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**Geotechnical Engineering, Material, Testing and Special Inspection Services**

Scope Description: The Jet Propulsion Laboratory (JPL) is reviewing options to find **Small Businesses and/or Small Business Joint Ventures or Teams led by a Small Business** that can provide professional services in the discipline of structural engineering design.

The Subcontractor shall have the capability to provide support for JPL projects in various development phases in the below areas:

* Geotechnical Investigations and Site Exploration
* Geotechnical Reporting
* Soil Sampling
* Material Testing
* Special Inspections

JPL is a Federally Funded Research and Development Center (FFRDC) managed by Caltech University in support of the National Aeronautics and Space Administration (NASA).

NAICS Code: **541330 – Engineering Services**

SBA Size Standard: **$25.5 Million**

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| **Company Information** | | |
| **Company Name** |  | |
| **Address** |  | |
| **Point of Contact** |  | |
| **Email** |  | |
| **CAGE/UEI** |  | |
| **Socioeconomic Classifications (Check all that apply)** | SB  SDB  WOSB  VOSB | SBA Certified SDVOSB  SBA Certified HUBZone  HBCU/MSI |

In the chart below, type an “X” for the how your company identifies against the applicable NAICS Code.

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|  | **Certifications** | **Yes** | **No** |
| 1. | Are you a small business under the 541330 NAICS Code Size Standard? |  |  |

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| **Professional Qualifications and Experience** |
| Professional qualifications of key personnel necessary for satisfactory performance of required services. Key areas of expertise include:   * Geotechnical Investigations and Site Exploration * Soil Sampling * Materials Testing   + Compaction testing (standard proctor, modified proctor, nuclear density testing)   + Concrete testing (slump test, compressive strength test, air content test)   + Asphalt testing (Marshall stability and flow test, compaction, asphalt content and gradation)   + Soil testing (Atterberg limits, grain size analysis, shear strength testing, expansion index)   + Soil contamination testing   + Laboratory Analysis * Preparation of design criteria and recommendations * Geotechnical reports and/or memorandums (both preliminary and final) * Construction observations and testing Including special inspection services (including, but not limited to, pier drilling, pile installation, shop and field welding, rebar placement, concrete placement, asphalt placement, epoxy, dowel pull tests, trench backfill compaction and density testing, etc.)   Evaluation will consider key personnel of the firm and consultants to be used in this contract:   * Professional CA registration * Education, training, relevant experience * Years with the company * Other relevant certifications |
| **Provide Answer to Above Question in this box** |

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| **Specialized Experience and Technical Competence** |
| Experience in geotechnical engineering, material testing and special inspections in support of new construction, remodeling of existing buildings, and site improvements. Specialized experience should include:   * Task order contract with public or private agency * Working on a corporate or college campus with a mix of building types |
| **Provide Answer to Above Question in this box** |

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| **Capacity** |
| Demonstrate how the firm will manage, coordinate and administer multiple task orders simultaneously. JPL will consider available capacity of key personnel to perform work in the required |
| **Provide Answer to Above Question in this box** |

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| **Past Performance** |
| Past performance on cost control, quality of work, responsiveness to issues and changes, and compliance with performance schedules (capacity to accomplish the work in the required time), will be evaluated with emphasis on RECENT AND RELEVANT projects. Projects constitute as recent and relevant are those that have been successfully completed in the past five (5) years.  The quality assessment may result in positive or adverse findings. For adverse information identified, the evaluation will consider the number and severity of the problem(s), mitigating circumstances, and the effectiveness of correction actions that have resulted in sustained improvements.   * Past and current satisfaction; e.g., overall customer satisfaction, rapport with customer, information sharing, reporting procedures and technology used, meeting design, cost, and schedule goals; * Performance records, e.g., quality of work as measured over a number of projects completed within/or under budget and within/under schedule:   + Relationship and history of work with proposed consultant   + Quality, cost, and schedule and control procedures and technology used   + Client reference or letter of appreciation |

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| **Past Performance # 1** | | |
| **Contract Name:** | | |
| **Issuing Agency:** | **Contract #:** |  |
| **Contract $ Value:** | **Period of Perf:** |  |
| **Tier 1 (Prime) /Tier 2/ Tier 3?:** | | |
| **Point of Contact Name:** | **Point of Contact Phone Number:** | |
| **Point of Contact Email:** | | |
| **Summarized Scope of Work – Provide Technical Details Here** | | |
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| **Past Performance # 2** | | |
| **Contract Name:** | | |
| **Issuing Agency:** | **Contract #:** |  |
| **Contract $ Value:** | **Period of Perf:** |  |
| **Tier 1 (Prime) /Tier 2/ Tier 3?:** | | |
| **Point of Contact Name:** | **Point of Contact Phone Number:** | |
| **Point of Contact Email:** | | |
| **Summarized Scope of Work – Provide Technical Details Here** | | |
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| **Past Performance # 3** | | |
| **Contract Name:** | | |
| **Issuing Agency:** | **Contract #:** |  |
| **Contract $ Value:** | **Period of Perf:** |  |
| **Tier 1 (Prime) /Tier 2/ Tier 3?:** | | |
| **Point of Contact Name:** | **Point of Contact Phone Number:** | |
| **Point of Contact Email:** | | |
| **Summarized Scope of Work – Provide Technical Details Here** | | |
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| **Location:** |
| **Does your company currently have facility in Southern California?**  **If yes, please specify the city (if multiple, please specify all locations.**  (The current physical address for the company main office will be considered for this criterion. Firms will receive a rating based on their location proximity to JPL (4800 Oak Grove Drive, Pasadena, CA 91109). Firms located at incrementally farther distances will be evaluated less favorably than firms located within closer ranges) |
| **Provide Answer to Above Question in this box** |

Please include **“Geotechnical Engineering, Material, Testing and Special Inspection Services”** in the subject line of your email to [smallbusiness.programsoffice@jpl.nasa.gov](mailto:smallbusiness.programsoffice@jpl.nasa.gov). The Small Business Programs Office may contact you to ask questions or request further information.

**DISCLAIMER: There is no commitment or guarantee on the part of JPL to move forward with a Request for Information (RFI) or Request for Proposal (RFP) at this time.**