

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

Blue Sheet No. 20051770

1. ACTION REQUESTED/PURPOSE:

Approve award of formal quotation (RFP B&R 2661-SE 201) and issuance of a purchase order to Distran Packaged Substations, LLC, the low priced proposer, meeting all specification requirements for the Switchyard Equipment and Material in the not to exceed amount of \$115,890.00.

2. WHAT ACTION ACCOMPLISHES:

Provides the necessary switchyard equipment for the Waste To Energy Expansion Project.

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

4. Departmental Category: 8

C8C

5. Meeting Date:

12-20-2005

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 October 11, 2005 for certain switchyard equipment that will be used at the interface between the WTE facility and the FPL transmission system. On that date three responses were received. After review and conformance for technical and commercial requirements recommendation was made to award to the low-priced proposer meeting all specification requirements.

Funds are available in account string: 200923 40102.506540

Attachments: Burns & Roe bid evaluation dated 12/1/05
 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	Mgt.	
<i>[Signature]</i>	<i>N.H. [Signature]</i>	<i>N.H.</i>		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

11. Commission/Action:

- Approved**
- Deferred**
- Denied**
- Other**

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 COUNTY ADMIN.
 12-8-05
 11:28
 COUNTY ADMIN
 FORWARDED TO:
 12/8/05
[Signature]

Rec. by CoAtty
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 Time: 10:40 AM
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BID ABSTRACT

138 SWITCHYARD Equipment

Burns and Roe Enterprises, Inc.

W/O: 2661 Lee County Expansion Project
RFP 2661-SE201 Switchyard Equipment

BUDGET: \$

		1		2		3		4		5	
		Distran		PACS		Tatman					
ITEM	QTY	UNIT	DESCRIPTION								
1	LOT	ea	Engineering Equipment	\$ 2,500.00	incl	\$ 4,100.00					
			Equipment	\$ 95,738.00	incl	\$ 128,100.00					
2	LOT	ea	Freight	\$ 4,875.00	incl	\$ 9,800.00					
			Base Bid	\$ 103,113.00	\$	220,756.00	\$	142,000.00			
					+53%		+27%				
			Tech Adjust (See A7 Tech Eval)	\$ 12,777.00	not evaluated		tech-cannot comply				
			Recommended Award Price	\$ 115,890.00							
			Drawings Submitted	4-6 wks ARO							
			Delivery	6/15/2006	--						
			PAYMENT TERMS	100% net 30							
			F.O.B. Delivered DESTINATION	yes	--						
			TECHNICALLY ACCEPTABLE	yes	n/a		no				
AWARD RECOMMENDATION: Distran				PREPARED BY: D'Amico				DATE:			
REASON FOR RECOMMENDATION:				TECHNICAL & PRICE				REVIEWED BY:			

December 1, 2005

**LEE COUNTY
WTE EXPANSION PROJECT
FORT MYERS, FLORIDA**

**RFP 2661-SE-201
138KV Switchyard Equipment**

BID EVALUATION

Burns and Roe Enterprises, acting on behalf of Lee County issued Request for Proposal No. 2661SE-201 "Switchyard Equipment and Material" on September 10, 2005 to the following pre-approved bidders: Dis-Tran Packaged Substations; PACS Industries; and Tatman Associates.

October 11, 2005 bids were received from:

- Distran proposal Q11517 dated 10/4/05
- PACS Industries proposal Q-050914 dated 10/3/05
- Tatman Associates proposal Q205-134 dated 10/6/05

Bids were opened and recorded on the Proposal Opening Form included here as Attachment A. Copies of the three proposals were submitted to Covanta. PACS and Tatman proposals were 53% and 27% higher than Distran. Initial technical review of these two proposals indicated correct scope. See technical evaluation for further details.

Attachment B is the Bid Abstract comparing bid prices and adjustments.

RECOMMENDATION:

The recommended award is to Distran Packaged Substations, LLC. Recommended award price is \$115,890 FOB Jobsite, Freight Prepaid and Allowed and excludes cost of Bonds and Sales or Use Tax.

Base Price	\$103,113.
Price adjustments to comply with Specifications	<u>\$ 12,777.</u>
Recommended Award Price:	\$115,890.

