

INVITATION TO BID
AND
SPECIFICATIONS
FOR

Electric Substation Packaged Engine Generator Replacement



CITY OF
ST. CHARLES
CITY OF ST. CHARLES
ILLINOIS
2017
∞ ILLINOIS • SINCE 1834 ∞

SPECIFICATION #171026

BID OPENING: October 26, 2017

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CITY OF
ST. CHARLES

∞ ILLINOIS • SINCE 1834 ∞

SPECIFICATION #171026

BID OPENING October 26, 2017

SECTION I

NOTICE TO BIDDERS

Sealed bids will be received at the City Municipal Building, 2 East Main Street, St. Charles, Illinois, no later than 2:00 P.M. on Thursday October 26th, 2017 for the Electric Substation Packaged Engine Generator Replacement. Bids will be opened publicly and read aloud at the City Council Chambers (located at 2 E Main St, St. Charles, IL) on Thursday October 26th, 2017 at 2:00 P.M.

Notice – a Mandatory pre proposal meeting is scheduled for 10:00 AM on Tuesday, October 17th, 2017 at Substation #5 located at 2561 DuKane Drive. Immediately followed by a pre proposal meeting at Substation #9 located at 850 Equity Drive.

Please contact either Erika Drennan (Electric Services) or Michael Shortall (Purchasing) with any questions. All questions must be submitted prior to Friday October 20th, 2017.
edrennan@stcharlesil.gov
mshortall@stcharlesil.gov

Specifications and bidder information may be obtained online at www.stcharlesil.gov.

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

CITY OF ST. CHARLES

Michael Shortall

Inventory Control & Purchasing Manager



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
	PHONE (A/C, No, Ext):	FAX (A/C, No):
INSURED	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	NAIC #	
	INSURER A :	
	INSURER B :	
	INSURER C :	
	INSURER D :	
	INSURER E :	
INSURER F :		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	GENERAL LIABILITY						EACH OCCURRENCE	\$
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person)	\$
							PERSONAL & ADV INJURY	\$
							GENERAL AGGREGATE	\$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG	\$
	<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC							\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	\$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> HIRED AUTOS						PROPERTY DAMAGE (Per accident)	\$
	<input type="checkbox"/> SCHEDULED AUTOS							\$
	<input type="checkbox"/> NON-OWNED AUTOS							\$
	UMBRELLA LIAB						EACH OCCURRENCE	\$
	EXCESS LIAB						AGGREGATE	\$
	<input type="checkbox"/> OCCUR							\$
	<input type="checkbox"/> CLAIMS-MADE							\$
	DED <input type="checkbox"/> RETENTION \$							\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS	OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICE/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A				E.L. EACH ACCIDENT	\$
	If yes, describe under DESCRIPTION OF OPERATIONS below.						E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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 and Generator Bid for Sub 5 & 9." 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 and/or the Purchasing Manager's designee 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 Bid on the basis of delivery to the City's Inventory and Purchasing Division, 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. All taxes, storage, handling and delivery costs incurred prior to receipt of the material by the City must be assumed by the successful Bidder.

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 Illinois Department of Revenue tax exempt form can be obtained through the City of St. Charles Office of Purchasing.

The winning Bidder will be required to complete the requested information included on this form. It is the purpose of this document to allow the winning Bidder to purchase items for the Bid project, tax free. It is the intent that the contractor will include the savings into the bid or Bid.

Contractors will be responsible for utilizing this tax exempt form in a legal and responsible way. The contractor must sign a certification that the tax exempt form will be solely used for the purpose stated above. 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.

- H. If applicable, 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 quoting 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 x **NOT REQUIRED**

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

REQUIRED **NOT REQUIRED**

2. **MATERIALS:**
Only new, unused, first quality material and/or equipment shall be offered by the Bidder.
3. **BID RESULTS:**
Bid results may be available on the City's website, www.stcharlesil.gov, once they are tabulated or approved. In the alternative, the Bidder may 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 or other changes may be made available on the City's web page under the "Bid & Proposals" page. It is the responsibility of the Bidder to check periodically with the web page on updates and addendums.
5. **BID DEPOSIT**
A 10% Bid deposit (certified check, cashier's 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 & PAYMENT BONDS**

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 and payment bonds 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 and payment bonds 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 un-copyrighted 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 or electronic (Email) 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 Certificate of Insurance Requirements.

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 Finance Department Purchasing Office 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 ACORD 25-S form, with the cancellation clause revised and revisions initialed. An example is enclosed.

