

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

Blue Sheet No 20061615

1. ACTION REQUESTED/PURPOSE:

Approve an addition of \$33,930.00 to Purchase Order No. 83626 to Square D (480 Volt Motor Control Centers), for the supply of an additional Motor Control Center required for the expansion of the water treatment plant (WTE expansion project). The requested amount includes \$12,000 for any other final equipment changes, and/or field technician support. Final PO amount will now be \$352,985.00 and is within budget for this capital budget.

2. WHAT ACTION ACCOMPLISHES: Provides addition to PO 83626 for additional motor control center.

3. MANAGEMENT RECOMMENDATION: Staff Recommends the action requested.

4. Departmental Category: 8

C8D

5. Meeting Date: December 12, 2006

6. Agenda:

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

7. Requirement/Purpose: (specify)

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

8. Request Initiated:

Commissioner _____
 Department Public Works
 Division Solid Waste
 By: Lindsey Sampson
 s/Lindsey J. Sampson

9. Background:

On March 14, 2006, the Board approved Blue Sheet No. 20060273 awarding the purchase of the 480 V MCC's to the low priced proposer for this equipment. It was anticipated that an additional MCC would be required when the County's design engineers completed final design of the water treatment plant expansion. Such design is now complete and the additional MCC is quoted at \$21,930.00. Staff is also requesting a contingency for any final changes pending receipt of third party motor specifications.

Funds are available in account string: 200923 40102.506540

Attachments: Blue Sheet No. 20060273, Vendor proposal.

10. Review for Scheduling:

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services				County Manager/P.W. Director
					Analyst	Risk	Grants	Mgr.	
<i>J. Smith</i> 11-30-06	N.A. per JS	N.A.		<i>S. Bond</i> 11/30/06	<i>ML</i> 11-30-06	<i>J. Bond</i>	<i>ML</i> 11/30/06	<i>J. Smith</i> 11-30-06	

11. Commission Action:

- Approved
- Deferred
- Denied
- Other

RECEIVED BY COUNTY ADMIN:
11-30-06 2:10
<i>ML</i>
COUNTY ADMIN FORWARDED TO:
11/30/06 <i>ML</i>
to PR

Rec. by CoAtty
Date: 11/30/06
Time: 11:55 AM
Forwarded To:

**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

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

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	Mgr.	

11. Commission Action:

- Approved
- Deferred
- Denied
- Other



SQUARE D
Schneider Electric

November 14, 2006

To:
Valentino Villa, Paula Douma
Burns & Roe

From:
Brian J. Price
973-658-2916
Square D Company
2001 Route 46E, Suite 402
Parsippany, NJ 07054

PO # S 3626

Quotation

Q2C Number: 21257315

Quote Number: 2

Change Order Rev Number: 10

Project Name: LEE COUNTY PROJ #0923 WTE UNIT 3 E

Project Sub-Name: Waste to Energy Expansion Proj

Project Location: FORT MYERS, FL

Quote Name: MCC-25-1 WATER TREATMENT

Through Addenda Number: 0

Bid Date: 02/27/2006

Consultant / Specifier: BURNS & ROE

Contractor / Installer: BURNS & ROE

Sales Representative: LOUIS MAZZEI

Terms & Conditions

This Quotation is subject to Coordinated Project Term and those in effect for this project.

Payment Terms: SPECIAL TERMS: Discount 0% 0 / Net 30th

Billing Type(s):

Currency: US DOLLARS

Quote Markings

Please review this bill of material in detail. The following information is required for release:

