splash pads will be as per L119, L120, L121 and L122.](#)
- Q58 Regarding bid item 9.10 Remove existing utility poles (which includes also removal of conduits), where we can find extend of the scope of work for this removal; # of poles, etc.?
A58 [Line item 9.1 has been revised in Addendum #3.](#)

Q59 I was curious about the Ewen Ave. Reconstruction Phase 3 Project; specifically the choice to go with 1000mm Weholite HDPE pipe and 1500/1800mm Weholite manholes. My question is if there could be an option to quote reinforced concrete pipe and manhole material as an alternative to Weholite. I noticed there will be areas of traffic loading and shallow cover which makes plastic pipe an interesting choice for this project; if nothing else, allowing a competitive product like concrete will significantly decrease the price of the pipe material. Following with that, if RCP is allowed, would the city permit the use of a concrete pipe bedding detail (as per ASTM C1479)? Since concrete pipe is a structure on its own, imported aggregates for embedment material are only required to the springline of the pipe (as opposed to 300mm above the crown like what plastic pipe requires, as per ASTM D2321).

A59 [Reinforced concrete pipe is not accepted as an alternate to the Weholite pipe and manholes.](#)

END of Enquiries and Responses

Yours truly,



Heather M. Rossi
Intermediate Buyer