

**ADDENDUM FOR
IMPROVEMENTS TO
THE MUNICIPAL ELECTRICAL SYSTEM
FOR THE
CITY OF PIQUA, OHIO**

ADDENDUM NO. 1

CONTRACT NO. 018-00042-00 – SUBSTATION 69 kV BREAKER PROJECT

SSOE Group

The Project Manual for Contract No. 018-00042-00 – Substation 69 kV Breaker Project is hereby modified as follows:

1. The second paragraph in the Advertisement for Bid is revised to read as shown below. This change is made to clarify that the scope of work is to provide the breakers and does not include installation of the breakers.

“In general, the Work consists of providing twelve (12) 69 kV SF6 or Vacuum power circuit breakers”
2. A revised Bid Form, pages 3-BF-1 through 3-BF-13, is attached and should be used for bidding. The Bid Form was revised to indicate the years of delivery for the Vacuum breakers and to request hourly pricing for on site installation inspection and testing services.

Tom Fitzpatrick

Thomas J. Fitzpatrick, PE PMP
Senior Project Manager
SSOE Group
1001 Madison Avenue
Toledo, Ohio 43604

3/9/18

Date

BID FORM

PROJECT IDENTIFICATION

City of Piqua Power System
Substation 69 kV Breaker Project

THIS BID IS SUBMITTED TO:

City of Piqua
Piqua Power System
201 Hemm Avenue Piqua, Ohio 45356

- 1.01 The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into the Agreement with OWNER in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the Bid Price and within the Contract Times and in accordance with the other terms and conditions of the Bidding Documents.
- 2.01 BIDDER accepts all of the terms and conditions of the Advertisement for Bids and Instruction to BIDDERS, including without limitation those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for sixty days after the Bid opening, or for such longer period of time that BIDDER may agree to in writing upon request of the Owner.
- 3.01 In submitting this Bid, BIDDER represents, as set forth in the Agreement, that:
 - A. BIDDER has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of all which is hereby acknowledged: (List Addenda by Addendum Number and Date)

| | | | |
|--|--------|--|------|
| | Number | | Date |
| | Number | | Date |
| | Number | | Date |
 - B. BIDDER is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work;
 - C. BIDDER is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work;
 - D. BIDDER does not consider that any further examinations, investigations, , studies, or data are necessary for the determination of this Bid for performance of the Work at the prices bid and within the times and in accordance with other terms and conditions of the Bidding Documents;

- E. BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents;
 - F. BIDDER has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that BIDDER has discovered in the Bidding Documents, and the written resolution thereof by ENGINEER is acceptable to BIDDER; and
 - G. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- 4.01 BIDDER further represents that this Bid is genuine and not made in the interest of or on behalf of any undisclosed Individual or Entity and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation. BIDDER has not directly or indirectly induced or solicited any other BIDDER to submit a false or sham Bid; BIDDER has not solicited or induced any Individual or Entity to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other BIDDER or over OWNER.
- 5.01 BIDDER agrees that the Work will be substantially completed and completed and ready for final payment in accordance with paragraph 14.07.B of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.01 BIDDER accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified above, which shall be stated in the Agreement.
- 7.01 The following document is attached to and made a condition of this Bid:
- A. Required Bid Security
- 8.01 Terms used in this Bid with initial capital letters have the meanings indicated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

SUBMITTED on _____, 2018

THE FOLLOWING DATA SHEETS MUST BE FILLED OUT TO THE RIGHT OF THE TRIM LINE - ANY WRITING TO THE LEFT OF THE TRIM LINE (TL) WILL NOT BE ACKNOWLEDGED

BID FORM SHALL NOT BE ENLARGED OR REDUCED.

