



**Purchasing Contract  
CITY OF AUSTIN  
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.:** 30  
**AGENDA DATE:** Thu 04/07/2005  
**PAGE:** 1 of 2

**SUBJECT:** Authorize execution of a contract with MASTER TECH SERVICES, INCORPORATED, Golden, CO, for repair of cooling towers at the Sand Hill Energy Center in an amount not to exceed \$108,600.

**AMOUNT & SOURCE OF FUNDING:** Funding is included in the Fiscal Year 2004-2005 Amended Operating Budget of Austin Energy.

**FISCAL NOTE:** There is no unanticipated fiscal impact. A fiscal note is not required.

**REQUESTING** Purchasing **DIRECTOR'S**  
**DEPARTMENT:** for Austin Energy; **AUTHORIZATION:** Vickie Schubert

**FOR MORE INFORMATION CONTACT:** Martha L. Gaines, Buyer II/322-6583

**PRIOR COUNCIL ACTION:** N/A

**BOARD AND COMMISSION ACTION:** N/A

**PURCHASING:** Lowest bid of two bids received.

**MBE / WBE:** This contract will be awarded in compliance with Chapter 2-9 of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.

---

This contract is to provide all labor and materials to repair the cooling tower fill supports, coat the corroded areas in the towers, and replace fill in the towers. "Fill" is the honey comb plastic blocks that allow water to flow down through the cooling tower and air to flow up through the cooling tower, which results in cool water through evaporation. Cooling towers for the Sand Hill Energy Center Simple Cycle generation units are part of a cooling system that ensures cool air is taken into the combustion turbines. The air must be cooled during warm weather in order to achieve rated generation output and unit efficiency. The cooling towers have fill that disperse the water and allow efficient cooling. The fill became contaminated and plugged due to problems with dirt blowing into the cooling towers during construction phase of the plant. Fill is causing partial failure of the fill support beams. Additionally, other components of the tower have had excessive corrosion.

MBE/WBE solicited: 0/0

MBE/WBE bid: 0/0



**Purchasing Contract  
CITY OF AUSTIN  
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 30  
AGENDA DATE: Thu 04/07/2005  
PAGE: 2 of 2**

**BID TABULATION**

**Repair of Cooling Towers at the Sand Hill Energy Center  
IFB# MG05300004**

**Vendor**

**Master Tech Services, Inc.  
Golden, CO**

**Bid**

**\$108,600**

**Tower Tech Services, Inc.  
San Antonio, TX**

**\$139,160**

**PRICE ANALYSIS**

- a. Adequate competition.
- b. Seven notices were sent. Two bids were received. There are no MBEs/WBEs listed for this commodity.
- c. There is no comparison because this service has not been provided at the Sand Hill Energy Center in the past.

**APPROVAL JUSTIFICATION**

- a. Low bid.
- b. Austin Energy concurs with the recommended award.
- c. Advertised on the Internet.