



SUNSHINE COAST REGIONAL DISTRICT

ADDENDUM NO. 3

Invitation to Tender No. 2137017

Well Field Development and Water Treatment Plant

Date: December 3, 2021

This addendum forms part of the contract documents and shall be read, interpreted, and coordinated with all other parts. The costs of all work contained herein shall be included in the tender submission. The following revisions, clarifications, changes, additions, or deletions supersede the information contained in the original documents to the extent referenced and shall become part thereof:

Number of pages including attachments: # 7

Item No. 1

Question: There are empty sections in the Low Voltage Motor Control Center. Is it assumed that the PLC hardware be installed in the empty sections or is it assumed the PLC hardware will be installed in a separate panel?

Answer: The empty sections in the MCC are assumed to be a result of the selection of a different MCC manufacturer than Schneider Square D (original design). If a full empty section exists due to different sizing of MCC cabinets, the contractor may elect to not install that section; however, the PLC hardware shall be installed in a separate Control Compartment section of the Low Voltage Motor Control Center lineup. Refer to MCC section 12 in drawing 8525-00-E-501 and 8525-00-EI-501 for details. All PLC hardware must be contained in one section of the MCC as per drawings. The contractor is responsible for all changes to the MCC including conduit stub-up locations, footprint and elevation design changes, and any changes in wiring methods. The contractor also must ensure that the MCC will fit within the designated space allocated in the original design.

Item No. 2

Question: Allen Bradley LV MCC are on the approved vendor list. Can Allen Bradley PowerFlex Variable Frequency Drives be an approved Variable Frequency Drive?

Answer: Yes, this is acceptable.

Add

26 29 11 – Variable Frequency Drives

.1 Section 2:

.2 Allen Bradley PowerFlex Series

Item No. 3

Question: P&ID Drawing 8525-00-D-003 shows line 200-TW-H1 as 200mm past BUV-119 but when the 200mm line transitions from horizontal to vertical it shows the H2 underground line as 250-PW-H2. Drawing 825-00-D-301 also shows the line as 200mm on the horizontal and vertical lines continuing underground as opposed to the 250mm shown on D-003 on the vertical line. Can you please clarify the line size and at what point this line increases from 200mm to 250mm. Also this line shows BUV-121 on D-003 but that butterfly valve is not shown on D-301. Can you also clarify if this butterfly valve is required, what size it would be and what the location in the line would be as BUV-119 is shown on the vertical drop prior to transitioning to the H2 line

Answer: The correct size is 200mm. Line description on D-003 should be 200-PW-H1 inside building and 200-PW-H2 outside building.

Item No. 4

Question: The HDPE line that is to connect to the line referenced in question one is 300mm HDPE. On civil drawing 8525-00-C-130 it shows the 300mm HDPE line running right into the stainless steel line that comes out of the water treatment plan. This drawing shows the line increasing from the 200mm (which is referenced in question 1) to an unknown size which could be 250mm (as shown in the P&IDs). Should this line be increasing from 200mm to 300mm to match the incoming HDPE raw water watermain or is there a reducer in the Civil scope that reduces from the 300mm watermain to 250mm prior to the connection at the water treatment plant? Please clarify.

Answer:

There is a reducer in the civil scope to adjust from 250mm SS to 300mm HDPE. Civil drawing sizes should be followed when notes on drawing D-003 says See Civil.

Item No. 5

Question: P&ID drawing 8525-00-D-003 shows the 100mm line (100-RW-H1) branching off the 200mm line but prior to transitioning to the H2 line for the underground portion it shows the line size being 250mm (250-PW-H1) and it also shows the underground portion of this line as being 250mm. When cross referencing with drawing 8525-00-D-130 that full line is 100mm above ground and below ground. Please clarify if there is to be an increase in the line size prior to exiting the water treatment plant. This line feeds into the well mitigation line that is shown on Drawing D-130 as 150mm HDPE. Is there a requirement for this line to match the 150mm line as it exits the WTP or will the civil contractor transition with a reduction in the line (if this line is 100mm) or an increase (if the line is 250mm) Please clarify.

Answer: For the well mitigation line, the line code should be 100-PW-H1 inside building and 100-PW-H2 outside building. Civil piping will require transition from 100mm to 150mm HDPE well mitigation line.