ADDRESS:

TELEPHONE NUMBER:

Addenda Nos. Received:

1 BASE BID: Piqua will be purchasing twelve (12) breakers total either **All SF6 or All Vacuum**

Twelve (12) SF6 Power Circuit Breakers

Price in Words for Three (3) Substation # 5 SF6 Breakers in 2018

_____ DOLLARS

Price in Figures for Three (3) Substation # 5 SF6 Breakers in 2018

\$ _____

Price in Words for Four (4) Substation # 3 SF6 Breakers in 2020

_____ DOLLARS

Price in Figures for Four (4) Substation # 3 SF6 Breakers in 2020

\$ _____

Price in Words for Five (5) Substation # 4 SF6 Breakers in 2019

_____ DOLLARS

Price in Figures for Five (5) Substation # 4 SF6 Breakers in 2019

\$ _____

Total Price in Words for twelve (12) SF6 Breakers

_____ DOLLARS

Total Price in Figures for twelve (12) SF6 Breakers

\$ _____

Deduct price for two SF6 Breakers from Substation 3 in 2020

_____ DOLLARS

\$ _____

Twelve (12) Vacuum Power Circuit Breakers

Price in Words for Three (3) Substation # 5 Vacuum Breakers in 2018

_____ DOLLARS

Price in Figures for Three (3) Substation # 5 Vacuum Breakers in 2018

\$ _____

Price in Words for Four (4) Substation # 3 Vacuum Breakers in 2020

_____ DOLLARS

Price in Figures for Four (4) Substation # 3 Vacuum Breakers in 2020

\$ _____

Price in Words for Five (5) Substation # 4
Vacuum Breakers in 2019

_____ DOLLARS

Price in Figures for Five (5) Substation # 4
Vacuum Breakers in 2019

\$ _____

Total Price in Words for Twelve (12)
Vacuum Breakers

_____ DOLLARS

Total Price in Figures for Twelve (12)
Vacuum Breakers

\$ _____

**Deduct price for Two (2) Vacuum
Breakers from Substation 3 in 2020**

_____ DOLLARS

\$ _____

Hourly rate for on-site installation,
inspection and testing services.

\$ _____/HR

2 ALTERNATES TO BASE BID

Description:

_____ Alternate No.

Change in Base Bid Price

\$ _____ (ADD)

\$ _____ (DEDUCT)

Change in Schedule

_____ DAYS ADDED
_____ DAYS DEDUCT

Description:

_____ Alternate No.

Change in Base Bid Price

\$ _____ (ADD)

\$ _____ (DEDUCT)

Change in Schedule

_____ DAYS ADDED
_____ DAYS DEDUCT

3 PRICE

The bid prices stated above are firm and fixed through completion of the Work.

4 SECURITY FOR BID

Accompanying this bid is a Bid Bond or a certified check in the amount of:

\$ _____ Dollars

_____ Bid Bond
_____ Certified Check

5 SCHEDULING DATA

5.1 SCHEDULE FOR DRAWING SUBMITTAL

Shop Drawings will be submitted to the ENGINEER for review after date of Notice to Proceed within

_____ Calendar Days

5.2 DELIVERY SCHEDULE

Deliver will be completed after Notice to Proceed within:

_____ Calendar Days

The Contractor shall submit a comprehensive schedule with submittal dates of all information to be submitted by the Contractor after date of Notice to Proceed within:

_____ Calendar Days

6 DESCRIPTIVE DATA

The bidder submits the following data and Information for the work proposed:

6.1 72 KV CIRCUIT BREAKERS

Manufacturer

Make

Type

Type of Insulating Medium

Type of Operating Mechanism

Power Supply Requirements of the Operating Mechanism

Overall Dimension Inches

Width

_____ Inches

Depth

_____ Inches

Height

_____ Inches

Weight in Pounds

_____ Pounds

Ambient Operating Temperatures

Maximum Voltage Rating (KV-RMS)

Continuous Current Rating (A-RMS)

Rated Short Circuit Current as Rated
Maximum Voltage (KA-SYM-RMS)

Maximum Symmetrical Interrupting
Rating (KA)

Maximum Asymmetrical Interrupting
Capability (KA)

Opening Time (Cycles)

Reclosing Time (Cycles)

Maximum Interrupting Time (Cycles)

Permissible Full Rating Interruptions
Between Inspections

Operations (Close and Open) Stored in
Breaker Mechanism

6.2 SF6 GAS FOR 72 KV CIRCUIT
BREAKERS

Normal Gas Pressure

Weight of Gas (Lbs.)

