

Attachment I - Technical Submittal

Provide a set of information in accordance with the details below and Attachment A, the Project Contract.

I. Plant(s) Description and Timeline

A. Plant(s) Description

Provide a high-level overview of the Plant(s) including:

1. Plant(s) (project) name.
2. Nameplate capacity (in MW) of the entire Plant(s). If the Plant(s) has phases, provide the capacity of the phase or phases you propose for the Procurement Team.
3. Brief description of the technology to be used (e.g., “2 MW wind turbines manufactured by XX” or “ground-mounted single-axis tracking PV manufactured by YY”).

B. Plant(s) Location

Provide location of the Plant(s). The Plant(s) must be in the PJM territory with a preference for a Plant(s) located as close to Philadelphia as reasonably possible. The Procurement Team will consider a Plant(s) that are currently operating. In addition, provide the following:

1. Longitude and latitude of the Plant(s) site, and the name of the nearest city or town.

C. Development Status of the Plant(s)

A narrative description of the status of the Plant(s)’s development, including an anticipated schedule of any major agreements, studies, or permits (including land use permits, local permits, and status in the PJM queue) needed or already in place. Please provide details of the Plant(s)’s position in the PJM interconnection queue and if it is past position AF. Include a description of Proposer’s control of the Plant(s)’s site (own vs. lease). If the site is leased, describe the remaining term of the lease(s) and any material conditions related to the lease(s). The Proposer should clarify their intent for ownership of the Plant(s) and state any intentions to sell the Plant(s) following construction or thereafter for the lifetime of the agreement.

If the Plant(s) is a partially developed project, the Proposer must indicate their queue position and an EOP for the operations of the project must be shared. If the Plant(s) is an undeveloped project, the Proposer must implement an EOP for construction and operation by using diverse subcontractors and hiring of workers that ensure the employment of an appropriately diverse workforce. If the Plant(s) is already operational, the Proposer must share an EOP for the operations of the project as applicable.

D. Plant Schedule and Planned Commercial Operation Date

Provide a summary schedule for the Plant(s) and Contract signing. Any Contract will require City Council approval. The Plant(s) must provide a commercial operation date (or start of electricity delivery if the project is already in operation) no sooner than July 1st, 2025, but before 2030. Provide an expected commercial operation date with an outline of potential delays and risks attributable to permitting, interconnection, inspections, or other requirements. Proposers must provide a discussion of how the tax credits associated with the 2022 Federal Inflation Reduction Act will impact pricing and project development.

E. Renewable Attributes

Provide a summary of renewable energy attributes attributable to the Plant(s). The

Procurement Team must obtain title to all RECs associated with the Procurement Team's purchase of renewable electricity from the Plant. Responsibility to register, track, input, and manage the creation of RECs to meet Pennsylvania AEPS requirements shall be the responsibility of the Proposer prior to their transfer to the City PJM GATs account. Identify if Proposer can provide certification or additional attributes associated with the renewable energy attributes (Green-e®, etc.).

F. Operational Data and Development Status

Please provide operational and development data and information as requested in Attachment H.

II. Organization Chart and Project Team Members

A. Organization Chart

Submit an organizational chart that clearly identifies the roles and relationships of all key team members and current planned subcontractors. Demonstrate, with narrative and references, that the team has satisfactorily completed similar Plants in the past. Notify the Procurement Team and explain claims of any kind which may be pending against such work.

B. Team Member Qualifications

Describe the relevant experience, qualifications, and educational background of up to ten (10) individual team members assigned to this project. Demonstrate, with narrative and references that team members and personnel have satisfactorily performed similar work in the past.

C. Project Work Plan and Milestones

Describe your proposed management plan for building the Plant(s), if necessary.

D. Safety Report

Submit a record of your firm's relevant experience related to safety during construction and operations.

E. Annual Report

Submit a copy of your firm's most recent annual report.

