

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

Blue Sheet No. 2006 *C965*

1. ACTION REQUESTED/PURPOSE:

Approve award of formal quotation (RFP B&R 2661-SC315) and issuance of a purchase order to Carter & Crawley, Inc, the low priced proposer, meeting all specification requirements for the Electrical Control Panel and the Auxiliary Control Panel in the amount of \$99,783.00 plus an allowance of an additional \$10,000 for additions/adjustments following receipt of finalized third party instrumentation to be inserted within these control panels.

2. WHAT ACTION ACCOMPLISHES:

Provides two of the necessary control panels for the Waste To Energy Expansion Project.

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

4. Departmental Category: 8

C8B

5. Meeting Date: August 15, 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 in May 2006 with adjustments in June 2006. Proposals were received from two pre-qualified vendors. After review and determination of conformance for technical and commercial requirements recommendation was made to award to the low-priced proposer meeting all specification requirements, Carter & Crawley, Inc.

An allowance of approximately 10% is requested for modifications that may be required upon the receipt of finalized third party instruments that will be placed within these control panels. Such information is expected during the next month.

Funds are available in account string: 200923 40131.506540

Attachments: Burns & Roe bid review dated 7/2006
 Pricing Summary and Tech comparison sheet dated 7/20/06
 Covanta Recommendation dated 7/17/06

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. J. Smith</i> 7-24-06	<i>N.A. PER J.S.</i>	<i>N.A.</i>	<i>FACTORY</i>		<i>7/25/06</i>	<i>5/25/06</i>	<i>5/25/06</i>	<i>7/26/06</i>	<i>J. J. Smith</i> 7-24-06

11. Commission Action:

- Approved
- Deferred
- Denied
- Other

RECEIVED BY
 COUNTY ADMIN:
 7-25-06 10:50 am
 COUNTY ADMIN
 FORWARDED TO:
J. J. Smith
J. J. Smith

Rec. by CoAtty
 Date: 7/24/06
 Time: 3:55 pm
 Forwarded To:
 (125) 10-3-06

COVANTA LEE COUNTY EXPANSION
CONTROL PANELS
TECHNICAL REVIEW OF PROPOSALS
FOR SC-315
BRE Update20-July-06

The Control Panel specification scope includes the supply of two sections of control panel. The Electrical Control Panel (ECP-2) section and the Auxiliary Control Panel (ACP-2) section will be installed in the control room adjacent and matched up to the existing corresponding control panel sections. These panels will contain a combination of engineer-specified relays switches and protection devices and Purchaser-furnished insert equipment from the boiler and turbine generator suppliers.

Proposals were received from the following two (2) vendors for supply of the Control Panels:

- Carter & Crawley.
- Keystone

Both proposals were technically evaluated. Both vendors took some minor exceptions to the specification or made clarifications that were not consistent with the intended scope. After requesting compliance and clarifying the specification's intent, both vendors complied with the specification. Some scope items were finalized during the bidding cycle due the timing of our receipt of wiring details for Purchaser-furnished panel insert items (MHI turbine inserts). The model of annunciator to be furnished in the ECP was revised during bidding based on Covanta's request to implement a datalink to convey all of the annunciator alarm points to the DCS.

In the end, after exceptions and clarifications, both vendors, i.e. Carter & Crawley, Inc. and Keystone's bids were found technically acceptable. It can be seen from the attached comparison spreadsheet that both bids are essentially the same in scope. While a few detailed specification requirements were not explicitly addressed in the Carter & Crawley proposal, it is believed that they have included everything required to meet the specification. The spreadsheet also shows that Carter & Crawley consistently has a clear price advantage over Keystone. Based on this clear indication, a few additional clarifications and additions, based on a review of the evaluation with Covanta, were addressed only to Carter & Crawley, and the results of their response to these items is included in the final pricing shown on the attached spreadsheet

It should be noted that the existing Control Panel at Lee County was furnished by YEP, but we were not able to identify a current contact for them and conclude that they are no longer active in the control panel fabrication business.

COVANTA LEE COUNTY EXPANSION
 SC-315 CONTROL PANELS
 Pricing Summary and Tech Comparison
 Update 7/20/2006

	Keystone		Carter & Crawley	
Initial Pricing ACP	\$36,393.35	5/5/2006	\$18,585.00	5/4/2006
Adjusted Pricing ACP			\$27,402.00	6/1/2006
Latest Pricing ACP	\$43,461.08	6/9/2006	\$30,755	6/16/2006
Final Pricing ACP			\$31,747	7/13/2006

ACP		Keystone		Carter & Crawley
	Qty			
8'X8'X4' Control Pnl	1	Yes		Yes
Name Plates	11	Yes		Yes
Green LED	3	Yes		Yes
Red LED	3	Yes		Yes
Blue LED	1	Yes		Yes
3-Position Switch	1	Yes		Yes
Push Button	2	Yes		Yes
Terminal Blocks	xx	Yes		Yes
700-Series Relays	9	Yes		Yes
Time Delay Relays	2	Yes		Yes
Vibration Eliminator	xx	Yes		Not mentioned
Wire Markers		Yes (2500)		Not mentioned
2-Position Switch	2	Yes		Yes

