

Greetings,

The Texas A&M University System Office of Facilities Planning & Construction (FP&C) on behalf of the Board of Regents of The Texas A&M University System (Owner) and Texas A&M Engineering Experiment Station are soliciting statements of qualifications for selection of an Architect/Engineer (A/E) firm for the Hypersonic Wind Tunnel project (#28-3419) in Bryan, Texas, in accordance with the terms, conditions, and requirements set forth in this Request for Qualifications (RFQ).

As currently programmed, the National Hypersonic Wind Tunnel facility totals approximately 8,400 gross square feet (GSF). The primary building uses a 75% efficiency factor. Located on the RELLIS campus, this facility will complement research at the adjacent Ballistic Aero Optics Materials (BAM) Range and the Detonation Research Facility (Det Tube). The new facility is programmed to provide TEES with large-scale test and evaluation capabilities currently only available to the military and private industry. Operating as a Ludwieg tunnel, the driver pipe will provide high-temperature and high-pressure air through a converging-diverging nozzle that expands to hypersonic speeds in a test section. Gas is exhausted into a series of vacuum tanks. The new facility will provide two wind tunnel set-ups to facilitate institutional and client-based research. The tunnels will be supported by open lab space for directed energy and laser-based diagnostics, a control room, and workshop space for model modifications. Additional lab support will be provided through fume hood access and chemical/gas storage. Allotting over 95% of the assignable square feet to direct research and equipment space, the new National Hypersonic Wind Tunnel facility is programmed to provide critical equipment access and space to advance hypersonics-related research to address the nation's need to accelerate the integration of emerging technologies into combat and battlefield support systems.

The Planning Amount for this project is \$10,000,000. The Planning Amount includes an Amount Available for Construction Contract (AACC) of \$7,800,000. Fees, furnishings, other work, miscellaneous expenses, and contingencies make up the balance of the Planning Amount.

This RFQ is the first step in the process for selecting an A/E firm. The RFQ provides the information necessary to prepare and submit Qualifications for consideration by the Owner. The Owner may select three (3) or more of the top qualified Respondents to present their qualifications during an interview.

**** The RFQ documents must be accessed and responded to within e-Builder.** The following link provides access to the RFQ package/documents:

<http://tinyurl.com/3f3jpdzz>

Follow the instructions on the link to get registered within e-Builder. **All addendums if any will be posted within this eBuilder site and not on the ESD posting.**

****Important note regarding sharing the link for this e-Builder site: ONLY THE ABOVE LINK should be shared/provided for bidders to access documents. Do not share the URL from the web browser once e-Builder is accessed.**

Deadline: FP&C will accept proposals uploaded to e-Builder until **2:00 pm CST, Wednesday, January 31, 2024. (e-Builder will not allow uploads after the deadline.)**

Any questions regarding this RFQ shall be directed to:

Lee Gibson
The Texas A&M University System
Office of Facilities Planning & Construction
Phone: (979) 777-6588
E-mail: lgibson@tamus.edu

Lashunda Watson

HUB Coordinator

Office: 979-458-6088

Email: lwatson@tamus.edu

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Courtesy reviews of HUB HSPs can be sent to SO-HUBProgram@tamus.edu