

CITY OF FARMINGTON 800 MUNICIPAL DRIVE FARMINGTON, NEW MEXICO 87401

Reclosers BID #14-100982 October 28, 2013 2:00 P.M.

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Reclosers BID #14-100982 October 28, 2013 2:00 P.M.

ACKNOWLEDGMENT OF RECEIPT FORM

In acknowledgment of receipt of the distribution packet #14-100982, the undersigned agrees that he/she has received a complete copy, beginning with the title page and ending with the Bid Schedule, for a total of 17 Pages.

The acknowledgment of the receipt form should be signed and returned to the Buyer no later than **October 23, 2013 at 2:00 p.m.** Only potential Bidders who elect to return this form will receive copies of all future communications, relating to, and including amendments to #14-100982, if issued.

FIRM:	
REPRESENTED BY:	
TITLE:	
EMAIL:	FAX NO.:
ADDRESS:	
CITY: STATI	
SIGNATURE:	DATE:
This name and address will be used for all corr	espondence related to document #14-100982
Firm does/does not (circle one) intend to resp	oond to Reclosers, #14-100982
If firm does not intend to reply, responding.	·
Return To:	

Rosalyn Potter, CPPB
Buyer II
City of Farmington
Central Purchasing
800 Municipal Drive
Farmington, NM 87401
rpotter@fmtn.org

Telephone Number: 505-599-1365
Fax Number: 505-599-1377
Faxed copies of this form will be accepted.
Faxed Bid responses will not be accepted.

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BID T	TTLE:	Reclosers			RMINGTON JRCHASING DEPARTMENT	
BID#		14-100982	_	_	PAL DRIVE	
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		Specifications		Bid please contact:		
<u>X</u> A	Article 6 –	Definitions	·			
			BUY	ER:/s/ Za	osalyn Potter	
				Rosal	lyn Potter, CPPB	
			Tele		umber: (505) 599-1365	
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*** To I	he a valid l	bid, Bidder must Sign Here***	Tit	le	Email Address	
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		s Preference <u>will</u> be applied onl s Preference Certification form			ave completed the following along with the	
					erans Preference. Bidder has been issued	
					ico certificate with their bid. Resident veterans	
	nce certific	ation approval is required at the tir	ne of the bid ope	ning to be e	eligible for resident veterans preference.	
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,	t Terms:			ount will not I	be considered in computing the low bid.)	
	ax identific Point: Destina	ation Number:ation		ivery:	Calendar days	
(F.O.B. I	Point Must b	e Destination, Unless otherwise indica	ted by the City of F	armington P	Purchasing Agent and/or enclosed Contract Documents	s)
L		the appropriate box below:				
		ER ACKNOWLEDGES RECEIPT				
Addend	dum No	Dated			Dated	
Addend	dum No	Dated	Adde	ndum No.	Dated	

ARTICLE 1 GENERAL CONDITIONS

The following bid is made for furnishing materials or services for the City of Farmington, San Juan County, New Mexico.

The bidder declares that the amount and nature of the materials to be furnished is understood and that the nature of this bid is in strict accordance with the conditions set forth and is a part of this bid, and that there will at no time be a misunderstanding as to the intent of the specifications or conditions to be overcome or pleaded after the bids are opened.

The bidder, in submitting this bid, represents that he is an equal opportunity employer, and will not discriminate with regard to race, religion, color, national origin, and sex in the performance of this contract.

The bidder hereby proposes to furnish the items or services bid on, F.O.B. Farmington, New Mexico, at the unit prices quoted herein after notice of bid award.

Bidder must use the Bid Schedule provided and complete all information in the blanks provided. Failure to comply, or use of Bidder provided forms, may result in rejection of the Bid at the City's option.

The City reserves the right to reject any or all bids or to waive technicalities at its option when in the best interests of the City.

If items for which bids have been called for have been identified by a "brand name or equal" description, such identification is intended to be descriptive, but not restrictive, and is to indicate the quality and characteristics of products that will be satisfactory. Bids offering "equal" products will be considered for award if such products are clearly identified in the bids and are determined by the Central Purchasing Office and requesting Department to be equal in all material respects to the brand name products referenced. Unless the bidder clearly indicates in his bid that he is offering an "equal" product, his bid shall be considered as offering a brand name product referenced in the Bid Schedule.

Equal shall be taken in its general sense and shall not mean identical. Specifications are for the sole purpose of establishing minimum requirements of level of quality, standards of performance and design and is in no way intended to prohibit the bidding of any manufacturer(s) item of equal material. The City of Farmington shall be the sole judge of equality in their best interest and decisions of the City of Farmington as to equality shall be final.

