

REQUEST FOR PROPOSALS

ADDENDUM # 1

ISSUED: 08/13/2014

**RFP NUMBER: CSP902915
INDEX NUMBER: DAS078**

The State of Ohio, through the Department of Administrative Services, Office of Procurement Services, for DAS, Office of Properties and Facilities is requesting proposals for: Switchgear Preventative Maintenance, Testing, Inspections and Repair Services.

Attached are page(s) 8 and 24 to this Request for Proposal (RFP). Remove the corresponding page(s) from the existing RFP and replace with the attached.

Reason for Addendum. This addendum is issued to include additional background information for 35 E. Chestnut Street and, clarify Offeror Requirement and change the weights for the technical evaluation.

PROPOSAL DUE DATE:	August 20, 2014
OPENING LOCATION:	Department of Administrative Services General Services Bid Desk 4200 Surface Road Columbus, Ohio 43228-1395

- D. In Building 35, Motor Control Centers (MCC's), switchboards and panelboards are located in the ninth floor mechanical room for power distribution to the mechanical equipment. Newer equipment is manufactured by Square D.
- E. The power distribution equipment in the three closets is more than 30 years old and most of it was manufactured by ITE. Several panels are not installed properly and the panel trim is missing. This presents a safety concern because live parts and wires are exposed when the panel door is open. A panel on the fifth is located just above the floor line which is a code violation.
- F. The building has green insulated ground wire. Both ends are concealed.
- G. In Building 35, most of the power distribution equipment in the ninth floor mechanical room is newer equipment manufacturer by Square D.
- H. Furnish field representatives to 246 North High Street Columbus, Ohio 43215 to perform cleaning, maintenance and testing on the following equipment:
 - 1. MV Switchgear – Square D FO No. 23995656 – 129, 130, 131. Two (2) Square D 15KV HVL switches. Three (3) sections of Square D 15KV Switchgear containing two (2) 1200 main vacuum breakers equipped with SEL-351 Relays. Two (2) Metering Sections
 - 2. Substation – Square D FO No. 21093848-079, 080, 081, 082. One (1) Square D 15KV HVL switch. Two (2) metering Sections. 1500 KVA dry type transformer, 13.2KV>480Y/277V, Z=5.65%. One (1) QED Switchboard, 2500A, containing Power Pact RJ2500 circuit breaker equipped with Micro Logic 6.0 trip unit. One (1) QED Switchboard, 2500A, containing Power Pact RJ1600 circuit breaker equipped with Micro Logic 6.0 trip unit. One (1) QED Switchboard, 2500A, containing HJ150, FC34100, MJ600, MJ600 circuit breakers and one (1) PJ1200 circuit breaker equipped with Micro Logic 5.0 trip unit
 - 3. General Electric Substation. One (1) GE 15KV Switch. One (1) ABB liquid-filled transformer, 750 KVA, 13.2KV>208Y/120V. One (1) line-up of GE LV switchgear consisting of seven (7) sections with twenty (20) GE AK-1-25 circuit breakers equipped with series type trip units. Three Model 121AC51A1R overcurrent relays.

- * I. In the 35 East Chestnut Building Basement, Power Distribution equipment is located in the basement area consisting of SQUARE D Cat# 21093848-009, volts 480 / 277 Hertz 60, 4000 amps, 1 transformer 112.5 TRPB, #1 Main 1600a, #2 Main 600a, #3 Main 1600a, numerous panels HB 100a, LPB 100a HB1 150a, RP1 250a etc.

The results of all preventative maintenance and test procedures are maintained onsite.

Note: All equipment will need to be completely de-energized during testing & inspection. All equipment will be tested and inspected per the attached work scopes. All GE LV breakers will be tested via primary injection method. All Square D LV breakers will be tested via secondary injection method. Following completion of testing and inspection a written report will be submitted within four weeks detailing the required deficiencies which need to be corrected or replaced / refurbished. Any critical items will be brought to the attention of the requestor prior to the contractor leaving the site.

1.3.6 Ohio DAS General Services Center

- A. The buildings electrical service is provided by AEP at 13.2 kv line from nearby power pole to a 15kv exterior switch and outdoor substation with walk-in enclosure. The substation is installed in weather proof walk-in outdoor enclosure behind the building and has 2500 kVA dry type transformer and 3200 ampere, 480Y/277 volt main circuit breaker switchgear ampere. Switchgear is feeding two 600 ampere bus-ducts and 2000 ampere switchboard on switchgear digital meter reads maximum demand of 100kW, which is 118kVA and 142.
- B. The main distribution switchboard is General Electric Spectra Series with main lugs only and provides power to the entire building through several bus-ducts and distribution panels.
- C. The outdoor switchgear has some rust.
- D. Existing old wire-ways above unused substations have been used as raceways to bus-ducts and other devices have more than 30 current carrying conductors. Also there are several 120 volt circuits installed in ¾" inch conduits without any de-rating.
- E. The ground loop is buried and could not be verified. Per maintenance personnel, the building is grounded to a grounding loop encircling the building, and all electrical, telecommunication and alternate power grounding is connected to this grounding loop.

*Updated information for 35 E. Chestnut Building.

2.5 TABLE 3 - TECHNICAL PROPOSAL EVALUATION

Criterion	Weight	Rating (0 to 5)	Extended Score
Offeror Requirements:			
1. The Offeror should be financially sound with a Dunn and Bradstreet rating of 1A, 2 or higher.	15		
*2. The Offeror should be a member of National Electrical Testing Association (NETA) with at least 5 NETA Level II certified technicians or a manufacture of the specific switchgear for each building being proposed.	30		
3. The Offeror must have formal documented mandatory electrical safety training program compliant to OSHA 1910 and NFPA 70E and will provide the manual upon request.	25		
Offeror Prior Projects			
The Offeror must demonstrate at least 3 projects in similar scope and size (Must use forms 5.2.4)	30		
Staffing Plan: Staff Qualifications for Persons Working on this Project. (Must use forms 5.2.6)			
1. The Offeror must have at least one registered Professional Engineer on staff.	5		
2. The Offeror must have at least 3 microprocessors relay module technicians (class I Technicians).	5		
3. The Offeror must have at least 10 High Voltage switch gear technicians that are direct employees and can be pooled for major outage.	15		
Scope of Work (Work Plan)			
Methodologies proposed (Work Plan Requirements found in 5.1.3)	15		

Total Technical Score: _____

*Clarified language