RESOLUTION AND ORDER ADOPTING POLICY AND PROCEDURE FOR THE SELECTION OF ARCHITECTURAL, ENGINEERING, <u>AND LAND SURVEYING SERVICES</u>

| STA | ATE OF TEXAS | | § | | | | | | | |
|------|---------------|------------|-------|---------|---------|------------|-------|----------|------|-----------------|
| | | | § | | | | | | | |
| CO | UNTY OF FOR | ΓBEND | § | | | | | | | |
| | On this | day of _ | | | , 202 | 3, at a di | uly p | osted an | d ca | lled meeting of |
| the | Commissioners | Court of | Fort | Bend | County, | Texas, | on | motion | of | Commissioner |
| | | seconded b | y Con | nmissic | ner | | | | | _, duly put and |
| carr | ied: | | | | | | | | | |
| | | | | | | | | | | |

WHEREAS, the Professional Services Procurement Act under Chapter 2254 of the Texas Government Code expressly exempts the procurement of Professional Services from the competitive bidding process and further provides that such contracts must be awarded on the basis of demonstrated competence and qualifications to perform such services and for a fair and reasonable price; and

WHEREAS, Section 2254.002 of the Texas Government Code defines "Professional Services" to include architectural, engineering, and land surveying services; and

WHEREAS, Section 2254.004 of the Texas Government Code provides that the County, in procuring Architectural, Engineering, and Land Surveying Services (hereinafter, collectively referred to as the "Professional Services"), must select the most highly qualified provider of those services on the basis of demonstrated competence and qualifications; and

WHEREAS, the Commissioners Court designates the Fort Bend County Engineer as the designated authority to receive submissions to the County for the most highly qualified provider of Professional Services on the basis of demonstrated competence and qualifications, which submissions shall include Standard Form ("SF-330") – the federally designated form used to obtain and review information regarding the professional qualifications for architects and engineers under Chapters 36 and 52 of Title 48 of the Code of Federal Regulations; and

WHEREAS, the Commissioners Court desires to officially adopt the "Policy and Procedure for the Selection of Architectural, Engineering, and Land Surveying Services" attached hereto as "Attachment A" to clearly establish uniform procedures for selecting the most highly qualified provider of the Professional Services pursuant to Section 2254.004 of the Texas Government Code; and

WHEREAS, the Fort Bend County Commissioners Court finds that adopting the attached Policy and Procedure will provide a more efficient and uniform process for selecting the most highly qualified provider for the Professional Services and will benefit the County and the public.

NOW THEREFORE, BE IT RESOLVED AND ORDERED that the Fort Bend County Commissioners Court:

- 1. Adopts the attached "Policy and Procedure for the Selection of Architectural, Engineering, and Land Surveying Services" as the official policy for all Fort Bend County Departments and Offices for selecting the most highly qualified provider of Architectural, Engineering, and Land Surveying Services pursuant to Section 2254.004 of the Texas Government Code; and
- 2. Designates the Fort Bend County Engineer as the designated authority to receive submissions to the County for the most highly qualified provider of such Professional Services on the basis of demonstrated competence and qualifications, which submissions shall include SF-330 the federally designated form used to obtain and review information regarding the professional qualifications for architects and engineers under Chapters 36 and 52 of Title 48 of the Code of Federal Regulations; and
- 3. Designates the Fort Bend County Engineer to administer the program for all Fort Bend County Departments requiring such Professional Services including: (1) Compiling, assembling, and storing submissions received from architects, engineers, and land surveyors; and (2) Dispensing information concerning such submissions to other County Officials, Departments and/or Department Heads as needed for County projects requiring such Professional Services.

BE IT FURTHER RESOLVED AND ORDERED that the attached Policy shall be immediately effective and shall preempt all previous or existing policies for the selection of providers of Architectural, Engineering, and Land Surveying Services for all County Departments requiring such Professional Services subject to this Order.

| SIGNED AND EN | TERED this day of | , 2023. |
|--------------------------------|----------------------------|---------|
| | FORT BEND COUNTY, TEXAS | |
| | KP GEORGE, COUNTY JUDGE | |
| ATTEST: | | |
| LAURA RICHARD, COUNTY CLERK | | |

ATTACHMENT A

("Policy and Procedure for the Selection of Architectural, Engineering, and Land Surveying Services" Follows Behind).



FORT BEND COUNTY, TEXAS

POLICY AND PROCEDURE FOR THE SELECTION OF ARCHITECTURAL, ENGINEERING, AND LAND SURVEYING SERVICES

Adopted June 27, 2023

POLICY AND PROCEDURE FOR THE SELECTION OF ARCHITECTURAL, ENGINEERING, AND LAND SURVEYING SERVICES

1. Authority and Purpose.

This Policy was adopted by Resolution and Order of the Fort Bend County Commissioners Court on June 27, 2023 and is the official policy of Fort Bend County, Texas for selecting the most highly qualified provider of architectural, engineering and land surveying services for Professional Services contracts pursuant to the Professional Services Procurement Act under Chapter 2254 of the Texas Government Code. The purpose of this Policy is to establish efficient and uniform procedures for selecting providers of these services.

It is the goal of Fort Bend County to enter into contracts with a diverse group of businesses that are familiar with the County and its business practices and to select qualified providers of Professional Services through a process that complies with Texas law.

