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STATE OF TEXAS

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COUNTY OF FORT BEND	§			
On this <u>27th</u> day	of <u>June</u>	, 2023, at a duly	posted and	d called meeting of
the Fort Bend County Drainag	ge District (the "	District"), acting by and	d through	the Commissioners
Court of Fort Bend County, s	itting as its Boar	d of Directors (the "Bo	ard of Dire	ectors"), on motion
of Commissioner	Meyers	, seconded	by	Commissioners
McCoy	, duly put and	l carried:		

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 District 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 Board of Directors designates the Fort Bend County Engineer as the designated authority to receive submissions to the County for the most highly qualified provider of the Professional Services on the basis of demonstrated competence and qualifications, which submissions shall include Standard Form 330 ("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 Board of Directors 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 Board of Directors 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 Fort Bend County Drainage District and the public.

NOW THEREFORE, BE IT RESOLVED AND ORDERED that the Fort Bend County Drainage District Board of Directors:

- 1. Adopts the attached "Policy and Procedure for the Selection of Architectural, Engineering, and Land Surveying Services" as the official policy for the Fort Bend County Drainage District 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 District 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 the Fort Bend County Drainage District for all projects 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 the District as needed for District 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 the Fort Bend County Drainage District.

SIGNED AND ENTERED this _	27th_	day of	June	, 2023.
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FORT BEND COUNTY DRAINAGE DISTRICT

KP GEORGE, COUNTY JUDGE

ATTEST:

LAURA RICHARD, COUNTY CLERK

-3-

## **ATTACHMENT A**

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



## FORT BEND COUNTY DRAINAGE DISTRICT

# 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 Drainage District Board of Directors (the "Board of Directors") on June 27, 2023 and is the official policy of the Fort Bend County Drainage District (the "District") 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 the District to enter into contracts with a diverse group of businesses that are familiar with the District 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 "Professional Services"). The two-step process for Professional Services contracts requires (1) the selection of the most highly qualified provider of the Professional Services on the basis of demonstrated competence and qualifications, and (2) negotiation for a fair and reasonable contract price.

#### 3. District's Use of Standard Form 330

The District will use Standard Form 330 ("SF-330") to obtain information from Professional Services firms regarding their professional qualifications, in accordance with the District'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 Fort Bend 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 the District as needed for all District 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 Fort Bend County 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 the District for such Professional Services. The District will prepare a recommendation to the Board of Directors 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 Board of Directors to select the most highly qualified Provider for each component of each District 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 District 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 Fort Bend County Purchasing Agent and the Fort Bend County Attorney.

Providers of Professional Services included on the List will be eligible for future County and District 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 shall 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 the District. If contract negotiations are unsuccessful, the District will terminate negotiations with the selected Provider. Upon termination of such negotiations, the District shall repeat the selection process provided in Section 6 of this Policy until an agreed contract results and is executed by Provider and the District.

#### 9. Projects Utilizing Federal Grant Funds.

The procedures outlined in this Policy are applicable to all District 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 Drainage District Board of Directors. 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.

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.

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#### **SAMPLE ENTRIES FOR SECTION G** (MATRIX)

26. NAMES OF KEY 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	X		X							
Joseph B. Williams	Chief Mechanical Engineer	Χ	Х	X	X						
Tara C. Donovan	Chief Electricial Engineer	X	Х		Х						

#### 29. EXAMPLE PROJECTS KEY

NUMBER	R 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
	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, Assessments or Statements
A09	Anti-Terrorism/Force Protection	E10	Environmental and Natural Resource
A10	Asbestos Abatement		Mapping
A11	Auditoriums & Theaters	E11	Environmental Planning
A12	Automation; Controls; Instrumentation	E12	Environmental Remediation
		E13	Environmental Testing and Analysis
B01	Barracks; Dormitories		
B02	Bridges	F01 F02	Fallout Shelters; Blast-Resistant Design
C01	Cartography	F02 F03	Field Houses; Gyms; Stadiums Fire Protection
C02	Cemeteries (Planning & Relocation)	F04	Fisheries; Fish ladders
C03	Charting: Nautical and Aeronautical	F05	Forensic Engineering
C04	Chemical Processing & Storage	F06	Forestry & Forest products
C05	Child Care/Development Facilities	G01	Caragos: Vohiala Maintananaa Egailitiaa:
C06	Churches; Chapels	Gui	Garages; Vehicle Maintenance Facilities; Parking Decks
C07	Coastal Engineering	G02	_
C07	Codes; Standards; Ordinances		Gas Systems (Propane; Natural, Etc.)
C09	Cold Storage; Refrigeration and Fast Freeze	G03	Geodetic Surveying: Ground and Air-borne
C10	Conditionage, Reinigeration and Past Preeze  Commercial Building (low rise); Shopping Centers	G04	Geographic Information System Services:
C10	Community Facilities		Development, Analysis, and Data Collection
	·	G05	Geospatial Data Conversion: Scanning,
C12 C13	Communications Systems; TV; Microwave		Digitizing, Compilation, Attributing, Scribing, Drafting
C13	Computer Facilities; Computer Service  Conservation and Resource Management	G06	Graphic Design
C14	Construction Management	000	Crapino Besign
	-	H01	Harbors; Jetties; Piers, Ship Terminal
C16	Construction Surveying		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)	1100	Lots
D04	Design-Build - Preparation of Requests for Proposals	H08	Historical Preservation
D05	Digital Elevation and Terrain Model Development	H09 H10	Hospital & Medical Facilities
D06	Digital Orthophotography	H10 H11	Hotels; Motels Housing (Residential, Multi-Family;
D07	Dining Halls; Clubs; Restaurants	1111	Apartments; Condominiums)
	Dredging Studies and Design	H12	Hydraulics & Pneumatics
D08			

