

**WALK ON #1**

**Lee County Board Of County Commissioners  
Agenda Item Summary**

**Blue Sheet No. 20060273**

**1. ACTION REQUESTED/PURPOSE:**

approve award of formal quotation (RFP B&R 2661-SE 205) and issuance of a purchase order to Square-D, the low priced proposer meeting all specification requirements for the 480 Volt Motor Control Centers (MCCs) for a not to exceed amount of \$303,055.00 plus an allowance of \$16,000.00 for adjustments for motor size changes and field technical services if requested by County.

**2. WHAT ACTION ACCOMPLISHES:**

Provides the necessary 480 volt motor control centers (MCC) for the Waste To Energy Expansion Project.

**3. MANAGEMENT RECOMMENDATION:** Staff recommends approval of this request.

**4. Departmental Category: 8**

**WO #1**

**5. Meeting Date: March 14, 2006**

**6. Agenda:**

- Consent
- Administrative
- Appeals
- Public
- Walk-On

**7. Requirement/Purpose: (specify)**

- Statute
- Ordinance
- Admin. Code **4-1**
- Other

**8. Request Initiated:**

Commissioner \_\_\_\_\_  
 Department Public Works  
 Division Solid Waste  
 By: Lindsey J. Sampson

*Lindsey J. Sampson*

**9. Background:**

Sealed quotes were received by the County's design engineer, Burns & Roe, on behalf of the Solid Waste Division on 10/8/2005. On that date three responses were received. Significant changes were requested to be considered and repriced by the two competitive proposers on 2/1/2006. Updated proposals were received from these two proposers, Square-D and Eaton/Cutler Hammer. After review and conformance for technical and commercial requirements of the final required equipment, recommendation was made to award to the low-priced proposer meeting all specification requirements. Note, the allowance referred to in the motion includes an estimate that certain motor starters may need to be revised pending final motor sizing from other equipment vendors (prior to final fabrication of the MCCs).

Funds will be made available from bond proceeds in account string: 200923 40102.506540

Attachments: Burns & Roe bid evaluation dated 2/27/06  
 Bid Abstract

**10. Review for Scheduling:**

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services				County Manager/P.W. Director
					Analyst	Risk	Grants	Other	
<i>J. J. ...</i> 3-7-06	NA per J.S. ...	NA.		<i>S. Jean ...</i> 3-7-06	<i>...</i> 3-7-06	<i>...</i> 3-7-06	<i>...</i> 3-7-06	<i>...</i> 3-7-06	<i>J. J. ...</i> 3-7-06

**11. Commission Action:**

- Approved
- Deferred
- Denied
- Other

RECEIVED BY  
 COUNTY ADMIN;  
 3-7-06  
 2 p.m.  
 COUNTY ADMIN  
 FORWARDED TO:  
 3/9/06  
 11:30

Rec. by CoAtty  
 Date: 3/7/06  
 Time: 10:10am  
 Forwarded To:  
 3/7 1:20 pm

**Kirton, Kim**

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**From:** Sampson, Lindsey J.  
**Sent:** Tuesday, March 07, 2006 7:05 PM  
**To:** Kirton, Kim  
**Cc:** Lavender, James H.; Covert, Scott S.; Outlaw, Maria L.  
**Subject:** Walk On BS No. 20060273, for 3/14/06

Kim,

The subject bluesheet is requested as a walk-on item at the March 14<sup>th</sup> Board meeting because it is critical that this order be executed quickly in order to maintain scheduled deliver of this equipment.

This is a significant order of specialized electrical equipment for the WTE Expansion Project. The technical requirements for this equipment have had to go through several iterations due to engineering revisions. Therefore an expedited approval/order process is required in order to avoid future schedule problems during construction.

Lindsey J. Sampson  
Lee County Solid Waste Division  
sampsolj@leegov.com  
Ph 239-338-3302  
Fax 239-461-5871

**BID ABSTRACT**  
**480V Motor Control Centers (MCC's)**

Burns and Roe Enterprises, Inc.