2. Chapter 2254 of the Texas Government Code.

Chapter 2254 of the Texas Government Code requires a two-step process in selecting and negotiating costs for contracts with providers for Architectural, Engineering, and Land Surveying services (hereinafter, collectively referred to as the "Professional Services"). The two-step process for Professional Services contracts requires (1) the selection of the most highly qualified provider of Professional Services on the basis of demonstrated competence and qualifications, and (2) negotiation for a fair and reasonable contract price.

3. County's Use of Standard Form 330

Fort Bend County will use Standard Form 330 ("SF-330") to obtain information from Professional Services firms regarding their professional qualifications, in accordance with County's obligations pursuant to Chapter 2254 of the Texas Government Code. SF-330 is the federally designated form used to obtain and review information regarding the professional qualifications for similar contracts under Chapters 36 and 52 of Title 48 of the Code of Federal Regulations.

4. Program Administration.

The County Engineer is the administrator of the Program outlined in this Policy and will be responsible for the following functions:

- (a) Receiving submissions of qualifications ("Submissions") as provided in Section 5 of this Policy;
- (b) Compiling, assembling, and storing the Submissions received from architects, engineers, and land surveyors; and

(c) Dispensing or otherwise making available information received concerning the Submissions to other County Officials, Departments, and Department Heads (collectively, "County Officials and Department Heads") as needed for County projects requiring Professional Services.

5. Submission of Qualifications

Any potential providers of Professional Services ("Providers") are encouraged to submit their qualifications for consideration of Architectural, Engineering, and Land Surveying Services in accordance with instructions posted by the County Engineer on the County Engineering webpage.

Such submission shall include the following:

- (a) Certificate of firm registration with the Texas Board of Professional Engineers and Land Surveyors, or Texas Board of Architectural Examiners as required by Texas statutes; and
- (b) Completed SF-330 attached hereto as "Exhibit A." Section F of SF-330 shall include no more than ten (10) projects completed by a Provider in the last ten (10) years and shall first include information regarding projects completed in Fort Bend County, if any.

6. Selection of Architects, Engineers, and Land Surveyors.

The County Engineer will review the completed SF-330 and assess the information and qualifications submitted by Providers. The County Engineer will prepare a recommendation to the Commissioners Court for the selection of the most highly qualified Provider for projects managed by the County Engineer based on demonstrated competence and qualifications.

The County Engineer shall make the submitted SF-330 information available to all County Officials and Department Heads who also seek Professional Services. Those County Officials and Department Heads will prepare a recommendation to the Commissioners Court for the selection of the most highly qualified Provider for their projects on the basis of demonstrated competence and qualifications based on the information submitted pursuant to this Policy and Procedure.

Except as provided for in this Section, recommendations for projects shall be submitted to the Fort Bend County Commissioners Court to select the most highly qualified Provider for each component of each County project and authorize contract negotiations with the Provider. In the event that the contract amount allows the contract to be executed by the Purchasing Agent, the County Engineer or the County Officials and Department Heads shall make the selection and initiate contract negotiations with the Provider.

7. List of Qualified Firms.

Additionally, the County Engineer, upon review and assessment of the completed SF-330, will update the current List of Qualified Firms (the "List"). The County Engineer will maintain the List in a form acceptable to the County Purchasing Agent and County Attorney.

Providers of Professional Services included on the List will be eligible for future County projects. Providers on the List shall recertify and update their submissions, including any significant changes to personnel, as the Provider deems appropriate but no less than every three years. Providers will submit such updated submissions to the Fort Bend County Engineering Department as provided in Section 5 of this Policy.

The County Engineer will also update the List as necessary and make the updated List available upon request.

8. Contract Negotiations.

Contract negotiations for a project shall be based on achieving a fair and reasonable price and will culminate in a Professional Services Agreement with a Provider unless terminated by County. If contract negotiations are unsuccessful, the County Engineer or County Officials and Department Heads will terminate negotiations with the selected Provider. Upon termination of such negotiations, the County Engineer or the County Officials and Department heads shall repeat the selection process provided in Section 6 of this Policy until an agreed contract results and is executed by Provider and County.

9. Projects Utilizing Federal Grant Funds.

The procedures outlined in this Policy are applicable to all County projects requiring Professional Services except those projects utilizing federal grant funds. Such projects utilizing federal grant funds requires competitive proposal procedures for qualifications-based procurement in accordance with Chapter 200 of Title 2 of the Code of Federal Regulations.

10. Effective Date.

This Policy shall be effective on the date of approval by the Fort Bend County Commissioners Court. Effective October 1, 2023, any Provider wanting to submit qualifications for consideration of Architectural, Engineering, and Land Surveying Services must comply with Section 5 of this Policy in its entirety, including the utilization of SF-330.

EXHIBIT A

(SF-330 Follows Behind)

ARCHITECT-ENGINEER QUALIFICATIONS

OMB Control Number: 9000-0157 Expiration Date: 2/29/2024

Paperwork Reduction Act Statement - This information collection meets the requirements of 44 USC § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 9000-0157. We estimate that it will take 29 hours (25 hours for part 1 and 4 hours for Part 2) to read the instructions, gather the facts, and answer the questions. Send only comments relating to our time estimate, including suggestions for reducing this burden, or any other aspects of this collection of information to: U.S. General Services Administration, Regulatory Secretariat Division (M1V1CB), 1800 F Street, NW, Washington, DC 20405.

PURPOSE

Federal agencies use this form to obtain information from architect-engineer (A-E) firms about their professional qualifications. Federal agencies select firms for A-E contracts on the basis of professional qualifications as required by 40 U.S.C. chapter 11, Selection of Architects Engineers, and Part 36 of the Federal Acquisition Regulation (FAR).

