

REQUEST FOR BOARD ACTION / CONTRACT CONTROL FORM

Tracking Number: 18

Date of Request: March 4, 2008

Date Request Received: March 5, 2008

Board Meeting Date Requested: March 17, 2008

Board Meeting Date Assigned: March 17, 2008

Short Title: Resolution Authorizing Change Order #3 To Mckim & Creed, P.A., For Phase 5, To Design System Upgrades To Accept Additional Water Flow From Town Of Wallace: \$71,500.

Request Status:
 Request is proceeding to Board of Commissioners
 More information is needed – see attached
 Request on hold – no further information needed
 Other:

Background: Pender County has an agreement with the Town of Wallace to provide 800,000 GPD of water to the Rocky Point/Topsail Water and Sewer District, with an option to take an additional 300,000 GPD. The County is presently negotiating the terms of that agreement to make the extra volume available for a minimum of ten (10) years and a maximum of the remainder of the forty (40) year contract period on the original 800,000 GPD. In addition, Engineers for the Town of Wallace are running hydraulic models to confirm that they can deliver the needed flow at the appropriate pressure.

McKim & Creed has provided us with the attached proposal to design the necessary upgrades in order for our system to accept and pump this additional amount of flow. The project consists of upgrading the Booster Pump Station on Highway 117 near Wallace and running parallel 12" water main from Wallace to the Booster Pump Station. This additional flow will be necessary in order to meet our capacity needs in the immediate future.

USDA has agreed that project funds remaining from Phase 5 (Contract #1) can be utilized for this purpose if approved by the District Directors.

Staff recommends approval of this resolution contingent upon a determination that Wallace can deliver the additional flow at the necessary pressure.

Specific Action Requested: The Board of Directors of the Rocky Point/Topsail Water & Sewer District is requested to authorize change order #3 to McKim & Creed, for design of system upgrades for Phase V in the amount of \$71,500

Requested by: Melinda Knoerzer
Department: Pender Utilities
Title: Administrative Assistant
Contact Phone: 910.259.1280
Contact Fax: 910.259.1579

(Administrative Use Only)

CONTRACT TYPE

Renewal
 For Service(s)
 Intergovernmental – County as Grantee
 Federal Grantor
 State Grantor
 Grant or
 County as Grantor
 County Funds
 Other Funds:
 Revision
 For Equipment

PURCHASING Budgeted Item: Yes No
Date Rec'd: Reviewed and Approved
 Comments on Reverse

Date Sent: Signed:

ATTORNEY Reviewed and Approved
Date Rec'd: Legal Problem(s)
 Comments on Reverse

Date Sent: Signed:

FINANCE Sufficient Funds Available
Date Rec'd: Not Available
 Budget Amendment Necessary
 Budgeted Amendment is Attached
 Comments on Reverse

Date Sent: Signed:

CLERK Signature(s) Required:
 Board Chairman/County Manager
 Other:

Date Rec'd Approved by Board: Yes No
At meeting on

EFFECTIVE DATE OF CHANGE ORDER _____

OWNER Rocky Point Topsail Water and Sewer District

ENGINEER McKim & Creed, P.A.

PROJECT Phase 5 Water District

USDA PROJECT NUMBER 38 71 566000329

DATE OF ORIGINAL AGREEMENT July 19, 2004

Scope of Work:

This amendment includes engineering services for Design, Construction Administration, and Construction Phase Services for a new 12-inch main (6,000 linear feet), water booster pumping station upgrade, and pressure reducing valve for the Rocky Point Topsail Water & Sewer District. The 12-inch water main will be installed from the District's connection point with the Town of Wallace to the Water Booster Pumping Station located near Chubb Road on US 117. The water booster pumping station is located on US 117 near Chubb Road and will require new pumps/motors, electrical service, motor control center, control panel, and standby generator. The pressure reducing valve will be installed in a precast vault on the distribution main on NC Highway 11.

Reason/Justification for Amendment:

General – this project amendment is needed to provide additional supply capacity to the District.

- The 12-inch water main will parallel the existing 10-inch main that provides water from Wallace to the existing booster station. This main will alleviate low suction pressure problems that would occur as a result of the expanded capacity of the booster pumping station.
- The booster station upgrade will increase the capacity from approximately 555 Gallons per Minute (GPM) to 765 GPM to provide additional pumping capacity.
- The pressure reducing valve vault is required to reduce higher than normal operating pressures for customers along NC 11 that will result from the increased output of the booster pumping station.

Fee Compensation:

Engineer will be compensated in the amount of \$71,500 as shown in Items 10 through 14 below. Exhibit 'C', Article 4, Paragraph C.4.08.A Summary of Payments to the Engineer shall be amended as follows:

A. The compensation provisions of this Exhibit 'C' are summarized as follows:

<u>Description of Service</u>	<u>Amount</u>	<u>Basis of Payment</u>
1. Study and Report Phase	\$4,950	Lump Sum
2. Design Services	\$218,400	Lump Sum
3. Bid/Award Services	\$31,200	Lump Sum
4. Construction Administration Services	\$62,400	Lump Sum
5. Resident Project Representative	\$160,000	Hourly
6. Additional Services	\$40,000	Hourly
7. Amendment No. 1	\$17,400	Lump Sum
8. Amendment No. 2 (Engineering Services)	\$3,500	Lump Sum
9. Amendment No. 2 (Survey Services)	\$40,000	Hourly
10. Amendment No. 3 (Design Services)	\$29,400	Lump Sum
11. Amendment No. 3 (Bid/Award Services)	\$8,400	Lump Sum
12. Amendment No. 3 (Construction Administration Services)	\$4,200	Lump Sum
13. Amendment No. 3 (Resident Project Representative)	\$25,000 **	Hourly
14. Amendment No. 3 (Additional Services – Wetlands)	\$4,500 **	Lump Sum

TOTAL ESTIMATED CONTRACT AMOUNT **\$649,350**

** Compensation items so designated are estimates only, and ENGINEER shall be paid in full for all authorized Project-related services.

Approval and Acceptance:

ENGINEER: McKim & Creed, P.A

By: _____
(Authorized Signature)

Date: _____

OWNER: Rocky Point/Topsail Water and Sewer District

By: _____
(Authorized Signature)

Date: _____

AGENCY: USDA Rural Development

By: _____
(Authorized Signature)

Date: _____