



ESSEX COUNTY

OFFICE OF THE MANAGER

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Daniel L. Palmer
County Manager

Linda M. Wolf
Purchasing Agent

TO: All Bidders

FROM: Linda Wolf, CPA, Purchasing Agent

DATE: July 24, 2014

SUBJECT: Addendum #2 BELFRY MOUNTAIN POWER INSTALL

This Addendum, issued to bid document holders of record, indicates changes to the bid documents for the *BELFRY MOUNTAIN POWER INSTALL* Bid Opening August 1, 2014.

**Please see Questions and Answers received from Contractors
on the following pages.**

**Please replace the Underground Utility Site Plan # EX1 prepared
by Infinigy with the attached one dated 7/23/14.**

Please replace the PROPOSAL with the attached PROPOSAL.

END OF ADDENDUM # 2

QUESTIONS IN BLACK – ANSWERS IN RED

Questions posed by Contractor 1:

Question Set A:

1. Since there has been no response to date, please provide technical response as soon as possible, and we also are requesting a one week extension to the bid date to incorporate said response to our vendors. Please advise. {Addendum #1 extends the opening date to August 1, 2014 at 2:00 p.m.}
2. Following a site visit we did last week, it was found that there is an existing metering/circuit breaker setup and pull boxes for Telco which are indicated on the plans as being provided as part of this contract scope of work. (see attached photos) It is a 3-breaker metering and main breaker setup but the plans show it as 'proposed' equipment. Are we to utilize this existing equipment for this contract? {The existing telco pullboxes are not for this new site, rather they serve the existing site. The existing telco pullboxes are not to be utilized for this site. The SELECTED CONTRACTOR shall provide pull boxes as noted on the plans. The existing metering/disconnect that is near the new communications tower is where the SELECTED CONTRACTOR is to terminate the electric utilities for this contract.}
3. Also, has there been an inquiry made to the Utility providing power/telco, and an ESO # set up? There is no indication on the plans as to who is to set up the utility shop order, pay any related fees, and coordinate the tie-in. Who is to provide all this coordination and pay the costs? {The SELECTED CONTRACTOR is responsible for providing any/all necessary power/telco and ESO# coordination, setup, fees, etc.}

Question Set B:

- 1) Please provide a specification, preferred manufacturer and Model # for the Telco Cabinet – there is no information given. {The vault for the telco cabinet is to be provided by the SELECTED CONTRACTOR. Typically, the cabinet is provided by the telephone provider. Manufacturer/Model of the vault to be utilized is Hubbell Power Systems-Quazite/36"x60"x36" box with cover.}
- 2) Please provide a specification and dimensions for the underground pullboxes, also will polymer concrete construction be acceptable? {The SELECTED CONTRACTOR to provide 2'W x 3'L x 3'D, traffic rated with cover. High Density Polymer Concrete (HDPC) construction is acceptable.}
- 3) Drawing blow-up detail on EX-1, please clarify: length of conduit runs from proposed transformer to new 'H' frame? The overall drawing scale does not apply to the detail; On the 'H' frame, "proposed meter bank" – are the 3 loads from the new disconnect switches to be metered? Is that part of this contract scope? If so, please provide a specification/detail for the metering equipment; please provide specification/detail for any telco equipment to be installed on the 'H' frame? {Sheet EX-1 of the bid package has been revised to show dimensions and provide a scale bar and is attached; revisions are depicted within clouded areas. The SELECTED CONTRACTOR shall provide a connection internally to the meter socket and install a blank plate where the meter is to be placed. The H-Frame is a disconnect point for each tenant at the Site.}
- 4) Drawing EX-1 detail seems to indicate bollards are required, if so please provide specification/details for bollard construction and installation {Bollards will be installed by others after the SELECTED CONTRACTOR installs/tests the utilities and telco under this contract.}