## List of Experience Categories (Profile Codes continued)

Industrial Buddings, Marufacturing Plants   P09   Product, Machine Equipment Design   Industrial Processes; Quality Control   P10   Pneumatic Structures, Air-Support Buildings   Industrial Wasto Treatment   P11   Postal Facilities   Power Generation, Transmission, Distribution   Interior Design; Space Planning   P13   Public Safety Facilities   Public Safety Facilities   Public Safety Facilities   P13   Public Safety Facilities   P14   Postal Facilities   Public Safety Facilities   P15   Power Generation, Transmission, Distribution   P16   Public Safety Facilities   P17   Public Safety Facilities   P18   Public Safety Facilities   P18   Public Safety Facilities   P18	Code	Description	Code	Description
Industrial Waste Treatment		Industrial Buildings; Manufacturing Plants	P09	Product, Machine Equipment Design
Intelligent Transportation Systems		·	P10	Pneumatic Structures, Air-Support Buildings
Interior Design; Space Planning			P11	Postal Facilities
Irrigation; Drainage			P12	Power Generation, Transmission, Distribution
Judicial and Courtroom Facilities R02 Radio Frequency Systems & Shieldings L01 Laboratories; Medical Research Facilities R03 Radio Frequency Systems & Shieldings 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) L07 Mapping Location/Addressing Systems R10 Risk Analysis L08 Materials Handling Systems; Conveyors; Sorters R11 Rivers; Canals; Waterways; Flood Control L08 Military Design Standards R19 Risk Analysis L09 Military Design Standards R19 Risk Analysis L09 Military Design Standards Studies L09 Modular Systems Design; Pre-Fabricated Structures or Components L09 Modular Systems Design; Pre-Fabricated Structures or Components L09 R09 R09 R09 R19 R19 R19 R19 R19 R19 R19 R19 R19 R1			P13	Public Safety Facilities
Julicial and Courtroom Facilities  Laboratories; Medical Research Facilities  Laboratories; Medical Research Facilities  Laboratories; Medical Research Facilities  R04 Recreation Facilities (Parks, Marinas, Etc.)  Lo3 Land Surveying  R05 Refrigeration Plants/Systems  R06 Rehabilitation (Buildings; Structures; Facilities)  Libraries; Museums; Galleries  Libraries; Museums; Galleries  Lighting (Interior; Display; Theater, Etc.)  Lighting (Interior; Display; Theater, Etc.)  R07 Remote Sensing  R08 Research Facilities  R09 Resources Recovery; Recycling  R01 Mapping Location/Addressing Systems  R10 Risk Analysis  M02 Materials Handling Systems; Conveyors; Sorters  R11 Rivers; Canals; Waterways; Flood Control  M03 Metallurgy  M04 Microclimatology; Tropical Engineering  M05 Military Design Standards  M06 Mining & Mineralogy  M07 Missile Facilities (Silos; Fuels; Transport)  M08 Modular Systems Design; Pre-Fabricated Structures or Components  M09 Naval Architecture; Off-Shore Platforms  N01 Naval Architecture; Off-Shore Platforms  N02 Navigation Structures; Locks  N03 Nuclear Facilities; Nuclear Shielding  N04 Nuclear Facilities; Nuclear Shielding  N05 Office Buildings; Industrial Parks  Oceanographic Engineering  N06 Office Buildings; Industrial Parks  Oceanographic Engineering  N07 Petroleum Exploration; Refining  P08 Petroleum Exploration; Refining  P09 Petroleum and Fuel (Storage and Distribution)  P01 Petroleum Exploration; Liquid & Gas)  P04 Plepelines (Cross-Country - Liquid & Gas)  P05 Planning (Cimmunity, Regional, Areawide and State)  T04 Topographic Surveying and Mapping	I06	Irrigation; Drainage	R01	Radar: Sonar: Radio & Radar Telescones
L01 Laboratories; Medical Research Facilities  L02 Land Surveying  R04 Recreation Facilities (Parks, Marinas, Etc.)  L03 Landscape Architecture  R05 Refrigeration Plants/Systems  R06 Rehabilitation (Buildings; Structures; Facilities)  L04 Libraries; Museums; Galleries  L05 Lighting (Interior; Display; Theater, Etc.)  