The Selection of Architects and Engineers statute requires the public announcement of requirements for A-E services (with some exceptions provided by other statutes), and the selection of at least three of the most highly qualified firms based on demonstrated competence and professional qualifications according to specific criteria published in the announcement. The Act then requires the negotiation of a contract at a fair and reasonable price starting first with the most highly qualified firm.

The information used to evaluate firms is from this form and other sources, including performance evaluations, any additional data requested by the agency, and interviews with the most highly qualified firms and their references.

GENERAL INSTRUCTIONS

Part I presents the qualifications for a specific contract.

Part II presents the general qualifications of a firm or a specific branch office of a firm. Part II has two uses:

- 1. An A-E firm may submit Part II to the appropriate central, regional or local office of each Federal agency to be kept on file. A public announcement is not required for certain contracts, and agencies may use Part II as a basis for selecting at least three of the most highly qualified firms for discussions prior to requesting submission of Part I. Firms are encouraged to update Part II on file with agency offices, as appropriate, according to FAR Part 36. If a firm has branch offices, submit a separate Part II for each branch office seeking work.
- 2. Prepare a separate Part II for each firm that will be part of the team proposed for a specific contract and submitted with Part I. If a firm has branch offices, submit a separate Part II for each branch office that has a key role on the team.

INDIVIDUAL AGENCY INSTRUCTIONS

Individual agencies may supplement these instructions. For example, they may limit the number of projects or number of pages submitted in Part I in response to a public announcement for a particular project. Carefully comply with any agency instructions when preparing and submitting this form. Be as concise as possible and provide only the information requested by the agency.

DEFINITIONS

Architect-Engineer Services: Defined in FAR 2.101.

Branch Office: A geographically distinct place of business or subsidiary office of a firm that has a key role on the team.

Discipline: Primary technical capabilities of key personnel, as evidenced by academic degree, professional registration, certification, and/or extensive experience.

Firm: Defined in FAR 36.102.

Key Personnel: Individuals who will have major contract responsibilities and/or provide unusual or unique expertise.

SPECIFIC INSTRUCTIONS

Part I - Contract-Specific Qualifications

Section A. Contract Information.

- 1. Title and Location. Enter the title and location of the contract for which this form is being submitted, exactly as shown in the public announcement or agency request.
- 2. Public Notice Date. Enter the posted date of the agency's notice on the Federal Business Opportunity website (FedBizOpps), other form of public announcement or agency request for this contract.
- 3. Solicitation or Project Number. Enter the agency's solicitation number and/or project number, if applicable, exactly as shown in the public announcement or agency request for this contract.

Section B. Architect-Engineer Point of Contact.

4-8. Name, Title, Name of Firm, Telephone Number, Fax (Facsimile) Number and E-mail (Electronic Mail) Address. Provide information for a representative of the prime contractor or joint venture that the agency can contact for additional information.

Section C. Proposed Team.

9-11. Firm Name, Address, and Role in This Contract. Provide the contractual relationship, name, full mailing address, and a brief description of the role of each firm that will be involved in performance of this contract. List the prime contractor or joint venture partners first. If a firm has branch offices, indicate each individual branch office that will have a key role on the team. The named subcontractors and outside associates or consultants must be used, and any change must be approved by the contracting officer. (See FAR Part 52 Clause "Subcontractors and Outside Associates and Consultants (Architect-Engineer Services)"). Attach an additional sheet in the same format as Section C if needed.

Section D. Organizational Chart of Proposed Team.

As an attachment after Section C, present an organizational chart of the proposed team showing the names and roles of all key personnel listed in Section E and the firm they are associated with as listed in Section C.

Section E. Resumes of Key Personnel Proposed for this Contract.

Complete this section for each key person who will participate in this contract. Group by firm, with personnel of the prime contractor or joint venture partner firms first. The following blocks must be completed for each resume:

- 12. Name. Self-explanatory.
- 13. Role in this contract. Self-explanatory.
- 14. Years Experience. Total years of relevant experience (block 14a), and years of relevant experience with current firm, but not necessarily the same branch office (block 14b).
- 15. Firm Name and Location. Name, city and state of the firm where the person currently works, which must correspond with one of the firms (or branch office of a firm, if appropriate) listed in Section C.
- 16. Education. Provide information on the highest relevant academic degree(s) received. Indicate the area(s) of specialization for each degree.
- 17. Current Professional Registration. Provide information on current relevant professional registration(s) in a State or possession of the United States, Puerto Rico, or the District of Columbia according to FAR Part 36.
- 18. Other Professional Qualifications. Provide information on any other professional qualifications relating to this contract, such as education, professional registration, publications, organizational memberships, certifications, training, awards, and foreign language capabilities.

19. Relevant Projects. Provide information on up to five projects in which the person had a significant role that demonstrates the person's capability relevant to her/his proposed role in this contract. These projects do not necessarily have to be any of the projects presented in Section F for the project team if the person was not involved in any of those projects or the person worked on other projects that were more relevant than the team projects in Section F. Use the check box provided to indicate if the project was performed with any office of the current firm. If any of the professional services or construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description and Specific Role (block (3)).

Section F. Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract.