Pursuant to Section 13-1-108 NMSA 1978, the total amount bid shall exclude all applicable taxes including applicable state gross receipts tax or applicable local option tax. The City will pay for any taxes due on the contract and will pay any increase in applicable taxes which become effective after the date the contract is entered into in addition to the bid total based upon separate billings which the successful bidder shall submit with each request for payment. Taxes shall be shown as a separate amount on such billing or request for payment and shall separately identify each tax being billed.

To assist the City with budget preparation, the bidder shall complete the paragraph on the bid schedule of this bid and shall identify by name each tax bidder believes to be applicable to this bid and shall estimate the amount of each tax which will be charged on the entire bid.

Bidder's may submit more than one bid that meet or exceed specifications listed. Bidder's submitting more than one base bid should submit each bid in a separately sealed envelope labeled according to the requirements specified on Page 2, Invitation to Bid. Do not submit two base bids in the same envelope. Alternate Bids which offer exceptions to the specifications will be considered and should be submitted in a

separately sealed envelope labeled as an alternate.

Any bid received after stated closing time will be returned unopened. If bids are sent by mail to the Purchasing Supervisor, the bidder shall be responsible for actual delivery of the bid to the Central Purchasing Department before the advertised date and hour for opening of bids. If mail is delayed either in the postal service or in the internal mail system of the City of Farmington beyond the date and hour set for the bid opening, bids thus delayed will not be considered and will be returned unopened.

Bids deposited with the City may be withdrawn prior to the time set for opening Bids. Request for non-consideration of Bids must be made in writing to the Central Purchasing Office and received by the City prior to the time set for opening Bids. After other bids are opened and publicly read, the Bid for which nonconsideration is properly requested may be returned unopened. The bid may not be withdrawn after the bids have been opened, and the Bidder, in submitting the same, warrants and guarantees that his bid has been carefully reviewed and checked and that it is in all things true and accurate and free of mistakes and that such bid will not and cannot be withdrawn because of any mistake committed by the Bidder.

After Bids are opened and publicly read, the Bids will be tabulated for comparison on the basis of the bid prices and quantities shown in the Bid. Until final award by the City of Farmington, the City reserves the right to reject any or all Bids, to waive technicalities, and to re-advertise, or proceed to do the work otherwise when the best interests of the City will be realized hereby.

Bids will be considered irregular if they show any omissions, alteration of form, additions, conditions not called for, or irregularities of any kind. However, the City reserves the right to waive any irregularities and to make the award in the best interest of the City.

The City reserves the right to reject any or all Bids, and all Bids submitted are subject to this reservation. Bids may be rejected, among other reasons, for any of the following specific reasons:

- Bids received after the time limit for receiving Bids as stated in the advertisement.
- 2. Bid containing any irregularities.
- 3. Unbalanced value of any items.

Bidders may be disqualified and their Bids not considered, among other reasons, for any of the following specific reasons:

- 1. Reason for believing collusion exists among the Bidders.
- Reasonable grounds for believing that any Bidder is interested in more than one Bid for the work contemplated.
- The Bidder being interested in any litigation against the City.
- The Bidder being in arrears on any existing contract or having defaulted on a previous contract.
- Lack of competency as revealed by a financial statement, experience and equipment, questionnaires,
- Uncompleted work which in the judgment of the City will prevent or hinder the prompt completion of additional work if awarded.

The successful bidder may not assign his rights and duties under an award without the written consent of the City's Central Purchasing Office. Such consent shall not relieve the assignor of liability in event of default by his assignee.

Delivery date is an important factor to the City and may be required to be a part of each bid. The City of Farmington considers delivery time to be that period elapsing from the time the individual order is placed until that order or work there under is received by the City at the specified delivery location.

The delivery date indicated a guaranteed delivery at Farmington, New Mexico. In evaluating any guaranteed date of delivery, past delivery and service performance on previous City contracts will be considered. The City reserves the right to reject any bid if the guaranteed delivery date of any bidder is indicated unlikely because of the non-availability of stock in the vicinity of Farmington, New Mexico or failure of the bidder to meet guaranteed delivery dates or service performance on any previous City order

The City reserves the right to demand bond or penalty to guarantee delivery by the date indicated. If order is given and the bidder fails to furnish the materials by the guaranteed date, the City reserves the right to cancel the order without liability on its part. All prices are to be F. O. B. Farmington, New Mexico all freight prepaid.

Whenever the Contractor encounters any difficulty which is delaying or threatens to delay timely performance (including actual or potential labor disputes), the Contractor shall immediately give notice thereof in writing to the Central Purchasing office, stating all relevant information with respect thereto. Such notice shall not in any way constitute a basis for an extension of the delivery or performance schedule or be construed as a waiver by the City of any rights or remedies to which it is entitled by law or pursuant to provisions herein. Failure to give such notice, however, may be grounds for denial of any request for an extension of the delivery or performance schedule because of such delay.

