CAMERON COUNTY PURCHASING
1100 E. Monroe St,
Brownsville, Texas 78520
(956) 544-0871 Fax: (956) 550-7219

ADDENDUM # 2 - PAGE 1 of 3

Date out : 1/21/11

RFP # 110102

ENERGY EFFICIENT WIND TURBINES & SOLAR LIGHTS (COUNTY PARKS)

DEADLINE: JANUARY 25, 2011

(IN ORDER TO AVOID DISQUALIFICATION – ALL ADDENDUMS MUST BE SIGNED AND RETURNED BY DEADLINE AND INCLUDED IN THE SEALED BID PACKAGE SUBMITTED)

CHANGE SECTION 1 - SCOPE
TO:

SEE ATTACHED PAGE 2 & 3

Company Name_____ Phone # _____
Vendor Signature_____ Date _____

Must include and return with RFP package

CAMERON COUNTY
PURCHASING DEPARTMENT
REQUEST FOR PROPOSALS

RFP NUMBER : 110102

RFP TITLE: ENERGY EFFICIENT WIND TURBINES & SOLAR LIGHTS – COUNTY PARKS

Rev: Addm #1

DATE DUE: ~~JANUARY 25, 2011~~ FEB 1, 2011 **DUE NO LATER THAN 10:00 A.M.**

SECTION 1 ~ <u>AMENDED SCOPE</u>

This request is for a Corporation to assist the County in installing and implementing Energy Efficient lights and Wind Turbines for County Parks and Park Facilities in coordination with continued development, all submittals and final implementation of the American Reinvestment and Recovery Act (ARRA) Energy Efficiency and Conservation Block Grant (EECBG) that has been awarded to Cameron County.

The objective in issuing this Request for Proposals (RFP) is to solicit qualifications from companies that have the experience and capability in successfully installing LED Lights and Wind Turbines including financial management assessment, completing environmental questionnaires, an energy efficiency conservation strategy as well as implementing the strategy. The Company will be responsible for the installation, including its component, which are likely to result in maximum energy efficiency improvements, fossil-fuel emission reductions, economic benefits and total energy use reduction in La Paloma Park, Cameron Park and Brown Rd. Social Service Facility; Parks across Cameron County.

<u>WIND TURBINE</u> -

- Wind Turbine Systems for La Paloma Park, Cameron Park and Browne Rd Social Services (3 Wind Turbines Total)
- 5kw (x2) & 2kw (x1) Wind Turbine System, Grid Connected System
- Pole should be 49 Feet Tall
- Adjustable Pitch Blades that adjust their angle according to wind speed
- Single Pole Element with no Guy Wires on Design
- The pole should include a maintenance bay on top to access the Wind Turbine in the event of an emergency
- The Pole should include an attached ladder that can be removed; to prevent vandalism
- 5 year maintenance should be included on the Wind Turbine
- Wind Turbine should be Hurricane Ready (removable blades)
- Materials for the Wind Turbine should be Cast Iron and Solid Steel with the exception of the blades which should be Plastic and fiberglass made.
- Automatic Breaking with Mechanical and Electrical Components should be available
- Manual Break should be located on the base of the pole
- Hybrid Inverter Capability (the option to add Solar Panels)
- Hydraulic Lift available in order to lower or raise the pole (for long term maintenance purposes and/or nature disasters)
- UL 1741 Compliant

- Vendor will request the permit from the local electric company for Net Metering
- Wind Gust Resistance of over 120mph with applied brakes

LED LIGHTS –

- LED Chip technology based lights to replace wall packs, Park lighting and parking lot lights (where applicable); 50,000 to 100,000 hours of use rating with specially design thermal fixture
- High Luminance low watts
- Directional Light fixture
- 100% Lighting coverage vs incandescent lighting
- UL and CE Certification on the fixtures
- Ensure Air Ventilation inside fixture readiness
- Die Cast Metal Aluminum Fixture Material to prevent Corrosion
- IP65 International Standards Readiness
- No Glare Technology

ADDITIONAL REQIREMENTS:

- All companies responding to this RFP (RFP NUMBER : 110102) must have the experience and capability in successfully applying for and developing ARRA energy efficiency projects, including financial management assessment, completing environmental questionnaires, **Federal (ARRA) reporting requirements** and delivery schedules, an energy efficiency conservation strategy as well as implementing the strategy. This information will be formatted as part of the American Reinvestment and Recovery Acts (ARRA) Energy Efficiency and Conservation Block Grant (EECBG).

- BUY AMERICAN ACT – 41. U.S.C. 10a-10d

ARRA-recipient shall comply with the Buy American Act as applicable located at:
http://www.acquisition.gov/FAR/current/html/subpart%2025_6.html