



## Equipment Fiscal Purchase Plan.

The Fire Department is requesting authorization to enter into a sole source purchase agreement with Pierce Manufacturing, Inc. for one (1) Pierce Arrow XT Triple Combination Pumper and one (1) Pierce Arrow XT Urban Search and Rescue unit.

The Fire Department is further requesting authorization to enter into a separate sole source purchase agreement with Boise Mobile Equipment, Inc. for one (1) Type III Brush Engine.

All three of these new fire apparatus will replace existing frontline apparatus that are beyond their frontline service life and need to be transitioned to reserve status per the Fire Apparatus and Fire Staff Vehicle Replacement Plan collaboratively created by the Fire Department and Public Works Department.

## ENVIRONMENTAL REVIEW

### Environmental Notice

The activity is not a "Project" as defined under Section 15378 of the California Environmental Quality Act State Guidelines; therefore, pursuant to State Guidelines Section 15060(c)(3) no environmental review is required.

### Environmental Determination

The Director of Development Services has reviewed the proposed activity for compliance with the California Environmental Quality Act (CEQA) and has determined that the activity is not a "Project" as defined under Section 15378 of the State CEQA Guidelines because it will not result in a physical change in the environment; therefore, pursuant to Section 15060(c)(3) of the State CEQA Guidelines, the activity is not subject to CEQA. Thus, no environmental review is required.

## BOARD/COMMISSION RECOMMENDATION

Not Applicable

## DISCUSSION

The Fire Department responds to Fire, Rescue and Emergency Medical incidents both within the City and surrounding cities. In addition, the Fire Department provides mutual aid assistance throughout the State of California on a reimbursable basis. These emergency services are provided with the following frontline fire apparatus - eight (8) pumper/engines, two (2) aerial ladder trucks, one (1) heavy rescue (urban search and rescue) unit, one (1) brush engine and two (2) battalion chief vehicles. The reserve fire apparatus currently consist of the following - five (5) reserve pumper/engines, one (1) reserve aerial ladder truck and two (2) reserve battalion chief vehicles.

As a result of several factors including, decreased vehicle replacement funding, excessive years of service, escalating maintenance costs, increased downtime of frontline apparatus, decreased fleet depth, decreased reliability and safety issues; the Fire Department is in need of several new fire apparatus. The Fire Department and Public Works Department are challenged on a daily basis with maintaining an adequate fire apparatus fleet (frontline and reserve) due to the above factors.

National Fire Protection Association (NFPA) Standard 1901 on Automotive Fire Apparatus and other National Fleet Maintenance Organizations recommend large vehicle replacements based on several criteria to include, years of service, mileage, maintenance costs, functional obsolescence, and

inability to obtain repair parts as well as technology and safety improvements. After extensive research of national industry standard recommendations and standards adopted by other Fire Departments, the Fire Department recommends that fire apparatus be replaced based on 10 to 12 years of frontline service plus 5 years of reserve service for a total service life of 17 years.

The one (1) frontline pumper/fire engine that will be replaced and transitioned to the reserve fleet currently has 16 years of service to date. The one (1) reserve engine that will subsequently be surveyed out of the Fire Department's fleet currently has 25 years of total service.

The one (1) frontline urban search and rescue (heavy rescue) unit that will be replaced and transitioned to the reserve fleet currently has 16 years of service. The existing urban search and rescue (heavy rescue) unit will be transitioned to the Fire Department's reserve fleet to enable the same level of emergency rescue service to the community when the frontline is out of service for mechanical repairs and/or deployed to large scale rescue incidents or national disasters throughout the state as part of California's Fire Assistance Agreement (CFAA).

The one (1) frontline type III brush engine that will be replaced and transitioned to the reserve fleet currently has 21 years of service. The existing type III brush engine will be transitioned to Fire Department's reserve fleet to enable a direct replacement and the same level of service when the frontline is out of service for mechanical repairs and/or deployed on wildland fires throughout the State as part of California's Fire Assistance Agreement (CFAA).

The purchase of these three (3) new fire apparatus will significantly improve the overall quality, reliability, cost effectiveness, fleet depth and safety of the City's fire apparatus fleet to help maintain a proper level of fire, rescue and emergency medical service to Chula Vista as well as the region and state.

During the apparatus build process, if specific changes are required, the Fire Department is requesting that the Council authorize the City Manager to make such changes, as long as the total price does not increase by more than 4% above the total priced quoted by Pierce Manufacturing.

### **DECISION-MAKER CONFLICT**

Staff has reviewed the decision contemplated by this action and has determined that it is not site-specific and consequently, the 500-foot rule found in California Code of Regulations Title 2, section 18702.2(a)(11), is not applicable to this decision for purposes of determining a disqualifying real property-related financial conflict of interest under the Political Reform Act (Cal. Gov't Code § 87100, et seq.).

Staff is not independently aware, and has not been informed by any City of Chula Vista City Council member, of any other fact that may constitute a basis for a decision maker conflict of interest in this matter.

### **LINK TO STRATEGIC GOALS**

The City's Strategic Plan has five major goals: Operational Excellence, Economic Vitality, Healthy Community, Strong and Secure Neighborhoods and a Connected Community. This resolution meets the goals of Operational Excellence and Healthy Community. Updating our current fleet of fire apparatus will allow the Fire Department to provide improved service with greater reliability and efficiency. The new pumper/engine, urban search and rescue (heavy rescue) unit and type III brush engine will improve response times; improve firefighter safety, and overall operational and fiscal

efficiency.

### **CURRENT YEAR FISCAL IMPACT**

The total cost to purchase one (1) fire pumper/engine and one (1) urban search and rescue (heavy rescue) unit and one (1) type III brush engine is \$2,529,347.17. The Fire Department and Public Works Department with approval from the Finance Department is recommending that these purchases be made with pre-identified Measure P Fire Vehicles funding from fiscal 17/18. The projected build time and subsequent delivery of the two (2) Pierce apparatus is approximately 12 to 14 months from PO issuance. The projected build time and subsequent delivery of one (1) Boise Mobile Equipment apparatus is 9 months.

The associated equipment and outfitting expenses for one (1) type III brush engine are budgeted at \$36,000 and will occur in fiscal 17/18 via pre-identified Measure P funds in alignment with the 10-year Measure P Fire Vehicles and Equipment Fiscal Purchase Plan.

The associated equipment and outfitting expenses for one (1) Pierce Arrow XT Triple Combination Pumper and one (1) Pierce Arrow XT Urban Search and Rescue unit combined is budgeted at \$493,375 and will occur in fiscal 18/19 via pre-identified Measure P funds in alignment with the 10-year Measure P Fire Vehicles and Equipment Fiscal Purchase Plan.

### **ONGOING FISCAL IMPACT**

None, except for annual maintenance

### **ATTACHMENTS**

1. Pierce Arrow XT Triple Combination Pumper Quote (100% pre-pay)
2. Pierce Arrow XT Urban Search and Rescue Unit Quote (100% pre-pay)
3. HGAC - Boise Mobile Equipment - Type III Brush Engine quote
4. HGAC - Bid and Contract Documentation

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