



City of Grand Island

Tuesday, January 11, 2011

Council Session

Item G15

#2011-9 - Approving Amendment to HVAC Energy Efficiency Improvement Upgrades

Staff Contact: Joni Kuzma

Council Agenda Memo

From: Joni Kuzma, Community Development

Meeting: January 11, 2011

Subject: Approving amendment to HVAC Energy Efficiency Improvement Upgrades

Item #'s: G-15

Presenter(s): Joni Kuzma, Community Development Administrator

Background

In June 2009, the City of Grand Island was awarded a \$199,000 Energy Efficiency and Conservation Block Grant (EECBG) from the Department of Energy and The American Recovery and Reinvestment Act of 2009 appropriation. The purpose of the EECBG program is to assist eligible entities in creating and implementing strategies to:

- Reduce fossil fuel emissions in a manner that is environmentally sustainable and, to the maximum extent practical, maximizes benefits for local and regional communities;
- Reduce the total energy use of the eligible entities; and
- Improve energy efficiency in the building sector, the transportation sector, and other appropriate sectors

In November, Council awarded bids to Myer's Heating and Air: Fire Station 3 - \$7,500 and Fire Station 4 - \$16,500; Midwest Sheet Metal Co Inc. Fire Station 2 - \$18,450; and Overhead Door, Fire Stations 2 - \$2,255, Fire Station 3 - \$144.20, and Fire Station 4 - \$144.20. This action would amend Resolution 2010-337 that awarded energy efficiency upgrades for both Fire Stations 3 and 4 to Myer's Heating and Air.

Discussion

The award for both Fire Stations 3 and 4 had originally been given to Myer's Heating and Air. After reviewing a third party evaluation of the systems proposed, it was determined that the efficiency of the system Jerry's Sheet Metal proposed was greater than what had been determined from the proposals. The award for energy efficiency upgrades at Fire Station 4 is recommended to Myer's for \$16,500 and at Fire Station 3 to Jerry's Sheet Metal for \$8,056.

Upon review, a half point SEER rating difference in the A/C unit and a 3% difference in heating unit efficiency proposed by Jerry's Sheet Metal for the Fire Station 3 appears to provide slightly more efficiency than that of Myer's. Greater efficiency may be gained in the heating unit, which makes sense in Grand Island where heat is used for a longer period of the year than air conditioning. If gas and electrical cost remain constant, the cost difference in the proposals could be made up within 15 years (calculated based upon units of energy used for heating and air the last two years).

Another factor that was used in determining the most efficient proposal is the priority of the federal government to reduce use of fossil fuels. Since this project is funded with an Energy Efficiency and Conservation Block Grant from the Department of Energy, this goal was given priority consideration.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the energy efficiency upgrade award amendment as recommended.

Sample Motion

Move to approve the energy efficiency upgrade award amendment as recommended.

RESOLUTION 2011-9

WHEREAS, in June 2009, the City of Grand Island was awarded a \$199,000 Energy Efficiency and Conservation Block Grant (EECBG) from the Department of Energy and The American Recovery and Reinvestment Act of 2009 appropriation; and

WHEREAS, qualified energy efficiency projects were awarded by Council in November to Myer's Heating and Air: Fire Station 3 - \$7,500 and Fire Station 4 - \$16,500; Midwest Sheet Metal Co Inc. Fire Station 2 - \$18,450; and Overhead Door, Fire Stations 2 - \$2,255, Fire Station 3 - \$144.20, and Fire Station 4 - \$144.20.; and

WHEREAS, after reviewing a third party evaluation of the systems proposed, it was determined that the efficiency of the heating unit Jerry's Sheet Metal proposed was greater than what had previously been determined from the proposals; and

WHEREAS, an amended award for energy efficiency upgrades at Fire Station 4 is recommended to Myer's for \$16,500 and at Fire Station 3 to Jerry's Sheet Metal for \$8,056.; and

WHEREAS, this resolution amends Resolution 2010-337 with regard to this portion of the project only; and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that

The Grand Island City Council approves the amended energy efficiency upgrade awards.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, January 11, 2011.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form ☐ _____
January 6, 2011 ☐ City Attorney