All bids shall specify terms and conditions of payment which will be considered as part of, but not control, the award of bid. City review, inspections, and processing procedures ordinarily require thirty (30) days after receipt of invoice, materials or service. Bids which call for payment before 30 days from receipt of invoice, or cash discounts given on such payment, will be considered only if the opinion of the Central Purchasing Office upon the review, inspections and processing procedures can be completed within the specified time.

It is the intention of the City of Farmington to make payment on completed orders within thirty (30) days of receiving invoicing unless unusual circumstances arise. Invoices shall be fully documented as to labor, materials and equipment provided. Orders will be placed by the Central Purchasing Department and must be given a Purchase Order Number to be valid. All Purchase Orders will be paid upon completion of delivery and acceptance.

Payment will not be made by the City until the vendor has been given a Purchase Order Number, has furnished proper invoice, materials, or services, and otherwise complied with City Purchasing procedures, unless this provision is waived by the City.

In case of default of the successful bidder, the City of Farmington may procure the articles from other sources and hold the bidder responsible for any excess cost occasioned thereby.

Except as to any supplies or components which the specifications provide need not be new, all supplies and components to be provided under this contract shall be new (not used or reconditioned, and not of such age or so deteriorated as to impair their usefulness or safety), of current productions and of the most suitable grade for the purpose intended. If at any time during the performance of this contract the Contractor believes that the furnishing of supplies or components which are not new is necessary or desirable, he shall notify the Purchasing Agent immediately, in writing, including the reasons therefore and proposing any consideration which will flow to the City if authorization to use supplies or components is granted.

Bidders shall have no claim against the City for failure to obtain information made available by the City which the Bidder could have remedied through the exercise of due diligence.

The only approved contact shall be with the buyer listed in this bid. Bidders making contact with any other City official or City employee regarding this Bid may be disqualified.

All bids and related documents are subject to the "Inspection of Public Records Act," Chapter 14, Article 2, NMSA 1978.

By law (Section 13-1-191, NMSA, 1978) the City is required to inform Bidders of the following: (1) it is a third-degree felony under New Mexico law to commit the offense of bribery of a public officer or public employee (Section 30-24-1, NMSA, 1978); (2) it is a third-degree felony to commit the offense of demanding or receiving a bribe by a public officer or public employee (Section 30-24-2, NMSA, 1978); (3) it is a fourth-degree felony to commit the offense of soliciting or receiving illegal kickbacks (Section 30-41-1, NMSA, 1978); (4) it is a fourth-degree felony to commit the offense of offering or paying illegal kickbacks (Section 30-41-2, NMSA, 1978).

Any protest by a Bidder must be timely and in conformance with Section 13-1-172, NMSA, 1978 and applicable procurement regulations. The fifteen (15) day protest period for responsive Bidders shall begin on the day following the City's written notification to all responding Bidders. Protests must be written and must include the name and address of the protestor and the number assigned to this Bid by the City. It also must contain a statement of grounds for protest including appropriate supporting exhibits. The timely protest must be delivered to:

Purchasing Officer Central Purchasing Division City of Farmington 800 Municipal Drive (Mailing Address) OR 805 Municipal Drive (Physical Location) Farmington, NM 87401-2663

ARTICLE 2

SPECIAL CONDITIONS SUPPLIES

Periodic deliveries will be made only upon authorization of the Purchasing Department and shall be made if, as, and when required and ordered by the City at such intervals as directed by said Purchasing Department.

Deliveries shall be to the location identified in each order within the City of Farmington.

The quantities shown on the bid are estimated quantities only. The City of Farmington reserves the right to purchase more than or less than the quantities shown. In any event, the unit bid prices shall govern.

The Contract will be awarded at the prices bid for a period of time as set forth in the Bid Schedule.

Bidder warrants that all deliveries made under the Contract will be of the type and quality specified; and the City's Purchasing Agent may reject and/or refuse any delivery which falls below the quality specified in the specifications. The City shall not be held to have accepted any delivery until after an inspection of same has been made and an opportunity to exercise its right of rejection has been afforded.

All manufacturers' warranties shall insure to the benefit of the City, and replacement of defective materials shall be made promptly upon request.

Failure by the Contractor to make reasonable delivery as and when requested shall entitle the Purchasing Agent to acquire quantities from alternate sources wherever available, with the right to seek reimbursement from the Contract for amounts, if

any, paid by the City over and above the bid price.

All materials delivered shall be free of any and all liens and shall upon acceptance thereof become the property of the City, free and clear of any material man's, supplier's, or other liens.