L06 Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)  R07 Remote Sensing  R08 Research Facilities  R09 Resources Recovery; Recycling  R01 Mapping Location/Addressing Systems  R10 Risk Analysis  R02 Materials Handling Systems; Conveyors; Sorters  R11 Rivers; Canals; Waterways; Flood Control  M03 Metallurgy  M04 Microclimatology; Tropical Engineering  M05 Military Design Standards  M06 Mining & Mineralogy  M07 Missile Facilities (Silos; Fuels; Transport)  M08 Modular Systems Design; Pre-Fabricated Structures or Components  Components  N01 Naval Architecture; Off-Shore Platforms  N02 Navigation Structures; Locks  N03 Nuclear Facilities; Nuclear Shielding  N04 Office Buildings; Industrial Parks  Oceanographic Engineering  N05 Ordnance; Munitions; Special Weapons  P06 Petroleum Exploration; Refining  P07 Petroleum Exploration; Refining  P08 Petroleum and Fuel (Storage and Distribution)  P08 Planning (Community, Regional, Areawide and State)  P09 Planning (Community, Regional, Areawide and State)  P09 Planning (Community, Regional, Areawide and State)  P09 Planning (Sile Installation, and Project)  P09 Planning (Community, Regional, Areawide and State)  P00 Planning (Cite Installation, and Project)  P01 Planning (Sile Installation, and Project)  P03 Planning (Sile Installation, and Project)  P04 Planing (Community, Regional, Areawide and State)  P05 Planning (Sile Installation, and Project)  P07 Planning (Sile Installation, and Project)  P08 Planning (Sile Installation, and Project)  P09 Planning (Sile Installation, and Proj	J01	Judicial and Courtroom Facilities		
Lo3 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)  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  M06 Mining & Mineralogy  M07 Missile Facilities (Silos; Fuels; Transport)  M08 Modular Systems Design; Pre-Fabricated Structures or Components  M09 Modular Systems Design; Pre-Fabricated Structures or Components  M00 Noval Architecture; Off-Shore Platforms  M01 Naval Architecture; Off-Shore Platforms  M02 Navigation Structures; Locks  M03 Nuclear Facilities; Nuclear Shielding  M04 Nuclear Spatial Engineering  M05 Oceanographic Engineering  M06 Oceanographic Engineering  M07 Office Buildings; Industrial Parks  M08 Oceanographic Engineering  M09 Ordnance; Munitions; Special Weapons  M00 Oceanographic Engineering  M01 Petroleum Exploration; Refining  M02 Petroleum and Fuel (Storage and Distribution)  M04 Petroleum Exploration; Refining  M05 Planning (Community, Regional, Areawide and State)  M06 Planning (Community, Regional, Areawide and State)  M07 Planning (Community, Regional, Areawide and State)  M08 Planning (Site Installation, and Project)  M09 Planning (Site Installation, and Project)  M09 Planning (Community, Regional, Areawide and State)  M09 Planning (Site Installation, and Project)  M00 Planning	L01	Laboratories; Medical Research Facilities	R03	
LO3 Landscape Architecture R05 Refrigeration Plants/Systems L04 Libraries; Museums; Galleries R06 Rehabilitation (Buildings; Structures; Facilities) L15 Lighting (Interior; Display; Theater, Etc.) R07 Remote Sensing L16 Lighting (Exteriors; Streets; Memorials; R08 Research Facilities) R09 Resources Recovery; Recycling R01 Mapping Location/Addressing Systems R10 Risk Analysis R02 Materials Handling Systems; Conveyors; Sorters R11 Rivers; Canals; Waterways; Flood Control R03 Metallurgy R12 Roofing R05 Military Design Standards R06 Mining & Mineralogy; Tropical Engineering R07 Missile Facilities (Silos; Fuels; Transport) R08 Modular Systems Design; Pre-Fabricated Structures or Components R09 Solia & Geologic Studies; Foundations R00 Naval Architecture; Off-Shore Platforms R01 Naval Architecture; Off-Shore Platforms R02 Navigation Structures; Locks R03 Nuclear Facilities; Nuclear Shielding R04 Nuclear Special Engineering R05 Solia Structural Design; Special Structures R06 Oceanographic Engineering R07 Ordnance; Munitions; Special Weapons R08 Studies R09 Structural Design; Special Structures R00 Ordnance; Munitions; Special Weapons R01 Petroleum Exploration; Refining R02 Petroleum and Fuel (Storage and Distribution) R04 Petroleum Exploration; Refining R05 Planning (Community, Regional, Areawide and State) R06 Planning (Community, Regional, Areawide and State) R07 Planning (Community, Regional, Areawide and State) R08 Planning (Sture Installation, and Protect) R09	L02	Land Surveying	R04	Recreation Facilities (Parks, Marinas, Etc.)
