



REQUEST FOR BOARD ACTION

ITEM NO. 15

DATE OF MEETING: November 7, 2011

REQUESTED BY: Michael Mack, Director, PCU

SHORT TITLE: Resolution Authorizing a Purchase Order to Pender Electric Corporation for Relocation of the Primary Electric Service at the Former BASF Administration and Warehouse Buildings in the Amount of \$28,739.

BACKGROUND: In December 2010, Pender County purchased the former BASF vitamin production facility on US Highway 421 to expand the Pender Commerce Park site. As part of the purchase agreement, BASF is responsible for the demotion of any on-site infrastructure. The Board elected to retain an office building, the chiller building, and an administration/warehouse building at the site in addition to two wastewater treatment facilities. Subsequently, the County entered into a lease agreement with the Contractor building the Water Treatment Plant to allow for their use of the office and warehouse areas during the construction of the water plant.

In order to retain electrical service for the office and administration/warehouse buildings, the primary electrical service components must be relocated from their current location and reestablished in the mechanical room of the administration building. The current location of the electrical components is in a section of the building scheduled for demolition within the next 30 days. Staff estimates the total cost of the electric service relocation to be \$37,000. This budget includes engineered plans, permits/inspections, and contingency funding to complete the work.

Staff solicited proposals from electrical contractors to complete the relocation work. Four proposals were received ranging in cost from \$28,739 to \$50,000. Staff is recommending Pender Electric Corporation be awarded a Purchase Order for this work in the amount of \$28,739.

Sufficient funds were approved in this fiscal year's CIP budget and no additional appropriation is necessary.

SPECIFIC ACTION REQUESTED: Consider a resolution to authorize a purchase order to Pender Electric Corporation for the relocation of primary electric service at the former BASF buildings in the amount of \$28,739.

COUNTY MANAGER'S RECOMMENDATION

Respectfully recommend approval.

MB
Initial

RESOLUTION

NOW, THEREFORE BE IT RESOLVED by the Pender County Board of Commissioners that: a purchase order to Pender Electric Corporation in the amount of \$ 28,739 is authorized for the relocation of the primary electric service at the former BASF buildings.

60-407409 6010 Industrial Infrastructure Development \$ 28,739

The Chairman/County Manager is authorized to execute any document necessary to implement this resolution.

AMENDMENTS:

MOVED _____ SECONDED _____

APPROVED _____ DENIED _____ UNANIMOUS

YEA VOTES: Brown ___ Tate ___ Rivenbark ___ Ward ___ Williams ___

George R. Brown, Chairman 11/07/11
Date

ATTEST 11/07/11
Date

Project Budget
 BASF Facilities to Remain - Electric Service Restoration
 Pender County, NC

Budget Quotes	Amount
Pender Electric Corporation	\$ 28,739.00
PRO-TECH Electrical Services LLC	\$ 40,650.00
Cape Fear Electric, Inc.	\$ 48,300.00
Laney Electrical Construction, Inc.	\$ 50,000.00
Project Budget	
Construction (Pender Electric)	\$ 28,739.00
*Construction Contingency (15%)	\$ 4,310.85
**Permitting and Inspections	\$ 1,150.00
***Engineering	\$ 3,000.00
	\$ 37,200.00

* 15% Contingency is recommended due to uncertainties associated with renovating existing facilities and re-using existing equipment.

** Permitting and Inspections based on estimated 26,500 SF of floor space to remain.

*** Budget Quotes are based on preliminary design. Engineered plans will be required for Permitting.

 **Pender Electric**
CORPORATION

10/14/2011

Jim Snyder

RE: BASF Plant Electrical Service

- 1 - set new 400 amp service disconnect on south building and re-feed existing MCC*
- 1 - set new 300 amp service in north building*
- 3 - set transformers supplied by others*
- 3 - set 200 amp disconnects supplied by others*
- 3 - re-feed existing panels from disconnects*
- 2 - re-feed existing a/c units on outside of building*
- 1 - trench as needed*
- 1 - conduit and wire from existing transformer to new service locations*

Cost: \$ 28,739.00

*If I can be of further service please do not hesitate to contact me
Sincerely,*

*Tom Lewallen
Pender Electric Corporation
910-270-2761 Office
910-471-7037 Cell
910-270-2791 Fax*

P.O. Box 547 229 Transfer Station Rd. Hampstead, N.C. 28443
Phone: 910.270.2761 Fax: 910.270.2791 Email: penderelectricco@bellsouth.net

QUOTE

10/14/11

PRO-TECH Electrical Services LLC
892 Kings Landing Rd.
Hampstead NC 28443

BASF
Vitamin Rd.
Wilmington N.C.

