

CIP BUDGET EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

10/20/11
Austin Energy

SUBJECT: Authorize award, negotiation, and execution of a contract with INVENSYS SYSTEMS, INC., Houston, TX for the purchase of a control system upgrade at Austin Energy's Sand Hill Energy Center in an estimated amount not to exceed \$962,430.

CURRENT YEAR IMPACT:

Department:	Austin Energy
Project Name:	Power Supply
Fund/Dept/Unit:	3220-1107-7140
Funding Source:	100% Current Revenues

Current Appropriation	442,585,809
Unencumbered Balance	23,302,750
Amount of This Action	(962,430)
Estimated Available	<u>22,340,320</u>

ANALYSIS / ADDITIONAL INFORMATION: This contract is for the purchase of an upgrade to the Foxboro Control System for the LM6000 units 1 through 4 at Sand Hill Energy Center. The Foxboro Control System operates and monitors several critical processes for the LM6000 turbines including the air emission control systems which minimize Nitric Oxide (Nox) and ensure compliance with air permits.

The existing control system hardware and software were purchased in 2000 when units 1 through 4 were commissioned. The system is obsolete and no longer supported by the vendor, and it has had several critical hardware and processor failures, which resulted in unit forced outages. This upgrade will make the unit 1 through 4 control system compatible with the upgraded control systems for the other Sand Hill units and improve unit reliability.

Invensys is the sole source for this upgrade and does not permit outsourcing of these products or services to any representatives, distributors, or third party partners.