BID EVALUATION 2661-SE-201 "138KV Switchyard Equipment" (cont'd)

COMMERCIAL EVALUATION:

Three (3) proposals were initially received and reviewed.

PACS' proposal is 53% higher than Distran's. Technical review indicated PACS quoted the correct scope of work and therefore no commercial discussions were conducted with PACS.

Tatman is 27% higher than Distran. Tatman was questioned concerning a Florida P.E. certification for the structural design. In accordance with Tatman's 10/17/05 email, they did not include this and would add significant cost to its proposal. No further consideration was given Tatman.

Distran's proposal is commercially acceptable. Distran took no exceptions to and accepts the Services/Goods Purchase Condition as included in the RFP documents.

- Drawing submitted for approval in 4-6 weeks after receipt of order.
- Delivery of Equipment is June 15, 2006.
- Payment terms are: 100% upon delivery, net 30 days. No retention.
- Price valid through January 31, 2006.



BURNS AND ROE ENTERPRISES, INC.

December 1, 2005

**LEE COUNTY
WTE EXPANSION PROJECT
FORT MYERS, FLORIDA
RFP 2661-SE-201
138KV SWITCHYARD EQUIPMENT AND MATERIAL
BID EVALUATION**

On September 10, 2005, Burns and Roe Enterprises, acting on behalf of Lee County, issued Request for Proposal No. (RFP) 2661-SE-201 for the supply of 138kV Switchyard Equipment and Material to the following pre-approved bidders: Tatman Associates (TA), Distran Packaged Substations (DPS) and PACS Industries (PACS). All bidders responded to the RFP and submitted a proposal.

By October 11, 2005, the bids were received, opened and recorded on the Proposal Opening Form herewith included, and found in Attachment 1.

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

Initial review of the pricing indicated that PACS' bid price was significantly higher than the other two bidders. Tabulation of technical data provided by the bidder, including comparison to Specification SE-201 requirements (i.e. quantity take-off from the conceptual bid drawings), indicates that PACS has quoted the correct scope. Furthermore, PACS quoted tubular bus that is smaller than the other two bidders, which does not correlate to its significantly higher price. As such, further evaluation of the PACS proposal was not performed.

RECOMMENDATION:

The recommended award of the contract is to Distran Packaged Substations. Recommended price is \$115,890.00 FOB Jobsite, Freight Prepaid and Allowed and excludes cost of Bonds and Sales or Use Tax.

Base Price, as bid:	<u>\$103,113.00</u>
Adjust to comply with Specifications:	<u>\$12,777.00</u>
Recommended Award Price:	<u>\$115,890.00</u>

**RFP 2661-SE-201
138KV SWITCHYARD EQUIPMENT AND MATERIAL
BID EVALUATION**

COMMERCIAL EVALUATION:

Upon initial evaluation it appeared one (1) of the two (2) remaining bidders, namely DPS, met the basic intent of the specifications and was competitive. Based on the preliminary evaluation, a set of bid conditioning comments/questions was prepared and sent to DPS on October 17, 2005 to further clarify technical issues taken by the Bidder.

The questions and Bidder responses are covered in the Technical Bid Evaluation, on the following pages. Based on the Bidder's responses to the questions, engineering determined that DPS was technically acceptable. The cost impact as a result of the bid conditioning comments/questions are as tabulated and shown in Attachment 8.

The other remaining bidder, TA, took exception to the commercial terms and conditions included in the inquiry. Bid conditioning comments and questions were sent to TA on October 12, 2005, to clarify that TA could not comply. TA confirmed that it took exception to the commercial terms and conditions, as such, further evaluation of TA's proposal was not performed. Please refer to Attachment 3 to view the correspondence between BREI and TA.

Based on the foregoing, and the technical comments that follow, **BREI recommends contract award to Distran Packaged Substations.**

**RFP 2661-SE-201
138KV SWITCHYARD EQUIPMENT AND MATERIAL
BID EVALUATION**

TECHNICAL EVALUATION:

SUMMARY

Request for proposal 2661-SE-201 was issued on September 10, 2005 to three (3) bidders: Tatman Associates, Distran Packaged Substations and PACS Industries.

