

## ADDENDUM

---

**Client:** Department of Natural Resources  
**Project:** Pokagon State Park Toboggan Run Piping Upgrades  
**Client Project No.:** ENG2003780646  
**Applied Project No.:** 19-110  
**Addendum No.:** 1  
**Date:** 11/19/2020

The following changes and clarifications shall be incorporated into the Contract Documents for the above-referenced project. The information contained herein modifies the original Bidding Documents and all prior Addenda as applicable. Requirements of the original Bidding Documents and previous Addenda remain in effect except as modified by this Addendum. Bidders must acknowledge receipt of this Addendum on the Bid Form. Failure to acknowledge receipt of this Addendum may subject Bidder to disqualification.

### **GENERAL**

1. A pre-bid meeting was held on Thursday, November 12<sup>th</sup> 2020. The sign-in sheet from this meeting is included as an attachment to this Addendum 1.
2. The Notice to Bidders with regards to pre-qualified classifications and construction period is hereby amended as follows:  
"....  
***Bids shall be taken from Prime Contractors pre-qualified by the Public Works Certification Board in the following classification/s: 1542.01 Institutional Buildings (Hospitals, Schools, Prisons); 1711.02 Heating, Ventilating, Air Conditioning Systems; or 1711.04 Refrigeration.***  
  
***The Specified construction period is 240 calendar days or by a completion date of November 10, 2021, whichever shall occur first (Work on-site is limited to a period starting March 3, 2021 and ending November 10, 2021). The State of Indiana reserves the right to reject any and all bids.***  
..."
3. All other portions of the Notice to Bidders remain unchanged by this Addendum 1.

### **Bidding Questions**

1. QUESTION: Note 5 & 6 say 1-1/2" but detail says 1-1/4". Do we know what pipe size is that we are installing?
  - a. RESPONSE: 1-1/4" branches are intended. See revisions to sheets MP301, MP302, and MP303 in this Addendum 1.
  
2. QUESTION: Is there existing strut under shrouds for existing pipe or is all strut that is needed new?
  - a. RESPONSE: All existing pipe supports, anchors, and guides, including any strut, are to be removed and replaced with new pipe supports, anchors, and guides as described in the contract documents.
  
3. QUESTION: Detail MP501/A says we are to replace 1-1/4" check valve in the Odd vaults. Does not say anything on the drawings.
  - a. Are we to replace in every odd vault?
    - i. RESPONSE: Yes, the flow direction changes in all odd numbered vaults. Where the flow direction changes, Detail A on sheet MP501 shows the check valve replaced and installed in the opposite direction. Replacement of the check valve is difficult to show clearly on plan views due to drawing scale. The replacement is shown on the detail for this reason.
  - b. Are we to replace the check valves in the even vaults as well?
    - i. RESPONSE: No, the flow direction remains the same in all even numbered vaults. The existing check valve in the even numbered vaults will remain in place.
  
4. QUESTION: [What is] the thickness of the [HDPE] jacketed casing?
  - a. RESPONSE: See changes to Specification 232113 Hydronic Piping in this Addendum 1 for HDPE casing thickness.
  
5. QUESTION: [Is heat trace required]?
  - a. RESPONSE: Yes. Heat trace will be installed under the stainless-steel track shroud – not directly on the pipe. See sheet "MP502," detail "C – heat Trace Detail."

## **SPECIFICATIONS**

### 232113 HYDRONIC PIPING

1. Delete paragraph 3.1.A.1 in its entirety.
2. Add paragraph 3.1.A.1 with the following text:  
*Cased piping, schedule 40 PVC carrier pipe with 1"thick polyurethane carrier pipe insulation and 150 mil thick HDPE casing.*
3. Add paragraph 3.6.B with the following text:  
*Contractor shall provide and fill all glycol required for system filling. An existing glycol tank is located outside, adjacent to the existing refrigeration building.*

## **DRAWINGS**

### MP301 – MECHANICAL AND PLUMBING UPPER TRACK PLAN AND PROFILE

1. Delete plan note #5 in its entirety.
2. Add plan note #5 with the following text:  
*PROVIDE PVC TEES AND 1-1/4" PVC BRANCHES. CONNECT TO EXISTING GALVANIZED STEEL PIPE BRANCHES IN PIPE PIT. TYPICAL FOR ALL EVEN NUMBERED VALVE VAULTS. SEE "MP502/A – PIPE BRANCH CONNECTION DETAIL FOR EVEN NUMBERED VALVE VAULT TIE-IN."*
3. Delete plan note #6 in its entirety.
4. Add plan note #6 with the following text:  
*PROVIDE PVC TEES AND 1-1/4" PVC BRANCHES. CONNECT TO EXISTING GALVANIZED STEEL PIPE BRANCHES IN PIPE PIT. TYPICAL FOR ALL ODD NUMBERED VALVE VAULTS. SEE "MP502/A – PIPE BRANCH CONNECTION DETAIL FOR ODD NUMBERED VALVE VAULT TIE-IN."*

### MP302 – MECHANICAL AND PLUMBING MIDDLE TRACK PLAN AND PROFILE

1. Delete plan note #5 in its entirety.
2. Add plan note #5 with the following text:  
*PROVIDE PVC TEES AND 1-1/4" PVC BRANCHES. CONNECT TO EXISTING GALVANIZED STEEL PIPE BRANCHES IN PIPE PIT. TYPICAL FOR ALL EVEN NUMBERED VALVE VAULTS. SEE "MP502/A – PIPE BRANCH CONNECTION DETAIL FOR EVEN NUMBERED VALVE VAULT TIE-IN."*
3. Delete plan note #6 in its entirety.
4. Add plan note #6 with the following text:  
*PROVIDE PVC TEES AND 1-1/4" PVC BRANCHES. CONNECT TO EXISTING GALVANIZED STEEL PIPE BRANCHES IN PIPE PIT. TYPICAL FOR ALL ODD NUMBERED VALVE VAULTS. SEE "MP502/A – PIPE BRANCH CONNECTION DETAIL FOR ODD NUMBERED VALVE VAULT TIE-IN."*

MP303 – MECHANICAL AND PLUMBING LOWER TRACK PLAN AND PROFILE

1. Delete plan note #5 in its entirety.
2. Add plan note #5 with the following text:  
*PROVIDE PVC TEES AND 1-1/4" PVC BRANCHES. CONNECT TO EXISTING GALVANIZED STEEL PIPE BRANCHES IN PIPE PIT. TYPICAL FOR ALL EVEN NUMBERED VALVE VAULTS. SEE "MP502/A – PIPE BRANCH CONNECTION DETAIL FOR EVEN NUMBERED VALVE VAULT TIE-IN."*
3. Delete plan note #6 in its entirety.
4. Add plan note #6 with the following text:  
*PROVIDE PVC TEES AND 1-1/4" PVC BRANCHES. CONNECT TO EXISTING GALVANIZED STEEL PIPE BRANCHES IN PIPE PIT. TYPICAL FOR ALL ODD NUMBERED VALVE VAULTS. SEE "MP502/A – PIPE BRANCH CONNECTION DETAIL FOR ODD NUMBERED VALVE VAULT TIE-IN."*

**END**

