

BAA Abstract Submittal Form
Broad Agency Announcement (BAA)
for
Research and Development (R&D) for Facility Systems
Solicitation Number N39430-16-R-1850

INSTRUCTIONS:

1. Save this blank form to your computer with a new filename.
 2. Please fill in all the requested information.
 3. All fields are required.
 4. Please do not alter or change the questions or form.
 5. Save your completed form for yourself and print out.
 6. Email form to: navfac_exwc_PW_BAA@navy.mil
- Questions or need help? Please send an email to: navfac_exwc_PW_BAA@navy.mil

Research and Development (R&D) for Facility Systems

Solicitation Number N39430-16-R-1850

BAA Submittal:

Abstract Title:

Submittal Date:

Your Name (or Company Point of Contact):

Company Name:

Company Address:

Address line 1:

Address Line 2:

City, State, Zip Code:

Company POC E-mail address for contracting:

Company POC E-mail address for technical:

Company POC phone # for contracting:

Company POC phone # for technical:

Does your Company have a current registration in sam.gov? If yes, provide the following.

Commercial and Government Entity (CAGE) Code:

Data Universal Number System (DUNS) number:

Note: If your company does not have registration in sam.gov (including current reps/certs), you may register online at the System for Award Management (SAM) website, www.sam.gov. You must register to receive an award.

The North American Industry Classification System (NAICS) code for this program is 541712, and the size is 500 employees.

Is your company a: (select all that apply)

- a. Large Business
- b. Small Business
- c. Small Disadvantaged Business
- d. 8a Business
- e. Small Veteran Owned Business
- f. Service Disabled Veteran Owned Business
- g. Small Woman Owned Business
- h. Small Historically Underutilized Business Zone (HUBZone) Business
- i. Historically Black College/University or Minority Institution (HBCU/MI)
- j. Other Academic Institution
- k. Federally Funded Research and Development Center (FFRDC)
- l. University Affiliated Research Center (UARC)
- m. Non-Profit Organization

Research and Development (R&D) for Facility Systems

Solicitation Number N39430-16-R-1850

Which topic best describes the technology's application?

- a. TOPIC NO 1: RENEWABLE ENERGY.
- b. TOPIC NO 2: ENERGY STORAGE.
- c. TOPIC NO 3: BUILDING EFFICIENCY AND COST SAVINGS.
- d. TOPIC NO 4: MICROGRIDS AND SMART GRIDS.
- e. TOPIC NO 5: ALTERNATIVE FUEL VEHICLES.
- f. TOPIC NO 6: DISTRIBUTED POWER GENERATION.

Select all items that apply from each category below to further characterize the technology offered:

Technology Classification(s): *(select all that apply by putting an "X" in front):*

- Physical
- Chemical
- Biological
- Electrochemical
- Thermal
- Other

Technology Ready For: *(select all that apply by putting an "X" in front)*

- Research and Development
- Pilot-Scale Test
- Engineering Study
- Field Demonstration
- Full-Scale Implementation
- Other

Research and Development (R&D) for Facility Systems

Solicitation Number N39430-16-R-1850

Technology Description:

*The maximum number of characters that will be transferred into the BAA database is **1200**, including spaces and punctuation. Keep in mind that NAVFAC EXWC is seeking technologies and methodologies that are either new, innovative, advance the state-of-the-art, or increase knowledge or understanding.*

Briefly describe your technology or methodology:

Research and Development (R&D) for Facility Systems

Solicitation Number N39430-16-R-1850

Scientific/Technical Merits and Objectives:

*The maximum number of characters that will be transferred into the BAA database is **2400**, including spaces and punctuation.*

Describe the scientific/technical merits and objectives of the technology here, including the identification of the advance in science or knowledge/understanding that will result from the research:

Research and Development (R&D) for Facility Systems

Solicitation Number N39430-16-R-1850

Capabilities, Experience, Personnel & Techniques:

*The maximum number of characters that will be transferred into the BAA database is **2400**, including spaces and punctuation.*

Describe here the Offeror's capabilities, related experience, personnel, techniques, or unique combination of these which are integral factors in achieving the Offeror's proposed objectives. This is past performance, and is assessed for both relevance and confidence.

Research and Development (R&D) for Facility Systems

Solicitation Number N39430-16-R-1850

SAFETY:

*The maximum number of characters that will be transferred into the BAA database is **1200**, including spaces and punctuation.*

(a) Submittal Requirements: The Offeror shall submit the following information: (For a partnership or joint venture, the following submittal requirements are required for each contractor who is part of the partnership or joint venture; however, only one safety narrative is required. EMR and DART Rates shall not be submitted for subcontractors.)

(1) Experience Modification Rate (EMR):

For the three previous complete calendar years [2012, 2013, 2014], submit your EMR (which compares your company's annual losses in insurance claims against its policy premiums over a three year period). If you have no EMR, affirmatively state so, and explain why. Any extenuating circumstances that affected the EMR and upward or downward trends should be addressed as part of this element. Lower EMRs will be given greater weight in the evaluation.

(2) OSHA Days Away from Work, Restricted Duty, or Job Transfer (DART) Rate:

For the three previous complete calendar years [2013, 2014, 2015], submit your OSHA Days Away from Work, Restricted Duty, or Job Transfer (DART) Rate, as defined by the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA). If you cannot submit an OSHA DART Rate, affirmatively state so, and explain why. Any extenuating circumstances that affected the OSHA DART Rate data and upward or downward trends should be addressed as part of this element. Lower OSHA DART Rates will be given greater weight in the evaluation.

(3) Technical Approach for Safety:

Describe the plan that the Offeror will implement to evaluate safety performance of potential subcontractors, as a part of the selection process for all levels of subcontractors. Also, describe any innovative methods that the Offeror will employ to ensure and monitor safe work practices at all subcontractor levels.

Research and Development (R&D) for Facility Systems

Solicitation Number N39430-16-R-1850

Key Personnel Critical in Achieving Objectives.

*The maximum number of characters that will be transferred into the BAA database is **2400**, including spaces and punctuation.*

Describe here the qualifications, capabilities, and experience of the principal investigator, team leader, or key personnel who are critical in achieving the proposed objectives:

Research and Development (R&D) for Facility Systems

Solicitation Number N39430-16-R-1850

Estimated Cost:

*The maximum number of characters that will be transferred to the BAA database is **1200**, including spaces and punctuation.*

Describe here the estimated cost for a field application project including, but not limited to, permitting issues, mobilization and demobilization, chemicals and equipment, safety considerations, and any other considerations necessary to successfully apply the technology in the field. The sample cost sheet may be used. Company format is acceptable.