

Proposals Due 2:00 P.M. Monday 31 October 2016

17 October 2016

TO: RFP 16-101C Interested Firms

SUBJECT: Amendment No. 1 to Request for Proposals (RFP) 16-101C
For 15kV Electrical Feeder Replacement

A Request for Proposals (RFP) 16-101C Pre-Proposal Meeting was held in the Princeton Plasma Physics Laboratory (PPPL) Business Operations Conference Room at 9:30 A.M. Wednesday 12 October 2016. The following were in attendance:

Company	Representative	Phone
Maul Electric	Craig Coffey	(732) 329-4656
Meridian Property Services	Thomas Carey	(609) 920-8800
Mira Lighting & Electrical	Michael Hadam	(973) 479-3510
Modern Electric	Frank Koch	(973) 747-9886
Powers Electric Co.	Rick Arnold	(609) 298-4714
Scott Testing	Brian Bongart	(609) 689-3400
PPPL AC Power	Craig Shaw	
PPPL AC Power	Dick DeBonis	
PPPL Facilities	John Lacenere	
PPPL QA	Barry Jedic	
PPPL Procurement Specialist	Chi Man Cheung	(609) 243-3092 -2021 fax ccheung@pppl.gov

Summary of the Pre-Proposal Meeting

1. Administrative Remarks/RFP Review

Chi Man Cheung, Procurement Specialist reviewed various administrative matters regarding the procurement and the RFP package (see Attachment 1).

- Questions are to be sent via email to Chi Man Cheung at ccheung@pppl.gov. Deadline for receipt of questions is COB Wednesday 19 October 2016.

2. Statement of Work Review

Craig Shaw of PPPL reviewed the Statement of Work.

3. Safety Review

Chi Man Cheung of PPPL reviewed safety issues associated with the project and working at PPPL. A copy of PPPL's Construction Contractor Safety Requirements Guidance is provided in Attachment 1.

4. Quality Assurance Review

Barry Jedic of PPL reviewed quality assurance issues associated with the project.

5. Site Visit

Attendees were taking for a tour of the job site.

The following additions/changes are hereby incorporated into the RFP:

1. The due date for receipt of proposals is hereby extended to 2:00 PM, Monday 31 October 2016.
2. RFP Section IV – Replace Representations & Certifications Booklet with revised Representations & Certifications Booklet (correcting the NAICS Code and the small business size standard)(Attachment 2).

Answers to Questions Received:

- 1) Testing of cable on the reel.
What type of test, test voltage and duration? Our recommendation (**From HV Tester**) would be a 5 minute DC hipot at 3 times the cable rating. Test stepped in 3 equal steps of 15KV for 1 minute and held at 45KV for the duration. This is a go - no go test.

Provide Megger test at 15kV for 1 minute.

- 2) Testing of cable after installation.
What type of test, test voltage and duration? Our recommendation (**From HV Tester**) would be a 5 minute DC hipot at 3 times the cable rating. Test stepped in 3 equal steps of 15KV for 1 minute and held at 45KV for the duration. This is a go - no go test.

Provide Megger test at 15kV for 1 minute.

- 3) Testing of cable after termination.
What type of test? Our recommendation (**From HV Tester**) would be VLF acceptance test.

Provide manufacture recommended DC hipot for 15min. Provide incremental step to test voltage then hold for 10min.

- 4) What is the expected weight of the reel with wire? We assume almost 11,000 pounds of wire alone assuming copper conductors. Please confirm total weight of reel and wire.

Heaviest reel gross weight is 12,405lb.

- 5) Will all 10 of the feeders be removed on a continuous basis, or is it a one for one swap with one removed and one replaced.

All conductors will be removed before replacement.

- 6) Are there multiple feeders per circuit or are the feeders single circuits?

Per SOW Section 5.1.1; S2A1 is 3 Sets, S1A1 is 6 Sets, Sub 19 is 1 Set.

- 7) The request for proposal form (line item #1) indicates that the contractors are limited to a small business size of \$15 million which conflicts with PPPL Representations & Certifications Booklet page 1 of 15, item 3, small business part 2 which indicates a small business limit of \$36.5 Million? Which value is to be used for small business limit?

\$15 million, see revised Representations & Certifications Booklet.

- 8) The sketch for work (SKE-001) does not indicate the connection points except SUB 19. Please indicate the other points as referenced in the scope of work. Source connections confirmed. Only connection @ #19 needs clarification.

Connection to Sub 19 will be at an outdoor pad mounted transformer.

- 9) Do all four manholes require that the supports be replaced with stainless. What are the dimensions of the manholes and what quantity of supports are required at each man hole?

Manhole sizes are to be forwarded. Also man hole #MH-3 has a collar which extends down at least 8' below grade?

All four manholes need structure replacements. Quantities of supports are not known at this time. Yes, Manhole 3 has an approximately 8' collar.

- 10) Statement of Work, page 2 of 12, line item 1.3.2 Existing Utility Interruptions, item #1 indicate do not interrupt PPL facilities ,..., "and then only after providing Temporary utility services". What is meant by "providing Temporary utility services", please define?

Power would be shut down discussed. However, no discussion about temporary was brought up? Please define.

No temporary services are required.

- 11) Where will the 10 8' reels be located for us to receive, ie within a secure heated storage condition for protection? Outside near the job? Who will offload these reels, or do we assume that they will be stored on site for us? Reels on site and once awarded EC responsible right after initial cable test.

This is correct.

- 12) What is the anticipated scheduled dates that this work is proposed to be installed? This year or next year? Protection of the cables and their temperature will affect the pulling of these cables.

Onsite work to begin in March 2017. Complete within 105 calendar days.

- 13) Statement of Work, page 3 of 12, line item 1.3.5, Scrap and Equipment Removal, touches on sale of equipment purchased under this contract and sale of scrap. Please confirm what is to be done with the scraped feeders. Page 5 item 5.1.1 item #2 indicates it is to cut up and put into an onsite dumpster owned and secured by PPPL. Please confirm to dumpster for PPL disposal since any scrap value would only be an estimated value in the bid price?

Scrap feeders shall be cut up and put into dumpsters provided by PPPL. PPPL will be responsible for dumpster removal.

- 14) The work involved with pulling 1 feeder to building #19 was not discussed. The final termination point was not shown? Can you provide additional information? About how far into the building is it and how do the cables terminate? Is there a lower level, or do the conduits turn up into the Gear?

Termination at Sub 19 will be at an exterior pad mounted transformer.

Please acknowledge your receipt of this RFP Amendment No. 1 by signing below and returning it with your proposal package.

Sincerely,

Chi Man Cheung
Procurement Specialist

Attachments: 1. RFP 16-101C Pre-Proposal Meeting Presentation
2. Revised Representations & Certifications Booklet

Company: _____

Signature: _____

Name: _____

Title: _____

Date: _____