Regardless of the award of a Contract hereunder, the City retains the right to purchase the same or similar materials or items from other sources should it be determined that doing so would be in the City's best interest, based on cost and quality considerations; however, in such event, the Contractor will be given the first option of meeting or rejecting the proposed alternate sources' lower price or higher quality.

Acceptance by the City of any delivery shall not relieve the Contractor of any guarantee or warranty, express or implied, nor shall it be considered an acceptance of material not in accordance with the Specification thereby waiving the City's right to request replacement of defective material.

ARTICLE 3

SPECIAL CONDITIONS EQUIPMENT

Equipment other than current year models will not be considered as responsive to the Specifications. It is the intention of the City to purchase based on the Specifications, a standard production model. In addition to the equipment set out in the Specifications, the units shall include all equipment set out in the manufacturer's literature as standard equipment. They shall include all exterior moldings, name plates, medallions, series identifications, and chrome of every description that is usual for standard stock models of this series

Compliance with or variations from the specifications must be noted as to each item on the Specification Sheet. This requirement must be met even though the Purchasing Agent may alter the specifications in the form of an addendum to accommodate variances. A request for a change in the specifications to accommodate a variation must be called to the attention of the Purchasing Agent at least 24 hours before the bid opening date.

All requests for such changes will be considered and the merits weighed. Only those changes in specifications deemed to be in the best interest of the City will be made. In the event of a change in specifications, an addendum will be supplied to bidders.

The unit shall be completely assembled, lubricated, adjusted, with all equipment including standard and extra equipment installed and the unit made ready for operation.

Bidders must fill in all information asked for in the blanks provided under each item. Failure to completely describe the equipment may result in rejection of the Bid. The City reserves the right to evaluate variations from the specifications and its judgment in such matters shall be conclusive.

The Bidder shall attach hereto, as part of this Bid, regularly printed literature published by the factory, which sets forth and describes the equipment he proposes to furnish.

Manufacturer's standard warranty for parts and labor must be included in this Bid.

For bids on more than one unit of equipment, the City reserves the right to make multiple purchases from more than one bidder if it deems such action to be in its best interest.

ARTICLE 4

SPECIAL CONDITIONS

VEHICLES

Vehicles other than current year models will not be considered as responsive to the specifications. It is the intention of the City to purchase based on the specifications, a standard production model. In addition to the equipment set out in the specifications, the units shall include all equipment set out in the manufacturer's literature as standard equipment. They shall include all exterior molding, name plates, medallions, series identifications, and chrome of every description that is usual for standard stock models of this series.

Compliance with or variations from the specifications must be noted as to each item on the Specification Sheet. This requirement must be met even though Central Purchasing may alter the specifications in the form of an addendum to accommodate variances. A request for change in the specifications to accommodate a variation must be called to the attention of the Central Purchasing Department at least 72 hours before the bid opening date.

All requests for such changes will be considered and the merits weighed. Only those changes in specifications deemed to be in the best interest of the City will be made. In the event of a change in specifications, an addendum will be supplied to bidders.

The units shall be completely assembled, lubricated, adjusted, with all equipment installed and the units made ready for continuous operation with a minimum of five (5) gallons of fuel.

The successful Bidder shall furnish a Manufacturer's Statement of Origin and owner's manual with delivery of each unit.

For bids on more than one unit of equipment, the City reserves the right to make multiple purchases from more than one Bidder if it deems such action to be in its best interest.

All equipment covered by this Bid shall be delivered from point of assembly to the City of Farmington area by railway freight or conveyed by truck. Exceptions to this must be received by the Central Purchasing Department in writing in this Bid form.

ARTICLE 5

SPECIFICATIONS

These specifications are based upon design and performance criteria which have been developed by the City of Farmington as a result of extensive research and careful analysis of the data. Subsequently, these specifications reflect the only type of equipment, material(s) or supplies that is/are acceptable at this time. Therefore, exceptions may be accepted if they are minor, equal, or superior to that which is specified, and provided that they are listed and fully explained on a separate page entitled, "Exceptions to Specifications". The exceptions shall refer to the specification page and paragraph number. The Purchaser shall determine which (if any) exceptions are acceptable and this determination shall be final.

ARTICLE 6

DEFINITIONS

<u>Bid</u> - The offer or proposal of the Bidder submitted on the prescribed form setting forth the prices for the material/items to be procured or the Work to be performed.

<u>Bidder</u> - Any person, firm, or corporation submitting a Bid for the material/items or Work.

<u>Calendar Day</u> - A calendar day of twenty-four (24) hours measured from midnight to the next midnight.

City - The City of Farmington, New Mexico.

<u>Contract Price</u> - The total monies payable to Bidder or the price established for each of the payment items listed in the Bid Schedule as the context indicates.