Select projects where multiple team members worked together, if possible, that demonstrate the team's capability to perform work similar to that required for this contract. Complete one Section F for each project. Present ten projects, unless otherwise specified by the agency. Complete the following blocks for each project:

- 20. Example Project Key Number. Start with "1" for the first project and number consecutively.
- 21. Title and Location. Title and location of project or contract. For an indefinite delivery contract, the location is the geographic scope of the contract.
- 22. Year Completed. Enter the year completed of the professional services (such as planning, engineering study, design, or surveying), and/or the year completed of construction, if applicable. If any of the professional services or the construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description of Project and Relevance to this Contract (block 24).
- 23a. Project Owner. Project owner or user, such as a government agency or installation, an institution, a corporation or private individual.
- 23b. Point of Contact Name. Provide name of a person associated with the project owner or the organization which contracted for the professional services, who is very familiar with the project and the firm's (or firms') performance.
 - 23c. Point of Contact Telephone Number. Self-explanatory.
- 24. Brief Description of Project and Relevance to this Contract. Indicate scope, size, cost, principal elements and special features of the project. Discuss the relevance of the example project to this contract. Enter any other information requested by the agency for each example project.

25. Firms from Section C Involved with this Project. Indicate which firms (or branch offices, if appropriate) on the project team were involved in the example project, and their roles. List in the same order as Section C.

Section G. Key Personnel Participation in Example Projects.

This matrix is intended to graphically depict which key personnel identified in Section E worked on the example projects listed in Section F. Complete the following blocks (see example below).

- 26. and 27. Names of Key Personnel and Role in this Contract. List the names of the key personnel and their proposed roles in this contract in the same order as they appear in Section E.
- 28. Example Projects Listed in Section F. In the column under each project key number (see block 29) and for each key person, place an "X" under the project key number for participation in the same or similar role.

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29. Example Projects Key. List the key numbers and titles of the example projects in the same order as they appear in Section F.

Section H. Additional Information.

30. Use this section to provide additional information specifically requested by the agency or to address selection criteria that are not covered by the information provided in Sections A-G.

Section I. Authorized Representative.

- 31. and 32. Signature of Authorized Representative and Date. An authorized representative of a joint venture or the prime contractor must sign and date the completed form. Signing attests that the information provided is current and factual, and that all firms on the proposed team agree to work on the project. Joint ventures selected for negotiations must make available a statement of participation by a principal of each member of the joint venture.
 - 33. Name and Title. Self-explanatory.

SAMPLE ENTRIES FOR SECTION G (MATRIX)

| PERSONNEL (From Section E, Block 12) | 27. ROLE IN THIS CONTRACT (From Section E, Block 13) | 28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below first, before completing table. Place "X" under project key number for participation in same or similar role.) | | | | | | | | | |
|--------------------------------------|--|---|---|---|---|---|---|---|---|---|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Jane A. Smith | Chief Architect | Х | | Х | | | | | | | |
| Joseph B. Williams | Chief Mechanical Engineer | Χ | Х | X | X | | | | | | |
| Tara C. Donovan | Chief Electricial Engineer | Χ | Х | | Х | | | | | | |
| | | | | | | | | | | | |

29. EXAMPLE PROJECTS KEY

| NUMBER | TITLE OF EXAMPLE PROJECT (From Section F) | NUMBER | TITLE OF EXAMPLE PROJECT (From Section F) |
|--------|---|--------|---|
| 1 | Federal Courthouse, Denver, CO | 6 | XYZ Corporation Headquarters, Boston, MA |
| 2 | Justin J. Wilson Federal Building, Baton Rouge, LA | 7 | Founder's Museum, Newport, RI |

Part II - General Qualifications

See the "**General Instructions**" on page 1 for firms with branch offices. Prepare Part II for the specific branch office seeking work if the firm has branch offices.

- 1. Solicitation Number. If Part II is submitted for a specific contract, insert the agency's solicitation number and/or project number, if applicable, exactly as shown in the public announcement or agency request.
- 2a-2e. Firm (or Branch Office) Name and Address. Self-explanatory.
- 3. Year Established. Enter the year the firm (or branch office, if appropriate) was established under the current name.
- 4. Unique Entity Identifier. Insert the unique entity identifier issued by the entity designated at SAM. See FAR part 4.6.
 - 5. Ownership.
- a. Type. Enter the type of ownership or legal structure of the firm (sole proprietor, partnership, corporation, joint venture, etc.).
- b. Small Business Status. Refer to the North American Industry Classification System (NAICS) code in the public announcement, and indicate if the firm is a small business according to the current size standard for that NAICS code (for example, Engineering Services (part of NAICS 541330), Architectural Services (NAICS 541310), Surveying and Mapping Services (NAICS 541370)). The small business categories and the internet website for the NAICS codes appear in FAR part 19. Contact the requesting agency for any questions. Contact your local U.S. Small Business Administration office for any questions regarding Business Status.
- 6a-6c. Point of Contact. Provide this information for a representative of the firm that the agency can contact for additional information. The representative must be empowered to speak on contractual and policy matters.
- 7. Name of Firm. Enter the name of the firm if Part II is prepared for a branch office.
- 8a-8c. Former Firm Names. Indicate any other previous names for the firm (or branch office) during the last six years. Insert the year that this corporate name change was effective and the associated unique entity identifier. This information is used to review past performance on Federal contracts.

