INVITATION TO BID

AND

SPECIFICATIONS

FOR

12.47-kV Recloser & Recloser Control

CITY OF ST. CHARLES

ILLINOIS

2017

SPECIFICATION # 170717

BID OPENING: August 17, 2017
2:00 pm

CONTENTS

SECTION	TITLE
I.	NOTICE TO BIDDERS
II.	INFORMATION TO BIDDERS
III.	SPECIFICATIONS
IV.	PROPOSAL FORM

SPECIFICATION # 170717

BID OPENING : August 17, 2017

SECTION I

NOTICE TO BIDDERS

Sealed bids will be received at the Office of the Inventory Control & Purchasing Division Manager, Two East Main Street, St. Charles, Illinois **no later than** 2:00 P.M.., Thursday, August 17, 2017, for 12.47-kV Recloser & Recloser Control.

Bids will be opened publicly and read aloud in the Council Chambers at 2:00 P.M., Thursday August 17, 2017.

Specifications and bidder information may be obtained at the Office of the Inventory Control & Purchasing Division Manager, City of St. Charles, 200 Devereaux Way, St. Charles, Illinois.

All sealed envelopes must be clearly marked for which proposal they pertain to.

CITY OF ST. CHARLES

Michael Shortall

Inventory Control & Purchasing Manager

SECTION II

INFORMATION TO BIDDERS

1. **GENERAL CONDITIONS:**

A. Bids shall be submitted in a sealed envelope, inserted in a larger sealed envelope. Both envelopes shall be clearly marked with the word "Bid", and the name of the project or subject of the bid. (Sec. 2.33.200A of the St. Charles Municipal Code). The outer envelope shall be addressed "Purchasing Manager, City of St. Charles, Two East Main Street, St. Charles, IL 60174." Include a return address on both envelopes. Bids received after the specified time and date will be returned unopened. Bids shall be on City of St. Charles bid form and shall be returned attached to the original specification sheets. Copies are not acceptable. **All bids submitted are binding for sixty (60) calendar days following the date of the bid opening.**

B. All bid proposals must be signed with the firm name and by an authorized officer or employee of the company. One bid per bidder is allowed.

C. The award of bids shall be made, after determination of the successful bidder by the City Council, by issuance of a City purchase order from the City of St. Charles purchasing manager to the successful bidder.

D. The City of St. Charles reserves the right to waive minor specification deviations and reject any or all bids, and to accept the bid, which is in the opinion of the City Council, the lowest conforming bid from a responsible bidder as defined by state law and Sec. 2.33.230 of the St. Charles Municipal Code.

E. All bids must be quoted on the basis of delivery to the City storeroom, 200 Devereaux Way in St. Charles, IL. The price shall be stated in units and bids made on each item separately. In case of conflict, the unit price shall govern. The City reserves the right to award the bid in aggregate or on individual items.

F. All taxes, storage, handling and delivery costs incurred prior to receipt of the material by the City must be assumed by the successful bidder.

G. The City of St. Charles is exempt from paying Illinois Use Tax, Illinois Retailers Occupation Tax, Federal Excise Tax, and Municipal Retailer's Occupation Tax.

The City of St. Charles will supply a copy of its tax exempt. letter for the use of the successful bidder for purchases of goods related to this contract upon

request. Bidders should prepare their bid responses assuming that eligible goods will be free of sales tax liability.

The City of St. Charles reserves the right in its sole discretion to determine whether a supplier may utilize the City's tax exemption for purchases of goods.

Abuse of the City's tax exempt status to avoid sales tax liability on other contractor purchases shall not be tolerated and may disqualify the contractor from being awarded future City contracts or business. Additionally, the City reserves the right to pursue other remedies against the contractor to the full extent of the law and State regulations.

H. Material is to be delivered on a flatbed trailer and ready to be unloaded from the side of the trailer without driving a forklift onto the trailer. Advance notice of 48 hours is required by calling 630-377-4421. Deliveries can be made to the City between the hours of 7:00 a.m. - noon and 12:30 p.m. - 3:30 p.m.

I. Each bidder shall make an accurate statement in the proposal of the smallest number of calendar days in which delivery can be made after placement of the order.

