

# Issue Analysis Form



**Date:** 10/13/2020  
**Item:** Award of Contract – HVAC Replacement Existing Radio Tower Sites  
**Lead Department(s):** General Services, Finance  
**Contact Person(s):** Mike Purvis; Betsy Drewry

## Description and Current Status

Replacement of the HVAC systems at five (5) existing radio tower sites is planned as part of the Public Safety Radio System project and budget.

Pricing was obtained for HVAC systems, and associated installation costs from Warwick Mechanical Group, the County's contracted HVAC company (IFB #19-0610-2 and Contract #19-0610-2). The total materials and labor, is \$62,085.00 (\$12,417.00 per site). A cost summary and pricing is provided as **Attachment A**.

Because the total price is over \$50,000, the Board will need to formally authorize the award of contract. Funding to accommodate this cost is included within the Public Safety Radio system and no appropriation is needed. A project budget is provided as **Attachment B**.

### Board Action Requested:

Authorize award of contract (purchase order) to Warwick Mechanical Group in the amount of \$62,085.00 for completion of this HVAC replacement.

## Government Path

- |  |   |  |
|--|---|--|
| Does this require IDA action?                  | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Does this require BZA action?                  | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Does This require Planning Commission Action?  | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Does this require Board of Supervisors action? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Does this require a public hearing?            | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| If so, before what date?                       | <input type="checkbox"/> Yes            | <input type="checkbox"/> No            |

## Fiscal Impact Statement

Funding for the replacement of HVAC systems in the existing radio tower sites can be accommodated within the Public Safety Radio System replacement CIP budget. There is no additional appropriation or fiscal impact.

**County Impact**

Replacement of the aged HVAC systems in the existing radio tower sites will provide protection for newly installed radio equipment.

**Notes**

## 9/21/2020 Pricing

**Public Safety Radio Tower HVAC  
Replacement - Existing Sites**

<b>Site</b>	<b>Pricing</b>
Burrowsville	\$ 12,417.00
Disputanta	\$ 12,417.00
Garysville	\$ 12,417.00
Middle Road	\$ 12,417.00
Tavern Road	\$ 12,417.00
<b>Total</b>	<b>\$ 62,085.00</b>









Service Division - 11048 Warwick Blvd., Newport News, VA 23601

Service Department Fax (757) 826-3220    Service Department Phone (757) 826-1200

Date: September 21, 2020

To: Prince George County

Project: Replacement of (2) Bard units at the cell tower Middle Rd.

Warwick Mechanical Service is pleased to submit our proposal to provide the following:

- \* Secure power to existing units
- \* Using crane, disconnect and remove units from building
- \* Provide and hang on wall (2) new Bard 3 ton units
- \* Connect to existing electrical and controls
- \* Start up and verify proper operation

**Breakdown:**

Equipment and materials: 20% markup \$7,759.00

Crane: 20% markup \$888.00

Labor: 42 Hrs. @ \$90.00 per Hr. \$3,770.00

Note: This proposal is based on per location

We propose to furnish all labor and material in accordance of the above specifications for

the amount of: \$12,417.00

**General Provisions:**

1. Above prices are complete including labor, materials, applicable taxes, and permit fee's unless otherwise noted.
2. Parts, materials, and labor are warranted for a period of one year from the date of installation. Additional parts and material warranties may be available but limited to the manufacturers terms
3. Acceptance of this proposal, written or otherwise, constitutes your understanding and acceptance of the proposed work.
4. This proposal will remain valid for ninety (90) days.
5. There will be a 3.5% convenience fee with the use of a credit card

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Acceptance Signature: \_\_\_\_\_ Date: \_\_\_\_\_





**Public Safety Radio & Consulting Borrowing & Costs**

	Account	Series 2017	Series 2018	Total
Consulting	3145	174,435.00		174,435.00
Radio Project	3163	6,563,017.00	7,442,773.00	14,005,790.00
<b>Total</b>		<b>6,737,452.00</b>	<b>7,442,773.00</b>	<b>14,180,225.00</b>
Appropriation of SNAP Interest				398,000.00
<b>Revised Total Available</b>				<b>14,578,225.00</b>
<b>Expenditures &amp; Contracts</b>				
AECOM (Original Consultant)				59,580.00
Altairs - Original + Estimated Costs				605,078.00
Altairs - Contract Modification + Additional Expenses				467,342.00
L3Harris - Radio System contract approved				11,514,371.00
VFD Alerting Systems				438,024.43
ECC Work Stations				118,157.90
ECC Tower HVAC Replacement				12,417.00
Garysville Tower Structural Analysis				3,500.00
Radio Tower HVAC Replacement (Warwick)				62,085.00
				Approved 7/14/2020; SNAP \$398,000; \$69,342 from contingency

**Contract Totals & Commitments**

**Available Project Contingency** **1,297,669.67**

Contingency available for:  
 HVAC for existing tower sites  
 Unforeseen additional costs (system and consulting)

The recommended contingency per L3Harris is \$1,675,000

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 13<sup>th</sup> day of October, 2020:

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Present:

Vote:

Donald R. Hunter, Chairman  
Alan R. Carmichael, Jr., Vice-Chairman  
Floyd M. Brown, Jr.  
Marlene J. Waymack  
T. J. Webb

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A-1

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

**RESOLUTION; AWARD OF CONTRACT (\$62,085.00 REPLACEMENT OF HVAC SYSTEMS AT RADIO TOWER SITES)**

WHEREAS, Replacement of the HVAC systems at the County's five (5) existing radio tower sites is necessary as part of the Public Safety Radio System replacement project; and

WHEREAS funding is available as part of the Public Safety Radio System replacement budget from Series 2017 and Series 2018 bond issuances; and

WHEREAS, The Director of General Services received pricing from the County's contracted HVAC repair company, Warwick Mechanical Group (IFB #19-0610-2 and Contract #19-0610-2), of \$62,085.00, and recommends use of Warwick Mechanical Group for this purchase; and

WHEREAS, Staff is requesting authorization for the County Administrator to enter into a contract with Warwick Mechanical Group in the amount of \$62,085.00.

NOW, THEREFORE, BE IT RESOLVED That the Board of the Supervisors of the County of Prince George this 13<sup>th</sup> day of October, 2020, hereby awards the radio tower site HVAC replacement contract to Warwick Mechanical Group in the amount of \$62,085.00 and authorizes the County Administrator to execute a contract with Warwick Mechanical Group.

A Copy Teste:

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Percy C. Ashcraft  
County Administrator