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**

This contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq.* ("the Act"). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current "prevailing rate of wages" (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department's web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor's website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice and record keeping duties.

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), the last four digits of the worker's 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 five 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.

14. **EXECUTION OF CONTRACT, INSURANCE, & PERFORMANCE & PAYMENT BONDS**

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 and payment bonds when required by the bid documents. In the event that the Bidder fails to furnish required documents, insurance, and performance and payment bonds 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** _____

**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 _____),
County of _____) ss.

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 _____),
County of _____) ss.

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 _____),
County of _____) ss.

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 Illinois Prevailing Wage Act, 820 ILCS 130/.01, et. seq, (the "Act") and current City ordinance, to the extent required by law. Contractors shall submit monthly certified payroll records to the City.

Name of Contractor

By:_____

State of _____),
ss.
County of _____)

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

Notary Public

/cjb
Bidders Section II

CERTIFICATE OF COMPLIANCE WITH SALES TAX FORM

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 General Conditions, Paragraph 1.G.
and the Illinois Department of Revenue tax exempt form.

Name of Bidder

By:_____

State of _____),
ss.
County of _____)

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

Notary Public

Emergency Standby Generator Replacement Scope of Work

Locations: Electric Substation # 5
2561 DuKane Drive
St. Charles, Illinois 60174

Electric Substation # 9
850 Equity Drive
St. Charles, Illinois 60174

Project Proposal Substation 5:

At our substation facility, remove existing Kohler 20RZ natural gas generator, transfer switch and old equipment necessary to upgrade to a new generator system. Provide and install a new Kohler model 24RCL, 21kW natural gas generator and all necessary components to ensure emergency generator operations. The existing Kohler 20RZ Generator and ATS will become the property of the Bidder and the value discounted from the cost of the new equipment.

1. Remove and appropriately dispose of the existing 20 kW generator. The Saint Charles Electric Utility will provide a crane and a crane operator to remove the old generator and to set the new one.
2. Install new Kohler model 24RCL, 21kW natural gas powered generator.
3. The City will provide a crane and operator to remove the old generator and to set the new one on the pad.
4. Connect generator to existing natural gas supply line. Determine if piping is adequate for generator operation. After testing make necessary changes to the natural gas supply.
5. Connect natural gas supply to generator inlet.
6. Install new Kohler (KSS)/KSS-AFNA-0100S, transfer switch.
7. Replace any existing AC wiring that is required to handle new generator. If old conductors are unable to be removed from existing conduits, new conduits and wire to be installed from new generator to new ATS in control building.
8. Connect generator to transfer switch.
9. Provide temporary generator and switch for station power needs for duration of project.
10. Initial commissioning, start-up testing and demonstration of new generator system to be provided by generator set vendor. This is to be sub-contracted by the installer.

11. Disconnect by pass, remove and appropriately dispose of Kohler transfer switch.

Project Proposal Substation 9:

At our substation facility install a new Kohler model 24RCL, 21kW natural gas generator and all necessary components to ensure emergency generator operations. There is already a Series 300 ASCO transfer switch in the building.

1. Install new Kohler model 24RCL, 21kW natural gas powered generator on the pad provided in the Substation yard.

2. The City will provide a crane and an operator to set the new generator on the pad.

3. Connect generator to existing natural gas supply line. Determine if piping is adequate for generator operation. After testing make necessary changes to the natural gas supply.

4. Connect natural gas supply to generator inlet.

5. Install any AC wiring that is required to handle new generator.

6. Connect generator to ASCO transfer switch.

7. Initial commissioning, start-up testing and demonstration of new generator system to be provided by generator set vendor. This is to be sub-contracted by the installer.

Project related special conditions:

- i. Contractor shall have approved General contracting License to work with City of St. Charles.
- ii. Contractor shall abide by all Illinois prevailing wage laws.
- iii. Contractor shall provide the list of Subcontractor to the Electric Department.
- iv. Contractor shall provide Insurance to the City of St. Charles.
- v. Contractor shall provide all safety devices to all workers this includes but is not limited to hard hats and steel toed shoes.
- vi. Contractor will not be allowed to use any heavy equipment without prior approval from City of St. Charles. Contractor shall hand dig inside the aggregate paved surface area of the energized substation.
- vii. Contractor will be allowed to use heavy equipment with prior approval from City of St. Charles if necessary.
- viii. Contractor shall provide digital color pictures for all major activities in their proper sequence (particularly those which will be covered up).

Pricing:

- i. Contractor shall provide a lump sum proposal for the work.

Proposal:

One Lump Sum.

\$ _____