



Legislation Text

File #: 09190, **Version:** 1

Fiscal Note

Funds are available in Acct. No. CB53-58011-810604-00-72W0012
Estimated cost \$16,000.

Title

Authorizing an amendment to the contract between the City of Madison and Plunkett Raysich Architects, in the amount of \$16,000 for additional engineering design services for Fire Station #12. (9th AD)

Body

Whereas, the City of Madison (“City”) and Plunkett Raysich Architects LLP (“Architect” or “Contractor”) entered into a contract for purchase of architectural and engineering design services for Fire Station No. 12 on June 29, 2007, and,

Whereas, an amendment to the A/E contract is required for the continuation of development and preparation of architectural and engineering design, plans and specifications, preparation of bid documents, assistance in the bid process and construction administration for the design and construction of a new building, including site development work, for Fire Station No. 12 located on South Point Road, and,

Whereas, Contract Amendment No. 1 is required to provide additional architectural and engineering design services to revise site civil, mechanical, plumbing, and electrical engineering design for geothermal heat pump heating and cooling systems for the additional A/E design fee of \$16,000, and,

Whereas, geothermal systems work by running water through hoses in underground pipes, where it is exposed to the Earth’s relatively constant temperature of between 50 and 55 degrees, heat pumps in the fire station then further heat or chill the water, which is used to warm or cool the spaces, this process reduces energy consumption since only about one quarter 1/4 of the energy needed to heat and cool the building comes from electricity and the remaining from the ground, and,

Whereas, the addition of the geothermal heat pump heating and cooling system will provide benefits in annual energy savings of 1,875,339KBTU per year or 74% greater efficiency over standard minimum building code requirements, and additional annual operating cost savings of \$4,234 per year or 10% savings with life cycle payback period of 8.3 years, and,

Whereas, the 2008 Capital Budget includes Facilities Management Energy Efficiency Improvements funding in account number CB53-58011-810604-00-72W0012 for architectural and engineering consultant design services, an Architect and Engineer consultant must be hired to design the geothermal heat pump system, and,

NOW, THEREFORE, BE IT RESOLVED that the Common Council hereby authorizes the Mayor and the City Clerk to execute contract Amendment No. 1 to Contract # 6073 between the City of Madison and Plunkett Raysich Architects to authorize the additional work as described above and payment in the amount not to exceed \$16,000.