INVITATION TO BID #2018-65
Hoodland Water Resource Recovery Facility (WRRF)
Modernization Project ("BID")
RESPONSE TO CLARIFYING QUESTIONS #2
August 7, 2018

Note that these are questions submitted by interested firms to the above referenced solicitation from 8/2/18 through 8/6/18. The below answers are for clarification purposes only and in no way alter or amend the BID as published.

1. ***Existing GDP CB Feeding Arrah Wanna PS:*** *I have no photo and I can't derive from the as-builts the brand name, model or panel type to marry with a new 200A breaker. The MCC is Sylvania GTE and the existing Gen Set seems to be Sq D Controls. Need the make, model number and Serial number – any ID data in order to determine 200A plug-in Breaker.*
   RESPONSE: Contractor is to field verify existing equipment. For bidding purposes, Contractor to use best judgment.

2. ***XP J-Boxes at Arrah Wanna PS:*** *Pump XP JBs are shown inside wet well. Can't they be on the outside with manufacturer cables sleeved through the wet well wall?*
   RESPONSE: Pump XP J-Boxes are not located inside of wet well. Intent is for the new pump XP J-Boxes to be installed in the pump room, replacing the existing XP J-Boxes, with the pump manufacturer's pump cable sleeved through the floor (using existing sleeves, if possible)

3. ***Fiber Optic:*** *Circuit #14-please describe the conductors-not sure what "C" means. What type of FO Cable is it?*
   RESPONSE: Per the descriptions in the header of the circuit schedule, "C" indicates "Control Conductors". Circuit 14 indicates there are two, Twisted-Shielded Pair (TSP) control cables (composed of 12 AWG wire for the conductor pairs); one FO cable; and one 12 AWG ground wire in the same conduit. Please see Addendum #2, issued August 7, 2018, attachment Section 40 90 00 – Communication Cabling.

4. ***Pigging:*** *Section 33 01 30.19 – 1.1B describes the insertion of the pig into the force main using the bypass connection and a wye fitting, the bypass is 8" and the hot tap is 8" I don't understand where or how the 12" wye is installed for inserting the pig into the force main.*
   RESPONSE: The pig is inserted into a prefabricated pig launching assembly as shown on Drawing M-3. Specification Section 33 01 30.19 has been modified in Addendum #2, issued August 7, 2018 to reflect this.

5. ***Measurement & Payment:*** *There seems to be a contradiction in the specs on whether you are installing the external dewatering system prior to excavation or not. Please clarify. In section 01 22 20 it lists several bid items such as Mobilization, and conduit repair, force account that are not on the bid form. Where do we break these out?*
   RESPONSE: Specification Sections 01 22 20, Unit Price Measurement & Payment and 31 23 19, Dewatering have been modified to address this question. See Addendum #2, issued August 7, 2018.

6. ***Flow Meter Transmitter:*** *Can you tell me exactly where the remote transmitter housing is to be located relative to the meter vault? Section 40 91 23 is calling for the transmitter to be IP68 for submergence, but if it is not located in the meter vault it should not see any submergence.*

RESPONSE: The transmitter housing is located inside the meter vault. Per Addendum #2, issued August 7, 2018, Section 40 91 23 has been modified to include IP67 rating.

7. ***Adhesive Injection:*** *The Spec Section 03 64 24 is titled Epoxy Adhesive Injection, but the product that is spec'd, DeNeef Flex LV is a chemical grout not an epoxy. Please clarify which product will be used.*
RESPONSE: Specification Section 03 64 24 has been modified to remove references to epoxy. See Addendum #2, issued August 7, 2018.

End of Clarifying Questions #2