Item No. 6

Question: Drawing 8525-00-D-006 shows the new stainless steel lines going into the reservoir as 200-OV-H1 and 200-PW-H1. In the water treatment plant when transitioning from above ground to underground it shows all lines going from the H1 spec (S10 304SS) to the H2 spec (S40 316SS). Are we to do the same transition on these two lines from H2 to H1 or are we to use the H1 specification for the underground portion of these two lines? Please clarify.

Answer: Bid as shown in the drawings.

Item No. 7

Question: Appendix 2 – Page 1 of 1 it says to refer to Appendix B – Regional District’s Approved Products List for additional detailed information. I cannot find this Appendix or List?

Answer: Delete reference to Appendix B for Approved Product List

Replace:

SCRD Approved Products Include:

- | | |
|-------------------------------|---|
| - Hydrants: | Terminal City 20P |
| - Air Valves: | Terminal City 1 “ double acting air valve |
| - Gate Valves:
(50-200 mm) | Meuller, Clow, or Terminal City AWWA Approved Class 350 resilient wedge |
| - Fittings (bends, tees): | Class 350, Terminal City |
| - Curb Stops: | Meuller 300 series (B25209) or equivalent |
| - Corporation Stops: | Meuller 300 series (B25008) or equivalent |

Please refer to Appendix B – Regional District’s Approved Product List for additional detailed information.
The Regional District may consider any alternatives to the approved product list if these alternatives meet our requirements.

With

SCRD Approved Products Include:

- | | |
|----------------|---|
| - Hydrants: | Terminal City 20P |
| - Air Valves: | Terminal City 1 “ double acting air valve |
| - Gate Valves: | Meuller, Clow, or Terminal City AWWA Approved Class 350 resilient wedge |

- (50-200 mm)
- Fittings (bends, tees): Class 350, Terminal City
 - Curb Stops: Mueller 300 series (B25209) or equivalent
 - Corporation Stops: Mueller 300 series (B25008) or equivalent

The Regional District may consider any alternatives to the approved product list if these alternatives meet our requirements.

Item No. 8

Question: I could not find the bidders list for this job. Would you be able to send that over?

Answer: No, the Regional District does not provide a bidders lists.

Item No. 9

Question: Headwall specifications and manufacture “endwalls fiberglass” & “grillage trash screen”.

Answer:

CIF Composites Pro-Eco-Lite Headwall with Trash Screen or approved equivalent

Item No. 10

Question: Please confirm clean out specs

Answer: Refer to MMCD S7

Item No. 11

Question: Please confirm two manhole locations (not the dechlorination) and manhole sizes.

Answer: There is only 1 and it is located on the drain line from the building Drawing C-130, size 1050mm.

SoQ will be updated on final addendum.

Item No. 12

Question: Where is the staging area the SCRCD is proposing for the reuse of the existing materials (pay items Top soils, sub-base, base, millings) going to be provided? There is a significant volume without sufficient storage available onsite?

Answer: Contractor to propose locations, it is noted that there is a location available at Shirley Macy Park, other locations may be available within the road RW, but these are up to the contractor to determine these locations and request them.

Item No. 13

Question: Please provide a description of the pay item “Granular Base 150mm Thickness for Path. Reuse of millings from” and what is included in this item

Answer: Pay item as per 32 11 23, 1.4.2, but material to be used is millings from this project

Item No. 14

Question: Topsoil Stripping & Reuse pay item. Please confirm this includes excavation, stockpiling, reloading, and re-installing?

Answer: Yes

Item No. 15

Question: It appears there is an overage on the 350mm HDPE Pipe quantities and the 300mm DI Pipe quantities, please review and revise if necessary

Answer: This quantity will be confirmed on the final addendum with an SoQ update.

It should be noted that this project is a unit price contract and all quantities are considered approximate.

9.4	.1	Quantity Variation	GC 9.4 Quantity Variations; delete the contents of GC 9.4 and replace with: The estimate of quantities shown in the Bid Form serves only to provide a basis for comparing bids and that no representations have been made by either Owner or Engineer that the actual quantities will even approximately correspond therewith, and further, the Owner has the right to increase or decrease the quantities in any or all items and to eliminate items entirely from the work.
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Item No. 16

Question: Please confirm if the reuse items are provisional sum items?

