

PROPOSAL DATA ITEM DESCRIPTION (PDID)

PDID-TDTP DETAIL TECHNICAL PROPOSAL

A narrative description of the Offeror's overall technical approach is required to ensure that the product offered will meet the technical requirements of this solicitation. The technical proposal shall be prepared in accordance with the following instructions.

INSTRUCTIONS:

1. Detail Technical Proposals shall consist of up to four parts that shall be presented in the following sequence:
 - a. Introduction,
 - b. Summary,
 - c. Technical Presentation, and
 - d. Alternate Proposal (if applicable)
2. The Introduction shall include a title page, table of contents, and, list of illustrations, tables and attachments, if provided.
3. The Summary shall not exceed one 8 ½" x 11" page and shall contain a description of the product offered, technical approach to design, description of the proposed testing and identification of any recommended alternates.
4. The Technical Presentation shall explain the Offeror's approach to meet the Buyer's requirements for the supplies. The technical presentation shall indicate compliance with each specified technical requirement by providing at least the following information:
 - a. Description - The proposal shall contain a description of the product offered.
 - b. Drawings - Provide drawings, sketches and other descriptive information showing the general arrangements, outline, interfaces and performance characteristics of the proposed equipment.
 - c.. Interface Requirements - Discuss and confirm compliance with the mechanical and electrical, physical and functional interface requirements of the Buyer's specifications.
 - d. Weight - Provide estimated, calculated or actual weights of the proposed product.
 - e. Technical Approach - Describe the methods, techniques and procedures for developing, investigating and proving the design, as applicable. Indicate the extent to which CAD will be used.
 - f. Existing Design - If the approach is to apply existing design to the product, describe in detail the differences between previous applications and the application for this RFP.

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- g. Design Development - If the Offeror intends to develop a new design for this product, include the following information:
- (1) A description of similar successful design efforts by the design team;
 - (2) Identification of any competing R&D efforts that may impact the new design development;
 - (3) A description of the design approach that will be used for this project;
 - (4) A description of the approach to system design and, if applicable, how the Offeror intends to provide consonance between this component and the systems) with which it will interface;
 - (5) A description of the Offeror's approach to risk assessment and abatement in the design process; and,
 - (6) A description of the tools, methods, processes and procedures that will be used to perform, control and manage the design effort.
 - (7) Identify any scientific, engineering, design or testing that will be subcontracted. Indicate potential sources for these services.
 - (8) Copies of the Offeror's engineering and design standards that will be used in the design of the product.
 - (9) A list of the industry standards and computer programs that apply to the design.
- h. Testing - The Offeror shall explain its approach to complying with the testing requirements including development, non-recurring and recurring testing. Identify any new test equipment that will be developed or procured for this product.
5. The Alternate Proposal part permits the Offeror to submit technical alternatives provided that they are clearly identified and that rationale supporting the alternative approach is also provided.