J. Any firm bidding this/these unit(s) must have a full service shop which includes parts and service mechanics capable of making any adjustments or repairs as may be required. The firm must also have service truck capabilities.

K. Materials will be paid within 30 days of receipt/acceptance of same and receipt of invoice, or if a discount is allowed and is advantageous to the City, within five (5) days of receipt/acceptance of same and receipt of the invoice. Bids will be evaluated on both thirty (30) day and discount pricing.

REQUIRED_____ **NOT REQUIRED**__**X**_____

L. Travel time (incl. on-site repairs and/or pick up and delivery) is included within the labor or service warranty.

REQUIRED_____ **NOT REQUIRED**__**X**_____

2. **MATERIALS**:
Only new, unused, first quality material and/or equipment shall be offered by the bidder.

3. **BID RESULTS:**
The bidder must supply a self-addressed, stamped envelope for obtaining bid results. **NO** bid results will be given by telephone.

4. **ADDENDUM**

Any interpretation of the specifications will be mailed to each bidder receiving a set of the bid documents. Bidders shall acknowledge receipt of such addendum by returning the addendum form.

5. **BID DEPOSIT**

A 10% bid deposit (certified check, cashiers check, or bank draft) or bid bond **is** required to accompany this bid. Failure to do so will eliminate the bid.

REQUIRED_____ **NOT REQUIRED**__X_____

6. **PERFORMANCE BOND**

A performance bond in the amount of 100% of the bid submitted **is** required within ten (10) calendar days of acceptance of the bidder's proposal by the City.

The performance bond of the successful bidder shall have a minimum "A" rating as defined in Best's Key Rating Guide, be conditioned on the faithful performance of the requirements of the contract, and shall have as surety a corporate surety authorized to act as such in Illinois. The performance bond shall cover payment for all labor and material, and insure completion of the project. The bidder will be responsible for all claims for injuries to persons or damages to property or premises arising out of or in connection with his or her operations prior to the acceptance of the finished work or supplies, and that he or she will promptly make payments to all persons supplying him or her or them with labor or materials in the prosecution of the work provided for in the contract; and shall guarantee to indemnify and save the City and its officers and employees harmless from all costs, damages, and expenses arising out of or by reason of the bidder's failure to comply and perform the work and complete the contract in accordance with the specifications.

The performance bond shall be in conformance with the requirements of the Illinois Act in relation to bonds of bidders entering into contracts for public construction. (Illinois Compiled Statutes Ch. 30, Sec. 550/1, et seq.)

REQUIRED_____ **NOT REQUIRED**_X_____

7. **GENERAL GUARANTY**

The bidder agrees to (a) hold the City, its agents, and employees harmless from liability of any nature or kind for the use of any copyrighted or uncopywrited composition, secret process, patented or unpatented, invention, article, or appliance furnished or used in the performance of the contract in which the bidder is not the patentee, assignee, licensee, or owner; (b) protect the City against latent defective material or workmanship and to repair or replace any damages or

marring occurring in transit or delivery; (c) pay for all permits, licenses, and fees and give all notices and comply with all laws, ordinances, and rules of the City and State of Illinois; (d) indemnify City against all claims for personal injury, death, and/or property damage arising out of the project.

8. **ASSIGNMENT**

Assignment of this contract or any part thereof, or any funds to be received thereunder by the bidder shall be subject to the approval of the City of St. Charles.

9. **DEFAULT**

The contract may be cancelled or annulled by the purchasing manager in whole or in part by written notice of default to the bidder upon nonperformance or violation of contract terms. An award may be made to the next lowest bidder, or articles specified may be purchased on the open market similar to those so terminated. In either event, the defaulting bidder (or his surety) shall be liable to the City for costs to the City in excess of the defaulted contract prices. The bidder shall continue the performance of this contract to the extent not terminated under the provisions of this clause. Failure of the bidder to deliver materials or services within the time stipulated on his or her bid, unless extended in writing by the purchasing manager, shall constitute contract default.

10. **INSURANCE**

Detailed insurance requirements are included under City of St. Charles Insurance Requirements for Bidders.

