

## ADDENDUM No. 2

### RFP No. 18-31

#### Progressive Design-Build for WTP SCADA Modernization

#### Proposal Due Date: October 18, 2018 at 2:00 P.M. (local time)

The following changes, additions, and/or deletions shall be made to the Request for Proposal for Progressive Design-Build for WTP SCADA Modernization, RFP No. 18-31, on which proposals will be received on/or before the date and time listed above.

The information contained herein shall take precedence over the original documents and all previous addenda (if any), and is appended thereto. **This Addendum includes eight (8) pages.**

**The Proposer is to acknowledge receipt of this Addendum No. 2, including all attachments in its Proposal by so indicating in the proposal that the addendum has been received. Proposals submitted without acknowledgement of receipt of this addendum may be considered non-conforming.**

**The following forms provided within the RFP Document must be included in submitted proposal:**

- **Attachment C - Non-Discrimination Declaration of Compliance**
- **Attachment D - Living Wage Declaration of Compliance**
- **Attachment E - Vendor Conflict of Interest Disclosure Form**

**Proposals that fail to provide these completed forms listed above upon proposal opening will be rejected as non-responsive and will not be considered for award.**

#### I. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the RFP. Respondents are directed to take note in its review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Q1: Should a lot of changes be anticipated for the I/O points?

A1: Minimal changes to the I/O points are anticipated.

Q2: Clarify the software supplier (Kennedy Industries) scope of work.

A2: The Design-Builder shall purchase the software from the software supplier as part of the Phase II portion of the project. The software supplier will be a subcontractor to the Design-Builder. The software supplier's scope of work is provided in City of Ann Arbor RFP #17-02 – WTP Supervisory Control and Data Acquisition (SCADA) Software, which is available on the City's website if additional review is desired. Relevant excerpts of this RFP are as follows:

“Section I – General Information; A. Objective

... It is expected that the selected Software Vendor will become a subcontractor to the successful design build team. The software vendor will play a prominent role in the setup, testing, and commissioning of the SCADA software...

Section II – Scope of Services; Part 3. Requirements

The selected Software Vendor shall:

- A. Provide the software for the SCADA system to provide monitoring and control functions for the Water Treatment Services system outlined in this RFP.
- B. Ensure that the software is installed per manufacturer's requirements and confirm that City-supplied hardware is compatible. The Software Vendor shall provide hardware requirements as part of their bid submittal package.
- C. Be responsible for coordinating with the Owner to verify that the installation constitutes a complete working system (installation only). The successful progressive design build project team will be responsible for all networking, and supplying all the computer hardware.
- D. Be responsible for installation of the software. This responsibility does not include any custom screen development or scripting (to be performed by the design build team/systems integrator), only to ensure the software is up and running on City provided servers.
- E. Recommend spare parts and software solutions as appropriate.
- F. Provide support to the design build programming team in software programming and screen development as required.
- G. Work with progressive design build team in the development of design concepts during the planning, construction and commissioning of the SCADA Modernization Project to maximize the benefit in the final system design."

Q3: Please provide more information on the LIMS and CMMS software providers  
 A3: LIMS Software – Labworks LIMS, Current Version 6.7; CMMS – Mainsaver, Current Version 12.8.

Q4: Section 1.2 Owner's Objectives, Project Goals mentions SCADA integration with the CMMS system. Section 2.1 Project Scope mentions both CMMS and LIMS systems integration with SCADA. Please clarify if only CMMS or both CMMS and LIMS.  
 A4: SCADA integration with both the LIMS and CMMS systems is required.

Q5: Can a floor plan of the existing control room be provided?  
 A5: Yes. Please see Attachment A at the end of this addendum.

Q6: I see the RFP (page 21) limits the Approach to 6 pages. Would the city consider expanding that page count? It is going to be a challenge for us to fully describe our approach in 6 pages.  
 A6: Proposals will not be disqualified if individual section page limit recommendations listed in the RFP are exceeded. Further, if additional pages are deemed necessary by the proposer the overall page limit may be expanded by an additional 5 pages (10 sides), keeping in mind that the intent is to field proposals that are concise yet inclusive, and include information and resources (i.e. resumes, project details, etc.) tailored to this RFP and to exclude information that is not relevant to this project.

Q7: Are accurate as-built drawings available for the existing control panels and I/O racks that reflect the current configuration and conditions? If so, what is available and in what format?  
 A7: Hard copy and pdf versions of control panel drawings exist for the major PLC's with the majority of field markups captured on them. Some of the sub-system PLC's do not have drawing packages, or the drawings packages may not contain markups showing all field

changes. All drawings and I/O will need to be field verified to ensure accuracy. Drawings will be made available to the successful bidder.

Q8: Are accurate as-built drawings available for the existing SCADA network that reflect the current architecture, including remote communications? If so, what is available and in what format?

A8: Hard copy and pdf's of network drawings exist with some of the field markups captured on them. All drawings and I/O will need to be field verified to ensure accuracy. Drawings will be made available to the successful bidder.

Q9: Are accurate P&ID's available? If so, in what format?

A9: P&ID drawings from the original PLC-5 installation exist, but field verification of these drawings will be required. Drawings will be made available to the successful bidder.

Q10: One of the Guiding Principles is "Competitive Bidding." Does this preclude a designer (i.e., consulting engineer) and builder (i.e., systems integrator) from teaming to pursue Phase I? Does the City have expectations on what work they expect to see competitively bid?

