Appendix F – Respondent Questionnaire

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Project Overview

Provide a reasonably thorough summary description of the proposed project, including, but not limited to,

1. The proposed location,
2. Site description,
3. Generation technology,
4. Original COD of facility (existing only)
5. Nameplate capacity and the capacity of the proposed Facility at Summer Conditions,
6. Water source(s),
7. Fuel supply and transportation source(s),
8. Backup fuel storage
9. Plan for engineering/procurement/construction,
10. Environmental compliance and permitting,
11. Status of electric and other utility interconnection,
12. Financing plan,
13. O&M plan,
14. Any tax incentives utilized,
15. Current or future ownership or joint ownership of the resource,
16. Non-standard project components/considerations, and
17. The minimum PPA term is 20 years. If the Response is for a term of less than the expected life of the resource or 30 years, whichever is less, then provide terms (e.g., pricing details) associated with a contract extension that provides the option to extend the term to the lesser of 30 years or the expect end-of-life date.

Operations

1. Describe the anticipated operations and maintenance expectations and philosophy for the project after project completion, including, without limitation, the use of any third-party operator and any long-term service agreement with respect to any of the plant equipment.
2. For an existing facility, provide:
   (If the proposed facility is a CCGT, provide data in the aggregate along with individual combustion turbine(s) statistics)
   - Five years of historical operations and maintenance cost data
   - Seasonal (summer/winter) net output rating (MW),
   - Five years of historical capacity factor data,
   - Five years of historical equivalent availability data,
   - Five years of historical forced outage rate data,
   - Scheduled outage rate,

- Deratings,
- Seasonal net plant heat rate, and
- Forecasted five-year scheduled maintenance cycle

3. Discuss the on-site spare part inventory strategy and major parts list that exists or, if a future project, that is anticipated.
4. Confirm that the proposed operational range of the unit is under Automatic Generation Control (AGC).
5. Does the proposed facility include Black Start capability?
6. Outline considerations associated with potential economic and reliability curtailments as directed by JEA.
7. For a PPA, provide details regarding the fixed and variable O&M costs included within the Response pricing.
8. For Off-System BTA or APA proposals, provide scope and terms of a proposed O&M Agreement. It must include:
    - Information regarding a fuel plan
    - Information regarding a transmission plan (if applicable) per rules in Appendix B
    - Plan to address EPA's current Greenhouse Gas rule (GHG Rule)
    - Details regarding major planned maintenance
    - Details regarding annual performance testing

Respondent's Experience

1. Provide a description of Respondent's and all relevant Affiliates' background and experience, including the key project team members.
2. Provide list of relevant projects that key project team members have had direct responsibility for development (development Responses only). Provide both individual experience and experience with the Respondent company.
3. Provide a list of sites and description of the project where Respondent has developed (development only), built (development only), operated, and/or maintained a project with the generation technology included in Respondent's Response.

Project Development (Development Project Only)

1. Has a preliminary or detailed engineering design study been performed for the proposed facility? If so, please provide the study. If not, when is this activity expected to be completed?
2. Provide a detailed project schedule that includes major milestone events and critical path activities to achieve the successful completion of the project, including:
    - Initiation and completion of environmental site studies
    - Execution of site control

- Receipt of major permits (including air permit).
- Execution of major project contracts (e.g., interconnection or deliverability contracts, EPC contract, site purchase)
- Financial Closing
- Full Notice to Proceed ("FNTP")
- Receipt of Buyer's regulatory approvals
- Delivery of major equipment
- Transmission queue entry requirements or required studies.
- Major milestone schedule for any transmission upgrades.
- Expected Mechanical Completion date
- Commercial Operation Date
- Delivery Term commencement date (PPA Responses)

3. How much contingency is included within the proposed schedule?
4. Indicate the accuracy of the estimate used in the development of the Response (for example, Class 1 through Class 5)
5. For an BTA or APA, provide a compensation and custody transfer plan for BTA proposals (if sole ownership will transfer to JEA).
6. Provide Respondent's commissioning plan.
7. For a BTA or APA, provide Respondent's plan for acceptance and testing of the facility (if sole ownership transfers to JEA).

Insurance

Define the assumed insurances and levels for the project included within the Response, including:

- Workers' compensation,
- Commercial general,
- Employer's and automobile liability, and umbrella excess liability,
- Builder's Risk
- All-Risk Property, and
- any additional insurance coverage.

Site Control

Please describe the status of the proposed project site, including the following:

1. Confirm whether the project site (including required easements) is under the legal control of the Respondent and provide evidence of such control.

2. Confirm that the site control covers the entire term of the Response or the anticipated life of the asset.

3. If the site or needed easements is not currently under the legal control of Respondent, describe the process required to gain control and provide an assessment of the risk related to gaining control of the site.
4. Provide a site map indicating the expected boundary of the full project site, indicating which parcels are currently under Respondent's control and which are not.
5. Provide evidence that the project site is properly zoned for the project and the use contemplated by this RFP.
6. Is the proposed project site within a floodplain? If so, identify the FEMA zone and the corresponding level of exposure.