- 9. Employees by Discipline. Use the relevant disciplines and associated function codes shown at the end of these instructions and list in the same numerical order. After the listed disciplines, write in any additional disciplines and leave the function code blank. List no more than 20 disciplines. Group remaining employees under "Other Employees" in column b. Each person can be counted only once according to his/her primary function. If Part II is prepared for a firm (including all branch offices), enter the number of employees by disciplines in column c(1). If Part II is prepared for a branch office, enter the number of employees by discipline in column c(2) and for the firm in column c(1).
- 10. Profile of Firm's Experience and Annual Average Revenue for Last 5 Years. Complete this block for the firm or branch office for which this Part II is prepared. Enter the experience categories which most accurately reflect the firm's technical capabilities and project experience. Use the relevant experience categories and associated profile codes shown at the end of these instructions, and list in the same numerical order. After the listed experience categories, write in any unlisted relevant project experience categories and leave the profile codes blank. For each type of experience, enter the appropriate revenue index number to reflect the professional services revenues received annually (averaged over the last 5 years) by the firm or branch office for performing that type of work. A particular project may be identified with one experience category or it may be broken into components, as best reflects the capabilities and types of work performed by the firm. However, do not double count the revenues received on a particular project.
- 11. Annual Average Professional Services Revenues of Firm for Last 3 Years. Complete this block for the firm or branch office for which this Part II is prepared. Enter the appropriate revenue index numbers to reflect the professional services revenues received annually (averaged over the last 3 years) by the firm or branch office. Indicate Federal work (performed directly for the Federal Government, either as the prime contractor or subcontractor), non-Federal work (all other domestic and foreign work, including Federally-assisted projects), and the total.
- 12. Authorized Representative. An authorized representative of the firm or branch office must sign and date the completed form. Signing attests that the information provided is current and factual. Provide the name and title of the authorized representative who signed the form.

List of Disciplines (Function Codes)

| Code | Description | Code | Description |
|------|--|------|-------------------------------------|
| 01 | Acoustical Engineer | 32 | Hydraulic Engineer |
| 02 | Administrative | 33 | Hydrographic Surveyor |
| 03 | Aerial Photographer | 34 | Hydrologist |
| 04 | Aeronautical Engineer | 35 | Industrial Engineer |
| 05 | Archeologist | 36 | Industrial Hygienist |
| 06 | Architect | 37 | Interior Designer |
| 07 | Biologist | 38 | Land Surveyor |
| 80 | CADD Technician | 39 | Landscape Architect |
| 09 | Cartographer | 40 | Materials Engineer |
| 10 | Chemical Engineer | 41 | Materials Handling Engineer |
| 11 | Chemist | 42 | Mechanical Engineer |
| 12 | Civil Engineer | 43 | Mining Engineer |
| 13 | Communications Engineer | 44 | Oceanographer |
| 14 | Computer Programmer | 45 | Photo Interpreter |
| 15 | Construction Inspector | 46 | Photogrammetrist |
| 16 | Construction Manager | 47 | Planner: Urban/Regional |
| 17 | Corrosion Engineer | 48 | Project Manager |
| 18 | Cost Engineer/Estimator | 49 | Remote Sensing Specialist |
| 19 | Ecologist | 50 | Risk Assessor |
| 20 | Economist | 51 | Safety/Occupational Health Engineer |
| 21 | Electrical Engineer | 52 | Sanitary Engineer |
| 22 | Electronics Engineer | 53 | Scheduler |
| 23 | Environmental Engineer | 54 | Security Specialist |
| 24 | Environmental Scientist | 55 | Soils Engineer |
| 25 | Fire Protection Engineer | 56 | Specifications Writer |
| 26 | Forensic Engineer | 57 | Structural Engineer |
| 27 | Foundation/Geotechnical Engineer | 58 | Technician/Analyst |
| 28 | Geodetic Surveyor | 59 | Toxicologist |
| 29 | Geographic Information System Specialist | 60 | Transportation Engineer |
| 30 | Geologist | 61 | Value Engineer |
| 31 | Health Facility Planner | 62 | Water Resources Engineer |

List of Experience Categories (Profile Codes)