Löbt Lighting (Exteriors: Streets; Memorials; Athletic Fields, Etc.)  Lighting (Exteriors: Streets; Memorials; Athletic Fields, Etc.)  Mapping Location/Addressing Systems  Mot Mapping Location/Addressing Systems  Mot Materials Handling Systems; Conveyors; Sorters  Mot Materials Handling Systems; Conveyors; Sorters  Mot Mittary Westerways; Flood Control Roofing  Mot Microclimatology; Tropical Engineering  Mot Military Design Standards  Mot Mining & Mineralogy  Mot Missile Facilities (Silos; Fuels; Transport)  Mot Missile Facilities (Silos; Fuels; Transport)  Mot Moular Systems Design; Pre-Fabricated Structures or Components  Mot Moular Systems Design; Pre-Fabricated Structures or Components  Mot Naval Architecture; Off-Shore Platforms  No1 Naval Architecture; Off-Shore Platforms  No2 Navigation Structures; Locks  No3 Nuclear Facilities; Nuclear Shelding  No4 Oceanographic Engineering  Oot Office Buildings; Industrial Parks  Ooc Oceanographic Engineering  Oot Ordnance; Munitions; Special Weapons  Pot Petroleum Exploration; Refining  Petroleum and Fuel (Storage and Distribution)  Pot Petroleum and Fuel (Storage and Distribution)  Pot Planning (Community, Regional, Areawide and State)  Pot Planning (Site, Installation, and Project)  Pot Planning (Community, Regional, Areawide and State)  Pot Planning (Site, Installation, and Project)  Pot Planning (Community, Regional, Areawide and State)  Pot Planning (Site, Installation, and Project)  Pot Planning (Site, Installation, and Project)  Pot Planning (Site, Installation, and Project)  Pot Planning (Community, Regional, Areawide and State)  Pot Planning (Site, Installation, and Project)  Pot Planning (Site, Installation, and Project)  Pot Planning (Site, Installation, and Project)	L03		R05	Refrigeration Plants/Systems
Löbt Lighting (Exteriors: Streets; Memorials; Athletic Fields, Etc.)  Lighting (Exteriors: Streets; Memorials; Athletic Fields, Etc.)  Mapping Location/Addressing Systems  Mot Mapping Location/Addressing Systems  Mot Materials Handling Systems; Conveyors; Sorters  Mot Materials Handling Systems; Conveyors; Sorters  Mot Mittary Westerways; Flood Control Roofing  Mot Microclimatology; Tropical Engineering  Mot Military Design Standards  Mot Mining & Mineralogy  Mot Missile Facilities (Silos; Fuels; Transport)  Mot Missile Facilities (Silos; Fuels; Transport)  Mot Moular Systems Design; Pre-Fabricated Structures or Components  Mot Moular Systems Design; Pre-Fabricated Structures or Components  Mot Naval Architecture; Off-Shore Platforms  No1 Naval Architecture; Off-Shore Platforms  No2 Navigation Structures; Locks  No3 Nuclear Facilities; Nuclear Shelding  No4 Oceanographic Engineering  Oot Office Buildings; Industrial Parks  Ooc Oceanographic Engineering  Oot Ordnance; Munitions; Special Weapons  Pot Petroleum Exploration; Refining  Petroleum and Fuel (Storage and Distribution)  Pot Petroleum and Fuel (Storage and Distribution)  Pot Planning (Community, Regional, Areawide and State)  Pot Planning (Site, Installation, and Project)  Pot Planning (Community, Regional, Areawide and State)  Pot Planning (Site, Installation, and Project)  Pot Planning (Community, Regional, Areawide and State)  Pot Planning (Site, Installation, and Project)  Pot Planning (Site, Installation, and Project)  Pot Planning (Site, Installation, and Project)  Pot Planning (Community, Regional, Areawide and State)  Pot Planning (Site, Installation, and Project)  Pot Planning (Site, Installation, and Project)  Pot Planning (Site, Installation, and Project)	L04	Libraries; Museums; Galleries	R06	Rehabilitation (Buildings; Structures; Facilities)
Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)  Mapping Location/Addressing Systems  M10 Risk Analysis  M20 Materials Handling Systems; Conveyors; Sorters  M21 Rivers; Canals; Waterways; Flood Control  M33 Metallurgy  M44 Microclimatology; Tropical Engineering  M35 Military Design Standards  M36 Mining & Mineralogy  M37 Missile Facilities (Silos; Fuels; Transport)  M38 Modular Systems Design; Pre-Fabricated Structures or Components  M37 Movigation Structures; Locks  M38 Navigation Structures; Locks  M39 Nuclear Facilities; Nuclear Shielding  M30 Nuclear Facilities; Nuclear Shielding  M31 Sustainable Design; Plating; Mapping; Flood  Planing Community, Regional, Areawide and State)  P30 Planning (Community, Regional, Areawide and State)  M30 Planning (Community, Regional, Areawide and State)  M41 Risk Analysis  R69 Research Facilities  R69 Rescources Recovery; Recovery	L05	Lighting (Interior; Display; Theater, Etc.)	R07	