Safety

1. Provide a copy of Respondent's corporate safety policies applicable to the project and the work, including safety and security policies utilized at project sites.
2. Provide metrics for safety for the last three (3) years for the Respondent and any of Respondent's proposed or expected prime contractors and subcontractors, including:
    - Total recordable incident rate (TRIR),
    - Days Away Restricted or Transferred (DART),
    - OSHA willful or serious citations,
    - Near-miss incidents, and
    - Fatalities
3. Confirm that Respondent understands that JEA

Interconnection and Deliverability

1. Provide the proposed resources point of interconnection to the transmission system.
2. Provide the proposed point of delivery to the JEA transmission system.
3. Provide any interconnection studies completed to date. If none, what is the status of the interconnection process for the project.

4. On-System Resources Only

- Provide estimated costs of transmission facilities from the proposed resource to the interconnecting substation.
    - Confirm that these costs are accounted for within Response pricing.
- Confirm that no interconnection upgrade costs at the substation are included within the Response pricing.

- Provide any estimates of these costs available from any completed or ongoing studies.

- Confirm that no costs associated with impacts to the JEA System are included within the Response pricing.
  - Provide any estimates of these costs available from any completed or ongoing studies.
- Confirm that no costs associated with impacts to the JEA System are included within the Response pricing.
  - Provide any estimates of these costs available from any completed or ongoing studies.
- Provide estimated costs to mitigate any impact to 3rd party transmission system due to export power, if applicable.
  - Confirm that these costs are accounted for within Response pricing.
- Provide estimated costs for any required 3rd party transmission service, due to export power, for full duration of the proposed contract, if applicable.
  - Confirm that these costs are accounted for within Response pricing.

5. Off-System Resources Only

- Provide estimated costs of all interconnection facilities associated with the proposed resource.
  - Confirm that these costs are accounted for within Response pricing.
- Provide estimated costs associated with all required transmission service, for the full duration of the proposed contract, between the proposed resource and Delivery Point on JEA's system.
  - Confirm that these costs are accounted for within Response pricing.
- Provide estimated costs associated with all impacts to other utility transmission systems for interconnection and delivery of energy to JEA.
  - Confirm that these costs are accounted for within Response pricing.
- Confirm that no costs associated with impacts to the JEA System are included within the Response pricing.
  - Provide any estimates of these costs available from any completed or ongoing studies.
- Confirm that no costs associated with impacts to the JEA's import and export capabilities are included within the Response pricing.
  - Provide any estimates of these costs available from any completed or ongoing studies.

6. For all costs provided above, provide a narrative on how these costs were developed, including the types of studies completed, and whether contingency and escalation (including magnitude) were accounted for within the estimates.
7. For all costs provided above, indicate the accuracy of the estimate used in the development of the estimated costs (for example, Class 1 through Class 5).
8. Provide the estimated timeline for completion of each estimated upgrade provided above. Confirm that Response accounts for the timeline required for interconnection and delivery of the resource to the JEA transmission system. Within the timeline include:
   - Transmission queue entry requirements or required studies.

- Major milestone schedule for any transmission upgrades.

9. Other than costs to be estimated by JEA, confirm that Respondent has agreed to accept the risk that the final interconnection and transmission costs may exceed the costs included in the Response pricing and that the interconnection and transmission upgrades may be completed later (or earlier) than scheduled or expected.
10. To the extent the proposed facility is located outside of Florida, provide the methods for which the power transfer under contingency conditions will be seamlessly maintained for JEA.
11. Confirm that the Respondent understands and has accounted for the process requirements outlined in Appendix B - Transmission Interconnection and Deliverability Considerations.

Environmental

1. Provide a list of all environmental, construction and operation permits required for the proposed project. Please provide a copy of any permits received for the project to date.
2. Provide a description of the status of environmental studies completed, underway, or planned.
3. (Development Resource) Provide evidence that Respondent has completed all permitting due diligence necessary to prepare to apply for all required permits (e.g., a copy of the draft permit application(s) or a summary of the permit application requirements including how those requirements will be met).
4. Discuss Respondent's strategy to provide sufficient annual emission allowance allocations issued under federal, state or local law and applicable rules, regulations, and orders as necessary to meet the unconstrained scheduling of energy from the proposed unit or units. Discuss the how these costs are included in the Response and how future changes in such costs would impact the sales price.
5. (Existing Resource) Does the resource have an Environmental Management System in place? If so, please describe the system in detail.
6. (Existing Resource) Describe any pending permit-renewal proceedings, any pending requests for modification, and any expected hurdles to re-issuance.
7. (Existing Resource) Provide copies of any facility or site environmental audit reports, including results and corrective actions (including audits conducted internally and externally by federal or state agencies).
8. (Existing Resource) Have there been any compliance actions as a result of prior environmental audit findings?

Fuel Supply and Transportation

1. Identify what natural gas pipelines are available to or are currently interconnected to the facility.
2. (Development only) Have the Precedent, Firm Transportation, and interconnect agreements been completed? If so, please provide a copy of the contract(s). If not, when is this activity expected to be completed?
3. (Development only) For each pipeline that's expected to be utilized, provide an estimated timeline to the project, with key milestones for approvals to completion. If existing assets are to be considered, describe any modifications that might be necessary for this project.