W/O: 2661 Lee County Expansion Project  
2661-SE205 480V MCC's

BUDGET: \$

ITEM	QTY	UNIT	DESCRIPTION	1	2	3	4	5
				Square D	Eaton	Rockwell Automation		
1	LOT	ea	MCC's 21, 22, 25, 27: Boiler MCC's 23, 24, 26 with building complete:	98,000 \$	112,285.00 \$	140,966.00 \$		
2	LOT	ea		170,000 \$	157,923.00 \$	192,993.00 \$		
3	Lot	ea	Install DCS I/O Cabinets and Cables in Bldg: Base Bid	7,000 \$ 275,000 \$	16,560.00 \$ 286,768.00 \$	20,217.00 \$ 354,176.00 \$		
			Delete DCS I/O Cabinets and Cables in Bldg:	(7,000) 268,000	(16,560.00) 270,208.00	(20,217.00) 333,959.00		
			Add: MCC-APC 1-1 & 2-1, enlarge Bldg Enclosure, Smoke Detectors	35,825	32,780.00	n/a		
			(2) 400A breakers w/enclosure for Diesel Generator:	4,985	8,400.00	n/a		
			Technical Adjustment meet Spec. Quantities of Components: MCC -26 w/800A Rating	(2,095) (11,995) includ	(2,957.00) (450.00)			
			(3) Current transducers (Circ Water Pumps) Recommended Award Price	297,715 \$ 2,340 300,055 303,055	307,981.00			
			Field Service Rate Drawings Submitted Delivery of Building with MCC's installed	\$1350/day incld exp 5 wks ARO 18-20 wks ADA	\$1200/day plus exp. 7 wks ARO 12 wks ADA			
			PAYMENT TERMS F.O.B. Delivered DESTINATION	100% net 30 yes	100% net 30 yes			
			TECHNICALLY ACCEPTABLE	yes	yes	no		
AWARD RECOMMENDATION:				PREPARED BY: D'Amico				



February 27, 2006

Deleted: April 13, 2005

**LEE COUNTY  
WTE EXPANSION PROJECT  
FORT MYERS, FLORIDA  
RFP 2661-SE-205  
MOTOR CONTROL CENTERS (MCC)  
BID EVALUATION**

On October 8, 2005, Burns and Roe Enterprises, acting on behalf of Lee County, issued Request for Proposal No. (RFP) 2661-SE-205 for the supply of MCC's to the following pre-approved bidders: Square D; Eaton Cutler Hammer, Rockwell. All bidders responded to the RFP and submitted a proposal.

The bids were opened and recorded on the Proposal Opening Form included as Attachment 1.

Covanta was provided copies of the three (3) bids.

After an initial review, Rockwell Automation (RA) was determined to be non-competitive and no further technical or commercial evaluations were performed on those bidders. The two (2) remaining proposals as submitted by Square D and Eaton were technically reviewed in detail. Adjustments to the proposals were required to equalize both to the technical specification as issued in the RFP. In addition, project requirements changed and both Square D and Eaton submitted updated proposals.

Significant changes were requested of both bidders on February 1, 2006 (see attached email with drawings attached). The changes include two (2) new MCC's (APC-1.1 and 2.1); increase size of the Walk-in Enclosure; and two (2) 400A frame circuit breakers with individual enclosures. Obtaining pricing for these changes prior to award and in competitive mode was determined to be beneficial to the final purchase price. Square D and Eaton updated proposals to include this equipment.

This evaluation includes the equipment for unitizing the Carbon Injection System and spare space, starters, and breakers for the Dolometric Lime System.

Both Square D and Eaton C-H are technically acceptable.

Bid abstract is attached identifying the pricing of proposals received and adjustments made during the bid evaluation period.

**RECOMMENDATION:**

**Square D's proposal is low. However the terms and conditions are not final. Square D based its original proposal on its own T&C's. Square D was requested to and submitted a mark-up of the RFP's Purchase Conditions. The mark-up was discussed and resulted in the attached mark-up version. The wording of the Warranty Article has not been**

accepted and requires further review by Covanta. There may be an added cost for Square D to accept Warranty.