_____ Pounds

Guaranteed Leak Rate of SF6 Gas
(Lbs./Yr.)

Gas Pressure at Which Low Pressure
Alarm Occurs

Gas Pressure at Which Automatic Trip
And Block Close Occurs

Dielectric Withstand of 72 KV Breaker at
Zero PSIG Gas Pressure

Impulse (KV Crest)

Switching (KV Crest)

60 Hz (KV RMS)

Interrupting Capability of Breaker at Zero
PSIG Gas Pressure: (KA)

6.3 VACUUM FOR 72 KV CIRCUIT
BREAKERS

Normal vacuum

Guaranteed Lifetime Leakage

Vacuum at Which Alarm Occurs

Setpoint at Which Automatic Trip
And Block Close Occurs

Dielectric Withstand of 72 KV Breaker
At Zero PSIG Pressure

Impulse (KV Crest)

Switching (KV Crest)

60 Hz (KV Crest)

Interrupting Capability of Breaker at Zero
PSIG Pressure: (KA)

6.4 DESCRIPTION OF ITEMS TO BE SHIPPED

Description of items to be shipped
separately from the circuit breaker and/or
the required assembly work that must be
done at the installation site.

7 WARRANTY PERIOD

Warranty Period Proposed:

_____ Years

Description of warranty coverage
and specific exclusions:

8 LOCATION OF MANUFACTURING FACILITY

9 LIST OF SUBCONTRACTORS

Provide a list of subcontractors intended to
used to aid in the completion of the work.

Subcontractor

Description of Work

Subcontractor

Description of Work

10 CONTRACTOR'S REFERENCES

To aid the OWNER in determining the bidder's qualifications and experience, the bidder shall provide a list of his experience and/or installations in this class of work that has been performed in the last three years.

Owner

Contact Name/Telephone Number

Description of Work

Contract Value

\$ _____

Owner

Contact Name/Telephone Number

Description of Work

Contract Value

\$ _____

Owner

Contact Name/Telephone Number

Description of Work

Contract Value

\$

11 LIST OF EXHIBITS

The following is a complete list of all drawings photographs, bulletins, catalogs, and other descriptive matter submitted with and forming a part of this bid.

12 BOND AND AFFIDAVITS

The following Bond and Affidavits have been executed and are included:

STATE OF OHIO

- _____ Bid Bond
- _____ Non-Collusion Affidavit
- _____ Ohio Revised Code Section 5719.042 Relating to Delinquent Personal Property Tax (construction only)
- _____ Affidavit In Compliance with Section 3517.13 of the Ohio Revised Code

13 SUPPLEMENTAL INFORMATION

The following supplemental information is to be attached to this Bid Form

- _____ Qualifications to do
- _____ Business in the State of Ohio
- _____ Financial Statement
- _____ Statement of Experience
- _____ W-9

If BIDDER is:

An Individual

By: _____ Name: _____
(Signature) (Typed or Printed)

Federal I.D. Number: _____

doing business as: _____

Business Address: _____

Phone No.: _____

Fax No.: _____

A Partnership

_____ (Partnership Name) _____ (State of Formation of Partnership)

By: _____ Name: _____
(Signature of Authorized Partner—attach evidence of authority to sign) (Typed or Printed)

Business Address: _____

Phone No.: _____ Fax No.: _____

Federal I.D. Number _____

A Corporation

_____ (Corporation Name)

_____ (State of Incorporation)

By: _____ Name: _____
(Signature of Officer Authorized to Sign – attach evidence of authority to sign) (Typed or Printed)

_____ (Title)

Business Address: _____

Phone No.: _____ Fax No.: _____

Federal I.D. Number: _____