4. (Development only) Identify the cost estimate to interconnect the resource with each natural gas pipeline that would be directly interconnected to the project.
5. (Existing only) Provide the projected delivered fuel costs, for the next five years, broken out by commodity and transportation.
6. (Existing only) Provide a list and summary of all commodity, transportation and storage tariffs and/or agreements. At a minimum, include counterparty name, execution date, contract term, transportation type, and cost for each that will be utilized to serve this facility.
7. (Existing only) Provide the current pipeline infrastructure, design capacity and contractual arrangements for all pipelines interconnected to the facility.
8. Provide evidence that the natural gas pipeline(s) that would serve the project can provide firm capacity as well as necessary flexible flow parameters that would meet the operating design parameters of the unit, such as gas quality, and identify any additional services offered by the pipeline (e.g., non-ratable service, swing capability, imbalance provisions) and level of firm deliverability (e.g., primary firm, secondary firm, any access to storage) and any other aspects that could meet the appropriate level of reliability.
9. Provide an assessment of liquidity and basis to Henry Hub for all receipt points included in firm transportation arrangements.
10. Provide details regarding plan to meet backup fuel requirements including availability of fuel, storage, etc., as well as Respondent's plan for replenishment of supply during an extended extreme event.
11. Describe in detail the means Respondent has proposed to achieve reliable fuel supply to enable firm reliable energy and capacity delivery. Include details regarding firm interstate transportation options, non-firm transportation options, firm delivered commodity agreements, and any other supply-side options that Respondent has available. Also provide any measures that Respondent might use to optimize transportation assets as well as commodity supply agreements when not required to serve load.
12. Provide details regarding all gas source basins serving the project, all existing gas line capacity used (interstate and local) by name including origin and delivery points, any proposed gas lines required for project (interstate and local) including a description of origin and delivery point, any commodity or transportation agreements including reservation quantity, cost, terms and status of contracts (existing, in negotiation, proposed, estimated, etc), and any other information required for JEA to evaluate the risk, reliability and cost of Respondent's fuel plan.
13. Provide a breakout of gas transportation costs and quantities accounted for within the Response.
14. Confirm that 5 days of full-load on-site backup fuel storage and 5 days of demineralized water storage and/or installed demineralized water production capacity are included. Describe fuel storage and unloading facility capability and capacity and demineralized water production/storage capability and capacity in some detail.

Financing

Provide a complete financing plan that covers the total project costs of the facility being proposed. If the Response involves an existing facility financed on a limited recourse basis and not in a utility rate base, the section must include, if accurate, adequate justification that the owning project company (if it exists) and the parent company are in good financial health and at the time the Response is made, is in no danger of default on project loans.

Include all data required to assess creditworthiness per the specifications included in Appendix G, including the following:

- Provide an overview of the financing plan for the project including proposed debt and equity percentages and the expected sources of debt and equity.
- Confirm the methodology of which the Respondent will meet credit requirements outlined in Appendix G.
- Provide audited financial statements of the Respondent from the last three full fiscal years.
- Provide evidence of an investment grade long-term, senior unsecured debt rating meeting the requirements in Appendix G, if available.
- If the Respondent plans on using a Parent Guarantee to meet credit requirements, provide 1) evidence of the guarantor's relationship to the Respondent, 2) audited financial statements from the last three full fiscal years of the guarantor, and 3) evidence of an investment grade long-term, senior unsecured debt rating meeting the requirements in Appendix G, if available.
- If the Respondent plans on using a Letter of Credit to meet requirements laid out in Appendix G, confirm that the Response includes the cost associated with such Letter of Credit.

GHG Rule Compliance

1. Provide a description as to how the Response complies with EPA's current GHG rule.
2. Does the Response include any options for alternative compliance measures for the GHG Rule?
    a. If the Respondent is including GHG Rule options (e.g., carbon capture and sequestration, hydrogen) provide detailed information to allow JEA to comprehensively assess this option, including:

For APAs or BTAs, provide detailed implications of burning hydrogen to the following economic terms:

- Capacity Rating (MW) (Summer/Winter)
- Heat Rate
- Purchase price
- Capital or O&M expectations
- Fuel mix
- Other

For PPAs, provide detailed implications of burning hydrogen to the following economic terms:

- Capacity Rating (MW) (Summer/Winter)
- Capacity Rate ($/kW-yr)
- Energy Rate
- Variable O&M Rate
- Start Charge
- Start Fuel
- Fuel Mix
- Other

3. Does the project site provide for the possibility for hydrogen storage, onsite production, or hydrogen/natural gas blending equipment?
    a. Does the proposed facility include the possibility of future conversion to hydrogen fuel?
4. Does the project site provide for the possibility for carbon capture and transport (CCT), or carbon capture and sequestration (CCS)?
    a. Does the proposed facility include the possibility of future conversion to CCT/CCS?
5. Provide any additional detail that would help JEA consider optionality for options to address the GHG Rule in the context of the Respondent's Response.