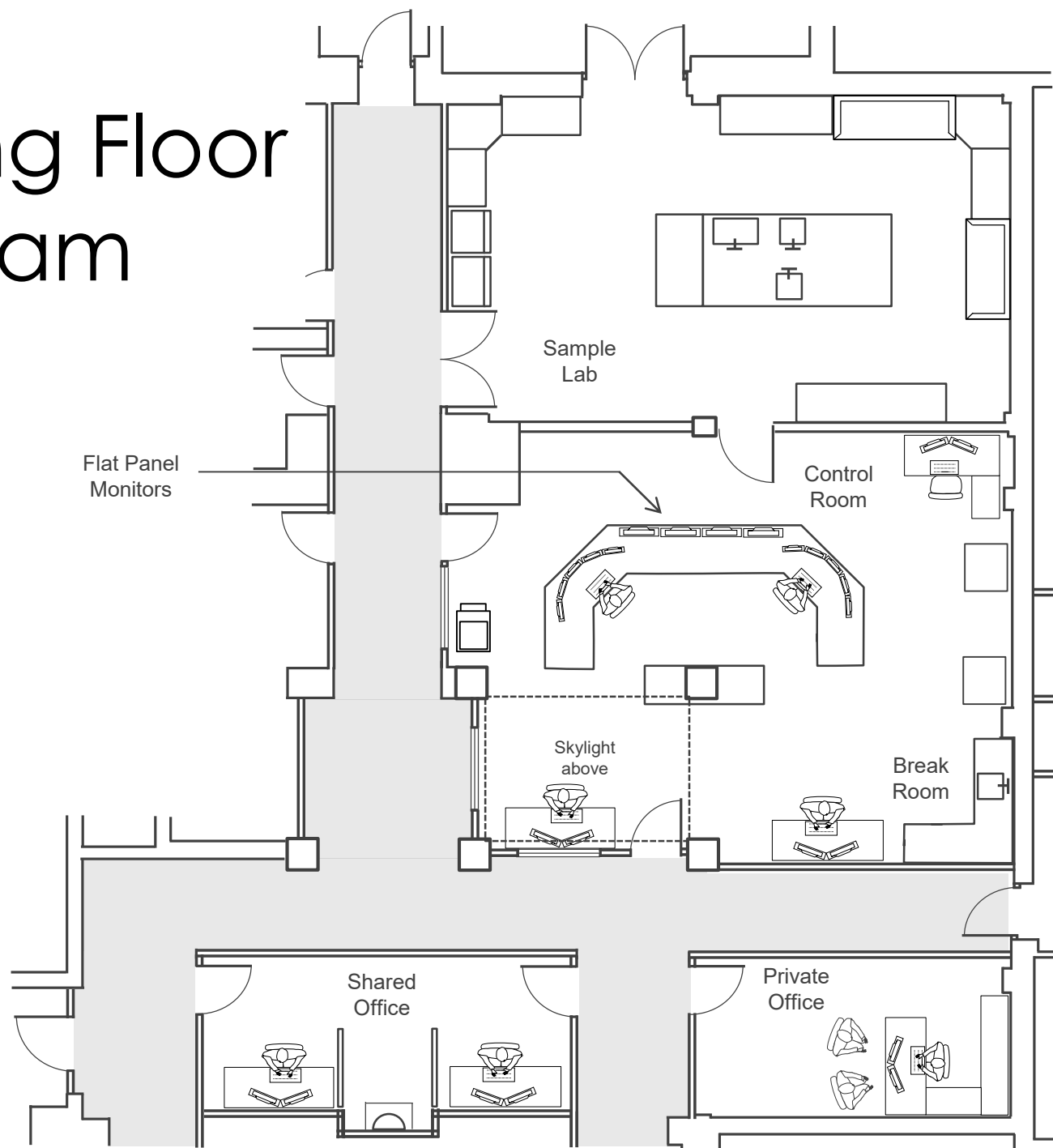
A10: This RFP seeks to award the project to a Progressive Design-Build Team which shall be comprised of a Designer (i.e. Consulting Engineer) and a Builder (i.e. Systems Integrator). The Design-Build team shall competitively bid work for the subcontractors, building trades, and equipment suppliers that is not self-performed after the development of the GMP and before construction starts. It is anticipated that the Systems Integrator will perform the work of his discipline in Phase II.

Q11: Is it expected that subcontractor(s) be under contract at the time the GMP is submitted (in July 2019), or under contract prior to construction starting (in October 2019)? In other words, when is competitive bidding expected to occur (i.e., prior to 60% completion or at 100% completion)?

A11: Competitive bidding of subcontractors, building trades, and equipment suppliers shall be after the GMP and before construction starts.

Offerors are responsible for any conclusions that they may draw from the information contained in the Addendum.

# Existing Floor Diagram



## Existing Layout

City of Ann Arbor  
Water Treatment  
Plant

5 April, 2018

0 1 2 5 10





City of Ann Arbor Water Treatment Plant  
 Progressive Design-Build for SCADA Modernization  
 Pre-Proposal Meeting – September 19, 2018

Attendance List:

Name	Company	Email
✓ Ryan Justin	City of Ann Arbor WTP	RJustin@a2gov.org
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✓ Glen Wiczorek	City of Ann Arbor WTP	GWiczorek@a2gov.org
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City of Ann Arbor Water Treatment Plant  
 Progressive Design-Build for SCADA Modernization  
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Attendance List:

Name	Company	Email
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Progressive Design-Build for SCADA Modernization  
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Attendance List:

Name	Company	Email
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**City of Ann Arbor Water Treatment Plant  
Progressive Design-Build for SCADA Modernization  
Pre-Proposal Meeting – September 19, 2018**

Attendance List:

Name	Company	Email