

**New Hanover County
Environmental Management Department
RFB# 17-0382
REPLACEMENT OF PUMP CONTROL PANELS
Addendum #1**

RESPONSES TO BIDDER QUESTIONS

1. According to section 16111 PART 1.0, 1.1.A. galvanized steel conduit is excluded from being used on this However, there are several references to its use in these specifications, see 16111 PART 2. 2.1.B.5, and 2.4L.1.a). and 2.6A. Should these references read Stainless Steel in lieu of Galvanized Steel especially in light of General note #3 on the plansheet E-101?

Answer: The County's intent is to utilize stainless steel due to landfill gas/moisture generating acidic conditions that have proven to be detrimental to the control equipment. Stainless is to be utilized everywhere unless none is available to apply for a specific use. In that case the bid should state the reason for the exception to the stainless requirement and the proposed substitute of material.

2. Similarly, if galvanized steel conduit is prohibited does the same exclusion apply to pull, splice, junction and device boxes? See Equipment 16140 Part 2.0 2.1 .C.4 and 2.1.C.7

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3. Plansheet E-101 references bollards, directing the bidders attention to civil drawing for bollard specifications. Since there are no civil drawings what and where may the bollard specifications be located?

Answer: See the response to question #7 below.

4. 16050-8 mentions the requirement for brass identification tags, referencing "As shown on details." What and where are these details? Additionally, please verify the outdoor materials for outdoor identification tags and how they will be attached so as not to allow air to pass from outside to the inside of the cabinet. Would stamped stainless steel suffice?

Answer: Plastic Placard is preferable with adhesive sufficient for exterior conditions.

5. 16111-3 states that "conduit shall be furnished in 20-ft lengths." This is not industry

Standard for 316 Stainless Steel conduit. Should 10-ft sections be considered acceptable?

Answer: 10 foot lengths are acceptable.

6. What is the fourth conduit (not shown) on print E-101 A2 on Cell 2E control panel? The note shows "Typ. of 4?"

Answer: The drawings show three (3) conduits exiting the control panel. Every conduit exiting any of the control panels for this project requires a properly installed seal as specified. The reference to "TYP of 4" should read "TYP of 3" for the Cell 2E installation.

7. The prints E-101 show bollards in front of the panels, where is the spec for the bollards?

Answer: Standard Detail shown on next page. No blocking of access to the panels from the road side should be allowed. The bollards should be located 3 feet from each end of the rack on which the panels are attached and in alignment with the front of the panels. The intent is to protect the panels from traffic on the perimeter road. Coordinate with County staff in finalizing the location in the field.

8. Since all other major components are stainless steel, should all conduit fittings, including threaded hubs like the T&B 370 series be stainless? If so, what if certain items are not manufactured?

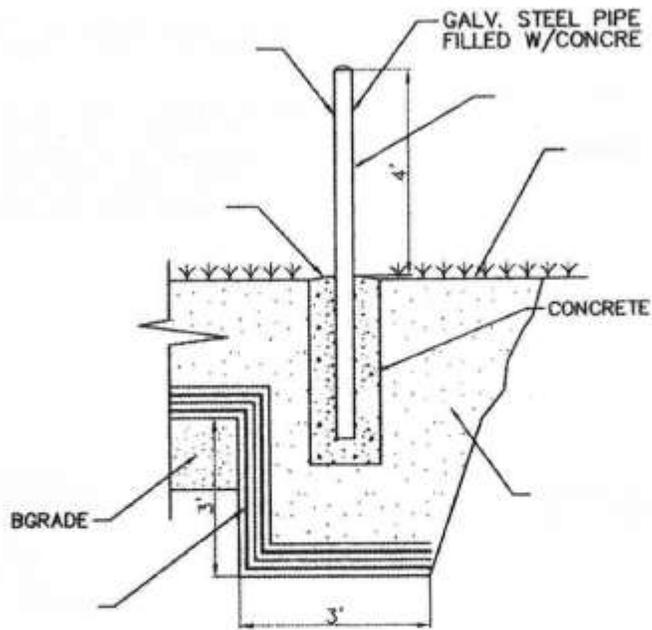
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Additional Note Regarding Conduit:

For clarification, bidders shall place new junction boxes adjacent to the existing leachate riser pipes for each control panel to be re-located. There will be a total of five (5) junction boxes. One for 2E for the primary pump, two for 6D (one each for the primary and secondary pumps), and two for 6E (one each for the primary and secondary pumps). Each junction box will be constructed to house both pump and transducer wiring for easy disconnect when pumps or transducers must be pulled. The boxes shall be constructed out of stainless steel in accordance with the specifications.

New conduit shall be laid from each new junction box to the relocated control panels.

Sealant must be injected into the conduits on the side of the junction boxes leading to the control panels. No sealant should be injected into the conduit between the junction box and the pumps/transducer/meter. This will help prevent gas migration to the control panels while allowing the pulling of pumps/transducers/meters. As per the drawings a seal is required also just below the panels.



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NOT TO SCALE

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