

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Houston****Federal Tax ID: 92-0049711****Project Title:****Project Type: Remodel, Reconstruction and Upgrades**

Houston - Station 91 Fill Site

State Funding Requested: \$150,000**House District: Mat-Su Areawide (13-16)**

One-Time Need

Brief Project Description:

Upgrade of the water system at Houston Fire Department's Station 9-1 to accommodate a water supply fill site that complies with industry standards and DEC guidelines.

Funding Plan:

Total Project Cost:	\$150,000
Funding Already Secured:	(\$0)
FY2013 State Funding Request:	<u>(\$150,000)</u>
Project Deficit:	\$0

*Funding Details:**No prior funding.***Detailed Project Description and Justification:**

Funding would purchase a new underground water tank, replace an existing well, and remodel the water filtration system at Station 9-1. The installation of a new water fill site system would improve response and turn-around times to structural or wildland fires by a minimum of 30 minutes per apparatus, resulting in more property saved and more forested lands conserved.

The existing pump at Fire Station 9-1 is insufficient for addressing current and future fire suppression needs of the city's residents, commercial businesses, and commuters. Additionally, due to the inherent dangers associated with the existing rail and the future rail spur from Port MacKenzie that is currently being constructed, the Houston Fire Department must be prepared to contain a rapidly growing fire resulting from a train derailment or collision. Houston Fire Department currently uses two powered pump stations that are located in the southern, built-up portion of Houston, but there exists no available powered pump station on the northern end of the City.

The proposed project will purchase and install an industry-standard 40,000-gallon holding tank with a 1,000-gallons-per-minute pump and a 100gpm refill well at Fire Station 9-1. Funds will also install a filtration system that makes water potable for emergency use and distribution during natural disasters.

The current pump at Fire Station 9-1 is capable only of 50 gallons per minute, meaning it takes approximately 30 minutes to fully refill one fire apparatus. The well that refills the 30-year-old, deteriorating 10,000-gallon holding tank does so at less than 10 gallons per minutes, which means only three tankers can be filled before the station is completely out of water. This directly translates to loss of property and, potentially, lives. The new system would take only three minutes to fill one fire truck. According to curriculum from the International Fire Service Training Association and Jones & Bartlett, a typical house

fire doubles in size every two minutes when it's in the initial stages, so every minute saved will have a dramatic impact.

This fill site is critically needed by the Houston Fire Department to protect city residents and commuting traffic, to prepare to protect the State's infrastructure in the event of a derailment or train collision, and to better prepare for natural disasters. It would also protect those residents living in the southern portion of the Willow Fire Department response area who currently lack nearby fill sites. The site would be available for any agency that desired to utilize it for emergency service use. Potential regular users would include the Willow Fire Department, the West Lakes Fire Department, the Alaska Division of Forestry, and the Alaska Railroad.

This is the city's top priority for FY 2013.

Project Timeline:

Specification of the fill site would occur within two months of notice of funds award; Requests for Proposals would be issued within two months of specification completion; and the installation and initial operation would occur within nine months of the award of contract for the installation of the fill site.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

City of Houston

Grant Recipient Contact Information:

Name: Sonya Dukes
 Title: City Clerk
 Address: 13878 W. Armstrong Rd.
 Houston, Alaska 99694
 Phone Number: (907)892-6869
 Email: sdukes@houston-ak.gov

Has this project been through a public review process at the local level and is it a community priority? Yes No

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43

**HOUSTON, ALASKA
RESOLUTION 12-01(S)**

**A RESOLUTION OF THE HOUSTON CITY COUNCIL APPROVING THE FY 2013
CAPITAL IMPROVEMENT PROGRAM AND LISTING ITS PRIORITIES.**

WHEREAS, the City of Houston is planning for FY 2013 capital improvements as part of its 5 year capital improvement program; and

WHEREAS, the City seeks support from the State of Alaska Legislature to meet its capital improvement needs.

NOW, THEREFORE, BE IT RESOLVED, by the Houston City Council that the following projects are hereby identified as priorities for Fiscal Year 2013.

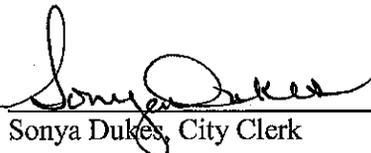
- Station 91 Fill Site
- Emergency Generators
- Personal Protective Equipment
- City Hall Addition and Upgrade
- Cheri Lake Drive Improvements
- Backup Communication System
- Houston Public Works Maintenance Building
- Meadowview Roads Upgrade
- Fire Station 9-2
- Traffic light at Parks Hwy and Big lake Road (Mile 52.2)

PASSED AND APPROVED by a duly constituted quorum of the Houston City Council this 30th day of January, 2012.

THE CITY OF HOUSTON, ALASKA


Virgie Thompson, Mayor

ATTEST:


Sonya Dukes, City Clerk

