# 136th Mission Support Contracting
# Request for Information Worksheet

## Requirement Information

| Requirement Description | Solicitation/Contract Number | Contracting Officer |
|---|---|---|
| HVAC CONTROLS PROJECT | W50S7626QA005 | CAPTAIN CRABTREE |

## Questions and Answers

| Number | Question |
|---|---|
| 1 | Please provide the existing Niagara platform information, including (1) Niagara version, (2) Existing license version, (3) Available points capacity: |
| Answer | *All available existing control drawings, wiring schematics, and system points lists will be provided to the awardee at the start of the project (during the post-award kick-off meeting). These historical documents will be provided to assist with the engineering and installation phase, though the Contractor remains responsible for field-verifying all existing site conditions prior to starting work.* |
| 2 | Graphics. Is the contractor expected to (1) Create new graphics only for Buildings 1670 and 1671?, (2) Modify existing campus graphics?, (3) Provide supervisor-level graphics?, (4) Provide all floor plans in Niagara format?<br><br>Please provide existing graphic standards if available. |
| Answer | *The Contractor is required to create new graphics only for Buildings 1670 and 1671. These new graphics must be developed to match the formatting, color-coding, and layout standards of the existing campus graphics. Modification of overall campus graphics, supervisor-level graphics, and the provision of floor plans in Niagara format are not required under this scope of work.* |
| 3 | Will existing BACnet MS/TP trunks or IP infrastructure be available for reuse, or shall the contractor provide all new communications infrastructure? If the current MSTP wire is to be replaced and is not in conduit, will conduit need to be run? |
| Answer | *Existing BACnet MS/TP trunks and IP network infrastructure are available for reuse to integrate the new Air Handling Unit (AHU).*<br><br>*If the Contractor replaces any existing MS/TP or communication wiring, conduit will be required where dictated by local/national electrical codes, physical protection requirements, or specific facility engineering standards (e.g., exposed areas, plenum spaces, or utility runs). The Contractor is responsible for field-verifying the condition of the existing trunks and ensuring all newly installed cabling meets code and conduit requirements.* |
| 4 | Please provide any available control drawings or point lists. |
| Answer | *All available existing control drawings, wiring schematics, and system points lists will be provided to the Contractor at the start of the project (during the post-award kick-off meeting).* |
| 5 | Building 1671, the DX Trane Odyssey Split System (the outdoor unit) connected to an indoor air handler. (1) Are all systems required to be fully controllable through Niagara via ripping and replacing these controllers? (2) Is monitoring-only acceptable for any units via a gateway? |
| Answer | *Yes, all systems must be fully controllable through the Niagara platform. The Contractor is required to replace the existing legacy controllers to establish full, two-way read/write control. Monitoring-only capability via a communication gateway is not acceptable for any of the units.* |
| 6 | For CLIN 0003, ""The Contractor shall repair or replace the listed HVAC components and restore full operational functionality."<br>Please confirm whether the contractor shall price only the HVAC components specifically listed in Section 4.3.3 or whether additional HVAC equipment may be identified for repair/replacement after award. Doesn't clearly state if the Government expects full mechanical equipment replacement, or Only controls replacement/integration, or Replacement of failed accessories (actuators, drives, motors, etc.).<br><br>Example;<br>• For Building 1672 VAV replacements, please clarify whether:<br>• Entire VAV assemblies are to be replaced<br>• Or only controllers and actuators<br><br>• For the two Trane HVUs in Building 1671, is the contractor expected to replace:<br>• Complete HVAC units<br>• Controls only<br>• Or controls and associated accessories? |
| Answer | *Under CLIN 0003, the Contractor shall price only the specific HVAC components listed in the SOW; no additional equipment will be added for repair or replacement after award.* |
| 7 | For the Building 4175 VFD replacement, does the government want an Alan Bradley VFD to match AHU 2 or lowest price technically acceptable preferred? |
| Answer | *The Government does not require a specific manufacturer (such as Allen-Bradley) for the Building 4175 VFD replacement. Evaluation will occur as stated in the soliciation's Section M.* |
| 8 | For control valves, actuators, sensors, and other field devices that are found to be inoperative during panel upgrades or during point to point or functional testing, will these devices be handled as a change order, or are contractors expected to carry contingency for this? |