<u>Dispute</u> - Lack of agreement between any parties that have any obligations, duties or responsibilities under the terms of the Bid.

<u>Proposal</u> - The offer of a Bidder, on the prescribed form, to provide the material/items or perform the Work at the prices on the Bid Schedule.

State - The State of New Mexico.

CITY OF FARMINGTON, NEW MEXICO NOTICE TO BIDDERS

Reclosers, BID #14-100982 Opening Date: October 28, 2013 @ 2:00 P.M.

Bid documents may be retrieved by accessing the Purchasing page of the City of Farmington website, www.fmtn.org, by calling (505) 599-1373 or visiting the Central Purchasing Office at 805 Municipal Drive, Farmington, New Mexico.

The above document has been issued by the City of Farmington for a competitive solicitation. Interested parties may obtain documents as described above.

Publication Date: October 16, 2013

INSTRUCTIONS TO BIDDERS & SPECIFICATIONS

All items quoted on the bid schedule **must** be pre-approved by the Farmington Electric Utility System's (FEUS) Standards Committee **prior** to this bid. The FEUS Standards Committee meets quarterly, on the second Thursday of the month.

Manufacturers or representative shall submit a written request for approval to the FEUS Standards Committee, Attention: John Armenta, 101 N. Browning Parkway, Farmington, NM 87401. A product sample or presentation may be required by the FEUS Standard's Committee, depending on the complexity of the equipment.

The FEUS Standards Committee has established a list of eight (8) major utilities they contact to ascertain if product has received their approval. The major utilities must have used the item for a minimum of two (2) years, before the FEUS will consider approval. A minimum of three (3) of the major utilities contacted must affirm approval before the FEUS Standards Committee will approve placing the item on their pre-approved list. Any negative response from the major utilities could result in disapproval of the product.

Resident Veterans Preference

In accordance with Sections 13-1-21 and 13-1-22 NMSA 1978 and effective July 1, 2012, a resident veteran's business preference has been implemented. The Taxation and Revenue Department (TRD) will be issuing a three (3) year certificate to each qualified business. Businesses are required to reapply to TRD every three (3) years with the proper documentation to renew their certificate.

Attached is one form to be completed and returned with your bid if your firm will qualify for this preference. The veteran's preference will not be extended without the certificate from TRD **and** the attached Resident Veterans Preference Certification.

This preference is separate from the in-state preference and is not cumulative with that preference.

Resident Veterans Preference Certification

application of the resident veterans' prefere	(NAME OF CONTRACTOR) hereby certifies the following in regard to ence to this procurement:
Please check one box only	
☐ I declare under penalty of perjury that my \$1M allowing me the 10% preference disco information about this fact constitutes a crit	y business prior year revenue starting January 1 ending December 31 is less than bunt on this solicitation. I understand that knowingly giving false or misleading me.
☐ I declare under penalty of perjury that my \$1M but less than \$5M allowing me the 8% false or misleading information about this fa	business prior year revenue starting January 1 ending December 31 is more than preference discount on this bid or proposal. I understand that knowingly giving act constitutes a crime.
☐ I declare under penalty of perjury that my \$5M allowing me the 7% preference discou information about this fact constitutes a crir	business prior year revenue starting January 1 ending December 31 is more than int on this bid or proposal. I understand that knowingly giving false or misleading ne.
Department declaring under penalty of pecember 31, the following to be true a "In conjunction with this procur Veteran Business Preference/Resident V 1978, when awarded a contract which w State Purchasing Division of the Genera the report the award amount as a purchathe case may be. "I understand that knowingly g	eports, to the State Purchasing Division of the General Services perjury that during the last calendar year starting January 1 and ending on accurate: rement and the requirements of this business' application for a Resident Veteran Contractor Preference under Sections 13-1-21 or 13-1-22 NMSA vas on the basis of having such veterans preference, I agree to report to the I Services Department the awarded amount involved. I will indicate in see from a public body or as a public works contract from a public body as giving false or misleading information on this report constitutes a crime." is statement is true to the best of my knowledge. I understand that giving terial fact regarding this matter constitutes a crime.
(Signature of Business Representative)*	(Date)
*Must be an authorized signatory for the Bus	
- ·	
the representations made in checking the box	xes constitutes a material representation by the business that is subject to protest

and may result in denial of an award or unaward of the procurement involved if the statements are proven to be incorrect.