Athletic Fields, Etc.)  Mo1 Mapping Location/Addressing Systems  M02 Materials Handling Systems; Conveyors; Sorters  M03 Metallurgy  M04 Microclimatology; Tropical Engineering  M05 Military Design Standards  M06 Mining & Mineralogy  M07 Missile Facilities (Silos; Fuels; Transport)  M08 Modular Systems Design; Pre-Fabricated Structures or Components  M09 Navigation Structure; Off-Shore Platforms  N00 Navigation Structures; Locks  N00 Navigation Structures; Locks  N01 Office Buildings; Industrial Parks  Oceanographic Engineering  Oceanographic Engineering  Oceanographic Engineering  Oceanographic Engineering  P01 Petroleum Exploration; Refining  P02 Petroleum and Fuel (Storage and Distribution)  P03 Planning (Community, Regional, Areawide and State)  P06 Planning (Community, Regional, Areawide and State)  P07 Planning (Community, Regional, Areawide and State)  P08 Planning (Community, Regional, Areawide and State)  P1 Poortine Material Studies (Sorage and Distribution)  P1 P1 P1 Poortine Material Parks (P1 Poortine P1 Poortine P1 Poortine P1 Poortine P1 Poortine P1	L06	Lighting (Exteriors; Streets; Memorials;		-
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       S01       Safety Engineering; Accident Studies; OSHA Studies         M05       Military Design Standards       S02       Security Systems; Intruder & Smoke Detection         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 Components       S04       Sewage Collection, Treatment and Disposal         N01       Naval Architecture; Off-Shore Platforms       S05       Solid & Geologic Studies; Foundations         N02       Navigation Structures; Locks       S08       Special Energy Utilization         N02       Navigation Structures; Locks       S08       Special Environments; Clean Rooms, Etc.         N03       Nuclear Facilities; Nuclear Shielding       S09       Structural Design, Special Structures         O01       Office Buildings; Industrial Parks       S10       Surveying; Plating; Mapping; Flood Plain Stu		Athletic Fields, Etc.)	R09	Resources Recovery: Recycling
M02       Materials Handling Systems; Conveyors; Sorters       R11       Rivers; Canals; Waterways; Flood Control         M03       Metallurgy       R12       Roofing         M04       Microclimatology; Tropical Engineering       S01       Safety Engineering; Accident Studies; OSHA Studies         M05       Military Design Standards       S02       Security Systems; Intruder & Smoke Detection         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 Components       S04       Sewage Collection, Treatment and Disposal         M08       Modular Systems Design; Pre-Fabricated Structures or Components       S05       Soils & Geologic Studies; Foundations         N01       Naval Architecture; Off-Shore Platforms       S06       Solar Energy Utilization         N02       Navigation Structures; Locks       S08       Special Environments; Clean Rooms, Etc.         N03       Nuclear Facilities; Nuclear Shielding       S09       Structural Design; Special Structures         O01       Office Buildings; Industrial Parks       S10       Surveying; Platting; Mapping; Flood Plain Studies         O02       Oceanographic Engineering       S11<	M01	Mapping Location/Addressing Systems		
M03MetallurgyR12RoofingM04Microclimatology; Tropical EngineeringS01Safety Engineering; Accident Studies; OSHA StudiesM05Military Design StandardsS02Security Systems; Intruder & Smoke DetectionM06Mining & MineralogyS02Security Systems; Intruder & Smoke DetectionM07Missile Facilities (Silos; Fuels; Transport)S03Seismic Designs & StudiesM08Modular Systems Design; Pre-Fabricated Structures or ComponentsS04Sewage Collection, Treatment and DisposalN01Naval Architecture; Off-Shore PlatformsS05Solid & Geologic Studies; FoundationsN02Navigation Structures; LocksS08Special Environments; Clean Rooms, Etc.N03Nuclear Facilities; Nuclear ShieldingS09Structural Design; Special StructuresO01Office Buildings; Industrial ParksS10Surveying; Platting; Mapping; Flood Plain StudiesO02Oceanographic EngineeringS11Sustainable DesignO03Ordnance; Munitions; Special WeaponsS11Sustainable DesignP01Petroleum Exploration; RefiningS13Storm Water Handling & FacilitiesP02Petroleum and Fuel (Storage and Distribution)TolTelephone Systems (Rural; Mobile; Intercom, Etc.)P04Pipelines (Cross-Country - Liquid & Gas)T02Testing & Inspection ServicesP05Planning (Site Installation and Project)T04Topographic Surveying and Mapping	M02			•
