



PROCUREMENT SERVICES

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ADDENDUM No. 1

REQUEST FOR TENDER No.:	1220-020-2024-002
TITLE:	DISTRICT ENERGY TRANSFER STATIONS
ADDENDUM ISSUE DATE:	JANUARY 19, 2024
CLOSING DATE AND TIME:	ON OR BEFORE THE FOLLOWING DATE AND TIME (THE "CLOSING TIME"):
	TIME: 11:00 A.M. (LOCAL TIME)
	DATE: JANUARY 25, 2024

INFORMATION FOR TENDERERS

Tenderers are advised that Addendum No. 1 to 1220-020-2024-002 is hereby issued by the City. This addendum shall form part of the contract documents and is to be read, interpreted and coordinated with all other parts. The following information is provided to answer questions raised by Tenderers for the above-named project, to the extent referenced and shall become a part thereof. No consideration will be allowed for extras due to the Tenderers or any sub-contractor not being familiar with this addendum. This Addendum No. 1 contains three (3) pages.

QUESTIONS AND ANSWERS:

- Q1.** The Scope of Work for the Controls and Metering Vender in section 25 05 01 item 1.2.3 calls for control devices to be ready for integration into the existing control system front-end. Please confirm what control system exists.
- A1.** Tenderers should allow for integration into the existing VT Scada front end control system.
- Q2.** Further, please confirm if Controls are to provide the program graphics as part of the scope of work.
- A2.** The Controls scope of work includes provision of program graphics.

Q3. According to the drawing following quantities of Dielectric Unions are needed but the Manufacturer, Hart in writing informed that they don't manufacture Unions larger than 3". Please advise .

Size	Qty	UoM
6" Di-Electric union	3	Ea.
4" Di-Electric union	1	Ea.

A3. Dielectric unions are used only for pipes 2" or smaller. Dielectric couplings for pipe sizes greater than 2" should consist of electric insulating/isolating kits between flanges and bolts with full face isolating gasket. Refer to specification 23 05 01 2.8.

Q4. Building OAT and Pump Room Current Sensors for all (12) sites:

- a. Please confirm the installation of the building OAT conduit from the district energy room to the North side of the building to be provided by Base Building contractor and not the ETS contractor. If the ETS contractor is to supply, please confirm the distance.
- b. Please confirm the installation of the building OAT wiring from the district energy room to the North side of the building to be provided by Base Building contractor and not the ETS contractor. If the ETS contractor is to supply, please confirm the distance.
- c. Please provide information on the distance between the building secondary pumps to the ETS room control panel..

A4. See corresponding answers below:

- a. Installation of the OAT conduit will be provided by the Base Building contractor.
- b. Supply of OAT sensor and wiring from OAT sensor to ETS control panel is by the ETS contractor. Tenderers should assume a distance of 100 ft.
- c. Installation of pump status conduit will be provided by the Base Building contractor. Supply of current transducers and wiring from current transducers to ETS control panel is by the ETS contractor. Tenderers should assume a distance of 100 ft.

Q5. Please confirm if there are any necessary approvals required from the buildings Structural Engineer before attaching attachments to the building structure, i.e. concrete scanning before drilling anchor bolts..

A5. Exact requirements from Base Building structural will be determined after Tender. Tenderers should allow for concrete scanning prior to drilling anchor bolts.

Q6. The scope of work notes to provide the ETS's including inspections, testing and flushing. The specifications note to flush the piping system at a water velocity of 1.5 m/s, which will require a high-velocity pump and temporary piping to create a closed-loop. Please confirm if the interior piping (between the buried DES tie-in and the ETS) is also required to be flushed.

A6. Yes, interior piping is required to be flushed. ETS Contractor may propose alternate methods to clean interior piping.

Q7. The setpoints for safety relief valves for all ETS is higher (>150psi) than available with the Watts model specified. Please confirm if Kunkle models are acceptable..

A7. Product selection must meet specification 23 21 13.02 and does not need to be Watts.

Q8. During the site walkthrough, it was noted at one or more buildings that the DEU room is only accessible through a narrow corridor limiting access for a skid-mounted ETS. Please confirm if a field built ETS is acceptable where access is limited.

A8. Yes, field built ETS is acceptable where access is limited. Determination of whether access is sufficient for a skid-mounted ETS or if field built ETS is instead required is at the discretion of the ETS contractor.

All Addenda will become part of the Contract Documents.

- END OF ADDENDUM -