



Project:	2023-RFP-058 Lift Station 1 & Lower Iqaluit PT.A2 to LS1 Project		
Addendum No.	2	No. of Pages:	3
Date:	July 27, 2023	Doc. No:	P7201-810372863-107(1.0)

The following change(s) in the Request for Quotation Documents are effective immediately.
This Addendum forms part of the Contract Documents.

CLARIFICATIONS

- Q1.** Please advise what SCADA platform / Software vender is being used at the City’s Scada system and on the local HMIs at Lift Station 1?
- A1:** The Owner’s SCADA system employs an Inductive Automation (Ignition) base. The local HMIs employ an island mode of the central SCADA and operate as clients; when communications are successful the HMI operates a runtime of the central project, but during communications failure utilizes an automatic failover to a local version.
- Q2.** In the AV, this is the first time that we’ve seen pipe bent like this, with the top cut out and benching installed. Would the consultant be open to not having the bent pipe installed and just having the concrete benching?
- A2:** With the larger diameter pipe, there were several concerns and comments if the typical cleanout were to be used:
- Flooding when the cleanout cover is discarded would result in approx. 500 mm of stagnant effluent (to top of cleanout).
 - Concrete benching would allow easier cleaning.
 - Limited by the access hatch dimensions, the larger cleanout would not pass the through the hatch and would have to be installed before the roof is installed.
 - An open half-pipe would provide a base for worker while finishing the concrete benching rather than trying to work standing in fresh concrete.
- Q3.** In speaking with a couple of the companies that perform pipe bending, it appears that the access vaults radii may be too small for them to bend the pipe. Typically, they need 3x the pipe radius (3x16” = 48” or 1220mm) and the vault radius is 1065mm. Is it possible to increase the diameter of the vaults or delete the bent pipe and just do the concrete benching.
- A3:**
- We looked at larger vaults, and it was not considered to be necessary. As noted above, forming deep concrete benching may be impractical within the restricted space.
 - An alternative to curved pipe would be segmented bends, i.e. 1 or 2 beveled sections. This would give workers some solid footing while forming the benching.

- We would consider a contractor-provided plan to form deep concrete benching within shop drawing review, however, it would be the responsibility of the contractor to provide a constructable plan for approval.

SPECIFICATION REVISIONS

1. Section V Table of Contents Technical Specifications:
 - Division 7 Thermal and Moisture Protection - Section 01 18 50 should read Section 07 15 50.
 - Division 26 Electrical - Section 26 22 23 Variable Frequency Drives should read Section 26 29 33 Variable Frequency Drives should.
 - Division 26 Electrical - Section 26 56 07 Starting by Manufacturer's Representative should read Section 26 56 01 Starting by Manufacturer's Representative.
 - Delete from Table of Contents Section 40 70 11 Instrumentation Codes, Permits and Fees.
2. Section 26 05 06 Operations and Maintenance
 - Change title to Section 26 56 06 Operations and Maintenance.
3. Section 07 21 13 – Board Insulation:
 - Foamular NGX 400 is not acceptable as it is not an EPS product.
4. Section 07 42 13 – Metal Cladding - Walls:
 - Color: Cambridge White VW 6161.
 - Profile: CL/439 by Vicwest (Material and Color to be verified by contractor before ordering).
5. Section 07 61 00 – Sheet Metal Roofing:
 - Color: Cambridge White VW 6161.
 - Profile: CL/439 by Vicwest (Material and Color to be verified by contractor before ordering).

DRAWING REVISIONS

1. A-402
 - Waterproofing Membrane; ICF Foundation Membrane manufactured by RESISTO, complete with RESISTO Primer.
 - On detail 4 & 7; Asphalt Expansion Joint 13mm thickness, by W. R. Meadows.
2. S-103
 - Refer to Detail A on S-301 for wall column details at each side of Door D100A.1.
3. C-508 – Plan-NEW MH 5
 - As requested, angles provided.
4. C-509 – Plan-NEW MH 3

- As requested, angles provided.

ATTACHMENTS

1. Drawings (provided by Stantec):
 - C-508, revised PLAN-NEW MH 5, plan only
 - C-509, revised PLAN-NEW MH 3, plan only