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| Answer | *Contractors are not required to include contingency pricing in their proposals for the repair or replacement of existing legacy field devices (e.g., control valves, actuators, sensors) that are outside the explicit scope of work.*<br><br>*If any existing, non-scoped control valves, actuators, sensors, or other field devices are found to be inoperative during panel upgrades, point-to-point verification, or functional testing, the Contractor shall immediately report the discrepancy (in writing) to the Contracting Officer.*<br><br>*These items will be evaluated on a case-by-case basis. If the CO deems the replacement or repair of the inoperative device necessary for system operation, it will be addressed through standard contract modification procedures in accordance with applicable FAR clauses.* |
| 9 | Should the upgrade of the Jace 9000 be included in this quote? (The existing Jace's will be obsolete next year. Do we need to quote those as well?) |
| Answer | *Yes. The upgrade to the JACE 9000 must be included in the Contractor's proposal.* |
| 10 | Can we get a list of the databases of any and all controls that are existing? |
| Answer | *All available existing control drawings, wiring schematics, and system points lists will be provided to the awardee at the start of the project (during the post-award kick-off meeting). These historical documents will be provided to assist with the engineering and installation phase, though the Contractor remains responsible for field-verifying all existing site conditions prior to starting work.* |
| 11 | Will the Chillers be replaced? If not, a BACnet card will be required. |
| Answer | *The existing chillers will not be replaced under this contract. Because the chillers are already fully integrated into the existing JACE controller, no additional BACnet communication cards or interface modules are required from the Contractor for this integration.* |
| 12 | Are all the pumps' starters being replaced with VFD's? |
| Answer | *No. The existing pump motor starters will not be replaced with VFDs. All pump starters are to remain as currently configured.* |
| 13 | If all new equipment is to be on the new system, BACnet cards will be required and communications will be wired separately? |
| Answer | *The Government has confirmed that all existing BACnet MS/TP cabling is already in place and shall be reused by the Contractor. Because all newly installed equipment possesses native BACnet capabilities and existing MS/TP cabling will be utilized, the Contractor does not need to provide new communication cabling or external BACnet interface cards.* |
| 14 | The SOW specifies Distech controllers integrating with the installation's existing Niagara/JACE infrastructure. Is authorized Distech dealer or certified-installer status required of the offeror or its subcontractors, or is demonstrated Niagara Framework/BACnet integration experience acceptable? |
| Answer | *Authorized Distech dealer or certified-installer status is not a mandatory requirement for the Offeror or its subcontractors to bid on this project. Demonstrated and verifiable experience with the Niagara Framework and BACnet protocol integration is acceptable.*<br><br>*However, the Contractor is solely responsible for providing all software, engineering plug-ins, configuration tools (e.g., Distech EC-Configure or EC-Net), and programming licenses required to configure, commission, and fully integrate the Distech controllers into the facility's existing Niagara JACE/Supervisor infrastructure as required by the SOW.* |
| 15 | FAR 52.228-15 requires performance and payment bonds unless the contract price is $150,000 or less. Please confirm that if the awarded price does not exceed $150,000, no performance/payment bonds will be required. |
| Answer | *If the contract price lands between $35,000 and $150,000, a payment bond would be required.* |
| 16 | The SOW specifies Distech controllers integrating with the installation's existing Niagara/JACE infrastructure. Is authorized Distech dealer or certified-installer status required of the offeror or its subcontractors, or is demonstrated Niagara Framework/BACnet integration experience acceptable? |
| Answer | *Authorized Distech dealer or certified-installer status is not a mandatory requirement for the Offeror or its subcontractors to bid on this project. Demonstrated and verifiable experience with the Niagara Framework and BACnet protocol integration is acceptable.*<br><br>*However, the Contractor is solely responsible for providing all software, engineering plug-ins, configuration tools (e.g., Distech EC-Configure or EC-Net), and programming licenses required to configure, commission, and fully integrate the Distech controllers into the facility's existing Niagara JACE/Supervisor infrastructure as required by the SOW.* |

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## Notes

| General Notes and Information |
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