Answer: Yes these are estimated quantities for budget purposes.

It should be noted that this project is a unit price contract and all quantities are considered approximate.

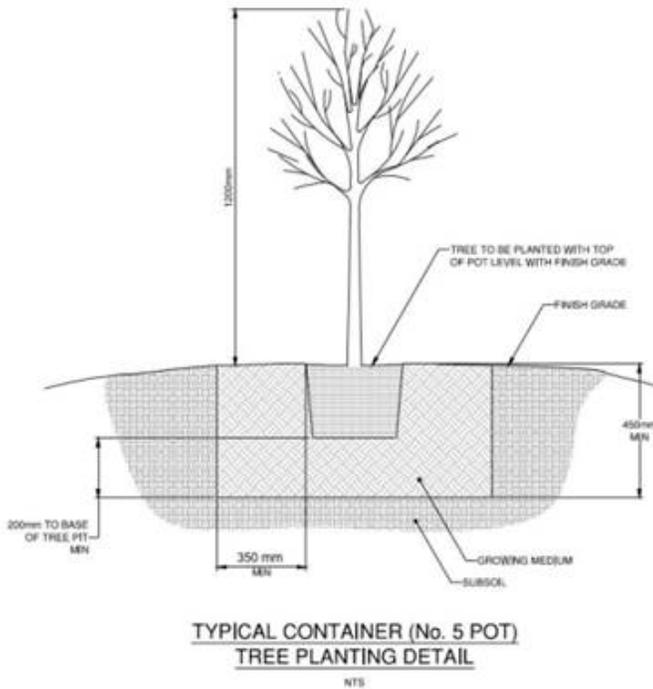
9.4	.1	Quantity Variation	GC 9.4 Quantity Variations; delete the contents of GC 9.4 and replace with: The estimate of quantities shown in the Bid Form serves only to provide a basis for comparing bids and that no representations have been made by either Owner or Engineer that the actual quantities will even approximately correspond therewith, and further, the Owner has the right to increase or decrease the quantities in any or all items and to eliminate items entirely from the work.
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Item No. 17

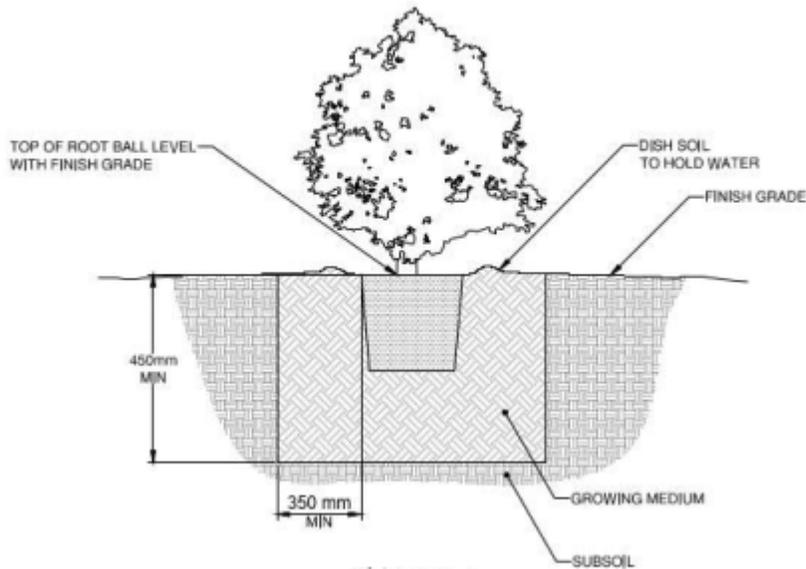
Question: It appears tree pits are (2.25m deep x 4m x 4m) 36m³ in volume each. Can you please confirm this value as it seems excessive? Please confirm tree pit and shrub pit required dimensions

Answer: Tree/Shrub pits to be a minimum of 450mm deep, and 350mm around as per details below.

Replace Figure 1 on 8525-00-L-001 with the following



Replace Figure 2 on 8525-00-L-001 with the following



Item No. 18 Invitation to Tender 3.0 Submission of Tenders Item 3.1

Question: With all major highways shut down for non-essential travel to the coast, will emailed tenders be acceptable? Provided digital bonds are submitted?