M04Microclimatology; Tropical EngineeringS01Safety Engineering; Accident Studies; OSHA StudiesM05Military Design StandardsS02Security Systems; Intruder & Smoke DetectionM06Mining & MineralogyS03Seismic Designs & StudiesM07Missile Facilities (Silos; Fuels; Transport)S03Seismic Designs & StudiesM08Modular Systems Design; Pre-Fabricated Structures or ComponentsS04Sewage Collection, Treatment and DisposalN01Naval Architecture; Off-Shore PlatformsS05Soils & Geologic Studies; FoundationsN01Naval Architecture; Off-Shore PlatformsS07Solid Wastes; Incineration; LandfillN02Navigation Structures; LocksS08Special Environments; Clean Rooms, Etc.N03Nuclear Facilities; Nuclear ShieldingS09Structural Design; Special StructuresO01Office Buildings; Industrial ParksS10Surveying; Platting; Mapping; Flood Plain StudiesO02Oceanographic EngineeringS11Sustainable DesignO03Ordnance; Munitions; Special WeaponsS11Sustainable DesignP01Petroleum Exploration; RefiningS13Storm Water Handling & FacilitiesP02Petroleum and Fuel (Storage and Distribution)T01Telephone Systems (Rural; Mobile; Intercom, Etc.)P04Pipelines (Cross-Country - Liquid & Gas)T02Testing & Inspection ServicesP05Planning (Site, Installation, and Project)T04Topographic Surveying and Mapping	M03			•
M05 Military Design Standards M06 Mining & Mineralogy M07 Missile Facilities (Silos; Fuels; Transport) M08 Modular Systems Design; Pre-Fabricated Structures or Components M09 Modular Systems Design; Pre-Fabricated Structures or Components M08 Modular Systems Design; Pre-Fabricated Structures or Components M09 Solar Energy Utilization M00 Naval Architecture; Off-Shore Platforms M00 Navigation Structures; Locks M00 Navigation Structures; Locks M01 Navigation Structures; Nuclear Shielding M02 Navigation Structures; Nuclear Shielding M03 Viructural Design; Special Structures M04 Sewage Collection, Treatment and Disposal Sewage Collection, Treatment and Disposal Solar Energy Utilization M07 Solid Wastes; Incineration; Landfill M08 Special Environments; Clean Rooms, Etc. M09 Structural Design; Special Structures M09 Structural Design; Special Structures M00 Oceanographic Engineering M00 Ordnance; Munitions; Special Weapons M01 Petroleum Exploration; Refining M03 Solar Energy Utilization M06 Solar Energy Utilization M07 Solid Wastes; Incineration; Landfill M08 Special Environments; Clean Rooms, Etc. M08 Special Environments; Clean Rooms, Etc. M09 Structural Design; Special Structures M09 Structural Design; Special Structures M09 Surveying; Platting; Mapping; Flood Plain Studies M09 Structural Design; Special Structures M09 Surveying; Platting; Mapping; Flood M09 Plain Studies M09 Structural Design; Special Structures M09 Surveying; Platting; Mapping; Flood M09 Plain Studies M09 Structural Design; Special Structures M09 Surveying; Platting; Mapping; Flood M09 Plain Studies M09 Structural Design; Special Structures M09 Surveying; Platting; Mapping; Flood M09 Plain Studies M09 Structural Design; Special Structures M09 Surveying; Platting; Mapping; Flood M09 Plain Studies M09 Structural Design; Special Structures M09 Surveying; Platting; Mapping; Flood M09 Plain Studies M09 Structural Design; Special Structures M09 Surveying; Platting; Mapping; Flood M09 Plain Studies M09 Surveying; Platting; Mapping; Flood M09 Surveying;	M04	Microclimatology; Tropical Engineering		-
