

PROJECT: St. Charles County
Task 1 Public Safety Communications and Disaster Recovery Data Center

PROJECT NO: 1732-01

DATE: 21 February 2013

THIS ADDENDUM CONSISTS OF (2) 8 - 1/2" X 11" PAGES

The following additions, revisions and modifications are hereby made part of the contract documents, which shall be amended accordingly. Failure of your acknowledgement of receipt of this addendum may result in rejection of your offer.

PRE-BID MEETING MINUTES

- 1) Contractor shall be responsible for permitting fees. Bidders shall apply 0.0073% to their proposal to determine permit costs. Permits will be expedited and have been submitted for review
- 2) Most work to occur during normal business hours with a few scheduled shut-down periods (night and weekends). Contractor shall notify the owner in advance of any required shut-downs to coordinate schedule.
- 3) Project to be substantially complete by June 1, 2013.
- 4) St. Charles County (SCC) will provide a temporary generator as illustrated in the contract documents.
- 5) Wright Construction is the only firm who pre-purchased the bid documents at time of meeting. Drawings and specifications are available in Mike Buford's office for \$100 each; non-refundable.
- 6) R&B notes the bidders shall adhere to the seismic and Motorola R56 grounding standards. Also recommend bidders understand how to install and terminate MI cabling due to NEC critical operations power system criteria.
- 7) SCC notes the project is approximately 65% electrical scope.
- 8) SCC notes this is a "temporary" facility. The final build-out is planned at the Sherriff's site in O'Fallon. No timetable for the masterplan of that site has been set but will likely be in 3 or more years.
- 9) Motorola has approved the plans and will furnish and install their racks and active components. This contractor shall coordinate the final connection.
- 10) SCC has pre-purchased a number of components; generator, UPS, ATS, Fuel Tank, CRAC units. These selections are anticipated to be delivered to project site by May 1, 2013 for this contract to

incorporate into the work. The pre-purchase specifications for this equipment are available to the contractor.

- a) SCC will accept delivery of the equipment in good working condition. The owner immediately transfer responsibility for the equipment to the contractor for unloading, installation, and final testing to assure the completed project meets the contract requirements.
- 11) Bid date is March 1, 2013. R&B will be submitting the final addendum no later than Tuesday, February 26, 2013.
 - 12) SCC notes general contractor and subcontractor qualifications are as important as price for this project. Bidders note it may be in the County's interest to solicit bids and allow a 24-hour period after the bid submittal to allow the contractors to vet their subcontractor qualifications.
 - a) SCC recommends that the Prime Contractor complete the bid form and list the appropriate references for them and their primary subcontractors as requested. SCC holds the right to verify the references to determine the contractors meet the qualifications requirements.
 - 13) SCC noted the anticipated budget for this project is between \$600,000 and \$650,000; excluding the cost of the pre-purchase equipment.

DRAWINGS

- 1) **E-001:** Delete Phasing Note 1.
- 2) **E-001:** Replace Phasing Note 3 with the following: "Contractor shall furnish a 150kW portable generator and locate it at the dock area next to the existing generator room. All fuel requirements will be provided by the Contractor. Contractor shall provide all necessary temporary wiring in conduit from the generator to the necessary equipment including the Automatic Transfer Switch ATS-1 and power sources for the generator auxiliary circuits including battery charger, jacket water heater and generator start/stop circuit. Utilize Panel 2EDP-1 for auxiliary circuits and any necessary step down transformers for proper voltage. Wire generator for full KVA capacity of the unit. Contractor shall demonstrate proper automatic operation of temporary generator to owner upon completion of all wiring. Temporary generator shall be installed and tested prior to removal of existing generator. Downtime of emergency system shall be kept to an absolute minimum and shall be allowed on nights or weekends with prior approval from the owner, scheduled two weeks in advance. Contractor shall maintain generator in ready condition until new generator is installed and testing is completed. Remove all associated conduit and wiring upon deactivation of the temporary generator. Patch and/or repair all items damaged from temporary installation."
- 3) **E-001:** Add general note 17 as follows:
2 hour fire rated MI cable installation shall conform to the following. Take precautions necessary to prevent damage to cable from contact with sharp objects, such as when pulled over foreign material on

sheaves. The wiring cable shall be installed according to the manufacturer's recommendations, the instructions in the installation specification or manual and the requirements of the UL Fire Resistance Directory Listing. Provide quick term kit from manufacturer for all terminations. All splices shall be performed by the manufacturer at the factory. Arrange and pay for manufacturer's representative to visit site to train contractor in proper MI cable installation practices and terminations. Install all required hangers, supports, pulling equipment, sheaves, pulling rope and accessories required for MI cable installation per manufacturer's recommendations. Manufacturer's representative shall review the installation of hangers, supports, pulling equipment, sheaves and accessories prior to installing cable. Add additional hangers, supports, sheaves and accessories per manufacturer's representative recommendations. Provide certification from cable manufacturer that installation is in accordance with their requirements. Bending radius shall not exceed manufacturer's recommendations. Use 3 conductor cable for cable 3AWG and smaller. 2 AWG and larger shall be single conductor. Furnish and utilize only tools provided by the manufacturer for stripping cable and terminating MI cable.

CONTRACTOR QUESTIONS

- 1) Are liquidated damages required as part of this project?
 - a) SCC may impose liquidated damages up to \$3,000 per calendar day each day the project is not complete after June 1, 2013.

ATTACHMENTS

- 1) Mandatory Pre-Bid Sign-In Sheet 19 february 2013.

Sign In Sheet

Pre Bid 13-063 Public Safety Communications Data Center

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