The bidder **shall** secure and maintain in effect at all times, at his or her expense, insurance of the following kinds and limits to cover all locations of the bidder's operations in connection with work on his or her company's projects, naming the City of St. Charles as an additional insured. The bidder shall furnish Certificates of Insurance to the City before starting construction or within 10 days after the execution of the contract, whichever date is reached first. All insurance policies shall include a non-cancellation clause provision preventing cancellation without 30 days written prior notice to the City. In case of insurance cancellation, bidder shall obtain a new insurance policy in compliance with this paragraph prior to the effective date of cancellation.

Certificates of insurance must be completed on the ACCORD 25-S form, with the cancellation clause revised and revisions initialed. An example is enclosed.

REQUIRED__X_____ NOT REQUIRED_____

For this specific project, the City of St. Charles is requiring a liability umbrella of $ 5,000,000 (aggregate for this project).

REQUIRED__X_____ NOT REQUIRED_____

11. **CERTIFICATE OF COMPLIANCE**

All bidders are required to complete the Certificate of Compliance (attached) as per the Illinois Compiled Statutes Ch. 65, Sec. 11-42.1-1, which will be returned with the bid.

12. **HEALTH AND SAFETY ACT**

All work under this contract shall comply with the Occupational Safety and Health Act (OSHA) of 1975, and all other federal, state or local statutes, rules or regulations affecting the work done under the contract.

13. **PREVAILING WAGE RATE**

All work under this contract shall comply with the Prevailing Wage Rate Act of the State of Illinois, Illinois Compiled Statutes Ch. 820, par. 130/31, et seq. and as amended by Public Acts 86-799 and 86-693 and our current City of St. Charles Ordinance with rates to be paid, in effect at the time work is performed. Successful bidder is responsible for posting and issuing current rates to its employees and subcontractors. Current rates are available through the Illinois Department of Labor (217/762-1710 or www.state.il.us/agency/idol).

The successful bidder and each subcontractor shall submit monthly, in person, by mail, or electronically, a certified payroll to the City of St. Charles. The certified payroll shall consist of records of all laborers, mechanics, and other workers employed by them on the project. The records shall include each worker's name, address, telephone number (when available), social security number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, and the starting and ending times of work each day. The certified payroll shall be accompanied by a statement signed by the bidder or subcontractor which avers that:

A. Such records are true and accurate;

B. The hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required; and

C. The bidder or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B misdemeanor.

The City of St. Charles is required to keep the certification records submitted for a period of not less than three years. Furthermore, these records, except an employee's address, telephone number, and social security number, shall be made available in accordance with the Freedom of Information Act.

REQUIRED_____ NOT REQUIRED_____X_____

14. **EXECUTION OF CONTRACT, INSURANCE AND PERFORMANCE BOND**
The successful bidder, within ten (10) business days after acceptance of the bidder's offer by the City, shall execute all requested contract documents, supply satisfactory evidence of required insurance, and furnish a satisfactory performance bond when required by the bid documents. In the event that the bidder fails to furnish required documents, insurance, and performance bond within ten (10) business days after acceptance of the bidder's offer by the City, then the City's acceptance of the offer shall automatically terminate, and the bid deposit of the bidder shall be retained by the City as reimbursement for administrative costs.

15. **RELEASE OF BID DEPOSITS**
Within a reasonable time after the bid opening, bid deposits of all except the three lowest responsible bidders will be released. The remaining deposits will be released after the successful bidder has executed the contract documents and furnished evidence of the insurance and bonds required by the bid documents.

16. **EQUAL OPPORTUNITY EMPLOYER**
The City of St. Charles is an equal opportunity employer, and all bidders are required to be equal opportunity bidders as defined by all applicable state and federal laws and regulations.

17. **VETERANS PREFERENCE**
The City of St. Charles, per Illinois Compiled Statutes Ch. 330, par. 55/1-55/3, gives preference to veterans for public works contracts, should a tie bid arise between local OR non-local bidders.

18. **CERTIFICATE OF NON-DISQUALIFICATION**
All bidders are required to submit a completed Certificate of Non-Disqualification (attached), as required under Illinois Compiled Statutes, Ch. 720, Sec. 33 E-11.

19. **PROVISIONS OF ST. CHARLES MUNICIPAL CODE**
All bids and contracts shall be in accordance with Title 2, Ch. 2.33 of the City of St. Charles Illinois Municipal code, as from time to time amended, which shall take precedence over and control all aspects of this contract, and which are incorporated herein by reference.