M06Mining & MineralogyS02Security Systems; Intruder & Smoke DetectionM07Missile Facilities (Silos; Fuels; Transport)S03Seismic Designs & StudiesM08Modular Systems Design; Pre-Fabricated Structures or ComponentsS04Sewage Collection, Treatment and DisposalN01Naval Architecture; Off-Shore PlatformsS05Soils & Geologic Studies; FoundationsN02Navigation Structures; LocksS07Solid Wastes; Incineration; LandfillN02Nuclear Facilities; Nuclear ShieldingS09Structural Design; Special StructuresO01Office Buildings; Industrial ParksS10Surveying; Platting; Mapping; FloodO02Oceanographic EngineeringS11Sustainable DesignO03Ordnance; Munitions; Special WeaponsS11Sustainable DesignP01Petroleum Exploration; RefiningS13Storm Water Handling & FacilitiesP02Petroleum and Fuel (Storage and Distribution)T01Telephone Systems (Rural; Mobile; Intercom, Etc.)P04Pipelines (Cross-Country - Liquid & Gas)T02Testing & Inspection ServicesP05Planning (Community, Regional, Areawide and State)T03Traffic & Transportation EngineeringP06Planning (Site, Installation, and Project)T04Topographic Surveying and Mapping	M05	Military Design Standards	S01	
M07Missile Facilities (Silos; Fuels; Transport)S03Seismic Designs & StudiesM08Modular Systems Design; Pre-Fabricated Structures or ComponentsS04Sewage Collection, Treatment and DisposalN01Naval Architecture; Off-Shore PlatformsS05Soils & Geologic Studies; FoundationsN02Navigation Structures; LocksS07Solid Wastes; Incineration; LandfillN03Nuclear Facilities; Nuclear ShieldingS09Structural Design; Special StructuresO01Office Buildings; Industrial ParksS10Surveying; Platting; Mapping; Flood Plain StudiesO02Oceanographic EngineeringS11Sustainable DesignO03Ordnance; Munitions; Special WeaponsS11Sustainable DesignP01Petroleum Exploration; RefiningS13Storm Water Handling & FacilitiesP02Petroleum and Fuel (Storage and Distribution)T01Telephone Systems (Rural; Mobile; Intercom, Etc.)P04Pipelines (Cross-Country - Liquid & Gas)T02Testing & Inspection ServicesP05Planning (Community, Regional, Areawide and State)T03Traffic & Transportation EngineeringP06Planning (Site Installation, and Project)T04Topographic Surveying and Mapping	M06	Mining & Mineralogy	S02	
M08       Modular Systems Design; Pre-Fabricated Structures or Components       S04       Sewage Collection, Treatment and Disposal Soils & Geologic Studies; Foundations         N01       Naval Architecture; Off-Shore Platforms       S06       Solar Energy Utilization         N02       Navigation Structures; Locks       S08       Special Environments; Clean Rooms, Etc.         N03       Nuclear Facilities; Nuclear Shielding       S09       Structural Design; Special Structures         O01       Office Buildings; Industrial Parks       S10       Surveying; Platting; Mapping; Flood Plain Studies         O02       Oceanographic Engineering       S11       Sustainable Design         O03       Ordnance; Munitions; Special Weapons       S11       Sustainable Design         P01       Petroleum Exploration; Refining       S13       Storm Water Handling & Facilities         P02       Petroleum and Fuel (Storage and Distribution)       T01       Telephone Systems (Rural; Mobile; Intercom, 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	M07	Missile Facilities (Silos; Fuels; Transport)		
Components  Solis & Geologic Studies; Foundations  Solid Wastes; Incineration; Landfill  Sol	M08	Modular Systems Design; Pre-Fabricated Structures or		•
No1 Naval Architecture; Off-Shore Platforms  No2 Navigation Structures; Locks  No3 Nuclear Facilities; Nuclear Shielding  Office Buildings; Industrial Parks OO2 Oceanographic Engineering OO3 Ordnance; Munitions; Special Weapons  Po1 Petroleum Exploration; Refining Po2 Petroleum and Fuel (Storage and Distribution) Po3 Photogrammetry Po4 Pipelines (Cross-Country - Liquid & Gas) Po5 Planning (Site, Installation, and Project) Po6 Planning (Site, Installation, and Project)  Naval Architecture; Off-Shore Platforms Sold Wastes; Incineration; Landfill Sold Wastes, Incineration; Landfill Sold Wastes, Incineration; Landfill Sold Wastes, Incineration; Landfill Sold Wastes, Inciner		Components		
