

Upgrade Normal and Emergency Power Distribution Systems
Solicitation VA69D-12-B-0401
Amendment #1
5/24/2012

Agenda

537-11-139: Upgrade Emergency Power Distribution System for Bldg. 1

537-11-145: Upgrade Normal Power Distribution System for Bldg. 1

At Jesse Brown VA Medical Center

Phil Bruno and Brice Johnson

- 1. Pre-Bid Meeting: 537-11-139-Upgrade Emergency Power Distribution System for Bldg.1**
 - a. 537-11-145: Upgrade Normal Power Distribution System for Bldg. 1**
- 2. Intent of This Meeting:**
 - a. Introduce members of the project team
 - b. Key Dates
 - c. General Description – Scope of Work
 - d. Discuss conditions for working at Jesse Brown VA
 - e. Photographic Tour
 - f. Walk-Through of the project site
- 3. Introductions – Relationships:**
 - a. CO- Jeff Gerbensky
 - b. COTR- Phil Bruno, Backup/Assistant- Brice Johnson
 - c. A/E- exp Chicago (Teng)
 - d. Commissioning Agent- Sebesta Blomberg
- 4. Key Dates**
 - a. Issued for Solicitation:
 - 5/9/12 (posted on Fedbizops)
 - b. Pre-Bid Meeting:
 - 5/15/12
 - c. All questions submitted in writing, *including today* to the COTR not later than:
 - 5/18/12
 - d. Last Bid Addendum from A/E:
 - 5/24/12 (posted on Fedbizops)
 - e. Bids Opening:
 - 6/8/12 2pm
 - f. Tentative award date:
 - 6/30/2012
 - g. Tentative Notice to Proceed
 - 7/16/2012
 - h. Tentative Completion Date

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- 5/24/2013

5. Award Requirements

- a. SERVICE DISABLED 100%
- b. REGISTERED SDVOSB (SERVICE DISABLED VETERAN OWNED SMALL BUSINESS)
- c. REGISTERED – CENTER OF VETERAN ENTERPRISES
- d. LOWEST COMBINED QUALIFIED BID IS AWARDED
 - i. Bidding Schedule Attached

6. General Project Description

- a. **Project 537-11-139:**
 - i. Construct and install new electrical closets on floors 1-10 of Building 1.
 - ii. Install all conduits, wiring, panels and other accessories for distribution of normal power for Building 1.
 - iii. Construction will interface with other VA projects:
 - Proposed project 537-11-144: Upgrade Normal Power Substation, Building 1C
 - Proposed project 537-11-145: Upgrade Emergency Power Distribution, Building 1
- b. **Project 537-11-145:**
 - i. Install all wiring, panels and other accessories for distribution of emergency power for Building 1.
 - ii. Construction will interface with other VA projects:
 - Proposed project 537-11-144: Upgrade Normal Power Substation, Building 1C
 - Proposed project 537-11-139: Upgrade Emergency Power Distribution, Building 1

7. Technical Project Description

- a. **Project 537-11-139:**
 - i. Installation of electrical risers, panels, transfer switches and generator controls and interlocks for the emergency power system.
 - ii. Provide underground duct bank crossing the loading dock.
 - iii. Provide all raceways for project 537-11-145, T.O. #6, Upgrade Normal Power Distribution System for Bldg. 1.
 - iv. Redirect any emergency circuits installed in building 1C under project 537-11-144, T.O. #3, Upgrade Normal Power Substation, Bldg. 1 to panels installed as part of this work.

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- v. Provide structural elements for conduit risers.
- vi. Provide fire rated electrical riser closets complete with doors, hardware, sprinklers, fire alarm, panels, paint and patch, etc. relocate any existing MEP obstruction above the ceiling in conflict with the proposed electrical closets.
- vii. Relocation and replacement of the elevator controller. All elevators must be continuously in service except for planned approved shutdowns.
- viii. Provide structural elements for conduit systems.
- ix. Provide fire proofing.
- x. Provide commissioning tests and checks.
- xi. Make connections to substation equipment provided under 537-11-144

b. Project 537-11-145:

- i. Installation of cable risers and panels for the normal power system.
- ii. Redirect any normal branch circuits installed in building 1C (project 537-11-144, T.O. #3, Upgrade Normal Power Substation, Bldg. 1) to panels installed as part of this work.
- iii. Paint and patch to match
- iv. Provide commissioning tests and checks.

