ARVIN PARSHALL FLUME PROJECT
ADDENDUM 2

Issue Date: September 26, 2018

Below is a compilation of Request for Information (RFI) / Request for Clarifications received from interested bidders and our responses to the RFI/RFCs:

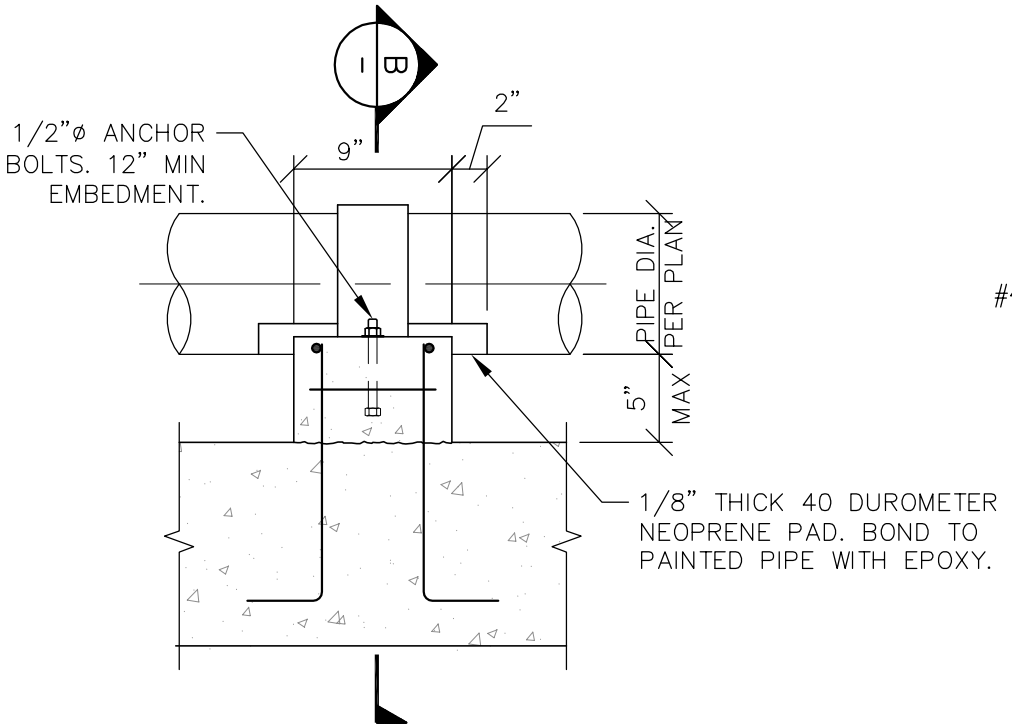
Question #1:
Specification 16133-3.06.E requires raceway allowances to be included in the bid. I think this allowance would be much more than the value of all the other electrical work.
Confirmed. Raceway allowances are not required.

Question #2:
Specification 16950 requires extensive NETA based electrical testing. Is this really applicable for this small job.
Not required for this project

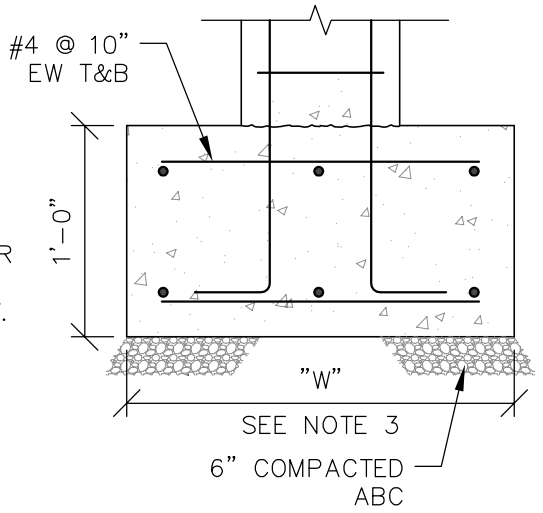
Question #3:
Specification 13410-1.04 describes a significant upgrade to the existing plant control system. Is this really a part of this bid? If so we are missing a lot of information.
No upgrades to plant control systems are required as part of this bid. Veolia will contract with Northern Digital with whom we have a service agreement - separately, outside of this project for SCADA modifications.

Question #4:
As per specification 01110-1.02.A it is our understanding that this project is to install a parshall flume and ultrasonic flow meter which will replace an existing magnetic flow meter. Correct? Please clarify that we will just connect the new flow meter power and signal to the existing conductors for the existing magnetic flow meter.
Confirmed. Scope of this project is to install a Parshall flume and ultrasonic flow meter, which will replace the existing magnetic flow meter. Contractor to connect the new flow meter and signal to existing conductors for the existing magnetic flow meters. Any modification/re-ranging required to tie this 4-20mA output in SCADA will be handled separately by Veolia with Northern Digital

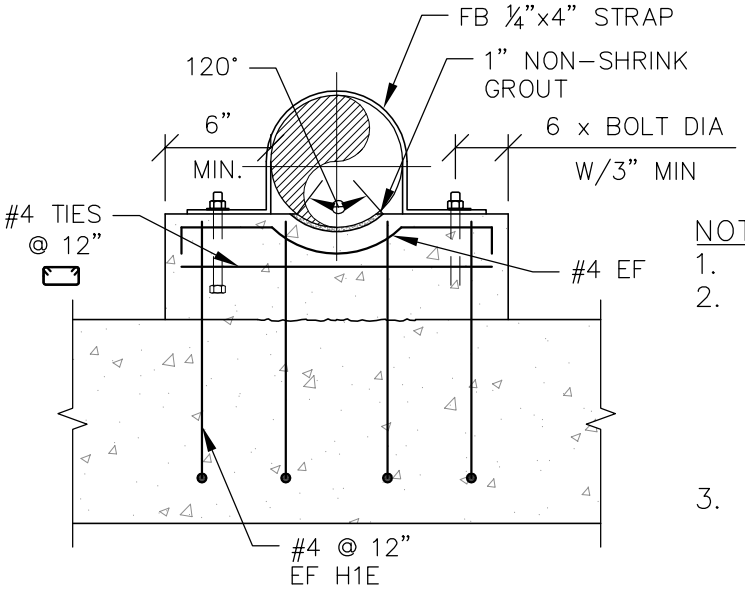
Question #5:
The above grade ductile iron piping downstream of the parshall flume appears to be unsupported for approximately 20 linear feet. Please advise if any pipe supports will be required for this section of piping.
Yes. Please provide two pipe supports for the ductile iron piping downstream of the Parshall Flume, which are equally spaced to support the pipe - between the flume and the point where the pipe enters the ground. Attached is a detail for the pipe support.



SECTION–SUPPORT AT STRUCTURE



SECTION–ISOLATED SUPPORT



SECTION B

NOTES:

1. MAX VERTICAL LOAD = 6000 POUNDS.
2. IF SUPPORT IS SUBMERGED OR LOCATED BELOW THE TOP OF WALL IN WATER BEARING STRUCTURE, MATERIAL FOR ANCHOR BOLTS AND STRAP SHALL BE STAINLESS STEEL. IN ALL OTHER AREAS, STRAP SHALL BE HOT–DIP GALVANIZED STEEL UNLESS OTHERWISE INDICATED ON THESE DRAWINGS.
3. THE WIDTH OF THE FOOTING "W" = 2'–6". THE LENGTH OF THE FOOTING = "PIPE DIA" + 2'–0".

CONCRETE PIPE SUPPORT

SCALE: 1–1/2" = 1'–0"

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