

Issue Analysis Form



Date: July 23, 2019
Item: Burn Building Update
Fire and EMS
General Services
Lead Department(s): Finance
Contact Person(s): Brad Owens, Mike Purvis,
Betsy Drewry

Description and Current Status

Fire and EMS was awarded a grant from The Virginia Department of Fire Programs for \$450,000 towards the construction of a Class A Burn Building and an additional \$30,000 towards the Architecture and Engineering of the building. The grant funds can only be used for the construction of the building and cannot be used towards the site work or engineering of the site plan. The Board of Supervisors approved the grant allowed staff to move forward with the site plan process to create the plans and develop an estimate of construction cost outside the scope of the grant. Staff worked with the Timmons group to create those plans and the estimates are projected to be \$335,929. Therefore, staff is asking for consideration from the Board of Supervisors to move forward with the project and request the additional fund to be appropriated towards the project.

Government Path

- Does this require IDA action?** Yes No
- Does this require BZA action?** Yes No
- Does This require Planning Commission Action?** Yes No
- Does this require Board of Supervisors action?** Yes No
- Does this require a public hearing?** Yes No
- If so, before what date?** Yes No

Fiscal Impact Statement

A/E (Building)	30,000.00	3
Building	450,000.00	
A/E (Site Plan)	32,150.00	
Site Work	298,779.00	

TOTAL 815,929.00 Grant Funds 480,000.00 County Funds 335,929.00

County Impact

This project is crucial to maintain a competently trained coordinate fire and EMS system.



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Prince George Burn Building

Engineers Construction Cost Estimate
6/10/2019

<u>ITEM</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>	<u>TOTAL</u>
MOBILIZATION				
		LUMP	\$ 7,000.00	\$ 7,000.00
		SUB TOTAL=	\$	7,000.00
CLEARING				
	0.6	AC	\$ 6,000.00	\$ 3,600.00
		SUB TOTAL=	\$	3,600.00
EROSION CONTROL				
Construction Entrance	1	EA	\$ 1,500.00	\$ 1,500.00
Silt Fence	1370	LF	\$ 5.00	\$ 6,850.00
Super Silt Fence	425	LF	\$ 6.00	\$ 2,550.00
Diversion	1060	LF	\$ 5.00	\$ 5,300.00
Check Dam	10	EA	\$ 300.00	\$ 3,000.00
Permanent Seeding	1.6	AC	\$ 2,500.00	\$ 4,000.00
Culvert Inlet Protection	1	EA	\$ 300.00	\$ 300.00
Silt Fence (TOP SOIL STOCK PILE)	230	LF	\$ 5.00	\$ 1,150.00
Temporary Seeding (TOP SOIL STOCK PILE)	0.3	AC	\$ 1,500.00	\$ 450.00
		SUB TOTAL=	\$	25,100.00
EXCAVATION				
STRIP TOP SOIL 8"	3100	CY	\$ 4.50	\$ 13,950.00
CUT AREA 1477 CY	1181	CY	\$ 4.50	\$ 5,314.50
FILL AREA 1891 CY	1891	CY	\$ 3.00	\$ 5,673.00
IMPORT FILL	710	CY	\$ 18.00	\$ 12,780.00
BASIN		LUMP	\$ 6,000.00	\$ 6,000.00
Grass Lined Ditch	1200	LF	\$ 1.50	\$ 1,800.00
		SUB TOTAL=	\$	45,517.50
WATER LINE				
12" X 6" Tap, sleeve & valve	1	EA	\$ 4,000.00	\$ 4,000.00
6" Gate Valve	2	EA	\$ 1,500.00	\$ 3,000.00
Fire Hydrant	2	EA	\$ 3,500.00	\$ 7,000.00
Horizontal Bends	5	EA	\$ 300.00	\$ 1,500.00
6" PVC Pipe	625	LF	\$ 21.00	\$ 13,125.00
DOUBLE CHECK VAULT	1	EA	\$ 18,000.00	\$ 18,000.00
TESTING	625	LF	\$ 1.00	\$ 625.00
		SUB TOTAL=	\$	47,250.00

STORM & DRAINAGE

15" STORM PIPE (2)	108	LF	\$	28.00	\$	3,024.00
18" STORM PIPE (1)	32	LF	\$	33.00	\$	1,056.00
End Section 15"	2	EA	\$	600.00	\$	1,200.00
End Section 18"	1	EA	\$	700.00	\$	700.00
CONCRETE WEIR		LUMP	\$	1,500.00	\$	1,500.00
RIP RAP IN/FABRIC	29	SY	\$	90.00	\$	2,610.00

SUB TOTAL= \$ 10,090.00

MATERIAL

SITE STONE #21B	2325	TN	\$	18.00	\$	41,850.00
SITE PAVEMENT 5" ASPHALT	125	TN	\$	95.00	\$	11,875.00
SITE CONCRETE 6"	110	cy	\$	500.00	\$	55,000.00
STOP BAR 24"	17	LF	\$	100.00	\$	1,700.00

SUB TOTAL= \$ 110,425.00

TOTAL	\$	248,982.50
20% CONTINGENCY	\$	49,796.50
GRAND TOTAL	\$	<u>298,779.00</u>