

**JEFFERSON COUNTY  
BOARD OF COUNTY COMMISSIONERS  
AGENDA REQUEST**

**TO:** Board of County Commissioners  
**FROM:** Janet Silvus, Director of JeffCom 9-1-1  
**DATE:** March 27, 2011  
**RE:** JEFFCOM 9-1-1 Radio System Improvements Change Order No. 17 and 18

**STATEMENT OF ISSUE:** Approval and execution of Change Order Request (COR) No. 17 in the amount of \$37,070.00 and COR No. 18 in the amount of \$15,249.00 for Buchanan General Contracting Company (Contractor) for the JeffCom 911 Radio System Improvements.

**ANALYSIS:** On January 25, 2010, the Board of County Commissioners approved and executed a contract with Buchanan General Contracting Company, P.O. Box 40069, Bellevue, WA 98015 for the construction of the JeffCom 9-1-1 Radio System Improvement Project. The original contract work at Green Mountain, South (Coyle) and Maynard Peak sites has been completed and Buchanan has just begun construction at the City of Port Townsend water reservoir site (COR No. 16).

The Board of County Commissioners approved COR No. 16 on December 6, 2010 for construction of the City site and 180' radio tower based on preliminary plans and cost estimates. Subsequently, the site has gone through the conditional use and building permit processes which resulted in additional site work and landscaping requirements. COR No. 17 provides the funds for that added work plus an additional 8 working days to the contract term.

The initial foundation design for the 180' tower presumed a level site but the actual site is terraced with two tower legs on a lower step, requiring taller foundations. COR No. 18 provides for the costs for additional reinforcing bar and concrete plus the added construction costs for the revised foundation design.


This is the final phase of construction for the project with separate contracts for the microwave and simulcast radio systems. The Commissioners separately approved direct purchases of the tower structure itself plus a shelter for the radio equipment and an emergency generator, all of which will be installed by Buchanan under COR No 16. Work under this contract will finish mid-May and the radio work in mid-June.

COR No. 17 and 18 <sup>will be</sup> ~~are scheduled to be~~ approved by the JeffCom Administrative Board on March 24, 2011.

**FISCAL IMPACT:** Funds will be provided by the JeffCom Enhancement Fund 121 which was funded by a 2007 bond issue. The total amount of the original contract with sales tax was \$364,728.08. Change Order Requests No. 1 through 16 increased the current approved cost to \$839,705.08. The addition of COR No. 17 in the amount of \$37,070.00 and COR No. 18 in the amount of \$15,249.00 brings the new total to \$892,024.08. The total of CORs 1 through 18 is \$527,296.00 or 144.57% of the original contract. The addition of COR No. 16 was anticipated and provided for in the original contract but costs were not available at the time the contract was executed. The total projected costs of this project have exceeded the original 2007 bond issue and additional bonds have been issued to cover the costs.

**RECOMMENDATION:** Move to approve and execute Change Order Request No. 17 and 18 to the JeffCom 911 Radio System Improvement Contract with Buchanan General Contracting Company.

**REVIEWED BY:**

  
\_\_\_\_\_  
County Administrator

  
\_\_\_\_\_  
Date

JEFFCOM 9-1-1 Radio System Improvements  
CHANGE ORDER REQUEST No. 17 and 18

CONTRACTOR:	Buchanan General Contracting Company
CONTACT PERSON:	Terry Buchanan
ADDRESS:	P.O. Box 40069, Bellevue, WA 98015
TELEPHONE NUMBER:	(425) 462-1326
E-MAIL:	terry@buchanangc.com
DEPARTMENT:	JEFFCOM 9-1-1
JEFFCOM 9-1-1 CONTACT:	Janet Silvus, Director JeffCom 9-1-1
TELEPHONE NUMBER:	344-9788
PROJECT:	JEFFCOM 9-1-1 Radio System Improvement Project
AMOUNT:	\$37,070.00 and \$15,249.00 respectively
FUND SOURCE:	Encumbered JEFFCOM 9-1-1 Enhancement Funds
CONTRACT DURATION:	163 working days (amended total)

JEFFCOM 9-1-1 Radio System Improvements  
CHANGE ORDER REQUEST No. 17

On January 25, 2010, Jefferson County executed a Contract with Buchanan General Contracting Company (Contractor) for the public works construction of JeffCom 911 Radio System Improvements in the amount of \$364,728.08 including local and state sales tax. Previously approved Change Order Requests (COR) No. 1 through 16 bring the approved project total to \$839,705.08 to date. Proposed COR No. 17 in the amount of \$37,070.00 (including sales tax) would bring that total to \$876,775.08 (a total of 140.39% increase).