**BID EVALUATION 2661-SE-205 "MCC's" (cont'd...)**

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Upon obtaining acceptable terms with Square D, award of the Purchase Order for the MCC's is to Square D. Current evaluated price is \$300,055 FOB Jobsite, Freight Prepaid and Allowed and excludes cost of Bonds and Sales or Use Tax.

As final motor information for all equipment has not been received and/or finalized, changes (although minor) in the MCC components is anticipated. It is recommended that a 2% contingency (\$6,000) factor be included when awarding the Purchase Order. Total award price is \$306,055.

**Breakdown of Pricing:**

Base Price, as bid	\$275,000
Delete DCS I/O Cables	( 7,000)
Add MCC APC1-1 and 2-1	35,825
Add (2) 400A Breakers (Diesel Gen)	4,985
Quantities per Specification	( 11,095)
(3) Current Transformers for Circulating Water Pumps	<u>2,340</u>
Evaluated Price:	<u>\$300,055</u>
Contingency Factor	<u>6,000</u>
Recommended Award Price	<u><del>\$306,055</del></u>

SEE E-MAIL FROM DON D'AMICO of 3/6/06  
 303,055 - (INCLUDES 5 ADD'L STACK SECTIONS)  
 ← ADJUSTMENT FOR MOTOR SIZE CHANGES IF REQUESTED.  
 10,000 - COUNTY DIRECTED FIELD SERVICE.

AWARD \$ 303,055<sup>00</sup> + Allowance of \$16,000.00

Rockwell Automation...initial proposal was \$354,176 greater than 28% of the low unevaluated proposal. Rockwell was considered non-competitive and would increase as additional MCC's were added. No further consideration was given Rockwell's proposal.

*[Signature]*  
3/6/06

Eaton Cutler Hammer...evaluated proposal is approximately 3% higher than Square D. The T&C's would be as negotiated for previous Eaton procurement. Payment terms are same as Square D. Delivery is 12 weeks after approval drawings are received by Eaton.

Square D...Proposals were updated several times as new information was be submitted and obtained from other equipment suppliers. On February 2, 2006 set of drawings were issued to Square D requesting pricing. This evaluation includes all requirements of those drawings. Evaluated proposal is approximately 3% lower the Eaton.

-Submittal of drawings for approval: within five (5) weeks after receipt of order.

LEE COUNTY RESOURCE FACILITY  
WASTE TO ENERGY EXPANSION PROJECT

-Delivery: complete delivery of MCC's installed in outdoor enclosure is 18-20 weeks after Square D receives drawing approval.

- Payment Terms: 100% net 30 days
- Price includes freight to jobsite.
- Terms are FOB Jobsite, prepaid and allowed

Note: Final Purchase Terms and Conditions requires review by Covanta. Attached are the terms with requested Square D modifications.

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**Sampson, Lindsey J.**

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**From:** Don D'Amico [ddamico@roe.com]  
**Sent:** Monday, March 06, 2006 6:01 PM  
**To:** Sampson, Lindsey J.  
**Cc:** pyoung@CovantaEnergy.com; Glenn Fontana  
**Subject:** Re: Fwd: LEE COUNTY - 480V MCC PROCUREMENT

**Attachments:** Re: Fwd: LEE COUNTY - 480V MCC PROCUREMENT



Re: Fwd: LEE  
COUNTY - 480V MCC.

Lindsey/Peter,

Attached is email from Square D. It is in response to email I sent Sq D looking for them to concur with pricing prior to award. Burns and Roe engineers deleted 9 stacks (~\$5400) in the quantity adjustment number of -\$11,095. Sq D does not agree with deleting 9. Based on size of components, Sq D takeoff requires only 4 sections be deleted, adding 5 sections to scope. Unit price per stack is \$600 x 5 = \$3,000. This increases the award price from \$300,095 to \$303,095. It is still recommended that 2% contingency dollars (\$6,000) be added to the award. Total award is \$309,095.