8. COMPLETE SET OF ARCHETECTURAL DRAWINGS SHALL BE PROVIDED

9. Requirements for working at the VA

10. Photographic Tour

Requirements
Working at the VA

1. All Employees must have 30hr OSHA TRAINING.
2. Construction entry door must have VA PROVIDED pad lock keyed by VA.
3. Must have a VA – ID
4. Work after normal hospital hours (8:00am-4:30pm) must be requested.
5. Contractor supply safety plan – Fire Extinguishers location, monthly heat detector test.
6. Construction partition door must be self closing
7. Contractor provide and mount fire extinguishers-inspected monthly
8. Heat detectors are to be installed before any disruption of sprinkler system.
9. Hot work permits are require for flame, welding, - 30 min fire watch
10. All waste materials must be recycled and documented.
11. Elevator Usage (4:30pm – 7:00am – Other time upon request)
12. Crane Lifts only on weekends (acceptations by request only)
13. New Air Handlers are to be tested, turned off, warrantee starts day of turn-over.
14. Noise making activities – pneumatic hammers only after normal hospital hours.
15. Store material in construction area- storage box only after approval
16. Construction partition floor to ceiling, all opening sealed.
17. Infection control will mandate negative air pressure, sticky mats/ possible Hepa Vac.
18. Fire system cannot be impaired for more than 4hrs without life safety actions taken.
19. Utility shut-downs, two (2) week notice – sooner possible with approval.
20. All chemicals used must have MSDS safety sheets in construction area.

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21. Any construction materials that have fumes associated must require approval.
22. Non-union employees are allowed, but must pay III prevailing wage.
23. Proper personal protection equipment must be worn at all times.
24. Weekly meetings will be held with the project manager.
25. Daily reports are required – Simple Form.
26. Certified payroll is required prior to any Progress Payment Application.
27. All utility shut-downs will be performed by the VA.
28. All cutting terminating from old utilities will be completed by the Contractor.
29. All unforeseen conditions are to be brought to the COTR's attention immediately.
30. The VA will abate all hazardous materials.
31. If any material is suspect of being hazardous, the COTR is to be notified immediate.
32. No work performed outside of the project scope of work unless instructed by the CO.
33. All unforeseen conditions are to be compensated in the form of a Change Order.
34. All mechanical utility shut-downs are to be performed outside of normal hospital hrs.
35. This project can be shut-down for any safety violation or national emergency.
36. All remaining equipment in the construction area is to be removed by the contractor.
37. All questions during the bidding process are to be forwarded to the CO.

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PHOTOGRAPHIC TOUR

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BIDDING SCHEDULE

BASE BID 537-11-139: Provide all labor, supervision, materials, tools, equipment, transportation, licenses, certificates, insurance, temporary protection, and other items designated under the provisions of this contract: Provide construction services to construct and install new electrical closet, conduits and other accessories for distribution of emergency power for building 1 at the Jesse Brown - VA Medical Center as outlined in the Scope of Work, contract specifications, and as shown on the contract drawings. Contractor's project schedule is required to meet the VA's Contract Required Milestone Dates (attached). The project is located at Jesse Brown VA Medical Center, 820 S. Damen Avenue, Chicago, IL 60612.

LUMP SUM \$ _____

Cost Range \$1,000,000-\$4,000,000

BASE BID 537-11-145: Provide all labor, supervision, materials, tools, equipment, transportation, licenses, certificates, insurance, temporary protection, and other items designated under the provisions of this contract: Provide construction services to install electrical risers, panels and other accessories for distribution of normal power for building 1 at the Jesse Brown - VA Medical Center as outlined in the Scope of Work, contract specifications, and as shown on the contract drawings. Contractor's project schedule is required to meet the VA's Contract Required Milestone Dates (attached). The project is located at Jesse Brown VA Medical Center, 820 S. Damen Avenue, Chicago, IL 60612.

LUMP SUM \$ _____

Cost Range \$500,000-\$2,000,000

Contractor shall begin performance within 14 calendar days of and complete it within 280 calendar days after receiving the Notice to Proceed. All work shall be completed in accordance with the contract documents and specifications.

Note: These projects shall be awarded to the lowest combined lump sum total of the two projects.

TOTAL COMBINED LUMP SUM \$ _____

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Cost Range \$3,000,000-\$5,000,000