Answer: Please delete:

“

3.0 Submission of Tenders

3.1

Tenders must be submitted in a sealed envelope, marked on the outside with the above *Contract* Title and Reference No., and must be received by the office of:

Vanessa Schilling, Purchasing & Risk Officer

(TITLE OF POSITION)

on or before:

Tender Closing Time: 3 : 00 , pm local time

Tender Closing Date: December 9 , 20 21

at

Address: 1975 Field Road

Sechelt, BC V7Z 0A8

Fax: 604 885 6824

- 3.2 Late tenders will not be accepted or considered, and will be returned unopened.
- 3.3 Tenders will not be opened in public.

”

Please add:

“

3.0 Submission of Tenders

- 3.1 Tenders must be submitted by Hardcopy or by BC Bid e-submissions

Hard Copy Submissions must be a sealed envelope, marked on the outside with the above *Contract* Title and Reference No., and must be received by the office of:

Vanessa Schilling, Purchasing & Risk Officer

(TITLE OF POSITION)

on or before:

Tender Closing Time: _____ 3 : _____ 00 , _____ pm local time

Tender Closing Date: _____ December 9 _____ , 20 _____ 21 _____

at

Address: _____ 1975 Field Road _____

_____ Sechelt, BC V7Z 0A8 _____

Fax: _____ 604 _____ 885 _____ 6824 _____

Or

BC Bid Electronic Submissions:

Tender may submit an electronic proposal using BC Bid. Tenders must be submitted in accordance with the BC Bid requirements and e-bidding key requirements (found at www.bcbid.ca). Only pre-authorized electronic bidders registered on the BC Bid system can submit an electronic proposal using the BC Bid system. Use of an e-bidding key is effective as a signature.

Electronic copies of the bonds need to be included with the submission and originals need to follow within 5 days of the closing date and time.

- 3.2 Late tenders will not be accepted or considered, and will be returned unopened.
- 3.3 Tenders will not be opened in public.
- 3.4 For electronic submissions (BC Bid), the following applies:
 - (i) The Proponent is solely responsible for ensuring that the complete electronic Proposal, including all attachments, is received before Closing Time;
 - (ii) Attachments must not be compressed or encrypted, must not contain viruses or malware, must not be corrupted, and

must be able to be opened using commonly available software (e.g. Adobe Acrobat). Proponents submitting by electronic submission are solely responsible for ensuring that any emails or attachments are not corrupted. The Regional District has no obligation to attempt to remedy any message or attachment that is received corrupted or cannot be viewed. The Regional District may reject proposals that are compressed encrypted, cannot be opened or that contain viruses or malware or corrupted attachments.

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Item No. 19

Question: Is native trench backfill acceptable for the watermain trenches?

Answer: It is expected that native material will be suitable backfill for watermain trenches. In the event that material is unsuitable ~2100m³ have been carried for removal of unsuitable, and import (pit run) to account for material that is unsuitable for backfill

Item No 20

Clarification:

- As observed in the field at the mandatory bidders meeting on November 10, 2021, a curb and gutter has recently been constructed on the south side of Reed Road between Payne Road and Park Road. This new curb creates a potential conflict with the proposed water mains as shown and the SCRCD has requested approval from MOTI to construct the new water mains on the north side of Reed Road. Assuming it moves to the north side of Reed, layout of appurtenances will be more or less the same and paving requirements will still be full lane width.
- For the purposes of pricing, bidders are to assume that the water mains will remain on the south side of Reed Road and will be required to provide pricing for full replacement of the entire length of the curb and gutter and reinstating the ground surface beyond the curb, which should be assumed as a grassy boulevard.
 - o Line items for removal and replacement of the Curb per Ln m will be added to the SoQ for the final addendum, as well as boulevard Landscaping replacement, per sq.m

Item No 21:

Instructions to Tenderers Part 1

Add:

Item 1.3

All questions/clarifications must be submitted by email prior to 2:00 pm local time, three (3) business days prior to closing date.

Addendum No. 3 is issued prior to receipt of submission and shall form part of the contract documents. The revisions shall clarify the information contained in the original Proposal documents issued on November 3, 2021.

If you have any questions regarding the above, please contact the undersigned.

Vanessa Schilling, Purchasing & Risk Officer
Sunshine Coast Regional District