| Code | Description | Code | Description |
|------|--|------------|---|
| A01 | Acoustics, Noise Abatement | E01 | Ecological & Archeological Investigations |
| A02 | Aerial Photography; Airborne Data and Imagery | E02 | Educational Facilities; Classrooms |
| 7.02 | Collection and Analysis | E03 | Electrical Studies and Design |
| A03 | Agricultural Development; Grain Storage; Farm Mechanization | E04 | Electronics |
| A04 | Air Pollution Control | E05 | Elevators; Escalators; People-Movers |
| A05 | Airports; Navaids; Airport Lighting; Aircraft Fueling | E06 | Embassies and Chanceries |
| A06 | Airports; Terminals and Hangars; Freight Handling | E07 | Energy Conservation; New Energy Sources |
| A07 | Arctic Facilities | E08 | Engineering Economics |
| A08 | Animal Facilities | E09 | Environmental Impact Studies, |
| A09 | Anti-Terrorism/Force Protection | E40 | Assessments or Statements |
| A10 | Asbestos Abatement | E10 | Environmental and Natural Resource Mapping |
| A11 | Auditoriums & Theaters | E11 | Environmental Planning |
| A11 | Automation; Controls; Instrumentation | E12 | Environmental Remediation |
| A12 | Automation, Controls, Instrumentation | E13 | Environmental Testing and Analysis |
| B01 | Barracks; Dormitories | • | |
| B02 | Bridges | F01 | Fallout Shelters; Blast-Resistant Design |
| C01 | Cartagraphy | F02 | Field Houses; Gyms; Stadiums Fire Protection |
| C01 | Cartography | F03 F04 | Fire Protection Fisheries; Fish ladders |
| C02 | Cemeteries (Planning & Relocation) | F05 | Forensic Engineering |
| C03 | Charting: Nautical and Aeronautical | F06 | Forestry & Forest products |
| C04 | Chemical Processing & Storage | | |
| C05 | Child Care/Development Facilities | G01 | Garages; Vehicle Maintenance Facilities; |
| C06 | Churches; Chapels | | Parking Decks |
| C07 | Coastal Engineering | G02 | Gas Systems (Propane; Natural, Etc.) |
| C08 | Codes; Standards; Ordinances | G03 | Geodetic Surveying: Ground and Air-borne |
| C09 | Cold Storage; Refrigeration and Fast Freeze | G04 | Geographic Information System Services: |
| C10 | Commercial Building (low rise); Shopping Centers | | Development, Analysis, and Data Collection |
| C11 | Community Facilities | G05 | Geospatial Data Conversion: Scanning, |
| C12 | Communications Systems; TV; Microwave | | Digitizing, Compilation, Attributing, Scribing, |
| C13 | Computer Facilities; Computer Service | | Drafting |
| C14 | Conservation and Resource Management | G06 | Graphic Design |
| C15 | Construction Management | H01 | Harbors; Jetties; Piers, Ship Terminal |
| C16 | Construction Surveying | 1101 | Facilities |
| C17 | Corrosion Control; Cathodic Protection; Electrolysis | H02 | Hazardous Materials Handling and Storage |
| C18 | Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting | H03 | Hazardous, Toxic, Radioactive Waste Remediation |
| C19 | Cryogenic Facilities | H04 | Heating; Ventilating; Air Conditioning |
| | | H05 | Health Systems Planning |
| D01 | Dams (Concrete; Arch) | H06 | Highrise; Air-Rights-Type Buildings |
| D02 | Dams (Earth; Rock); Dikes; Levees | H07 | Highways; Streets; Airfield Paving; Parking |
| D03 | Desalinization (Process & Facilities) | | Lots |
| D04 | Design-Build - Preparation of Requests for Proposals | H08 | Historical Preservation |
| D05 | Digital Elevation and Terrain Model Development | H09 | Hospital & Medical Facilities |
| D05 | Digital Orthophotography | H10 | Hotels; Motels |
| D06 | | H11 | Housing (Residential, Multi-Family; Apartments; Condominiums) |
| | Dining Halls; Clubs; Restaurants | H12 | Hydraulics & Pneumatics |
| D08 | Dredging Studies and Design | H13 | Hydrographic Surveying |
| | | 1113 | rryarographic ourveying |

List of Experience Categories (Profile Codes continued)

| Code | Description | Code | Description |
|-------------|--|------------|--|
| I 01 | Industrial Buildings; Manufacturing Plants | P09 | Product, Machine Equipment Design |
| I 02 | Industrial Processes; Quality Control | P10 | Pneumatic Structures, Air-Support Buildings |
| 103 | Industrial Waste Treatment | P11 | Postal Facilities |
| I 04 | Intelligent Transportation Systems | P12 | Power Generation, Transmission, Distribution |
| I05 | Interior Design; Space Planning | P13 | Public Safety Facilities |
| I06 | Irrigation; Drainage | R01 | Radar; Sonar; Radio & Radar Telescopes |
| J01 | Judicial and Courtroom Facilities | R02 | Radio Frequency Systems & Shieldings |
| L01 | Laboratories; Medical Research Facilities | R03 | Railroad; Rapid Transit |
| L02 | Land Surveying | R04 | Recreation Facilities (Parks, Marinas, Etc.) |
| L03 | Landscape Architecture | R05 | Refrigeration Plants/Systems |
| L04 | Libraries; Museums; Galleries | R06 | Rehabilitation (Buildings; Structures; Facilities) |
| L05 | Lighting (Interior; Display; Theater, Etc.) | R07 | Remote Sensing |
| L06 | Lighting (Exteriors; Streets; Memorials; | R08 | Research Facilities |
| | Athletic Fields, Etc.) | R09 | Resources Recovery; Recycling |
| M01 | Mapping Location/Addressing Systems | R10 | Risk Analysis |
| M02 | Materials Handling Systems; Conveyors; Sorters | R11 | Rivers; Canals; Waterways; Flood Control |
| M03 | Metallurgy | R12 | Roofing |
| M04 | Microclimatology; Tropical Engineering | | - |
| M05 | Military Design Standards | S01 | Safety Engineering; Accident Studies; OSHA Studies |
| M06 | Mining & Mineralogy | S02 | Security Systems; Intruder & Smoke Detection |
| M07 | Missile Facilities (Silos; Fuels; Transport) | S03 | Seismic Designs & Studies |
| M08 | Modular Systems Design; Pre-Fabricated Structures or | S04 | Sewage Collection, Treatment and Disposal |
| | Components | S05 | Soils & Geologic Studies; Foundations |
| | | S06 | Solar Energy Utilization |
| N01 | Naval Architecture; Off-Shore Platforms | S07 | Solid Wastes; Incineration; Landfill |
| N02 | Navigation Structures; Locks | S08 | Special Environments; Clean Rooms, Etc. |
| N03 | Nuclear Facilities; Nuclear Shielding | S09 | Structural Design; Special Structures |
| O01 O02 | Office Buildings; Industrial Parks Oceanographic Engineering | S10 | Surveying; Platting; Mapping; Flood Plain Studies |
| 003 | Ordnance; Munitions; Special Weapons | S11 | Sustainable Design |
| | | S12 | Swimming Pools |
| P01 | Petroleum Exploration; Refining | S13 | Storm Water Handling & Facilities |
| P02 | Petroleum and Fuel (Storage and Distribution) | T01 | Telephone Systems (Rural; Mobile; Intercom, |
| P03 | Photogrammetry | 101 | Etc.) |
| P04 | Pipelines (Cross-Country - Liquid & Gas) | T02 | Testing & Inspection Services |
| P05 | Planning (Community, Regional, Areawide and State) | T03 | Traffic & Transportation Engineering |
| P06 | Planning (Site, Installation, and Project) | T04 | Topographic Surveying and Mapping |
| P07 | Plumbing & Piping Design | T05 T06 | Towers (Self-Supporting & Guyed Systems) Tunnels & Subways |
| P08 | Prisons & Correctional Facilities | 100 | |