RE: Service Entrance
Revised

SCOPE: To provide materials and labor to install new Service Entrance feeders from Utility transformer as follows.

400amp Service

- Provide new Circuit breaker enclosure and install customer provided 400amp HDK circuit breaker as Service Entrance disconnect.
- Provide 400amp feeders from transformer to feed new disconnect.
- Install conduit and wire from new disconnect to terminal box in hallway ceiling and tap (2) existing feeders that feed both compartments of the existing switchgear.

600amp Service

- Provide new Main distribution panel to re-feed the existing panels and package units. The cost of the main distribution panel with 5 breakers, 3 – 70amp and 2 – 60amp, is offset by reducing labor cost to install a new breaker enclosure, gutter and tap splices. I have included the cost for 2 conduits from the transformer to the MDP but have only priced conductors for 300amp load (one conduit). This will allow for future conductors to be installed if the full capacity of the panel is needed. The MDP panel is a 600amp Main lug panel with 5 breakers and 1 space for up to 225amp breaker for future use if needed.
- Provide materials and labor as needed to relocate the 3 transformers and disconnects to the room adjacent to the MDP and re-feed the existing panels and package units.
- We are proposing to do all our conduit work for re-feeding the panels and package units under ground by intercepting the existing conduits and extending new conduits to the transformer location.
- Price includes permits and inspections.

QUOTE: \$ 40,650.00

Concrete and asphalt cutting, removal and patching not included. Private underground utility marking is not included.

Accepted by: _____ Date: ___/___/___



CAPE FEAR ELECTRIC, INC.

18-Oct-11

Jim

Electrical Quotation @ BASF

Dear Sir,

We propose to furnish the tools, material, and the labor to complete the scope of work identified: **BASF**. We are pleased to offer the following quotation:

Quote \$ 48,300

New service from utility transformer to 400A ECB SER to re-feed existing MCC
Intercept feeder conduit and re-use conductors to 400A ECB from MCC
New service from utility transformer to 300A ECB SER to re-feed existing office building
Provide new outdoor panel to be fed from 300A ECB
New outdoor panel to feed (3) relocated transformers and disconnects
New outdoor panel to feed (2) O/D A/C units at the disconnects
Re-feed (3) existing 120/208V panels from relocated transformers - P1, P2, & P3
Provide necessary grounding @ services(2) and step down transformers(3)
Permits and inspections through New Hanover County
Furnish backhoe for trenching
Concrete demolition required for access at utility transformer and sidewalks - Furnished by Others
All work figured at normal hours. No overtime or temporary power figured
Red highlights Indicate existing, to be re-used

Should you have any questions or concerns regarding this quotation, please call me at our office.

Sincerely,

Brian A. Denson - 'Andy'
Cape Fear Electric, Inc.
Office: (910)762-8830
Fax: (910)763-0039
Cell: (910)279-2250

NC License # 4470-U

LANEY
ELECTRICAL CONSTRUCTION, INC.

LETTER OF TRANSMITTAL/MEMO

Stuart D. Laney Jr., President
Melba T. Laney, Vice President
NC Electrical License 24336-U
E mail: sdlaney@laneyelectric.com
Stuart Laney cell #512-4040

PO Box 10382
Wilmington, NC 28404
Phone # 910-798-1280
Fax# 910-798-2829

DATE: October 19, 2011

TO: Pender County

ATT: Bryan McCabe or Jim Snyder

RE: BASF – Service rework

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MESSAGE:

We propose to furnish all equipment, materials and labor necessary to rework the electrical service to buildings "H" and "S" for the sum of \$50,000.00. This is a budget figure only and is good for thirty days.

This is based upon the requirements of the National Electrical Code 2008 edition and the sketch drawing I received from Jim Synder. This includes all permits and inspections. No provisions have been made for temporary power or overtime premium pay. We are planning to utilize certain pieces of existing equipment as directed by Jim on our site visit.

Please call if you have additional questions.

Thanks for the opportunity to serve your electrical needs.

Yours Truly
Stuart Laney