



INVITATION TO BID #2017-10
Tri-City Blower System Upgrades Project
ADDENDUM NUMBER 1
May 25, 2017

On May 16, 2017, Clackamas County ("County") published Invitation to Bid #2017-10 for the Tri-City Blower System Upgrades Project ("BID"). The County has found that it is in its interest to amend the BID through the issuance of this Addendum #1. Except as expressly amended below, all other terms and conditions of the original BID shall remain unchanged.

1. In Volume 1 – the following modifications are hereby made:

EXECUTIVE SUMMARY

1. Delete in its entirety and replace with the following:

"The Tri-City Service District and Clackamas County Service District #1 (District) participate in the operation of the Tri-City Water Pollution Control Plant (WPCP) located in the City of Oregon City, Oregon. This work consists of replacing two Owner-provided Membrane Bioreactor (MBR) Process Blowers and three Owner-provided Conventional Activated Sludge (CAS) Process Blowers. This project includes miscellaneous electrical improvements and electrical gear such as variable frequency drives and programmable logic computers required for blower operation, as well as demolition, structural, and mechanical components. Additional work includes the addition of one air flow meter in the Membrane Building and all other work required to properly complete the project in accordance with the Contract Documents."

SECTION 011000 – SUMMARY OF WORK

1. Delete Paragraph 1.2.B.2 in its entirety.
2. Paragraph 1.2.B.3: Change "two" to "one".

SECTION 011400 - CONSTRUCTION CONSTRAINTS

1. Delete Paragraph 1.9A.2.

SECTION 016100 - OWNER-FURNISHED EQUIPMENT

1. Paragraph 1.3.A: Delete the words "and Air Scour Blower" in the first sentence.
2. Paragraph 2.1.B: Delete the following equipment from the table:

Equipment Name	Equipment Number	Note
MBR Air Scour Blower No 4	220-37-012	New – Submittal provided in Volume 3
MBR Air Scour Blower No 5	220-37-022	New – Submittal provided in Volume 3
MBR Air Scour Blower No 6	220-37-032	New – Submittal provided in Volume 3
MBR Air Scour Blower No 7	220-37-042	New – Submittal provided in Volume 3
Area 310 Harmonic Filter	N/A	Existing - Relocated harmonic filter from Area 310 to 370 – Submittal provided in Volume 3

3. Replace the Section 016100 Transfer of Custodial Responsibility Form with the attached form.

SECTION 024119 - DEMOLITION AND RECONSTRUCTION

1. Delete the following equipment from the table included in Paragraph 1.5.B:

Item	Description
MBR air scour blowers	All HSI blowers in the 370 building shall be palletized, shrink wrapped, and returned to the OWNER

SECTION 409100 - PROCESS INSTRUMENTATION AND CONTROL

1. Delete Paragraph 1.1.A and replace with the following:

“A. General

1. This project consists of installing new blowers in the Process Aeration area. Each blower shall have a standalone control and operator interface system programmed and tested by the blower manufacturer. All the new blowers area are controlled by a supervisory control system. The supervisory control system is described in this section.
2. Provide and install one air flow meter as indicated on plan drawings and described in specification.
3. Provide and install supervisory control equipment described in this section.”
2. Delete Paragraph 1.2.B.1.b in its entirety.
3. Delete Paragraph 2.1.A.3 in its entirety.

SECTION 409104 - GAS FLOW MEASURING DEVICES

1. Delete Paragraph 3.2.B in its entirety.
2. Delete Paragraph 3.3.B in its entirety.

SECTION 409300 - CONTROL STRATEGY

1. Delete Paragraph 2.5.B in its entirety.

2. In Volume 2 – Drawings, the following modifications and hereby made:

Delete the following drawings in their entirety: 370MD-1, 370M-1, 370M-2, 370E-1, 370I-1, 370I-2, 370I-3, 370I-4, 370I-5, 900GE-6, 900GE-7, 900GE-8 and MBR Air Scour Blower section on sheet 900 GI-11, Drawing 900GI-11: Delete MBR Air Scour Blower Network Layout.

End of Addendum

SECTION 016100 - TRANSFER OF CUSTODIAL RESPONSIBILITY FORM



TRANSFER OF CUSTODIAL RESPONSIBILITY

Project: Blower System Upgrades
Owner: Tri-City Service District & CCSD #1
Vendor/Equipment Supplier: Atlas Copco
Contractor:

The Contractor is required to thoroughly inspect Owner-furnished equipment listed below and accept full Custodial Responsibility for the equipment from the Owner. The Owner's Representative will observe the process of inspection by the Contractor's representative of the delivered materials.

The result of this inspection and Custodial Responsibility transfer is that the Contractor acknowledges that all equipment listed is on site and in satisfactory condition and that Contractor accepts full responsibility for said equipment from this point forward, until installation is certified complete by manufacturer's rep, testing requirements are met and project is accepted for Final Completion by Owner. Any damage or loss will be immediately repaired/replaced by Contractor at his sole expense.

INSPECTION COMMENTS:

Status: () Accepted () Accepted As Noted () Not Accepted

Custodial Responsibility for the Owner-furnished CAS Process Blowers and Harmonic Filters, has been transferred from the Owner to the Contractor.

From: _____ **Date:** _____
Manufacturer's Representative

To: _____ **Date:** _____
Contractor Representative

By: _____ **Date:** _____
WES, Owners Representative

Transfer of Custodial Responsibility
Blower System Upgrades Project

OWNER-FURNISHED CAS PROCESS BLOWERS, AND
HARMONIC FILTERS