

PROPOSAL REQUEST



Date: May 12, 2022
Project: St Croix County ME Facility CT Scanner Room
Project Number: 21-0504.00

KFI Prop. Req. Number: 1

Requested By: Robert Linder

THIS PROPOSAL REQUEST IS A CONTRACT DOCUMENT AND MAY APPLY TO ANY OR ALL CONTRACTS AND SUBCONTRACTS UNLESS OTHERWISE SPECIFIED HEREIN OR SHOWN ON THE ATTACHED DRAWINGS (IF ANY). ALL WORK REQUIRED BY THIS PROPOSAL REQUEST SHALL BE IN COMPLETE ACCORD WITH THE CONTRACT DOCUMENTS AND SUBSEQUENT PROPOSAL REQUESTS THERETO. THE ITEMS LISTED IN THIS PROPOSAL REQUEST ARE NOT IN ANY ORDER IN REGARD TO THE DRAWINGS OR THE SPECIFICATIONS. ALL CONTRACTORS ARE CAUTIONED TO EXAMINE EACH AND EVERY ITEM OF THIS PROPOSAL REQUEST.

PLEASE SUBMIT A PROPOSAL TO MAKE THE FOLLOWING CHANGES TO THE CONTRACT DOCUMENTS. SEPARATE ANY COST ADDITIONS OR CREDITS BY ITEM NUMBER. NOTE: FSK NUMBERS ARE ARBITRARY UNIQUE TAGS AND MAY NOT BE ALL USED OR IN ORDER.

PROPOSALS shall be addressed St. Croix County and delivered to by 2 PM on June 2, 2022 to St. Croix County Government Center (1101 Carmichael Road, Hudson, WI 54016).

- Mechanical Contractor shall provide a lump sum bid amount for mechanical work.
- Electrical Contractor shall provide a lump sum bid amount for electrical work.

All inquiries shall be directed to:

Robert Linder, KFI Engineers
Office: 651.254.9029
Cell: 612.282.4947
Email: rjlinder@kfi-eng.com

Project Background

The County is renovating the Medical Examiner's (ME) Facility located at 1525 N. 4th Street, New Richmond, WI 54017. The renovation will add a CT Scanner Room and an associated Control Room. The County is soliciting proposals for constructing the Mechanical and Electrical work associated with the rooms.

PROPOSAL REQUEST



DATE: _____ (BIDDER TO ENTER DATE)

PROJECT: St Croix County ME Facility CT Scanner Room

SCOPE OF WORK: Mechanical

BID TO: St Croix County

BID FROM:

(Name of firm or company submitting bid)

(Address of firm or company submitting bid)

(City, State, Zip Code)

(Contact Person, Phone Number, Email)

The undersigned, having carefully examined the site of the Work, the Bidding Documents, and other conditions affecting the Work, propose to furnish all work described by the Bidding Documents for the Project, in compliance with said documents.

BASE BID (Includes mechanical system costs):

A Fixed Fee of:

_____ Dollars/\$ _____

ADDENDA

The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.

Addendum No. Received _____

Each bidder must include in his bid a Cashier's Check, Bid Bond, or Certified Check equal to 5% of the amount of the Bid payable to St. Croix County to ensure that contractor will proceed with the contract if his bid is chosen. Bids may not be withdrawn within sixty (60) days after the scheduled time of opening bids, without the consent of St. Croix County.

PROPOSAL REQUEST



DATE: _____ (BIDDER TO ENTER DATE)

PROJECT: St Croix County ME Facility CT Scanner Room

SCOPE OF WORK: Electrical

BID TO: St Croix County

BID FROM:

(Name of firm or company submitting bid)

(Address of firm or company submitting bid)

(City, State, Zip Code)

(Contact Person, Phone Number, Email)

The undersigned, having carefully examined the site of the Work, the Bidding Documents, and other conditions affecting the Work, propose to furnish all work described by the Bidding Documents for the Project, in compliance with said documents.

BASE BID (Includes electrical system costs):

A Fixed Fee of:

_____ Dollars/\$ _____

ADDENDA

The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.

Addendum No. Received _____

Each bidder must include in his bid a Cashier's Check, Bid Bond, or Certified Check equal to 5% of the amount of the Bid payable to St. Croix County to ensure that contractor will proceed with the contract if his bid is chosen. Bids may not be withdrawn within sixty (60) days after the scheduled time of opening bids, without the consent of St. Croix County.

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EXPLANATION OF REQUEST:

1. Provide new HVAC system for cooling, heating, and humidification for the new CT Room and new Control Room.
2. Provide new electrical system for new CT Room and new Control Room.

PLAN SHEETS:

1. M1.0 Mechanical Floor Plan
2. M2.0 Mechanical Schedules
3. St. Croix County Invitation for Bids
4. a0.0, a2.1 and a2.1fe (reference only)

EQUIPMENT SHEETS

1. Data Air Submittal
2. Cook Exhaust Fan Submittal
3. Pressurization Fan Submittal
4. GE Medical LightSpeed 5.X Pre-Installation Manual

GENERAL REQUIREMENTS:

1. Contractor to install materials and equipment per the attached drawings. Layouts are intended for general guidance, and final locations to be determined based on as-found conditions, owner coordination, and manufacturer recommendations.
2. Contractor responsible for cutting, patching and sealing of all wall and ceiling penetrations related to their work.
3. Contractor to protect surrounding surfaces during construction in areas of work.
4. Contractor responsible for all state/local permits.