List of Experience Categories (Profile Codes continued)

| Code U01 | Description Unexploded Ordnance Remediation |
|-------------|--|
| U02 | Urban Renewals; Community Development |
| U03 | Utilities (Gas and Steam) |
| V01 | Value Analysis; Life-Cycle Costing |
| W01 | Warehouses & Depots |
| W02 | Water Resources; Hydrology; Ground Water |
| W03 | Water Supply; Treatment and Distribution |
| W04 | Wind Tunnels; Research/Testing Facilities Design |
| Z01 | Zoning; Land Use Studies |

ARCHITECT-ENGINEER QUALIFICATIONS

| | | | | | PART I - CONT | RACT-SPE | ECIFIC QUALIFICATION | NS |
|------|------|--------------|-------------|-------------------------|-----------------------|---------------|-----------------------------|---------------------------|
| | | | | | A. (| CONTRACT | INFORMATION | |
| 1. T | ITLE | E AN | ID LC | CATION (City and State) | | | | |
| 2. F | PUBL | IC N | OTIO | CE DATE | | 3 | . SOLICITATION OR PROJECT | NUMBER |
| | | | | | B. ARCHITE | CT-ENGINE | ER POINT OF CONTACT | |
| 4. N | IAME | E AN | ID TI | TLE | | | | |
| 5. N | IAME | E OF | FIR | M | | | | |
| 6. 1 | ELE | PHC | I BNC | NUMBER | 7. FAX NUMBER | 8 | . E-MAIL ADDRESS | |
| | | | | | | C. PROPO | SED TEAM | |
| _ | | | | (Сотр | lete this section for | r the prime o | ontractor and all key subco | ontractors.) |
| | ME | DARTNER PART | N N N | 9. FIRM NA | AME | | 10. ADDRESS | 11. ROLE IN THIS CONTRACT |
| a. | | | | CHECK IF BRANCH OFF | FICE | | | |
| b. | | | | CHECK IF BRANCH OFF | FICE | | | |
| c. | | | | CHECK IF BRANCH OFF | | | | |
| d. | | | | CHECK IF BRANCH OFF | FICE | | | |
| e. | | | | CHECK IF BRANCH OFF | FICE | | | |
| f. | | | | CHECK IF BRANCH OFF | | | | |
| _ | ΩP | GΔ | NIZ | ATIONAL CHART OF P | | | | (Attached) |

| | | EY PERSONNEL PROPOSED | | RACT | |
|-----|---|---|--------------------|---------------|---|
| | | olete one Section E for each key 13. ROLE IN THIS CONTRACT | y person.) | 44 | VEADO EVDEDIENOS |
| 12. | NAME | 13. ROLE IN THIS CONTRACT | <u> </u> - | a. TOTAL | b. WITH CURRENT FIRM |
| 15. | FIRM NAME AND LOCATION (City and State) | | | | I |
| 16. | EDUCATION (Degree and Specialization) | 17. CURREI | NT PROFESSIONAL RE | GISTRATION | I (State and Discipline) |
| | | | | | |
| 18 | OTHER PROFESSIONAL QUALIFICATIONS (Publications, Or | rganizations Training Awards etc.) | | | |
| 10. | | gamzatoro, fransig, financo, etc.) | | | |
| | | 19. RELEVANT PROJECTS | 3 | | |
| | (1) TITLE AND LOCATION (City and State) | | | (2) YEAR | COMPLETED |
| | | | PROFESSIONAL | L SERVICES | CONSTRUCTION (If applicable) |
| a. | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND S | SPECIFIC ROLE | Check if | project perfo | ormed with current firm |
| | | | | | |
| | (1) TITLE AND LOCATION (City and State) | | | (2) YEAR | COMPLETED |
| | | | PROFESSIONAL | | CONSTRUCTION (If applicable) |
| b. | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND S | SPECIFIC ROLE | Check if | project perfo | ormed with current firm |
| | | | | | |
| | (1) TITLE AND LOCATION (City and State) | | | (2) YEAR | COMPLETED |
| | | | PROFESSIONAL | L SERVICES | CONSTRUCTION (If applicable) |
| c. | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND S | SPECIFIC ROLE | Check if | project perfo | ormed with current firm |
| | | | | | |
| | (1) TITLE AND LOCATION (City and State) | | | (2) VEAD | COMPLETED |
| | | | PROFESSIONA | | COMPLETED CONSTRUCTION (If applicable) |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND S | SPECIFIC ROLF | | | |
| d. | (0) 5.412. 5.2004. 110.1 (5.70. 000), 0.20, 0.00, 14.15. | 25111011022 | Спеск п | project pend | ormed with current firm |
| | | | | | |
| | (1) TITLE AND LOCATION (City and State) | | | (2) YEAR | COMPLETED |
| | | | PROFESSIONAL | | CONSTRUCTION (If applicable) |
| e. | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND S | SPECIFIC ROLE | Check if | project perfo | ormed with current firm |
| | | | | | |

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects are requested by the agency, or 10 projects, if not specified.

