

Renewable Energy Project Planning

Pre-Qualification Profile Questionnaire Equipment and EPC Services

For

Domestic & International Biomass/Cogeneration Power Projects



RTC POWER GENERATION PRE-QUALIFICATION QUESTIONNAIRE

For Domestic & International Biomass and Cogeneration 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 _____ Cogeneration _____ 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 NO_x _____ CO _____ SO_x _____

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 — 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 state below.

PLEASE COMPLETE AND RETURN BY EMAIL TO: Info@RenewableTechCorp.com OR e-FAX TO: +1 (334) 370-4030