Change Order Request No 16 provided for Buchanan to construct the 180' radio tower and related facilities at the City of Port Townsend water reservoir site in the amount of \$377,796.00. That COR was based on site plans before the City building permit process was initiated. Additional requirements for site work and landscaping were included as part of the conditional use and building permit processes. COR No. 17 provides for Buchanan to complete the additional permit requirements. In particular, additional landscaping with irrigation systems was required adjacent to the residential community. See the attached letter from Buchanan for a complete description.

The scope of work for the project is described in the Contract, Amendments to Standard Specifications and on the Plans that are included in the original Contract. That scope of work is hereby amended as follows:

Provide labor, equipment, materials and supervision to implement the additional building permit requirements at the Port Townsend Water Tank Site including reconstruction of the access road, construction of a sediment trap, install a tight line to drain from the retaining walls, additional landscaping and irrigation systems, all per the provided plans and specifications. In addition, provide and install additional power supply conduit for the site to be leased to Verizon, which cost will be recovered from Verizon.

The Contract amount is hereby amended as follows:

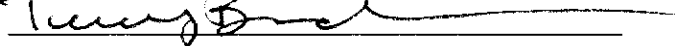
On March 4, 2011, the Contractor provided a price quote of \$34,197.00 (not including sales tax) for COR No. 17 (copy attached) for the extra costs related to the building permit requirements for the Port Townsend Water Tank Site as described above. The total Contract amount is hereby amended to \$876,775.08. And the contract term is extended by 8 working days from 155 to 163 total working days under the contract.

There are no changes to any other provisions of the Contract than stated herein.


Executed by the Contractor March 14, 2011

BUCHANAN GENERAL CONTRACTING CO.

Contractor

By: 

Approved as to form only

 3/23/11  
Jefferson Co. Prosecutor's Office

SEAL:

COUNTY OF JEFFERSON  
BOARD OF COMMISSIONERS

David W. Sullivan, Chair

Phil Johnson, Member

John Austin, Member

ATTEST:

Erin Lundgren,  
Deputy Clerk of the Board

JEFFCOM 9-1-1 Radio System Improvements  
CHANGE ORDER REQUEST No. 18

On January 25, 2010, Jefferson County executed a Contract with Buchanan General Contracting Company (Contractor) for the public works construction of JeffCom 911 Radio System Improvements in the amount of \$364,728.08 including sales tax. That bid did not include the City of Port Townsend site which was added by COR No. 16. Previously approved Change Order Requests (COR) No. 1 through 16 bring the currently approved project total to \$839,705.08 to date. Proposed COR No. 17 in the amount of \$37,070.00 (including sales tax) plus this proposed COR No. 18 in the amount of \$15,249.00 (including sales tax) would bring the new total to \$892,024.08, a total increase of 144.57%.

Change Order Request No 16 provided for Buchanan to construct the 180' radio tower and related facilities at the City of Port Townsend water reservoir site in the amount of \$377,796.00. That COR was based on site plans before the City building permit process was initiated. Additional requirements for site work and landscaping were included as part of the conditional use and building permit processes. COR No. 17 provides for additional landscaping with irrigation systems as required for the building permit. After the building permit was obtained, the foundation design for the tower was changed to accommodate actual on-site grades requiring much taller foundations under two of the tower legs. These taller foundations require a lot more reinforcing bar and concrete which are included in this COR No. 18. See the attached letter from Buchanan for a complete description.

The scope of work for the project is described in the Contract, Amendments to Standard Specifications and on the Plans that are included in the original Contract. That scope of work is hereby amended as follows:

Provide labor, equipment, materials and supervision to implement the revised tower foundation design, all per the provided plans and specifications.

The Contract amount is hereby amended as follows:

On March 16, 2011, the Contractor provided a price quote of \$15,249.00 (including sales tax) for COR No. 18 (copy attached, shows as CE 19) for the extra costs related to the revised foundation design as described above. The total Contract amount is hereby amended to \$892,024.08.

There are no changes to any other provisions of the Contract than stated herein.

Executed by the Contractor March \_\_, 2011

BUCHANAN GEN. CONT. CO.  
Contractor  
By: Terry B...

Approved as to form only

David Alvarez 3/23/11  
Jefferson Co. Prosecutor's Office

SEAL:

COUNTY OF JEFFERSON  
BOARD OF COMMISSIONERS

David W. Sullivan, Chair

Phil Johnson, Member

John Austin, Member

ATTEST:  
Erin Lundgren,  
Deputy Clerk of the Board