F. Project History and Client References

Provide at least three and no more than five client references. Each client reference shall include the following information:

1. Plant Name and Location
2. Types of Plant, Size, Output, and Capacity Factor (expected and actual)
3. Total Project Dollar Amount (installed project costs or PPA terms)
4. Construction Start and End Dates
5. Personnel associated with this project and their specific roles and responsibilities (limit to those proposed for this project)
6. Current name, title, telephone number, and email address of a representative with whom your firm did business on the project

G. Subcontractor Qualifications

If known, provide background information for each of the identified subcontractors who will be involved on this project during construction or operation. Information should include the following:

1. Firm's Name, Type, Location, Project Contact(s), Federal EIN, Year Firm was Established, Parent Company
2. Firm History on similar projects, including contract values
3. Resumes of the principal individuals who will be directly involved in this project
4. Firm's previous history working with the Proposer (if applicable)
5. Information on whether the company is a M/W/DBE as registered with the City of Philadelphia or other organization

III. Contract

A. Transaction characteristics

The Procurement Team desires that its procurement of renewable energy and RECs have the characteristics outlined in the Project Contract (Attachment A). The Proposal must explicitly state that the Proposer understands and agrees to the characteristics described in this section and provide additional Plant(s) details where requested in the Contract.

IV. Financial and Business Experience Summary

A. Description of Proposer

Provide Proposer's corporate name and address as well as the name, title, email address, and phone number for the primary point of contact for the Proposal.

B. Description of Financial Terms

Please provide the following:

1. Proposed Pricing (including an escalator, if any) and options
Proposers must provide a discussion of how the tax credits and/or direct payments associated with the 2022 Federal Inflation Reduction Act will impact pricing and project development.
2. Proposed Settlement location: PECO Transmission Zone or project PNode. If the project is outside of the PECO Transmission Zone, provide pricing for both PECO Zone Settlement and PNode Settlement.
3. Proposed Contract duration
4. Congestion study illustrating potential for basis risk under various scenarios performed by a reputable consultant satisfactory to the Procurement Team.

C. Descriptions of Proposer's financial strength and capabilities

Provide a narrative description of the sources of financing for the development of the Plant(s), and identification of the entity that will be the Plant(s)'s controlling owner. Additionally, provide the following:

1. The total number of renewable energy projects placed in service by Proposer,

including the capacity, location, and type.

2. Proposer's financial capacity to secure equity for the project and manage all elements of the project development (including construction).

3. Provide Proposer's credit rating from each rating agency if available.

4. If applicable, provide necessary documents for the Procurement Team to perform all diligence required to obtain comfort with the parent guaranty, ownership and/or LLC structure provided by Proposer as well as sources for the termination payment owed by Proposer during an event of partial completion.

D. Descriptions of Plant Development Risks

As available, please provide the following:

1. All items listed in Attachment H.

2. Proof of insurance with adequate coverage for asset replacement value in the event of a material loss.

3. Financing plan and LOIs with lenders and tax equity investors.

4. A narrative description of the plan for operating and maintaining the Plant.

E. Approach to Economic Opportunity Plan

The City of Philadelphia's institutional goals for economic opportunity are outlined in Section 4.3.5 (a) of the RFP. In addition to the required forms outlined in that section, please answer the following questions:

1. If the proposed Plant(s) is already built, what percentage of M/W/DBE were involved in the project development, construction, operation and maintenance of the Plant(s)?

2. Provide M/W/DBE participation information for projects outlined in Project History and Client References section II.F of Attachment I.

3. What are the M/W/DBE policies and procurement requirements that the Proposer follows?

4. What opportunities exist to incorporate Philadelphia's local workforce and/or M/W/DBE participation into any phase of the proposed project?

5. Provide any alternative methods or ideas for incorporating M/W/DBE business participation, M/W/DBE workforce or local workforce in the project development, construction (if applicable), and operations. The Procurement Team encourages innovative proposals that provide meaningful opportunities to disadvantaged and/or local business and workforce.

F. Disclosure of Conflicts, Claims or other Matters

Disclose any work for another entity which may impair the ability to perform the scope and responsibilities under this RFP. Disclose any outstanding claims or other matters which may impair the ability to perform, whether financial or otherwise.

V. Alternative Proposals

Proposers may provide alternative solutions to reach the project goals as outlined in Section 2.3 including options that reach commercial operation at a later date or that provide renewable energy to the City through other means. Any alternative proposal must include a full description of the solution (as outlined in the technical solution section above) to be considered by the Procurement Team.