


11-5-13
WALK-ON



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#13-1494

TO: Honorable Mayor & Members
Fort Lauderdale City Commission

FROM: Lee R. Feldman, ICMA-CM, City Manager 

DATE: November 5, 2013

TITLE: Motion to approve a contract for the installation of vertical axis wind turbines – invitation to bid (ITB) 643-11321 - \$169,600

Recommendation

It is recommended that the City Commission approve a contract for installation of vertical axis wind turbines and electric vehicles charging stations to the lowest cost, responsive and responsible bidder, Hypower, Inc., in the amount of \$169,600.

Background

On November 1, 2013 two responses were received to ITB 643-11321. Lowest cost, bidder Hypower, Inc. was determined to be responsive and capable of performing the work in accordance with the bid documents.

The United States Department of Energy awarded the City of Fort Lauderdale \$2,036,400 in 2009 through the Energy Efficiency and Conservation Block Grant (EECBG). The goal of this grant was to foster the use of innovative technology that would reduce energy consumption, demonstrate conservation strategies, and reduce operational expenses. Earlier this year the City allocated a portion of said funds to purchase four vertical axis wind turbines rated at 4 kilowatt (kW) along with four electric vehicle charging stations. The turbines are capable of producing a combined 36,000 kilowatt-hour (kWh) annually. The purchase, however, did not include engineering design and installation.

Staff had examined several locations for the installation of these turbines and vehicle charging stations and had determined that Mills Pond Park was an ideal location because of its central location and that it offers easy access, plenty of open space, ample parking and a high level of activity. As one of the City's busiest parks, it attracts residents from the City and throughout Broward County due to its extensive, year round adult and youth sports leagues, along with a variety of other programs and activities.

The Mills Pond Park location will enable us to expedite the installation of the turbines and vehicle charging stations. It will also allow us to closely monitor and evaluate the

operation of both items, which will help us make informed decisions regarding the feasibility of expanding them into other parts of the community.

Resource Impact

There is a fiscal impact to the City in the amount of \$169,600.

FUNDS AVAILABILITY LOCATION:

| FY | FUND | SUB FUND | FUND NAME | INDEX # | INDEX NAME | SUB OBJ # | SUBJECT NAME | AMOUNT |
|--------------|------|----------|--------------------------|------------|------------------------------|-----------|--------------|---------------------|
| 2014 | 331 | 01 | GENERAL CAPITAL PROJECTS | P11482.331 | MILLS POND PARK IMPROVEMENTS | 6599 | CONSTRUCTION | \$169,600.00 |
| TOTAL | | | | | | | | \$169,600.00 |

Strategic Connections

This item advances the *Fast Forward Fort Lauderdale Vision Plan 2035: We Are Ready*

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the **Internal Support Cylinder of Excellence**, specifically advancing:

- **Goal 12:** Be a leading government organization, managing resources wisely and sustainably,
- **Objective 3:** Provide safe, efficient and well-maintained vehicles, equipment and facilities and integrate sustainability into daily operations,
- **Initiative 4:** Implement energy management systems to reduce energy consumption and save money, and
- **Initiative 5:** Integrate energy efficient retro-fits and sustainable design elements in City facilities.

This item advances a *Sustainability Action Plan Fort Lauderdale goal*, specifically: **Energy Goal 2:** Source 20% Electricity from Renewable Energy by 2020

Attachment

Exhibit 1 – Bid Tabulation 643-11321

Prepared By: Rick Andrews, Procurement Specialist II
 Carrie Keohane, Administrative Assistant I

Department Director: Hardeep Anand, P.E., Public Works

Bid #643-11321 - Project 12008 Wind Turbines at Mills Pond Park

Creation Date **Oct 25, 2013**

End Date **Nov 1, 2013 2:00:00 PM EDT**

Start Date **Oct 25, 2013 5:53:41 PM EDT**

Awarded Date **Not Yet Awarded**

| 643-11321-01-01 Project 12008 Wind Turbines at Mills Pond Park | | | | | |
|--|----------------------------|----------|-------------------------------|--------|------|
| Supplier | Unit Price | Qty/Unit | Total Price | Attch. | Docs |
| HyPower Inc. | First Offer - \$169,600.00 | 1 / each | \$169,600.00 | | |
| Product Code: | | | Supplier Product Code: | | |
| Agency Notes: | | | Supplier Notes: | | |
| MBR Construction, Inc. | First Offer - \$434,267.00 | 1 / each | \$434,267.00 | | |
| Product Code: | | | Supplier Product Code: | | |
| Agency Notes: | | | Supplier Notes: | | |

Supplier Totals

| | |
|---|--|
| HyPower Inc. | \$169,600.00 |
| Bid Contact Bernard Paul-Hus bpaul-hus@hypowerinc.com Ph 954-917-1422 Fax 654-969-3122 | Address 5913 NW 31st Avenue Fort lauderdale, FL 33309 |
| Agency Notes: | Supplier Notes: |
| MBR Construction, Inc. | \$434,267.00 |
| Bid Contact Ed Broccoli ebroccoli@mbrconstruction.com Ph 954-486-8404 x102 | Address 1020 NW 51st Street Ft. Lauderdale, FL 33309 |
| Agency Notes: | Supplier Notes: |

** All bids/proposals submitted for the designated project are reflected on this tabulation sheet. However, the listing of the bid/proposal on this tabulation sheet shall not be construed as a comment on the responsiveness of such bid/proposal or as any indication that the agency accepts such bid/proposal as being responsive. The agency will make a determination as to the responsiveness of the vendor responses submitted based upon compliance with all applicable laws, purchasing guidelines and project documents, including but not limited to the project specifications and contract documents. The agency will notify the successful vendor upon award of the contract and, as according to the law, all bid/proposal responses received may be available for inspection at that time.