



Power Generation Project Planning Questionnaire

Pre-Qualification Profile

Electrical Equipment and Energy Services

For

*Domestic and Overseas
Power Development Projects
Steam / Gas / Biomass*

POWER GENERATION PRE-QUALIFICATION QUESTIONNAIRE

For Domestic and Overseas Based Power Facilities and Projects

COMPANY _____

CONTACT _____ TITLE _____

ADDRESS: _____

CITY: _____ STATE _____ ZIP _____

COUNTRY _____ TELEPHONE: _____

FAX: _____ E-MAIL: _____

Primary Business of Company: _____

Check One _____ Corporation _____ Partnership _____ LLC _____ Government Agency _____ Municipality

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

_____ Peak Shaving Plant _____ Medium Duty _____ 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? ___ Yes ___ No If no, has permit be applied for? ___ Yes ___ No

G. What is the required COD for the facility? _____

H. What type of equipment would your 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 yes, what is the funding source? _____

B. If financing has not been arranged are you interested in financing? ___ Yes ___ No. If Yes, Debt ___ Equity ___?

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 ___ Heavy Fuel Oil

___ 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

K. Nearest or speculated grid? _____ Distance (Miles) _____ Voltage _____ Capacity _____

L. Is there a substation nearby _____ Yes _____ No If Yes, how far do you estimate? _____

IV. SERVICE OFFERINGS REQUIRED

Please check all that apply _____ Strategic Consulting _____ Project Management _____ Design Engineering
_____ Construction _____ Procurement _____ Start-Up _____ Operations & Maintenance _____ TDI ?

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, Email and Phone #)