ITEMS A and B: CITY OF FARMINGTON ELECTRIC UTILITY L:\ENGSTAFF\WRDFILES\SPECS\LineRecloser.doc SPECIFICATION REVISION NO.:__7_ Page 1 of 6 NAME OF MATERIAL OR DEVICE: Electronically Controlled Line Recloser REVISION DATE: September 10, 2013 APPROVED: /s/Luwil Aligarbes Engineer DATE: November 10, 2000 APPROVED BY STANDARDS COMMITTEE

1. Standards:

The equipment shall meet the performance requirements of and be designed, manufactured, and tested in accordance with the latest applicable standards of:

- a. American National Standards Institute (ANSI)
- b. Institute of Electrical and Electronics Engineers (IEEE)
- c. National Electrical Manufacturers Association (NEMA)

2. Qualifications of Bidders:

- a. Manufacturers approved by the Electric Utility Standards Committee of the City of Farmington are allowed to bid to supply equipment. Approved Manufacturers are as follows:
 - 1. Cooper Power Systems for the NOVA-TS Recloser with Form 6 Control
 - 2. Cooper Power Systems for the NOVA-STS Recloser with Form 6 Control
 - 3. Cooper Power Systems for the NOVA 15kV 3-Phase with Form 6 Control
- b. Manufacturers shall have service facilities that have been established for 5 years or more which will be available for and capable of servicing the equipment, if so requested by the owner.

3. Ratings:

- a. Maximum operating voltage: 15.5kV.
- b. Phases: 3

c. Frequency: 60 Hertz

d. Interrupting medium: Vacuum

e. Insulating medium: Solid Dielectric. No oil or SF₆ gas.

f. Interrupting capacity: Minimum 12000 Amps rms. symmetrical

g. Continuous current: 560 Amps or greater

h. Basic Impulse Level: 110kV

i. Temperature range: -30° C to $+70^{\circ}$ C

4. Application:

a. Recloser will be installed on a three-phase distribution feeder line, mounted to customer's wooden pole. A microprocessor based electronic protection and control unit shall be mounted in a cabinet that is connected to the recloser by a control cable.

b. Recloser shall be capable of operating in an independent automatic mode and also as part of the customer's existing Supervisory Control and Data Acquisition (SCADA) system through installation of the customer's SCADA RTU and radio communication equipment into the control cabinet. Customer may also elect to interrogate the control directly, without RTU.

c. Operating voltage: 7.97/13.8KV Grounded Wye

d. Operating altitude: 6,400 feet

e. Ambient temperature range: -30° C to +40° C

5. Operating Mechanism:

a. Low voltage solenoids or magnetic actuators.

b. Design shall permit multiple operations after loss of primary control voltage in order to allow dead line operation.

c. Operating mechanism shall provide single-phase tripping and three-phase lockout.

6. Bushings:

- a. Porcelain or polymer, 17 inch creepage.
- b. Eyebolt terminals that will accommodate 4/0-1000 MCM conductor.

7. <u>Bushing Current Transformers</u>:

Supply sensing current transformers to supply current for the microprocessor control. The current sensors shall be designed not to saturate up to the full interrupting rating of the unit.

8. Additional Requirements-Recloser:

- a. Hook stick operated mechanical trip lever.
- b. Individual phase position indicators, highly visible from the ground.

9. Mounting Frames:

- a. Provide galvanized pole mounting frame. Supply six polymer distribution class arresters and brackets for the mounting of source and load side surge arresters.
- b. Provide control cabinet mounting hardware suitable for wooden pole mounting.

10. Control Cabinet:

- a. The control cabinet shall house the microprocessor-based electronic controls, the SCADA interface, and the backup battery and charger. Provision shall be made to mount and easily wire the customer's radio and SCADA RTU. The battery/charger system shall be sized to provide power to operate the control, recloser, SCADA RTU and communication system. Customer supplied source for battery charger will be 120 VAC. The control metering voltage inputs will be supplied from customer's VTs.
- b. The control cabinet shall be designed for mounting near eye level. Supply a weatherproof steel cabinet with a rugged latching handle designed to accommodate a utility grade padlock. Provide 30 feet of control cable.
- c. Provide the following line protection functions:
 - 1. Phase time overcurrent
 - 2. Phase instantaneous overcurrent
 - 3. Ground time overcurrent
 - Ground instantaneous overcurrent
 - 5. Select between single phase trip, 3 phase lockout and 3 phase trip, 3 phase lockout
 - 6. Sequence coordination
 - 7. 0-4 shot reclosing
 - 8. Built-in curve selection of traditional recloser curves and ANSI time-overcurrent curves. Each curve shall be capable of modification by being shifted vertically (time delay), horizontally (pickup multiplier or incremental pickup range), and definite time adders.
 - 9. Hot line tag
- d. The control shall provide the following local functions:

