



Legislation Details (With Text)

File #:	17-0297	Version:	1	Name:	Ladder Tower Remount
Type:	Agenda Item	Status:		Status:	Approved
File created:	4/21/2017	In control:		In control:	Fire Department
On agenda:	5/9/2017	Final action:		Final action:	5/9/2017
Title:	Consider and take action on a resolution to approve the purchase of a remount of the current American LaFrance ladder tower on a new Spartan chassis from Metro Fire Apparatus Specialists, Inc. through HGACBuy in an amount not to exceed \$745,709, authorize prepayment of the chassis cost in an amount not to exceed \$325,188 and authorizing the expenditure of a work change directive in an amount not to exceed \$5,000 (Fire Chief)				

Sponsors:

Indexes:

Code sections:

Attachments: 1. Data Sheet, 2. Proposed Resolution, 3. Metro Fire Proposal, 4. Proposed Agreement, 5. Prepayment Discount, 6. HGAC Pricing Worksheet, 7. Ladder Specifications, 8. Chassis Specifications

Date	Ver.	Action By	Action	Result
5/9/2017	1	City Council	Approved	Pass

Consider and take action on a resolution to approve the purchase of a remount of the current American LaFrance ladder tower on a new Spartan chassis from Metro Fire Apparatus Specialists, Inc. through HGACBuy in an amount not to exceed \$745,709, authorize prepayment of the chassis cost in an amount not to exceed \$325,188 and authorizing the expenditure of a work change directive in an amount not to exceed \$5,000 (Fire Chief)

Approval of this resolution will authorize the purchase for a remount of the current American LaFrance ladder tower on a new Spartan chassis to return that unit to full front-line service status. The current unit, Tower Three, is out of service due to the failure of several ladder systems. Without a fully functional ladder, the tower is no longer safe to operate in an emergency. The original manufacturer is no longer in business and Metro is not comfortable repairing these systems due to implied liability and the lack of available replacement parts so the City has elected to perform a rebuild of the ladder and remount of the ladder system onto a new chassis. Among the many updates to the ladder tower system, outrigger controls will be inspected, cleaned and re-used. The existing ladder sections shall be placed in fixtures making the unit uniform and accessible for repair and shall be welded in accordance with American Welding Standards (AWS) criteria by certified welders. The existing aerial platform support structure consisting of high strength steel tubing, angles, and channels shall be stripped of paint and third party inspected. Any weld defect will be repaired. It will then be repainted. The handrails, floor and support structure shall be assembled to enable each component to be unbolted from each other for ease of replacement should a component of the platform be damaged.

The cost for a full replacement of the Tower Three vehicle would be approximately \$1.4 million. If repair had been a possibility, the remaining service life for the ladder tower would have been 3 to 4 years. By remounting the ladder onto a new chassis and rebuilding and remounting the ladder, the service life clock will be reset to 15 more years of front-line service.

Metro Fire's proposed services through HGACBuy total \$749,500 and include a two-year bumper to bumper warranty. City policy requires payment after the delivery of product or service. Staff is also requesting authority to prepay the chassis cost of \$325,188 in order to receive a discount of the total price of \$5,791. The work is anticipated to be completed within 220 days of the order. The expenditure calculation is as follows:

Metro services costs	\$749,500
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Discount for chassis prepayment	(\$5,791)
HGAC order processing fee	<u>\$2,000</u>
Not to exceed amount	\$745,709

Staff are requesting additional authorization for \$5,000 to make minor adjustments as may be necessary during manufacture.

This agreement performed through HGACBuy conforms with State bidding laws.

Contract Origination:

Contract provided by Metro Fire Apparatus Specialists, Inc. and approved by the City Attorney.

Attachments:

1. Data Sheet
2. Proposed Resolution
3. Metro Fire Proposal
4. Apparatus Contract
5. Prepayment Discount
6. HGAC Pricing Worksheet
7. Ladder Specifications
8. Chassis Specifications

FUNDING

{ } NOT APPLICABLE

{ } Funds are available

{X} Requires Budget Amendment to increase funding for Account #_40203600-55520._Funds are available in the Capital Replacement Fund Balance