

# African Green Developments

Exclusive Distributor in Africa For

## **Green Power Worldwide (GPW)**

### Power Generation Project Planning

*Pre-Qualification Questionnaire*

*Electrical Equipment and Energy Services  
for  
Power Development Projects*

# POWER GENERATION PRE-QUALIFICATION QUESTIONNAIRE

Company Name

Contact Person  Title

Address

City  State/Province  Zip Code

Country  E-Mail Address

Telephone #  Fax #

Primary Business of Company  Company is a:

## **I. PROJECT DEFINITION**

**A.** Type of Plant Requested

Site Location (Please Be Specific)

**B.** What Power Rating is Required at Site Conditions?

What is the Voltage Required?   Hz Estimated Power Factor Required?

What is the Altitude of the Site?   Above Sea Level Plant Availability Required?

What is the net plant heat rate expected?

Annual energy usage?   What is your peak electrical demand?

**C.** What is the intended use or application for the facility?

**D.** If a Cogeneration facility is required:

(I) What kind of process will the steam be used for?

(II) Steam Requirements:

(a)

(b)

- E. What is the average monthly temperature of the location where the plant will be situated?
- January  February  March  April  May  June
- July  August  September  October  November  December
- F. What is the ambient relative humidity of the region (%)
- G. What are the emission requirements, if any?  Have air permits been granted?
- NOx  CO  SOx  Other
- H. What is the required startup date of the facility?
- I. What type of equipment would you consider for the project?  New  Used  New Surplus  Rebuilt
- J. What kind of contract would you consider for the project?  Investment Only  Operations & Maintenance  
 Design / Build (or EPC)  Turnkey Contract  Outsourcing  Procurement of Prime Movers Only
- K. What is the soil composition?  (i.e. Sand, Clay, Rock, etc...)

## II. FUEL & OTHER ITEMS

- A. What type of fuel will the project utilize?
- B. What is the daily supply amount for the fuel to be used?
- C. What is the cost basis of the fuel? US\$
- D. Can the price of fuel in II-C be contracted for the term of the financing?
- E. What is the distance of the fuel source in relation to the location of the project?
- F. How will the fuel be transported to the site?
- G. What are the costs associated with transportation listed in item II-F above? US\$
- H. Is a composite fuel analysis available?
- If so, please submit with this Questionnaire!!
- I. Water Source?
- J. Nearest or speculated grid?   Voltage? (V)

**III. FINANCING**

- A. Has financing been arranged?  If so, what is the funding source?
- B. If financing has not been arranged are you interested in financing?
- C. If financing will be required, who will be the guarantor of the financing contract?
- D. Can the project be structured on a "Take or Pay" basis?
- E. What terms of financing are required?
- F. Would O&M services need to be provided for the same amount of time as the financing contract?

**IV. SERVICE OFFERINGS REQUIRED**

Please check all that apply  Strategic Consulting  Energy Management  Energy Supply Management  
 Program Management & Implementation

**V. MISC.**

- A. Please provide contract copies for each type of energy purchased by your facility (i.e. electric, gas, steam, fuel oil, etc..)
- B. Do you have a Certificate of Need for the proposed plant?
- C. Please provide a list of active participants currently involved in the project.

(Name, Title, Phone #)


**VI. OUTSOURCING**

A) Is your facility being faced with any of the following energy-related challenges?

- Energy is a significant cost center?
- On-Site generation facilities are aging?
- Capacity is limiting?
- Utility cost is not a competitive advantage?
- Electricity deregulation benefits are questionable and do not fully address thermal needs?
- Capital is very tight and is required for core business functions?

**VII. POTENTIAL PROJECT BENEFITS**

A) What impact will the new project have on your company plans objectives (Check all that apply)?

- Reduce Production Cost     Maximize Asset Value     Use 3rd party to finance project improvements
- Increase Shareholder Value     Generate Cash     Meet Expansion Requirements
- Capture Market Opportunity     Shed Risk / Responsibility of O & M and or Fuel Procurement
- Environmental Compliance     Impact Energy Supply Reliability

**Are there any other important factors to be taken into consideration for this project?  
If so, please summarize below.**

**Please complete and return by email to: [info@greenpower-worldwide.com](mailto:info@greenpower-worldwide.com)**

Date Submitted