Added

	Keystone		Carter & Crawley	
Initial Pricing ECP	\$80,645.11	5/5/2006	\$58,539.00	5/4/2006
Adjusted Pricing ECP			\$60,998.00	6/1/2006
Latest Pricing ECP	\$80,645.11	6/9/2006	\$60,998.00	6/16/2006
Final Pricing ECP			\$68,036.00	7/13/2006

ECP		Keystone		Carter & Crawley
	Qty			
7'X8'X77' Control Pnl	1	Yes		Yes
Annunciator	1	Yes		Yes
Alarm Horn	1	Yes		Yes
3-Phase Dig Volt Mtr	3	Yes		Yes
3-Phase Dig Amp Mtr	3	Yes		Yes
Nexus LED Display	4	Yes		Yes
Exciter Field Volt Mtr	1	Yes		Yes
Exciter Field Amp Mtr	1	Yes		Yes
3-PH Dig Amp (A)	1	Yes		Yes
3-PH Dig Volt (V)	1	Yes		Yes
Synchroscope	1	Yes		Yes
Nexus Multi Meter	2	Yes		Yes
Aux Relay (27IR)	1	Yes		Yes
PB (E-Trip) Cover	1	Yes		Yes
Sync-Check Relay	1	Yes		Yes

3-Pos Brk Cntrl Sw	12	Yes		Yes
Ind Lamp (Red)	15	Yes		Yes
Mimic Bus	XX	Yes		Yes
Ind Lamp (Green)	15	Yes		Yes
2-Pos Sw	2	Yes		Yes
3-Pos Sw	5	Yes		Yes
Ind Lamp (White)	2	Yes		Yes
Analog Volt Meter	2	Yes		Yes
Analog Freq Meter	2	Yes		Yes
7-Pos Selector Sw	1	Yes		Yes
Ind Lamp (Amber)	1	Yes		Yes
Ind Lamp (Blue)	1	Yes		Yes
Synchronizing Lamp	2	Yes		Yes
Aux Relay (27I,27R)	2	Yes		Yes
PushButton	3	Yes		Yes
Nexus LED Display Pw	2	Yes		Yes
Nexus LED Display Amps	2	Yes		Yes
Vibration Eliminator	4	Yes		not mentioned
Name Plates	60	Yes		not mentioned
Terminal Bloccls	XX	Yes		Yes
Wire Markers	XX	Yes (2500)		not mentioned
Watt Transducer	1			Yes

Added to C&C

Shipping	\$2,500.00	Incl by C&C
Total	\$126,606.19	\$99,783.00
10% Change allowance	<u>12,600</u>	<u>10,000</u>
	\$139,206.19	\$109,783.00
	+26%	base

Sampson, Lindsey J.

From: Young, Peter [pyoung@CovantaEnergy.com]
Sent: Monday, July 17, 2006 12:22 PM
To: D'Amico, Don
Cc: Sagar, Amrit; Gounaris, Demetrios; Anacker, Dennis; Sampson, Lindsey J.; dcastro@hdrinc.com; Rubin, Ira; Glenn Fontana
Subject: RE: RE: Comments on SC-315 (ACP and ECP Specification):

Don,

No additional comments affecting the base order, other than delivery.

The required delivery date is September 15, 2006 for both panels. The electrical panel is required for the November 15, 2006 energization milestone. Hence a 14 to 16 week delivery cycle (from order date?) is not acceptable; a 8 to 12 week delivery needs to be pursued with priority on the electrical panel.

Note that unit delete price of watt transducer should also be provided in case MHI provides the needed transducer as part of their base scope (Kevin Cole is pursuing this with MHI). Additionally, C&C has stated its unit prices as a "sell price". It should be clarified that these unit sell prices also apply to deleted components, or, if different for deletions, both pricing should be provided. No reason to hold up BREI's final commercial evaluation based on these foregoing comments. If these details are not available for the award and initial PO, these adjustment items could be negotiated at time of change, if any.

Please issue your complete bid evaluation and Term Sheet ASAP.

Peter

-----Original Message-----

From: Don D'Amico [mailto:ddamico@roe.com]
Sent: Saturday, July 15, 2006 9:45 AM
To: Young, Peter
Subject: Fwd: RE: Comments on SC-315 (ACP and ECP Specification):

Pete,
Final (hopefully) tech info from C&C. Believe this addresses comments from latest meeting with Kevin Cole, Amrit and Demetri. Kevin reviewing, should have Amrit and Demetri do the same. Any further tech issues could be handled after award. Panels have 14-16 delivery cycle.

Awaiting final acceptance of T&C's and should be good to go. Expect it soon.

Don