Proposals were received from all three (3) bidders. The RFP requested pricing for 138kV switchyard equipment and materials, including: one disconnect switch (without grounding switch), one disconnect switch with grounding switch, disconnect switch supports, station post insulators with steel supports, aluminum conductor steel reinforced (ASCR), aluminum tubular bus, lightning arrestors, PT/CT metering units and high voltage cable.

Initial review of the pricing indicated that the PACS price was much higher than the other two (2) bidders. Initial tabulation and comparison of the quantities of equipment and materials indicated that PACS quoted the correct scope of supply. PACS was not further considered in this bid evaluation.

The result of the detailed bid evaluation (described herein) is that DPS is considered technically acceptable. During the evaluation process, several minor technical issues were addressed in the form of technical questions to DPS. These technical issues are listed in Attachment 2; DPS has complied with these revisions.

DETAILED TECHNICAL EVALUATION

Technical Data Comparison

Specification SE-201 required technical data to be submitted using Pages A2-1 to A2-3 of the specification. The data supplied by TA, DPS and PACS has been tabulated to enable ease of comparison. This tabulation is included as Attachment 6. As indicated in Attachment 2, questions were issued to DPS to resolve missing or inconsistent technical data.

All three bidders quoted the specified quantities of 138kV disconnect switches. Quantities of station post insulators, rigid tubular aluminum bus and ACSR conductors have been tabulated and are considered comparable and acceptable.

Disconnect Switches

DPS quoted one (1) disconnect switch with a ground switch, and one (1) disconnect switch without a ground switch with the necessary ratings to comply with the specification and drawings.

Post Insulators

DPS quoted ten (10) high strength, extra leakage post insulators. Eight (8) high-creepage post insulators are shown on the conceptual layout drawing (E0600). The additional two post insulators have been included by DPS to comply with the specification which requires DPS to design the buswork and supports.

Aluminum Conductor Steel Reinforced (ACSR)

DPS quoted an appropriate quantity of ACSR required to interconnect the 138kV equipment.

Aluminum Tubular Bus

DPS quoted an appropriate quantity, size and type of rigid tubular aluminum bus required by the bid specification and drawings. After the receipt of bids, FPL provided its interface design, which required the proposed tubular aluminum bus to be changed to integral web channel bus (IWCB) at a higher elevation. DPS was requested to revise its proposal to meet these FPL interface requirements. Appropriate revisions and price adjustments were received by BREI on October 20, 2005 (see Attachment 8).

Lightning Protection

The technical specification required the Bidder to design appropriate lightning shielding of the substation (existing and new buses). DPS initially provided price adders for 50-foot and 65-foot lightning masts, without a technical recommendation. After this issue was questioned, DPS submitted a lightning shielding layout drawing and included a 100-foot lightning mast in its revised quotation. Burns and Roe considers the lightning shielding to be acceptable and this technical requirement is considered satisfied.

PT/CT Metering Unit

DPS indicated 1 PT/CT Metering Unit on the technical data section of SE-201 and 3 PT/CT Metering Units on the DPS bill of material. DPS confirmed that the correct quantity is three (3) (see Question 5, Attachment 2). The proposed ratings and type of metering units are acceptable.

Follow-up Questions and Responses

During the course of the detailed technical evaluation, several rounds of technical questions/clarifications were issued to DPS. All questions and responses are attached to this evaluation in Attachment 2; tabulations of correspondence with each bidder are listed in Attachments 3 and 4.

Technical Conformance

As shown by the detailed correspondence with DPS, specific technical issues were reviewed and resolved. The summary of issues that were covered during the correspondence with DPS is as follows:

- Lightning shielding
- Bus size and type
- Bus elevation
- Confirmation of quantities of hardware for 138kV connections
- Confirmation of metering unit quantity, ratings and catalogue number
- Confirmation of Florida P.E. supervision
- DPS Bill of Material is considered "information only"; scope of supply will be per Specification and Contract Drawings
- Disconnect switch type, ratings and inclusion of auxiliary switches and grounding studs
- Anchor bolts not included in DPS scope of supply
- Grounding studs for temporary grounding
- IWCB terminals

As a result of its responses, DPS is considered to be technically acceptable.

Technical Exceptions and Clarifications

DPS provided some technical clarifications and exceptions that are listed in Attachment 5.

As a result of the follow-up questions and responses, all technical exceptions and clarifications from DPS have been withdrawn.