

Power Generation Project Planning

Pre-Qualification Profile

Electrical Equipment and Energy Services

For

*Domestic & Overseas Based
Power Development Projects
Steam/Gas /Biomass*



RTC POWER GENERATION PRE-QUALIFICATION QUESTIONNAIRE
For Domestic & Overseas Based Alternative Energy Facilities and Projects

COMPANY _____

CONTACT _____ TITLE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

COUNTRY _____ TELEPHONE _____

FAX _____ E-MAIL _____

Primary Business of Company _____

Company is: _____ Corporation _____ Partnership _____ Government _____ Other _____

I. PROJECT DEFINITION

A. Type of Plant Requested _____ Diesel Generator _____ Combustion Turbine/Gen. (Simple Cycle)
_____ Biomass Facility _____ Barge Generation _____ Combustion Turbine/Gen. (Combined Cycle)
_____ Co-Generation _____ Geo-Thermal Power _____ Steam Plant _____ Solar/Wind Power
_____ Other [Please specify]

B. What Power Rating is required (megawatt, kilowatt at ISO)? _____
What frequency and voltage is required? _____ What is the estimated power factor? _____
What is the altitude of the power plant location? _____ feet above sea level _____
What plant availability is required? _____ 80% _____ 85% _____ 90% _____ Above 95%
What is the net plant heat rate expected? _____ Btu/kWh _____
What is your annual electric usage? _____ MW/H/Yr. _____
What is your electric peak demand? _____ MW/H _____

C. What is the intended use or application for the facility? _____ Emergency/Standby generation _____ Peaking Plant
_____ Merchant Plant _____ Commercial/Private _____ Baseload

D. If Cogeneration facility is required

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

(II) Steam requirements

(a) _____ lb/h _____ psig _____ °F

(b) _____ lb/h _____ psig _____ °F

E. What is the average monthly temperature (°F) of the location where the plant will be situated?

January _____ February _____ March _____ April _____ May _____ June _____
July _____ August _____ September _____ October _____ November _____ December _____

E. What is the ambient humidity of the region _____% relative humidity?

F. What are the emission requirements, if any NOx _____ CO _____ SOx _____
Other _____ Have air permits been granted? _____

G. What is the required startup date for the facility? _____

H. What type of equipment would you consider for the project? _____ New _____ Surplus _____ Used/Rebuilt

I. What kind of contract would you consider for the project? _____ Investment Only _____ Total Energy Management
_____ Design / Build (or E/P/C) _____ Turnkey Contract _____ Outsourcing
_____ Professional Services Agreement _____ Procurement of Prime Movers Only

J. What is the site elevation? _____ Ft.

K. What is the site soil composition? _____ (i.e. Sand, clay, rock etc.)

L. Have you or your client engaged an engineering firm? Is so name? _____

II. FINANCING

A. Has financing been arranged? _____ Yes _____ No If so, What is the funding source? _____

B. If financing has not been arranged are you interested in financing? _____ Yes _____ No

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? _____ Yes _____ No

E. What terms of financing are required? _____ 5 Years _____ 10 Years _____ 15 Years _____ Other Term _____ Years

F. Would O&M services need to be provided for the same amount of time as the financing contract? _____ Yes _____ No

III. FUEL

A. What type of fuel available for the project? _____ Natural Gas _____ Diesel #2 _____ HFO
_____ Naphtha _____ Coal _____ Other (Describe) _____

B. What is the daily nomination and commitment for the fuel to be used? _____

C. What is the cost basis of the fuel? US\$ _____ / gallon US\$ _____ / MCF US\$ _____ / Ton

D. Can the price of fuel in III-C be contracted for the term of the financing? _____ Yes _____ No

- E. What is the distance of the fuel source in relation to the location of the project? _____ Miles
- F. How will the fuel be transported via? _____ Pipeline _____ Truck _____ Barge _____ Other _____
- G. What are the costs associated with transportation listed in item III-F above? US\$ _____
- H. If fuel other than natural gas is utilized:
 - i. What is the lower heating value of the fuel utilized? _____ Btu/lb.
 - ii What is the sulfur content? _____% (Fuel oils only) What is the vanadium content? _____ %
 - iii. Is a composite fuel analysis available? _____ yes _____no
- I. Can the power plant be located in close proximity to the fuel source? _____Yes _____No
- J. Water Source? _____River _____ Well _____ Municipality _____ Other _____
- L. Nearest or speculated grid? _____ Distance (Miles) _____ Voltage _____ Capacity _____

IV. SERVICE OFFERINGS REQUIRED

Please check all that apply _____ Strategic Consulting _____ Program Management & Implementation
 _____ Energy Supply Management _____ Capital Services _____ Total Energy Management

V. Legal

- A. Please provide contract copies for each type of energy purchased by your facility (i.e., electric, gas, fuel oil, steam, etc...)
- B. Do you have a Certificate of Need for the proposed plant? _____Yes _____ No
- 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? _____Yes _____ No

- On-Site generation facilities are aging? Yes No
- Capacity is limiting? Yes No
- Utility cost is not a competitive advantage? Yes No
- Electricity deregulation benefits are questionable and do not fully address thermal needs? Yes No
- Capital is very tight and is required for core business functions? Yes No

VII. POTENTIAL PROJECT BENEFITS

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

- Reduce production costs
- Increase shareholder value
- Capture market opportunity
- Environmental compliance
- Maximize Asset Value
- Generate Cash
- Shed risk/responsibility of O&M and/or fuel procurement
- Impact energy supply reliability
- Use 3rd party to finance project improvements
- Meet expansion requirements

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

PLEASE COMPLETE AND RETURN BY EMAIL TO: INFO@RENEWABLETECHCORP.COM OR FAX TO: 813- 433-2423