



CITY COUNCIL AGENDA ITEM

October 12, 2010

To: John Szerlag, City Manager

From: John M. Lamerato, Assistant City Manager/Finance and Administration
Mark F. Miller, Acting Assistant City Manager/Economic Development Services
Susan A. Leirstein, Purchasing Director
Steven A. Pallotta, Director of Building Operations
Zachary Branigan LEED AP, Consultant

Subject: Standard Purchasing Resolution 1 – Award To Low Bidder: Wind Turbine Systems

Background

On October 5, 2010, two (2) bid proposals were received to furnish and install two (2) Windspire vertical axis wind turbines on the grounds of the City's municipal campus. A total of ninety-two (92) vendors were notified via the MITN system.

Carlisle / Wortman Associates, Inc under the direction of Zachary Branigan, LEED AP, AICP Associate developed funding recommendations that were approved through the Energy Efficiency and Conservation Block Grant Program.

The Energy Efficiency and Conservation Block Grant required Rapid Energy Assessment Programs to identify a series of factors where the City could realize significant energy savings. The Windspires were chosen for their vertical axis turbine design, noise level, size, power output, aesthetics, and being a Michigan made product and less expensive to install.

This project will allow the City to analyze the performance of Michigan –manufactured wind energy conservation systems. The wind turbines are intended to provide power to our next Rapid Energy Assessment Project which will be the installation of LED lighting within the Veterans Plaza located in front of City Hall.

The Windspire project will incorporate a remote data acquisition, storage and monitoring software to provide wind speed, wind direction, temperature, voltage, current, and power. It will also include a maintenance contract for three additional years covering parts and labor.



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Recommendation

City management recommends awarding a contract to the low total bidder, Bazen Electric Company, 750 Ball NE Grand Rapids, Michigan 49503, at an estimated total cost of \$28,725.00, which includes the Windspires, monitoring software, and three-year maintenance contract. Within the next year, if successful, additional Windspire systems may be contemplated pending appropriate funding levels at a cost of \$11,750.00 per unit. The award is contingent upon contractor's submission of proper insurance certificates and all other specified requirements.

Fund Availability

Funds are available in the Building Operations capital fund for building and improvements which will be reimbursed through the Energy Efficiency and Conservation Block Grant (EECBG) Program.

G:/Bid Award 10-11 New Format/Award Standard Purchasing Resolution 1 - Wind Turbines ITB-COT 10-27 10.10.doc

s/
VENDOR NAME:

** Bazen Electric	Contractors Building		
Company	Supply, Inc		

PROPOSAL: TO FURNISH & INSTALL TWO (2) NEW WINDSPIRE VERTICAL AXIS WIND TURBINE SYSTEMS

PROPOSAL A: WINDSPIRE TURBINE SYSTEMS			
Furnish & Install two new Windspire Vertical Axis Wind Turbine Systems on the grounds of the City of Troy Municipal Campus, in accordance with the specifications			
COMPLETE FOR THE SUM OF:	\$ 23,725.00	\$ 23,500.00	

PROPOSAL B: (Optional) SOFTWARE			
Furnish & install remote data acquisition, storage and monitoring software for wind speed, wind direction, temperature, voltage, current, power & sensors			
SOFTWARE W/LICENSE: Each	\$ 200.00	No Bid	
Product Name:	Windsync v 1.4		
Manufactured by:	Windspire		

PROPOSAL C: (Optional) MAINTENANCE CONTRACT			
Maintenance Contract including all parts and labor:			
Year 3	\$ 1,600.00	No Bid	
Year 4	\$ 1,600.00	No Bid	
Year 5	\$ 1,600.00	No Bid	
MAINTENANCE CONTRACT:	Attached Y or N	Y	

PROPOSAL D: (Optional) ADDITIONAL UNITS			
Cost to Furnish & Install Windspire Vertical Axis Wind Turbine Systems at additional City of Troy Locations within one year from award date:			
COST PER UNIT INSTALLED:	\$ 11,750.00	\$ 13,000.00	

COMPLETION SCHEDULE:	Can Meet Y or N	by December 31, 2010	
		Y	Y
SITE INSPECTION:	Y or N Date	N	Y 9/27/2010
CONTACT INFORMATION:	Hours of Operation 24 Hr. Phone Number	8AM-5PM M-F (616) 458-7210	8AM-5PM (231) 510-1817
INSURANCE:	Can Meet Cannot Meet but offer - Additional Cost	XX	XX
WARRANTY DOCUMENT	Attached Y or N	Y	Y
MANUFACTURERS CERTIFICATION	Attached Y or N	Y	Y

VENDOR NAME:

** Bazen Electric	Contractors Building		
Company	Supply, Inc		
PAYMENT TERMS:	Net 30	Net 10 Days w/50% due upon excavation	
WARRANTY:	1 Yr Installation 5 Yrs Windspire	5 Years Attached To Bid	
DELIVERY:	As Specified		
EXCEPTIONS:	None	Blank	
ACKNOWLEDGEMENT: Signed	Y or N	Y	Y
ADDENDUM #1 Attached	Y or N	N	N

****DENOTES LOW TOTAL BIDDER**

ATTEST:

MaryAnn Hays
Diane Fisher
Julie Hamilton

 Susan Leirstein CPPO CPPB
 Purchasing Director