MECHANICAL REQUIREMENTS:

1. Refer to M1.0 for location of new Data Aire unit, associated Condensing Unit, Pressurization Fan, Exhaust Fan, ductwork, piping and diffusers.
2. Contractor will install all equipment to meet manufacturer recommendations.
3. Provide 1-1/2" flexible glass fiber insulation on outdoor air, return and supply ductwork. Provide insulation on exhaust ductwork from exterior wall, minimum 10' back.
 - a. Ductwork within 10' of finished floor to have jacketing for protection.
4. Refrigerant piping line set from manufacturer.
5. Contractor responsible for coordinating start up with supplier and other contractors.
6. Owner will provide final system balancing.

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ELECTRICAL REQUIREMENTS:

1. Install electrical work in accordance with the requirements of the latest adopted edition of the national electrical code, state, county, municipal and federal laws and ordinances governing the project. Work shall be performed under the supervision of a licensed master electrician, licensed in Wisconsin.
2. All installations shall include power and control wiring in conduit.
3. Refer to M1.0 for location of new HVAC equipment. All noted HVAC equipment requires electrical contractor to provide wiring and power. Equipment listed below and as shown in Mechanical Schedule.
 - a. Data Air unit and associated condensing unit.
 - b. Pressurization fan.
 - c. Exhaust fan.
4. Refer to a2.1fe for location of:
 - a. Location of X-Ray machine requiring power installation from Power Module. X-Ray Machine furnished by owner.
 - b. Power module requiring installation and power wiring. Module furnished by owner.
 - c. Lights in CT Room and Control Room requiring installation, power and control wiring. Switches for each door to be coordinated with owner. Equipment to be furnished by electrical contractor. Equipment to be furnished are:
 - i. Control Room 2x4 - LITHONIA - EPANL-2X4-80CRI-MIN1-ZT-MVOLT
 - ii. CT Room Linear - NULITE - QS-RG4-10-L40-U-D-1-1-STF-WH-8
 - d. Two (2) door switches and x-ray in use lights requiring installation, power and control wiring (one for each door). Equipment to be furnished by electrical contractor.
5. Provide, install and power:
 - a. Six 120-volt duplex outlets. Coordinate locations with owner.
 - b. Two 120-volt double duplex outlets. Coordinate locations with owner.
 - c. Four data/phone jacks in CT control room. Coordinate locations with owner.
6. All outlets, jacks and other electrical components installed in the CT Room shall be installed to not compromise the lead wall lining. Refer to architectural detail. This includes, but is not limited to, the use of lead lined accessories (shields, boxes, anchors, etc.).
7. Rework two existing fire alarm devices, one each in CT Room and Control Room.
8. Provide a complete feeder and branch circuit wiring system.
9. Provide raceways between the CT module and the control room for the CT Wire. Raceways shall be continuous for entire length.
10. A maximum of three circuits shall be installed in a conduit.
11. Provide dedicated neutral for each single-phase circuit.
12. Install wiring concealed in raceways and conceal raceways in walls, floors, and ceilings. No surface raceways shall be installed on new finished walls unless required due to lead shielding.
13. Paint conduit and boxes where conduit or boxes are visible in finished spaces. Coordinate with other trades.
14. Provide new, first quality material for all products provided under this contract.
15. Do not install outlets back to back. Provide minimum of 24 inch horizontal spacing in fire rated and lead lined walls. Mount low voltage and power outlets in different stud wall cavities.
16. Coordinate location of electrical devices such as receptacles, switches, wiring devices, etc. prior to start of work. Request clarifications from architect prior to installation.

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17. Coordinate location of junction boxes for equipment that is furnished by others. Coordinate with the owner or equipment supplier prior to installation. Provide wiring from junction box to equipment connection as required.
18. Where circuiting is not shown, connect convenience receptacles such that no more than 6 receptacles (yokes) are on a circuit. Connect to the nearest 120/208v panel serving the area shown.
19. Refer to architectural reflected ceiling plan drawings for location of luminaires and ceiling mounted electrical devices.
20. Provide required wiring for switching and control of lighting. Switching is required for all doors associated with the CT Room and CT Control Booth.
21. Connect to nearest lighting circuit of the same voltage serving the area shown. Connect such that no more than 1600va per 20a, 120v circuit or 3800va per 20a, 277v circuit is connected.
22. IT Room is in office 105, which is in the north side of the finished office area. Roughly 60 feet from the new ME CT Room.
23. A GFI is needed on the roof within 25 feet of the CU in a weather proof enclosure. Location to be coordinated with the mechanical contractor.

Project Schedule

Pre-proposal Walkthrough	May 23, 2022 (8:00 AM)
Questions Due:	May 27, 2022 (4:00 PM)
Propose Due:	June 2, 2022 (2:00 PM)
Vendor Selection:	June 6, 2022
Construction Start:	TBD (agreed upon by successful contractor and County)
Substantial Completion:	TBD (agreed upon by successful contractor and County)
Project Closeout	TBD (agreed upon by successful contractor and County)

Pre-Bid Site Review

A pre-bid walkthrough will be conducted on **May 23, 2022, 8:00am CST** to view the site and pre-construction conditions. Attendance is NOT mandatory. Please notify Robert Linder (rjlinder@kfi-eng.com) at KFI Engineers your plans for attendance.

END OF PROPOSAL REQUEST