20. **SURVIVAL**
The provisions hereof shall survive and shall not merge with the resulting purchase order or contract awarded to the successful bidder, but shall be additional terms thereof; and the submission of a bid shall be deemed as acceptance of these terms.

21. **CERTIFICATE OF COMPLIANCE WITH SAFETY STANDARDS**
All bidders are required to submit a completed Certificate of Compliance with Safety Standards (attached).

22. **CERTIFICATE OF COMPLIANCE WITH PUBLIC ACT 87-1257 OF THE ILLINOIS HUMAN RIGHTS ACT**

All bidders are required to submit a completed Certificate of Compliance with Public Act 87-1257 of the Illinois Human Rights Act (attached).

23. **WAIVERS OF MECHANICS LIEN**

A. With each application for payment, submit waivers of mechanics liens from the bidder, subcontractors, and suppliers for the construction period covered by the current application. Payment will not be released until the bidder has supplied the City with the waiver of liens.

1. Submit partial waivers on each item for the amount requested, prior to deduction for retainage, on each item.
2. When an application shows completion of an item, submit final or full waivers.
3. The City reserves the right to designate which entries involved in the work must submit waivers.
4. Waiver Delays: submit each application for payment with the bidder's waiver of mechanics lien for the period of construction covered by the application.

A. Initial application for payment: administrative actions and submittals, that must precede or coincide with submittal of the first application for payment, include the following:

1. List of subcontractors.
2. List of principal suppliers and fabricators.
3. Schedule of values.

REQUIRED_____ **NOT REQUIRED**__**X**_____

/cjb

ST. CHARLES
SINCE 1834

City of St. Charles
Certificate of Insurance Requirements

Contractors shall carry all insurance coverage required by law. In addition, the Contractor shall carry, at its own expense, at least the following insurance coverage with a duly licensed and registered insurance company in the State of Illinois having a minimum A.M. Best rating of A-VI:

(a) Workers' Compensation & Occupational Diseases Insurance – Statutory amount for Illinois

(b) General Liability Insurance:

1) Bodily injury, with limits of not less than $1,000,000 each occurrence/
$2,000,000 aggregate;

2) Property damage, with limits of not less than $1,000,000 each occurrence/
$2,000,000 aggregate;

3) Contractual insurance – broad form, with limits of not less than $1,000,000
each occurrence/$2,000,000 aggregate.

(c) Automotive Liability Insurance:

1) $1,000,000 each occurrence/
$2,000,000 aggregate;

2) Property damage, with limits of not less than $1,000,000 each occurrence/
$2,000,000 aggregate. Property damage insurance coverage shall include non-owned, hired, leased, or rented vehicles, as well as owned vehicles.

(d) Umbrella liability $5,000,000.

CERTIFICATE OF COMPLIANCE OF
ILLINOIS COMPILED STATUTES, CH. 65, SEC. 11-42.1-1

The undersigned, upon being first duly sworn, hereby certifies to the City of St. Charles, Kane and DuPage Counties, Illinois, that _____ _____(bidder) is not currently delinquent in the payment of any tax administered by or owed to the Illinois Department of Revenue, or otherwise in default upon any such tax as defined under Ch. 65, Sec. 11-42.1-1, Illinois Compiled Statutes.

_____
Name of Bidder

By:_____

State of _____),
ss.
County of _____)

Subscribed and sworn to
before me this _____ day
of_____,_____.

_____
Notary Public

CERTIFICATE OF NON-DISQUALIFICATION
UNDER ILLINOIS COMPILED STATUTES, CH. 720, SEC. 33E-11

The undersigned, upon being first duly sworn, hereby certifies to the City of St. Charles, Kane and DuPage Counties, Illinois, that _____ _____(bidder) is not barred from contracting with any unit of State or local government, as a result of a violation of Ch. 720, Sec. 33E-11 of the Illinois Compiled Statutes.

_____
Name of Bidder

By:_____

State of _____),
ss.
County of _____)

Subscribed and sworn to
before me this _____ day
of_____,_____.

