

Meeting Agendas/Info

**CITY COUNCIL
COMMUNICATION:**

ITEM _____

01-392

**OFFICE OF THE CITY MANAGER
CITY OF DES MOINES, IOWA**

AGENDA:

JULY 23, 2001

SUBJECT:

WRA HAULED
WASTE RECEIVING
STATION-PHASE I
DESIGN PHASE
SERVICES
AGREEMENT

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

SUBMITTED BY:

FLOYD BENTZ, P.E.
CITY ENGINEER

WILLIAM STOWE
PUBLIC WORKS
DIRECTOR

SYNOPSIS -

An agreement has been negotiated with the engineering firm of Black & Veatch (Leonard C. Rodman, C.E.O., 8400 Ward Parkway, P.O. Box 8405, Kansas City, MO 64114) to provide Phase I Design Phase Services for the Wastewater Reclamation Authority (WRA) Hauled Waste Receiving Station project. The proposed project is on a lump sum arrangement.

FISCAL IMPACT -

The proposed fee for Phase I design phase services is in an amount not to exceed \$50,000. Funding for this project is provided for on page WRA3 of the 2001-02 Capital Improvement Program (CIP) and will be made from WRA community contributions (Fund - EN267/Org - ENG990000/Project - WRA 021/Activity ID 01-2002-005).

RECOMMENDATION -

Approval.

BACKGROUND -

The Wastewater Reclamation Facility (WRF) receives industrial wastewater and septage that is hauled to the facility. This hauled waste is processed at the facility and the haulers are charged for using the facility. The revenues received offset the cost of operating the facility. The facilities currently used for offloading the hauled wastes utilize excess labor and create hazardous conditions. The WRA Technical Committee has recommended that a consultant be hired to study the hauled waste facility and determine the options that are available.

The Engineering staff has negotiated an agreement with the

professional engineering firm of Black & Veatch to perform Phase I design services on the WRA Hauled Waste Receiving Station. The facility will provide tankage, pumps, piping, and truck bays for receiving hauled industrial waste and septage. Phase I design services include evaluation of two locations, various storage, mixing, pretreatment, odor control, and pumping alternatives. Phase I also includes a present worth cost analysis for the various alternatives.

Phase II and Phase III services will be acquired by additional amendments after completion and analysis of Phase I services. Phase II services include detailed design and preparation of contract documents for the modifications. Phase III services are for professional engineering services during the bid phase of the project.