- 1. Trip/Close
- 2. Supervisory control disable
- 3. Alternate minimum trip
- 4. Reclosing cut off
- 5. Ground trip block
- 6. Battery load test
- 7. Voltage sensing
- e. The control shall provide, at minimum, the following local indication:
 - 1. Recloser status (open/closed)
 - 2. Fault targets Phase A, B, C, Neutral
 - 3. Control malfunction
 - 4. Fault readings at lockout
 - 5. Date/Time of fault
 - 6. Control lockout
 - 7. Control input power failure
 - 8. Battery status
 - 9. Ground trip block status
 - 10. Reclosing enabled status
 - 11. Auxiliary Status 52a contact for each pole for customer use
- f. The microprocessor control/relay shall also provide the following:
 - 1. Liquid Crystal Display with contrast adjustment
 - 2. Digital read out of instantaneous metered quantities.
 - 3. Demand values for Amperes
 - 4. Event record
 - 5. Calendar clock
 - 6. Duty cycle monitor
 - 7. Operations counter
- g. The control shall be capable of the following SCADA control functions from customer supplied RTU:
 - 1. Trip/Lockout
 - 2. Close
 - 3. Non reclosing (SCADA control of reclosing cutoff shall conform to requirements of Rule 442.E.b.2 of the C2-2002 National Electric Safety Code.)
 - 4. Ground trip block
 - 5. Alternate minimum trip
- h. The control shall provide the following contact indication for customer's SCADA:
 - 1. Recloser Open-Close status
 - 2. Non-reclosing status
 - 3. Ground trip block status
 - 4. Alternate minimum trip status
 - 5. Supervisory control switch status

- 6. Control lockout status
- 7. Phase fault target status
- 8. Control malfunction status
- 9. Input power status
- i. The control shall provide, at minimum, the following voltage, current, and power metering, available through the LCD on the control the RS 232 full-time SCADA port, or the serial communications port:
 - 1. Instantaneous phase and neutral currents
 - 2. Demand phase and neutral currents
 - 3. Instantaneous phase-to-phase and phase-to neutral voltages
 - 4. Instantaneous single phase and 3 phase Watts
 - 5. Demand single phase and 3 phase Watts
 - 6. Instantaneous single phase and 3 phase VARS
 - 7. Demand single phase and 3 phase VARS
- j. Micro Processor Control Programming
 - 1. Recloser settings shall be accomplished through the use of on-board manual keypad entry and by a customer-owned personal computer.
 - Provide an RS 232C communications port to provide temporary personal computer access for downloading of data or settings and uploading of setting data. Supply the control interface software program.
 - 3. Provide a dedicated RS 232 SCADA communication port, configured for DNP 3.0, Level 3.0, for uninterrupted communication. Provide customer enabled/disabled RTS/CTS control for direct connection to a radio.
 - 4. The microprocessor control/relay shall be equipped with a security system which limits customer personnel access to control functions appropriate to their responsibilities while prohibiting unauthorized access to programming and operating parameters.

11. Drawings and Instructions:

The manufacturer shall provide the following listed final documents:

- a. Final drawings including outline drawing showing general arrangement, weight, and dimensions. Electrical schematic diagrams and connection diagrams. These shall be submitted in .dwg format.
- b. Four sets of instruction manuals.

12. Additional Data to Accompany Bid:

- a. Shipment date
- b. Electrical ratings

- c. Outline drawing including dimensions and weights
- d. Typical electrical schematics for control and connection
- e. Catalog sheets and a complete description of the equipment to be supplied
- f. Clear statement of all exceptions to these specifications
- g. Full description of manufacturer's warranty
- h. Recommended spare parts and prices (prices of parts shall be quoted separately from equipment base bid)

13. <u>Inventory Item</u>:

This specification applies to the following City of Farmington Inventory Item Numbers:

a. Warehouse stock number 285 112 1300 RECLOSER, ELECTRONIC, 3 PH. only.

CITY OF FARMINGTON - BID SCHEDULE

BID: RECLOSERS 14-100982 OPENING DATE: OCTOBER 23, 2013 @ 2:00 PM

	EST ORDER			MANUFACTURE		
ITEM	QTY	UOM	DESCRIPTION	R & M/N	UNIT COST	TOTAL COST
A.	17	Each	NOVA 15A, 3-PHASE RECLOSER, 15KV - PER BID SPECIFICATIONS			
В.	6	Each	NOVA SINGLE-TRIP-SINGLE RECLOSER, 15KV - PER BID SPECIFICATIONS			
	TOTAL BID:				\$	

TYPE OF BID: ALL OR NONE BID

ALTERNATE AWARD EVALUATION: Whichever deems in the best interest of the City, the City reserves the right to award the bid in total, by groups of items on the basis of individual items or any combination of these; or as otherwise specified in the bid terms unless the bidder qualifies his bid by specific limitations.

Only the City is in a position to determine its own best interest, therefore the City shall be the sole judge in determining the award analysis. Its decision shall be final.