_____
Notary Public

NOTE TO BIDDER: Anyone who makes a false statement, material to this Certification, commits a Class 3 Felony under Illinois Compiled Statutes, Ch. 720, Sec. 33E-11 (b).

CERTIFICATE OF COMPLIANCE WITH SAFETY STANDARDS

The undersigned, upon being first duly sworn, hereby certifies to the City of St. Charles, Kane and DuPage Counties, Illinois, that _____ _____(bidder) shall comply with all local, state and federal safety standards.

_____
Name of Bidder

By:_____

State of _____),
ss.
County of _____)

Subscribed and sworn to
before me this _____ day
of_____,_____.

_____
Notary Public

CERTIFICATE OF COMPLIANCE WITH PUBLIC ACT 87-1257
OF THE ILLINOIS HUMAN RIGHTS ACT

The undersigned, upon being first duly sworn, hereby certifies to the City of St. Charles, Kane and DuPage Counties, Illinois, that _____ _____ (bidder) complies with the Illinois Human Rights Act as amended by Section 2-105, Public Act 87-1257 in relation to employment and human rights.

_____
Name of Bidder

By:_____

State of _____),
ss.
County of _____)

Subscribed and sworn to
before me this _____ day
of_____,_____.

_____
Notary Public

CERTIFICATE OF COMPLIANCE WITH PREVAILING WAGE RATE ACT

The undersigned, upon being first duly sworn, hereby certifies to the City of St. Charles, Kane and DuPage Counties, Illinois, that all work under this contract shall comply with the Prevailing Wage Rate Act of the State of Illinois, Illinois Compiled Statutes, 1987, Chapter 820, par. 130/31, et. seq, and as amended by Public Acts 86-799 and 86-693 and our current city ordinance, with rates to be paid in effect at time work is performed. Contractors shall submit monthly certified payroll records to the City.

The undersigned, upon being first duly sworn, hereby certifies to the City of St. Charles, Kane and DuPage Counties, Illinois, that the bidder will file their substance abuse prevention plan.

_____
Name of Contractor

By:_____

State of _____),
ss.
County of _____)

Subscribed and sworn to
before me this _____ day
of_____,_____.

_____
Notary Public

SECTION III

12.47-kV RECLOSER & RECLOSER CONTROL SPECIFICATIONS

1.0 GENERAL

The design, construction and testing of the specified equipment shall be in accordance with the currently published ANSI, IEEE and NEMA applicable standards. The seller is expected to quote in conformance with these specifications and shall itemize any exceptions in a separate letter of transmittal included as part of the Seller's proposal.

2.0 EQUIPMENT DESCRIPTION

The interrupting devices shall be designed for circuit reclosing duty without derating their rated interrupting current for operating sequence adjustment or asymmetrical current interruption. Rated rms symmetrical interrupting capability shall be equal to or greater than the interrupting amperes indicated in the specifications. An electronically controlled, vacuum reclosing device certified capable of meeting the vacuum recloser duty cycle, as set forth in ANSI/IEEE C37.60-1981 shall be acceptable.

Unit shall come with freestanding galvanized surface mounting with grounding provisions, and ANSI No. 70 grey bushings. Bushing terminals shall be pad type with NEMA 4-hole drilling for copper or aluminum connections. Grounding track to frame via 1/0 copper cable connection.

3.0 SPECIFICATIONS

A. 12.47-kV, 1200A RECLOSER

Quantity Two (2), KVS-15-20-1200 RCL - Type VSA-20kA, 14.4-kV, 1200A electronic recloser for use as a disconnecting means with the following accessories:

- KA65VS4 - Set of three 1200:5 multi ratio, class C200 BCT's on bushings 2, 4, 6.
- KA79VS2 – 4 hole flat pad terminals
- KA18ME - Control Cable -10 feet
- KA55VS8 - Freestanding substation mounting frame, galvanized finish.
- 240V AC Motor Operator

B. 12.47-kV, 800A RECLOSER

Quantity Eight (8), KVS-15-16-800 - Type VSA-16, 14.4-kV, 800A electronic recloser for use as a disconnecting means with the following accessories:

- KA79VS2 – 4 hole flat pad terminals
- KA18ME - Control Cable -10 feet
- KA55VS1 - Freestanding substation mounting frame, galvanized finish.
- 240V AC Motor Operator

Other manufacturers electronic reclosers for items A & B above will be considered with the requirement that proposals show that the fit, form and function of their offering is both compatible and interchangeable with existing City of St. Charles installations utilizing Cooper Form 6 and SEL 651R controllers and Kyle Type VSA reclosers. Alternative reclosers shall be powered by 240V AC. Galvanized mounting frame shall be included and shall be designed to provide flexibility in mounting arrangements. Proposal must include fully dimensioned detailed drawings of the interrupter, the mounting frame and the complete installation.

