

## ADDENDUM NO. 2 REQUEST FOR PROPOSAL NO. 034-2023-SW-R003

### Thurston County Public Works Department Solid Waste Division

**TO:** All Respondents

**FROM:** Dawn Ashton, Procurement and Contract Specialist

**CLOSING DATE:** February 13, 2023 at 3:00 p.m. PT (UNCHANGED)

**REF NO.:** RFP 034-2023-SW-R003 – Solid Waste Stationary Compactor Replacement

**DATE:** January 30, 2024

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In response to Pre-proposal Inquiries received, the following information is provided to assist in responding to the above referenced request for proposal:

### **QUESTIONS AND RESPONSES**

- 1. Question:** Ref Section 5.4 B lists final drawings stamped by a Professional Structural Engineer for things like compactor supports including seismic calculations. This will require information from the County on soil condition/bearing and existing structural drawings of the foundations under the compactor pedestals. Can the County provide this information (likely in the 'Structural' drawings for the transfer station)?

**Answer:** Geotechnical reports are not required because information is covered in Sheet S1 of the structural drawings provided under Addendum No. 1.

- 2. Question:** Ref Section 5.4 B lists final drawings stamped by a Professional Structural Engineer for things like compactor supports including seismic calculations. This will require information from the County on soil condition/bearing and existing structural drawings of the foundations under the compactor pedestals. The structural drawings supplied under Addendum 1 didn't provide some of the information being sought which is the slab details around the compactor bay area. On sheet S2, this would be primarily grid lines B-C and 6-10. Typically the structural sheets will have cross sections/details on the compactor weld plate and the slab around it. There is a general slab detail, but in looking at the sheets provided with the addendum it looks like it is sheets 1-13 of a total of 74 structural sheets. Are there additional structural sheets that would have that information?

**Answer:** Attached is a Cover Sheet referencing the full set of drawings consisting of 74 pages of which 13 sheets are structural (S1 through S13). Note: Sheet S8 was omitted from the Addendum No. 1. Thurston County hasn't been able to locate any other structural drawings other than what was provided.

- 3. Question:** Ref page A-9, para h requests SCADA communication over Compact Logix – this is a model of PLC, most Allen Bradley products communicate over Ethernet/IP – is this the requested communication protocol? We can support communication with an Ethernet/IP network this via a gateway device as our PLC is Siemens, with a PROFINET communication protocol. The gateway device 'translates' between the two communication protocols allowing for bidirectional data sharing and is typically how we address SCADA communications between different networks. Also, please note that both the SCADA connection and the secure modem will need separate data connections (one

inside the network, the other with an outside connection).

**Answer:** The new compactor is not intended to be integrated with the WARC SCADA system. The current compactor is not, and the new one will not be either. The new compactor will need to provide a TCP/IP Ethernet compatible connection for connection to our network to receive access to the Internet. The current compactor uses an “mGuard” device to connect to our county TCP/IP ethernet network, at which point we provide Internet visibility to the device. The Solid Waste vendor ‘Republic’ does remote support, diagnosis, and collects telemetry information via the current “mGuard” device. The new compactor should provide similar connectivity, regardless of the device used.

- 4. Question:** Ref page A-10, para 6a requests a trailer latch that will accommodate both 48’ and 53’ trailers. Is the connection point for the trailer latch on the different trailer sizes the same for both in relation to the trailer box interface with the compactor? The standard trailer latch is a fixed location, so we want to know if it will need to accommodate two connection locations.

**Answer:** Delete 53’ trailer. The 53’ trailers are not used for Municipal Solid Waste.