Any questions, pls advise,

Don

## Sampson, Lindsey J.

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**From:** lou.mazzei@us.schneider-electric.com  
**Sent:** Wednesday, March 01, 2006 4:12 PM  
**To:** Don D'Amico  
**Subject:** Re: Fwd: LEE COUNTY - 480V MCC PROCUREMENT

Don-I finished checking the layout and the only difference I can see is that our layouts reduce the number of sections by (4) not by (9). We need more sections than shown on the latest drawings because several types of unit sizes are actually larger than Burns & Roe had figured.

So based on this, the deduct is \$ 8,095. instead of \$ 11,095. Otherwise it looks good. The Current Adjusted Bid Price would be \$ 303,055. Net . See below.

2. Award..will be by Lee County. Needs to be approved by County Board. Anticipate award by mid March. However would like price validity through end of March. Agree? OK

3. Drawings submitted 5 weeks ARO. Are these all drawings...MCC's and Building? YES

4. Delivery: Quoted 12-14 wks after release for construction. Assume this means MCC's delivered to Power Zone Center 12-14 wks after approved MCC drawings are received by Sq D. Then delivery of Building with MCC's installed is 6 weeks thereafter. Please confirm. YES

5. Lee County requires approval of the modifications to the T&C's you sent on 1/5/06. Warranty is one area I want to discuss. Lee County looking for 18 months of operation or 24 months from delivery whichever occurs first. Anticipate maximum 6 months from delivery to install, test, put in operation. Thus six month difference between delivery to operation with maximum end date in place. Not looking for addition operation time warranty. Sq D includes 18 months from shipment which would require extending by 6 months to 24 months from delivery.

Please advise if SQ D accepts with out additional cost. We had a provision in our quote to extend the standard warranty by one (1) year with an 1% adder.

"Don D'Amico"  
<ddamico@roe.com>

To 02/27/2006 12:15 PM <lou.mazzei@us.schneider-electric.com>  
cc <pyoung@covantaenergy.com>, "Valentino  
Vila" <vvila@roe.com>  
Subject Fwd: LEE COUNTY - 480V MCC PROCUREMENT

Lou,  
Attached is email from Val. Note the date of drawings to Square D is 2/2/06 and the \$-8405



is now \$-11,095. I realize potentia changes in quantities may still occur, however I need to establish a base and finalize the evaluation. Do you concur with \$11,095?

Please respond to the other questions in my 2/25/06 email.

This email has been scanned for SPAM content and Viruses by the MessageL abs Email Security System.

----- Message from "Valentino Vila" <vvila@roe.com> on Mon, 27 Feb 2006 12:00:47 -0500 -----

To: "Don D'Amico" <ddamico@roe.com>

cc: "Ira Rubin" <irubin@roe.com>

Subject: LEE COUNTY - 480V MCC PROCUREMENT

THE CHANGES REQUIRED IN UNIT PRICES BETWEEN THE QUANTITIES QUOTED IN THE SQUARE D BID PROPOSAL AND THE QUANTITIES AS SHOWN ON THE LATEST BREI DRAWINGS SENT TO SQUARE D BY EMAIL ON 2/2/2006 ARE AS FOLLOWS:

- 9 Stacks @ \$600 = (\$5,400)
- 16 Size 1 FVNR @ \$495 = (\$7,920)
- 4 Size 1 FVR @\$920 = (\$3,680)
- +3 Size 2 FVNR @\$535 = \$1,605
- +1 Size 3 FVNR @\$830 = \$830
- +2 Size 4 FVNR @\$1160 = \$2320
- 4 MCCB<100A w/GFR @\$325 = (\$1,300)
- +14 MCCB w/o GFR @\$175 = \$2,450

let change

-\$11,095

*Needs to be \$-8,095<sup>00</sup>*  
*ADJUSTED TO*

Current Price:

- \$98,000 MCC 21, 22, 25, 27
- \$170,000 MCC 23, 24, 26
- \$35,825 MCC APC1-1 and 2-1 with larger bldg and smoke detectors
- \$4,985 (2) 400A breakers with enclosures
- \$2,340 (3) current transducers @ \$780 ea. for Circ water pumps (2) & FGR fan (1)
- \$(8,095) Adjust Quantities using Unit Prices

\$303,055 Current Adjusted Bid Price

Val Vila  
201-986-4847