C. Recloser Controller

Recloser controllers shall be compatible and interchangeable with existing City of St. Charles installations utilizing Cooper Form 6 and SEL 651R controllers and Kyle Type VSA reclosers.

Five (5), Cooper Form 6 - Catalog Number KME6Y2121-1-1124E – or SEL651R2 Catalog Number 0651R21CXAA8AD13X2XXXX controls.

<u>Cooper Form 6</u>

- Standard 14 Pin control cable connection
- Control powered by 125V DC preferred
- 1 amp CT input
- Three Phase Wye connected voltage inputs
- RS232 communication ports
- Ethernet Fiber LAN Communication
- DNP 3.00 Level 2 slave protocol
- Standard operator controls, LCD and targets
- Mild steel cabinet finished for severe outdoor application
- Domestic panel
- Standard contacts: Addl 8in/8out, 12-250V

SEL-651R

- 14 Pin control cable connection
- Control powered by 125V DC preferred
- 1 amp CT input
- Three phase wye voltage inputs
- RS232 communication ports
- Ethernet Fiber LAN Communication
- DNP 3.00 Level 2 slave protocol
- Standard operator controls, LCD and targets
- Powder coated steel enclosure
- Standard contacts: Addl 8in/8out, 12-250V

4.0 SHOP DRAWINGS

"Shop Drawings" refers to the installation drawings prepared by the manufacturer to construct the equipment defined by these specifications.

The Manufacturer shall submit two copies of the following shop drawings to the Owner for approval in advance of manufacturing on or before the date specified in the Bidder's proposal:

- Outline drawings, apparatus installation and mounting drawings as appropriate.
- Schematic diagrams of all current, potential and control circuits.
- Wire diagram.
- Nameplate drawings
- Bill of Materials.

The Manufacturer shall provide the Owner with two prints and a floppy or Zip disk containing the electronic CAD files, in a Microstation or AutoCAD V12 format, of all "as built" shop drawings at the time of shipment.

5.0 SHIPMENT

The Seller shall ship the specified equipment FOB destination to the city garage.

6.0 INSTRUCTION MANUALS

The Seller shall provide the Owner with three complete sets of instruction manuals with the shipment. The manuals shall include replacement parts lists. In addition a set of electronic instruction manuals will be provided either on a CD or a flash drive.

7.0 INFORMATION REQUIRED WITH PROPOSAL

The following additional information shall be provided:

- Outline drawing of all proposed equipment.
- Manufacturer's descriptive data for all proposed equipment.
- Copy of proposed warranty for recloser and control.

8.0 ADDITIONAL TERMS AND CONDTIONS

The quantities listed are estimates and not guaranteed quantities. The City of St. Charles reserves the right to purchase individual items and/or partial quantities of items bid on this proposal. The City of St. Charles also reserves the right to split the order between suppliers.

SECTION IV

Pricing Sheet

I propose to furnish the City of St. Charles 12.47-kV Recloser & Recloser Control described in the preceding section, in accordance with the attached conditions and specifications for the unit cost of:

A. 12.47kV – 1200A Recloser $ _____ each

B. 12.47kV – 800A Recloser $ _____ each

C. Cooper Form 6 Recloser Control $ _____ each

OR

C. SEL-651R Recloser Control $ _____ each

By submission of this bid I certify that the bid has been arrived at independently and has been submitted without collusion with any vendor of materials, supplies, or equipment of the type described in the preceding section.

_____
COMPANY

_____
ADDRESS

_____
CITY, STATE, ZIP

_____
TELEPHONE

_____
SIGNATURE OF AUTHORIZED AGENT

_____
PRINTED NAME OF AUTHORIZED AGENT