If qualifying a bid, the Bidder must clearly state so in their bid response on a separate sheet of paper title "Exceptions to Specifications." The restriction(s) or qualifier(s) must be clearly identified. If the Bidder's pricing is subject to change if the City elects to award a category bid based on group of items or line items; or any part of the Bidder's bid is dependent upon receiving a complete category award, then the Bidder's bid response must identify these restrictions. Exemptions must indicate which items or which categories they are bidding on an "all or none" basis, they must indicate if they are qualifying their bid based on a minimum threshold dollar award limit, or any other type exemption. Bid responses with exceptions may result in rejection of the whole bid or partial line items within the bid.

EXCEPTIONS TO SPECIFICATIONS: Pursuant to Article 5 of this bid, any exceptions taken shall be noted on Bidder's business letterhead and submitted with this bid.

REQUIRED UNIT OF MEASURE: Bidder must correctly extend their bid line items based on the UOM (Unit of Measure) packaging indicated for bid comparison purposes. Bidders submitting their bid with no extended pricing or total may be considered non-responsive.

Bids submitted are to be quoted and invoiced as per UOM listed on each line item. No other UOM will be accepted and the City reserves the right to reject the category or line item not quoted or invoiced as requested.

ESTIMATED ORDER QUANTITIES: The City anticipates ordering in quantities lot sizes as shown on the Bid Schedule above. If the Bidder's pricing is subject to change if the City elects to order less than or more than the quantity lot size identified, the Bidder must clearly identify on a separate sheet of paper titled "Order Quantity Price Schedu the quantity levels where different price structures are applied.

PURCHASE ORDER VALIDITY PERIOD AND TERM EXTENSIONS: The City reserves the right to extend this bid for a period of one (1) year after issuance of a purchase order if mutually agreed to between the Bidder and the City.

DELIVERY DATE:

The City of Farmington reserves the right to award to the Bidder with a substantial shorter lead time, if deems to be in the best interest of the City. Page 16

DELIVERY ACCESS - HOURS OF WAREHOUSE OPERATION: All Deliveries to the Municipal Operations Center Warehouse Location, 101 N. Browning Parkway, must be made between the hours of 8:00AM and 3:30PM (MST), Monday through Friday, excluding weekends & Holidays. The security gate system is unavailable outside the regular MOC business hours.

EXISTING PRICE AGREEMENT

The City reserves the right to allow other New Mexico City, County, or State Agencies to procure items listed above on this Bid during the term of this Price Agreement with the successful bidder. All items or services are estimated quantities and shall meet the same standards and specifications as specified in this bid.

ITEMS IN BID TO BE USED IN A CONSTRUCTION PROJECT

Please note: The item(s) listed above in this Bid will become an ingredient or component part of a construction project and subject to the gross receipts tax.

TAX IDENTIFICATION

The City of Farmington issues Type 9 Non-Taxable Transaction Certificates (NTTC's) and is tax exempt for purchases of TANGIBLE PERSONAL PROPERTY ONLY. These certificates may not be used to purchase construction materials to be used in construction projects. To receive a NTTC please contact Accounts Payable at 505-599-1213. Determinations for applicable tax classification should be made by the Taxation and Revenue Department or your tax consultant. Please call 505-325-5049 for the Farmington branch or 505-827-0700 for the State office.

I, the official signature on the Bid Submittal Form, hereby swear I am duly authorized to legally bind the prospective bidder to this estimate of taxes certification. Hereby as Bidder, I certify that Bidder has made a diligent effort to ascertain and identify all taxes which will be charged to the City against this Bid and that, in Bidder's opinion, the taxes identified below and the amount shown for all of the taxes which will be charged in addition to the bid total shown on the above Bid Proposal Form. I affirm Bidder will submit payment on the State of New Mexico periodic CRS-1 report for actual taxes due, as estimated below, to the State of New Mexico Taxation and Revenue Department, accurately identifying the appropriate governmental entity to receive credit for taxes paid.

I am fully aware that this certification is made under penalty of perjury under the laws of the State of New Mexico.

			Bidder's Initials Below Certify Compliance
New Mexico Gross Receipts	%	\$	
Compensating Tax	%	\$	
Other	%	\$	(Bidder - Initial Here)
have a financial interest in th	No Select, Initial	Yes & Complete below if app	ing Officer if any employee(s) of the requesting department or the Central Purchasing Division

TENTATIVE COUNCIL APPROVAL SCHEDULE

Tentative Council Approval Date is scheduled for November 5, 2013, a letter of award and copy of the Abstract will be sent to the participating vendors as soon as possible after Council approval. This information will not be released over the telephone, but may be reviewed in person after authorization has been obtained through the City Clerk's office.