1. Horsepower Rating for all motors
2. Verify all Nameplate information

Q2C Number: 21257315

Quote Number: 2

Change Order Rev Number: 10

Project Name: LEE COUNTY PROJ #0923 WTE UNIT 3 E

Quote Name: MCC-25-1 WATER TREATMENT

Item No.	Qty.	Catalog Number / Details
027-00	1	<p>Designation: MCC-25-1 Model 6 LVMCC Model 6 MCC - Industrial Package</p> <hr/> <p>System Voltage: 480V 3PH 3W 60Hz Max Available Fault Current (RMS) - 25kA Control Power - 120Vac General Purpose Type 1 Gasketed Enclosure Class 1 Type B Wiring 20" Deep Construction 1/4" x 1" Horizontal Ground Bus, Copper 42kA Bus Withstand Rating 600A Tin Plated Copper Horizontal Bus Tin Plated Copper Vertical Ground Bus White Interior Master Nameplate Engraved with White Surface/Black Letters Standard Exterior Paint ANSI 49 Equipment Mounting Height 72" Manual Vertical Bus Shutters Fishtape Barrier Unit Nameplate Engraved with White Surface/Black Letters Rodent Barriers 4 - Section(s) with 300A Tin Plated Copper Vertical Bus 4 - Strip Heater 1 - Thermostat</p> <p>DIMENSIONS AND WEIGHT</p> <hr/> <p>Dimensions: 80.00"W X 20"D X 94.5"H Approximate Weight: 3000.00 lbs / 1360.80 kgs</p> <p>INCOMING</p> <hr/> <p>incoming Connection: Cable</p> <p>MAIN</p> <hr/> <p>Main Lugs Top Entry 600A</p> <p>FULL VOLTAGE NON-REVERSING STARTERS</p> <hr/> <p>1 - 40 HP NEMA Size 3 FVNR Starter w/Circuit Breaker Control Power Transformer 300VA GA Type Ground Fault Protection Overload Alarm Contact Normally Closed Isolated Motor Logic Feature Based Overload</p> <p>1 - 5 HP NEMA Size 1 FVNR Starter w/Circuit Breaker Control Power Transformer 100VA Motor Logic Feature Based Overload</p> <p>7 - 5 HP NEMA Size 1 FVNR Starter w/Circuit Breaker Control Power Transformer 100VA Overload Alarm Contact Normally Closed Isolated Motor Logic Feature Based Overload</p> <p>1 - 2 HP NEMA Size 1 FVNR Starter w/Circuit Breaker Control Power Transformer 100VA Overload Alarm Contact Normally Closed</p>

Q2C Number: 21257315

Quote Number: 2

Change Order Rev Number: 10

Project Name: LEE COUNTY PROJ #0923 WTE UNIT 3 E

Quote Name: MCC-25-1 WATER TREATMENT

Item No.	Qty.	Catalog Number / Details
		Isolated Motor Logic Feature Based Overload
4		20 HP NEMA Size 2 FVNR Starter w/Circuit Breaker Control Power Transformer 150VA Overload Alarm Contact Normally Closed Isolated Motor Logic Feature Based Overload
3		15 HP NEMA Size 2 FVNR Starter w/Circuit Breaker Control Power Transformer 150VA Overload Alarm Contact Normally Closed Isolated Motor Logic Feature Based Overload
1		40 HP NEMA Size 3 FVNR Starter w/Circuit Breaker Omit External Overload Reset Button Control Power Transformer 300VA GA Type Ground Fault Protection Omit Overload Relay

COMMON FULL VOLTAGE NON-REVERSING FEATURES

Thermal Magnetic Breaker
Ring Tongue Terminals
Control Transformer Tap
Control and Timing Relay, SK-Line Wired 2 Pole
Additional Unwired Terminal Points
Type SIS Control Wire (14 AWG)
Customer Assigned Plastic Sleeve Wire Markers
High Interrupting Breaker
Additional Wired Terminal Points
Transient Suppressor

FEEDERS

1 - Circuit Breaker Branch Feeder 50A
High Interrupting Breaker
Ground Fault Module
2 - Compac 6 Circuit Breaker Branch Feeder
30A
35KA Interrupting Rating

MISCELLANEOUS DEVICES

2 - 3" Prepared Space

Estimated Ship Days (ARO): 55 Working Days
ARO = After Release of Order to Manufacture

Q2C Number: 21257315

Quote Number: 2

Change Order Rev Number: 10

Project Name: LEE COUNTY PROJ #0923 WTE UNIT 3 E

Quote Name: MCC-25-1 WATER TREATMENT

Item No.	Qty.	Catalog Number / Details
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CLARIFICATIONS-GENERAL:

The bill of material is based on our best interpretation of the information provided with the request for quotation. The quotation supplied for this project may not meet the local code/ordinance requirements unless specifically identified in the customer documentation supplied for review.

- The equipment presented with this quote is Square D Q2C# 212557315-CO#10. This proposal provides (1) MCC.
- Our quotation includes only the items listed above.

COMMERCIAL TERMS:**TERMS:**

Square D standard terms and conditions apply.

PAYMENT:

Net 30 days.

WARRANTY:

Standard warranty is provided for this bill of material.

FOB Jobsite:

is included in the price below.

FACTORY INSPECTION:

(if required)

\$1,000.00 per day per factory. Pertains only to physical inspection of gear. Price does not include transportation, lodging, and meals. Price **NOT INCLUDED** in total below.

WITNESS TESTING:

(if required)

\$2,500.00 1st DAY /\$1,500 each additional day for each facility visited. Price does not include transportation, lodging, and meals. Price **NOT INCLUDED** in total below.

START-UP:

Not quoted, if required please let us know and we can provide a price.

APPROVAL DRAWINGS:

We require at least one set of drawings, approved by Engineer of Record and/or Contractor of Record, returned to us to begin manufacturing.

O & M MANUALS:

No charge for (6) sets of manuals.

SHIPMENT:

Will be based on the return of signed approval drawings. If this project has specific on-site dates, please forward that information, and we can apply for slots in production.

This proposal provides

\$ Net Total \$21,930.00