

REQUISITION

ROCKDALE COUNTY, GEORGIA

DISTRIBUTED

File to Procurement

P.O.#

AUG 10 2016

VENDOR #

VENDOR NEGOTIATION # ATK1-150801-7

VENDOR QUOTATIONS REQUIREMENTS		VENDOR #1		VENDOR #2		VENDOR #3	
15,000.00 and OVER - SEALED BIDS		2,500.00 TO 14,999.99 - THREE WRITTEN QUOTES		0.00 TO 2499.99 - ONE PHONE QUOTE			
Department/Account	Quantity	Unit	Description	UNIT EXTENDED	EXTENDED	UNIT	EXTENDED
505-4430-521300-44	1	I	Location - MCC-1 P-8-11 Filter MP3000 Relay Scope of Work: Eaton will provide the necessary field service personnel, tools, materials and approved test equipment to inspect the existing MP3000 relay and witness startup events to capture the startup current of the motor in order to adjust the protection settings accordingly. In addition, Eaton will perform secondary current injection testing to verify the overcurrent parameter functions of the relay.	2,130.00	2,130.00		
505-4430-521300-44	1	I	Locations - MCC-1 4160V Cutler Hammer Ampgard, MCC-2 4160V Cutler Hammer Ampgard, MCC-3 480V Cutler Hammer Freedom, CPX9000 P-8-3 & P-8-5 480V, 700HP and CPX9000 P-8-1 480V 400HP Scope of Work: Preventative Maintenance - Eaton will provide the necessary field service personnel, tools, materials and approved test equipment to perform inspection, cleaning, insulation resistance testing of main bus & PTs and inspection of surge arrestors and capacitors. Inspection, cleaning, and secondary current injection test to verify 50/51 hi-pot testing. Inspection, cleaning, vacuum bottle integrity testing and hi-pot testing. Inspection, cleaning, test main bus insulation resistance. Inspection, cleaning, & test drive	16,810.00	16,810.00		
Attached Sole Source Form							
PLEASE SEND PO TO Carol Arnold							
TOTAL				18,940.00	0.00		0.00
Recommended Source of Supply:		Eaton Electrical Engineering Services & Systems		Date Prepared: 8/3/2016			
7000 Highlands Pkwy SE, Suite 101		Smyrna, GA 30082		Requesting Department: WATER TREATMENT PLANT			
CONTACT: Cust. Service		PHONE: (915)256-0907		Elected Official: <i>[Signature]</i>		Date Required:	
Purchasing Officer Use Only Below Line		Approved for preparation of Purchase Order		Accounting Officer		Date	
Award to be made to:		Eaton Electrical Engineering Services					
(If not low quotation, indicate reason):		8/22/16 <i>[Signature]</i>					

2016-335



Powering Business Worldwide

Eaton
Electrical Engineering Services & Systems
7000 Highlands Pkwy SE
Suite 101
Smyrna, GA. 30082
tel: 770-365-3119
fax: 770-433-0627

PROPOSAL

August 1, 2016

Rockdale County
Water Treatment Plant
3090 Gees Mill Rd. NE
Conyers, GA 30013

Attention: Mr. Hugh Pannell (770-278-7470)

Subject: Preventative Maintenance Services
Eaton Negotiation Number ATK1-160801-7

Thank you for considering Eaton's Electrical Engineering Services & Systems (E-ESS) for your electrical solutions requirements. This proposal outlines our proposed scope of work at your Conyers, GA facility.

SCOPE OF WORK

Eaton Corporation will provide the necessary field service personnel, tools, materials and approved test equipment to complete the following tasks:

1. MCC-1 P-8-11 FILTER MP3000 Relay - Eaton will inspect the existing MP3000 relay and witness startup events to capture the startup current of the motor in order to adjust the protection settings accordingly. In addition, Eaton will perform secondary current injection testing to verify the overcurrent parameter functions of the relay.
2. Preventative Maintenance – Eaton will perform inspections, testing and cleaning on the following equipment:

Location	Gear Type	Scope Description	Qty
MCC-1 4160V Cutler-Hammer Ampgard	Ampgard lineup	Inspection, cleaning, insulation resistance testing of main bus & PTs and inspection of surge arrestors and capacitors	1
	MP-3000 Relays, DT3000 Relay	Inspection, cleaning, and secondary current injection test to verify 50/51 functions.	3
	400A SL Contactors	Inspection, cleaning, vacuum bottle integrity testing and hi-pot testing	4
	600A Main MV Switch	Inspection, cleaning, and hi-pot testing	1

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MCC-2 4160V Cutler- Hammer Ampgard	Ampgard lineup	Inspection, cleaning, insulation resistance testing of main bus & PTs and inspection of surge arrestors and capacitors	1
	600A Main MV Switch	Inspection, cleaning, and hi-pot testing	1
	Feeder MV Switches	Inspection, cleaning, and hi-pot testing	3
MCC-3 480V Cutler- Hammer Freedom	MCC Sections	Inspection, cleaning, test main bus insulation resistance	6
	2000A Main Breaker w/ DT310RMS LSIG	Inspection, cleaning, & test drive	1
CPX9000	P-8-3 & P-8-5 480V, 700HP	Inspection, cleaning, & test drive	1
CPX9000	P-8-1, 480V 400HP	Inspection, cleaning, & test drive	2

PRICING

1. MCC-1 P-8-11 FILTER MP3000 Relay Service.....\$2,130.00 Net
2. MCC-1, MCC-2, MCC-3, & CPX9000 Drives PM Service.....\$16,810.00 Net

TOTAL - \$18,940.00 Net

Labor is priced at straight time Monday-Friday 8am-5pm

ORDER ENTRY

Please place all orders for the above service to the following:

- Renee Clark-Ludwig
(O) 678-309-4240 (E) DebraRClark@Eaton.com
7000 Highlands Parkway SE Suite 101
Smyrna, GA 30082

TERMS AND CONDITIONS

Any order arising out of this offer will be governed by the conditions contained in Eaton Selling Policy 25-000 dated November 1, 2008. Taxes, if applicable, not included. This offer is valid for 30 days unless otherwise extended, modified or withdrawn, in writing, by Eaton. Payments are due and payable net within thirty (30) days from the date of each invoice.

