



## REQUEST FOR BOARD ACTION

ITEM NO. 13.

**DATE OF MEETING:** March 7, 2011

**REQUESTED BY:** Michael G. Mack, Director, PCU

**SHORT TITLE:** Resolution Approving the Award of the Lump Sum Bid and Authorization to Issue a Purchase Order for the Construction of the Maple Hill Wastewater Treatment Facility to Eberhart Construction, Inc. in the Amount of \$1,447,900.

**BACKGROUND:** PCU received bids on February 15, 2011 for the construction of a 42,000 gallon per day Packaged Wastewater Treatment Plant with concrete tankage, a 3-acre lined lagoon, a duplex 30 HP irrigation pump station, a 20-acre spray irrigation field, electric & controls, a small building, and sitework to serve the Maple Hill Community. The bidder's response was excellent with PCU receiving 13 bids. The Engineer of Record, Hobbs, Upchurch & Associates has reviewed the bids, completed the Bid Summary, verified the MBE/WBE/DBE Good Faith Efforts, completed the due diligence on the Contractor, and in agreement with staff, recommends award of the Maple Hill Wastewater Treatment and Disposal Facility contract to Eberhart Construction, Inc. in the amount of \$1,447,900.

The Bid Summary and Engineer's Recommendation of Award are provided.

**SPECIFIC ACTION REQUESTED:** The Board of Directors of the Maple Hill Water and Sewer District is requested to approve the contract award and authorize a Purchase Order of the Lump Sum Bid to Eberhart Construction, Inc. in the amount of \$1,447,900 for the construction of the Maple Hill Wastewater Treatment and Disposal Facility.

**COUNTY MANAGER'S RECOMMENDATION**

Respectfully recommend approval.

RB  
Initial

**RESOLUTION**

**NOW, THEREFORE BE IT RESOLVED** by the Maple Hill Water and Sewer District Board of Directors that:

the recommendation of award of the Lump Sum Bid for the Maple Hill Wastewater Treatment and Disposal Facility in the amount of \$1,447,900 to Eberhart Construction, Inc. is approved and the respective Purchase Order is authorized.

Maple Hill Sewer Project      Account # 82-407434      Capital Outlay – \$1,447,900

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

**AMENDMENTS:**

MOVED \_\_\_\_\_ SECONDED \_\_\_\_\_

APPROVED \_\_\_\_\_ DENIED \_\_\_\_\_ UNANIMOUS

YEA VOTES: Brown \_\_\_ Tate \_\_\_ Rivenbark \_\_\_ Ward \_\_\_ Williams \_\_\_

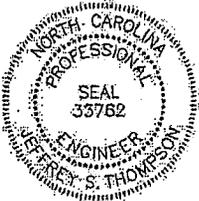
\_\_\_\_\_  
George R. Brown, Chairman      03/07/11  
Date

\_\_\_\_\_  
ATTEST      03/07/11  
Date

Maple Hill Wastewater Treatment and Disposal Facility  
 Pender County, NC  
**BID SUMMARY**

Bid Date: February 15, 2011 @ 2:00 PM

	Bidders:	N.C. License #	Addendum #1	Addendum #2	GFE?	Total Bid Amount
1.	Jacksonville Mechanical, Inc. Wallace, NC 28466	68340	X	X	X	NO BID
2.	TA Loving Goldsboro, NC 27530	325	X	X	X	\$1,895,000
3.	Turner Murphy Co., Inc. Rock Hill, SC 29730	11689	X	X	X	\$2,008,270
4.	Water & Waste Systems Construction Garner, NC 27529	35745	X	X	X	\$1,979,500
5.	State Utility Contractors, Inc. Monroe, NC 28110	17793	X	X	X	\$1,897,000
6.	Thomson and Company Wilmington, NC 28405	26812	X	X	X	\$2,010,500
7.	Thalle Construction Company, Inc. Hillsborough, NC 27278	35203	X	X	X	NO BID
8.	Geo. Raper & Son Garner, NC 27529	7375	X	X	X	\$2,163,530
9.	Carmichael Construction Company Southport, NC 28467	10584	X	X	X	NO BID
10.	Laughlin-Sutton Construction Comp Browns Summit, NC 27214	5067	X	X	X	\$1,972,000
11.	Ralph Hodge Construction Co. Wilson, NC 27893	6271	X	X	X	\$1,824,150
12.	H.G. Reynolds Company, Inc Henderson, NC 27537	14149	X	X	X	\$1,988,000
13.	Dellinger, Inc. Monroe, NC 28110	5992	X	X	X	\$1,998,729
14.	Eberhart Construction, Inc. Willow Spring, NC 27592	37847	X	X	X	\$1,447,800
15.	A.C. Schultes of Carolina Inc. Wallace, NC 28466	48474	X	X	X	NO BID
16.	James E. Harris Construction Comp Huntersville, NC 28076	6794	X	X	X	\$1,558,250
17.	Peters and White Construction Chesapeake, VA 23323	12222	X	X	X	NO BID
18.	Braswell Construction Co. Smithfield, NC 27577	25994	X	X	X	\$2,445,720
19.	Frank Home Construction, Inc. Fair Bluff, NC 28439	6746	X	X	X	NO BID



Bids Opened & Read By: Jeff Thompson, PE  
 HOBBS, UPCHURCH & ASSOCIATES, P.A.

FEB 15 2011



February 28, 2011

Mr. Michael Mack  
Director  
Pender County Utilities  
P.O. Box 995  
Burgaw, NC 28425

Subj: Maple Hill WWTF  
Recommendation of Award  
Eberhart Construction, Inc.

Dear Mr. Mack,

On February 15, 2011, bids were received at Pender County Administration for the subject project. Attached is a tabulation of the bid results.

The engineer's opinion of construction cost for this project was \$1.6M. The bids ranged from the low bid of \$1.48M to \$2.44M, while the average bid was around \$1.9M. I don't consider the high bid to be realistically competitive. My explanation for this wide margin is two-fold. First, the nature of a lump sum bid is that the contractors independently arrive at their own estimate of quantities. Some are more willing to endure risks than others, particularly in this economic climate. Secondly, with this project there is an inexact quantity in earthwork on the irrigation field. The irrigation field is approximately 20 acres. A depth of 6 inches over that area results in \$200,000 to \$300,000 dollars of earthwork. So, I feel that the competitiveness on bid day came down to the understanding the individual contractors had of what they were going to be working with in terms of earthwork.

I have reviewed the low bid submitted by Eberhart Construction, Inc. Having not worked directly with Eberhart previously, I asked that he provide references for projects of a similar nature. I have contacted those references and the results are provided as an enclosure. In summary, all references contacted stated that he was a reputable contractor of good character. Some stated that he was the best they had worked with before.

In addition, I have reviewed the post bid MBE documentation and found it to be in order. Eberhart listed three MBE/WBE/SBE contractors totaling \$106,000, representing 7.3% of his total bid. I have verified independently the MBE/WBE/SBE status of his listed subcontractors. The goal was standard 10% and he has submitted documentation for Good Faith Efforts in soliciting, which I have approved.

As such, it is my recommendation to award the subject project to the low bidder, EBERHART CONSTRUCTION, INC. in the amount of \$1,447,900.00.

Sincerely,  
HOBBS, UPCHURCH AND ASSOCIATES, P.A.

Jeff Thompson, P.E.  
Managing Associate | Wilmington

FEB 28 2011