- 5) If testing of the new 15kV primary cabling is required, please provide an appropriate specification/procedure. {Test the cable per ICEA S-93-639 and IEEE Standard 400. 56 kV DC for 15 minutes and provide the Owner with documented test results.}
- 6) Is ground resistance testing required at the meter pole, transformer pad and 'H' frame? What is the minimum ground resistance reading required? {Testing is not required. The SELECTED CONTRACTOR to follow National Grid ESB-753 for grounding system installation.}
- 7) Is a ground grid required at the transformer or 'H' frame? None is shown or specified: If so, please provide detail showing desired wire size and type, ground rods and method of connection (i.e. crimped, bolted, thermoweld, etc) {At the transformer, use 2 x 10' x 3/4" copper weld steel ground rods with a #4/0, 19 strand bare copper loop 12" below grade. Bring (2) #2 bare copper pigtails into transformer terminal compartment. All below-grade connections to be CADWELD® or equivalent.}
- 8) The proposal form paragraph 2 requires a detailed breakdown of the bid, however there is no place on the form to provide this, only lines for 'Lump Sum' – how is the bid breakdown to be submitted? {Disregard paragraph 2.}
- 9) Please provide a specification or design basis for the transformer – is it to be dead-front? is the primary neutral connection to be internal/external, etc? {100 kVA, 7620/240-120 volt, single phase, pad mounted, with 200A load break elbow connection for primary (dead front). The primary neutral connection can be internal.}
- 10) The Scope of work identifies a completion date of 9/30/14 – we have a concern that meeting this schedule will be problematic when considering submittal, review, comment cycle times prior to release of equipment, and current lead times on this type of equipment after release. Can the end date be adjusted to suit actual delivery schedules once established, or is the 9/30 completion mandatory? Please advise. {The County understands that the SELECTED CONTRACTOR cannot begin ordering equipment until a contract is in place. The County will coordinate with the SELECTED CONTRACTOR on a mandatory completion date based on equipment lead times and other dependencies.}

Question posed by Contractor 2:

What is the distance of concrete encasement of the conduit? Entire Run? There are no boring reports provided with the bid documents. No soil borings were completed along the road. It is estimated that approximately 10% - 25% of the total access drive may require concrete encasement. Bidders are asked to provide an add/alternate line item for concrete encasement in increments of 100'.

PROPOSAL

Date: _____

Proposal of _____

to furnish and deliver all labor, supervision, materials, and equipment and perform all work in accordance with the Specifications for **BELFRY MOUNTAIN POWER INSTALLATION**, Elizabethtown, New York for the following lump sum cost.

The owner, Essex County, is tax-exempt. Do not include sales tax in Bid amounts.

The undersigned bidder has carefully examined the contract documents, site of the work, is familiar with existing conditions, and will provide all necessary insurance, bonds, machinery, tools, apparatus, false work and other means of construction, and do all the work and furnish all the materials called for by said contract according to the following TOTAL BASE BID, including all labor, supplies and equipment, permits, fees, overhead and profit for general construction, site work, and electrical. The BASE BID price is to be shown in both words and figures. In the event of discrepancies, the amount shown in words shall govern. All items are to be furnished and installed in place complete.

(Amount in Words)

(Amount in Figures)

ADD/ALTERNATE

Per 100' concrete encasement: _____
(Amount in Words) (Amount in Figures)

The undersigned further understands that the contract will be awarded to the competent, qualified bidder submitting the lowest bid for the Total Bid.

ADDENDA ACKNOWLEDGEMENT

<u>Addendum No.</u>	<u>Date Received</u>
_____	_____
_____	_____
_____	_____

The undersigned agrees as follows:

1. The total contract price bid shall be accepted as full compensation for the complete work subject to additions or deductions in quantity of work performed or changes agreed upon.

2. Within twenty (20) days from the date of “Notice of Acceptance” of the Proposal, to execute the contract and to furnish a satisfactory labor, material and performance bond in the amount of 100% of the contract price.
3. To execute the work as specified herein as soon as possible after notice of award.
4. To comply with requirements as to the conditions of employment, wage rates and hours set forth in the bidding documents.
5. Progress Payments will be made on a percentage of completion basis monthly.
6. 5% Retainage will be withheld until final approval of project(s).

Bidder: _____

By: _____

Title: _____

Address: _____

Dated: _____

Telephone: _____

Fax: _____

Social Security/Federal ID No: _____

Email: _____