- Any significant delays due to adverse weather will result in additional charges.
- Stand-by power needs, if deemed necessary, are not included.
- Drawings are not included with the price.
- Applicable fees for outage related costs including stand-by and re-connect services are not included.
- Eaton will correct minor deficiencies. Minor deficiencies are those that require no special tools, parts, etc. and take a minimal amount of time to perform. Repair labor beyond this, and all material, will be considered as extra.
- Replacement parts and additional labor required to perform any repairs necessary for proper operation of your equipment will be accomplished exclusively at your written direction and authorization.

- Delays beyond the control of Eaton, extras and authorized additional work will be charged in accordance with the Eaton's Electrical Engineering Services & Systems 2015 Price List PL02700001E.
- Delay time: If Eaton arrives onsite to perform scheduled work and the work is cancelled, Eaton will charge for four (4) hours minimum per person, plus travel expenses if no replacement work can be scheduled. If sufficient notice (72 hours) is given to Eaton when canceling scheduled work, no additional charge will apply.
- Equipment scheduled for service during the plant outages is based on the following outage dates: TBD.
- A single mobilization is included in the price to complete Line Item 1 and a single mobilization is included in the price to complete Line Item 2. Additional mobilizations due to customer delays or rescheduling may require a change order.

SAFETY TRAINING OF EATON FIELD PERSONNEL:

- All Eaton field personnel received training to comply with OSHA CFR1910 Electrical Safety Standard, which sets minimum safety rules and practices for the design, operation, and maintenance of high-voltage systems (over 600 volts). Safety standards are in place to meet or exceed NFPA 70E requirements, and appropriate Personal Protective Equipment (PPE) have been issued.
- The customer is responsible to ensure that any supporting plant personnel have also be fully trained in electrical safety and provided with the appropriate personnel protective equipment.

SAFETY ARC-FLASH PROVISIONAL STATEMENT:

The customer supplied Arc-Flash study along with their labeled equipment to meet NFPA requirements will be used to determine the Personal Protective Equipment (PPE) required to perform the work required for this proposal. When a current study and labeling is not available, the time required to determine the proper PPE will be at the current rate per hour, unless included within the Eaton scope of work. Eaton will not perform work activities in situations where the proper level of PPE is not practical. At no time will work be performed when the arc-flash exposure levels are above 40 cal/cm².

DIVISION OF RESPONSIBILITY

Eaton Responsibilities:

- Perform necessary adjustments, which are required to bring equipment to satisfactory operating condition, or review these with you prior to commencement of any additional work.
- Obtain authorization in advance before performing any additional work. In these cases, Eaton will provide services on a time and material basis.
- Supply and install safety locks, as required, and in accordance with the facility safety guidelines.
- Furnish test engineers, field technicians, support personnel, tools, equipment, materials, supplies and transportation as required.
- Perform voltage test and install necessary circuit / equipment safety grounds to assure safe working conditions

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- Upon completion of work:
 - 1) Eaton will remove safety grounds installed by Eaton
 - 2) Eaton will remove safety locks installed by Eaton.

Customer Will Be Responsible For The Following:

- Providing free access to equipment within their facility.
- Ensuring that all equipment is available upon arrival of Eaton personnel, including removal from service to permit continuous progression of work. Delay time in making equipment available will be treated as an extra.
- Identifying site contact for this project.
- Coordinating all outages and perform all switching to de-energize and isolate equipment to be serviced.
- Ensuring that all circuits to be de-energized have been clearly identified and that all plant personnel and downstream operations are aware of the required outage date, time and duration. This includes maintaining power to vital or necessary plant equipment and processes during the performance of this scope of work.
- Supplying a complete set of electrical plans, including the plant single-line diagram, specifications, and any pertinent change orders to Eaton before commencement of work.
- Supply a suitable and stable source of power for operation of test and motorized equipment at each test site when normal power is removed or authorize Eaton to obtain a source of auxiliary power, Eaton shall specify requirements. Any non-standard generators rentals will result in a price adder to this proposal.

Please reference negotiation number **ATK1-160801-7** on any purchase order issued in response to this proposal.

It is a privilege to have this opportunity to be of service. If there are any further questions or needs, please contact me at (770) 365-3119 or by email at LuayaFHalig@eaton.com. Eaton's Electrical Engineering Services & Systems looks forward to working with Anheuser-Busch.

Sincerely,

Luaya F. Halig

Luaya F. Halig, PE
Service Sales Specialist
(770) 365-3119
Email: LuayaFHalig@eaton.com

Eaton's Electrical Engineering Services & Systems

<http://www.eaton.com/eess>

24-Hour Emergency Service: 1-800-498-2678

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