20. EXAMPLE PROJECT KEY NUMBER

| Complete o | ne Section F for each project.) | | | | | | |
|---|---------------------------------|-------------|---------------|------------------------------|--|--|--|
| 21. TITLE AND LOCATION (City and State) | | | 22. YEAR | COMPLETED | | | |
| | | PROFESSIONA | L SERVICES | CONSTRUCTION (If applicable) | | | |
| | | | | | | | |
| 23. PROJECT OWNER'S INFORMATION | | | | | | | |
| a. PROJECT OWNER | b. POINT OF CONTACT NAME | | c. POINT OF C | ONTACT TELEPHONE NUMBER | | | |

| 24. | BRIEF DESCRIPTION | OF PROJECT A | AND RELEVANCE TO | THIS CONTRACT | (Include scope, size, and cost) |
|-----|-------------------|--------------|------------------|---------------|---------------------------------|
|-----|-------------------|--------------|------------------|---------------|---------------------------------|

| (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE | |
|---------------|------------------------------------|----------|--|
| n. | | | |
| (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE | |
|). | | | |
| (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE | |
| 2. | | | |
| (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE | |
| d. | | | |
| (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE | |
| e. | | | |
| (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE | |
| | | | |

| | NAMES OF KEY PERSONNEL Section E, Block 12) | 27. ROLE IN THIS CONTRACT (From Section E, Block 13) | 28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role. | | | | | | | | | |
|------------------------------|---|--|---|----|------|--------|-------|--------|--------|--------|-----------|----|
| (1 TOTH GOODIN' E, Block 12) | (From Geellon E, Block 15) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
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| | | 29. EXAMP | | | | | | | | | | |
| NUMBER 1 | TITLE OF EXAMPL | E PROJECT (From Section F) | NUMBI 6 | ER | TITL | E OF E | XAMPL | _E PRO | JECT (| From S | Section I | F) |
| 2 | | | 7 | | | | | | | | | |
| 3 | | | 8 | | | | | | | | | |
| 4 | | | 9 | | | | | | | | | |
| 5 | | | 10 | | | | | | | | | |
| | | | | | | | | | | | | |

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

| | H. ADDITIONAL | INFORMATION | |
|--|------------------------------|--------------------------------|----------|
| 30. PROVIDE ANY ADDITIONAL INFORMATION | REQUESTED BY THE AGENCY. ATT | ACH ADDITIONAL SHEETS AS NEEDE | D. |
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| | I. AUTHORIZED R | EPRESENTATIVE | |
| 31. SIGNATURE | The foregoing is a s | statement of facts. | 32. DATE |
| | | | |
| 33. NAME AND TITLE | | | |
| | | | |

| | ARCHITECT-ENGINEE | R QUAL | IFICATION | ONS | | | 1. SOLICITAT | ION NUME | BER (If any) | | | |
|---------------------|---------------------------|--|---|--|--------------------------|---------------------------|--------------------------------|--|---|-------------------|--|--|
| | | | GENERAL | | | | | kina wa | ork) | | | |
| 2a. FIRM (or | r Branch Office) NAME | inices, con | ffices, complete for each specific branc | | | | | n oπice seeking work.) 3. YEAR ESTABLISHED 4. UNIQUE ENTITY IDENTIFIE | | | | |
| 2b. STREET | • | | | | | | | 5. OWNERSHIP | | | | |
| 2c. CITY | | | 2d. STA | TE 2e. | ZIP C | ODE | a. TYPE | | | | | |
| 6a POINT C | DF CONTACT NAME AND TITLE | | | | b. SMALL BUSINESS STATUS | | | | | | | |
| od. Tollvi e | TO SOUTH WILL AND THEE | | | | | | 7. NAME OF F | IRM (If Blo | ock 2a is a Br | anch Office) | | |
| 6b. TELEPH | ONE NUMBER | 6c. EMAIL AD | DRESS | | | | | | | | | |
| | 8a. FORMER FIRM | NAME(S) (If any) | | | 8b. YE <i>F</i> | | AR ESTABLISHED 8c. UNIQUE | | | ENTITY IDENTIFIER | | |
| | | | | | | | | | | | | |
| | 9. EMPLOYEES BY DISCIPI | LINE | | A | 1A DV | | ROFILE OF F VERAGE RI | | | | | |
| a. Function Code | b. Discipline | c. Number of | | | | | | | c. Revenue Index Number (see below) | | | |
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| | Other Employees | + | | | | | | | | | | |
| | Total | | | | | | | | | | | |
| (Insert re | ederal Work | 2. \$10 - 3. \$20 - 4. \$50 | PROF ss than \$10 00,000 to le 50,000 to le 00,000 to le million to le | 0,000 ss thar ss thar ss thar | \$250 \$500 \$1 m | 0,000 0,000 nillion | 7. \$5 r 8. \$10 9. \$25 | nillion to nillion to million t million t | less than less than to less thar | | | |
| | | | HORIZED F | | | | | | | | | |
| a. SIGNATUR | RE | 1116 1016 | Syoniy is a s | sialeIII | , i it UI | 1auls. | | b. | DATE | | | |
| c. NAME ANI | D TITLE | | | | | | | | | | | |