

Subcontractor Qualification Requirements

***Responses should be no more than Twenty (20), 8 ½" x 11" sheets, single sided, minimum font size 12**

- 1) **Safety Metrics and Approach:** Identify your approach to this project in regards to Safety and submit a sample safety manual and job hazard analysis reports.
 - a) **Provide EMR Rating**
 - b) **Identify OSHA Recordables and Incident Rates**

- 2) **Provide previous design-assist experience:** Project name, project size, contract volume, work performed, project start and completion dates, Client, General Contractor and Architect Engineer.
 - a) Provide measures implemented for a successful design-assist process
 - b) Provide constructability measures implemented during the design-assist process
 - c) Provide lessons learned

- 3) **Provide previous experience with projects at Penn State and/or the State College area.**
 - a) Identify size of contract, timeframe of project and specific scope of services

- 4) **Highlight five (5) relevant projects within the last (10) years** that convey your team's expertise with this type of project and of this magnitude (100,000 sqft): Please include the following information:
 - a) Description of work and specific scope of services
 - b) Project Manager and Engineer of Record
 - c) Project budget and final project cost
 - d) Design and construction delivery method (Design-Bid-Build, CM at Risk, Design-Build, Design Assist, etc.)
 - e) Date of Completion.
 - f) Identify a Reference with contact information.
 - g) Statement of the value your participation as a Design Assist partner added to the overall project outcome.

- 5) **Provide historic breakdown of project performance.** Include project delivery method, history of project budgets compared to completed construction cost, history of change orders, and any other key project profiles relevant to this project.

- 6) **Provide Current Workload:** Projects in construction with current work in place and all backlogged projects with anticipated start and completion dates.

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- 7) **Identify Labor Affiliation (if any):**
- 8) **Provide previous BIM experience:** Project name, project size, contract volume, project start and completion dates, Client and General Contractor.
 - a) How was BIM implemented on each project (Shop Dwg development, clash detection/coordination with other trades, fabrication dwg development, as-built document turnover, etc.)?
 - b) Provide your company's BIM execution plan.
 - c) Identify BIM Platform / Program typically used.
- 9) **Diverse Business Participation:** This project intends to maximize the DBE participation with a minimum of 15% utilization. Please provide a short narrative of how you will maximize your DBE participation and if you offer mentorship provide a detailed breakdown of your proposed agreement. If your firm is a certified DBE contractor, please indicate it under this section. If not, please provide a history of projects where the DBE goals were met or exceeded. Include information regarding overall contract values and overall M/W/DBE values. Include potential sub-tiered DBE opportunities for your trade
- 10) **Identify Team Organization Chart.** Include prime and key consultant firms and provide the name and role of key team members.
- 11) **Provide Resumes of Proposed Project Team:** At a minimum – Executive in charge, project manager, BIM Leader, foreman and project estimator.
 - a) Resumes to include years of experience, years with your firm, project experience (title of role on project, project size, project volume and project description), design-assist experience, pre-fabrication experience, and current assignment(s) (with dates committed to each assignment).
- 12) **Lean Construction:** Identify your experience with Lean Construction methodologies including but not limited to: prefabrication of work, use of last planner system, just in time deliveries to minimize on-site stored materials.
- 13) **Turner Construction Form-36 Contract Terms:** Confirm agreement with the Turner Construction Form-36 Contract Terms and Conditions.
- 14) **Complete Turner Construction Prequalification**