No1 Naval Architecture; Off-Shore Platforms  No2 Navigation Structures; Locks  No3 Nuclear Facilities; Nuclear Shielding  Office Buildings; Industrial Parks  O02 Oceanographic Engineering  O03 Ordnance; Munitions; Special Weapons  Po1 Petroleum Exploration; Refining  Po2 Petroleum and Fuel (Storage and Distribution)  Po3 Photogrammetry  Po4 Pipelines (Cross-Country - Liquid & Gas)  Po5 Planning (Community, Regional, Areawide and State)  Po6 Planning (Site, Installation, and Project)  Navigation Structures; Locks  So8 Special Environments; Clean Rooms, Etc.  So9 Structural Design; Special Structures  Surveying; Platting; Mapping; Flood Planning (Site, Installation, and Project)  Surveying; Platting; Mapping; Flood Planning (Site, Installation, and Project)  Solid Wastes; Incineration; Landfill  Special Environments; Clean Rooms, Etc.  So8 Special Environments; Clean Rooms, Etc.  So9 Structural Design; Special Structures  Surveying; Platting; Mapping; Flood Planning (Site, Installation, and Project)  Solid Wastes; Incineration; Landfill  Special Environments; Clean Rooms, Etc.  So8 Special Environments; Clean Rooms, Etc.  So9 Structural Design; Special Structures  Surveying; Platting; Mapping; Flood Planning; Plood Planning; Plood Planning (Site, Installation, and Project)				•
No2 Navigation Structures; Locks  No3 Nuclear Facilities; Nuclear Shielding  Office Buildings; Industrial Parks O02 Oceanographic Engineering O03 Ordnance; Munitions; Special Weapons  Pot Petroleum Exploration; Refining Po2 Petroleum and Fuel (Storage and Distribution) Po3 Photogrammetry Po4 Pipelines (Cross-Country - Liquid & Gas) Po5 Planning (Community, Regional, Areawide and State) Po6 Planning (Site, Installation, and Project)  Nuclear Facilities; Nuclear Shielding Som Special Environments; Clean Rooms, Etc. Som Structural Design; Special Structures Surveying; Platting; Mapping; Flood Plain Studies Surveying; Platting; Mapping; Flood Plain Studies Sustainable Design Surveying; Platting; Mapping; Flood Plain Studies Surveying; Platting; Mapping; Platting; Mapping; Platting; Mapping; Platting; Mappin	N01	Naval Architecture; Off-Shore Platforms		<del></del>
N03 Nuclear Facilities; Nuclear Shielding  O1 Office Buildings; Industrial Parks O2 Oceanographic Engineering O3 Ordnance; Munitions; Special Weapons  P01 Petroleum Exploration; Refining P02 Petroleum and Fuel (Storage and Distribution) P03 Photogrammetry P04 Pipelines (Cross-Country - Liquid & Gas) P05 Planning (Community, Regional, Areawide and State) P06 Planning (Site, Installation, and Project)  S10 Surveying; Platting; Mapping; Flood Plain Studies S11 Sustainable Design S12 Swimming Pools S13 Storm Water Handling & Facilities P14 Telephone Systems (Rural; Mobile; Intercom, Etc.) P15 Testing & Inspection Services P16 Traffic & Transportation Engineering P17 Topographic Surveying and Mapping	N02	Navigation Structures; Locks		·
Oceanographic Engineering Ordnance; Munitions; Special Weapons  Petroleum Exploration; Refining Petroleum and Fuel (Storage and Distribution) Photogrammetry Pipelines (Cross-Country - Liquid & Gas) Planning (Community, Regional, Areawide and State) Planning (Site, Installation, and Project)  Surveying; Platting; Mapping; Flood Planning; Mapping; Flood Platting; Mapping	N03	Nuclear Facilities; Nuclear Shielding		
Ordnance; Munitions; Special Weapons  S11 Sustainable Design  S12 Swimming Pools  Postroleum Exploration; Refining  Petroleum and Fuel (Storage and Distribution)  Photogrammetry  Postroleum exploration; Refining  Photogrammetry  Postroleum and Fuel (Storage and Distribution)  Photogrammetry  Postroleum and Fuel (Storage and Distribution)  Photogrammetry  Postroleum and Fuel (Storage and Distribution)  Postroleum and Fuel (Storage and Distribution)  Tolephone Systems (Rural; Mobile; Intercom, Etc.)  Postroleum and Fuel (Storage and Distribution)  Tolephone Systems (Rural; Mobile; Intercom, Etc.)  Postroleum and Fuel (Storage and Distribution)  Tolephone Systems (Rural; Mobile; Intercom, Etc.)  Topographic Surveying and Mapping				Surveying; Platting; Mapping; Flood
P01 Petroleum Exploration; Refining S13 Storm Water Handling & Facilities P02 Petroleum and Fuel (Storage and Distribution) P03 Photogrammetry T01 Telephone Systems (Rural; Mobile; Intercom, 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			S11	
P01 Petroleum Exploration; Refining  P02 Petroleum and Fuel (Storage and Distribution)  P03 Photogrammetry  P04 Pipelines (Cross-Country - Liquid & Gas)  P05 Planning (Community, Regional, Areawide and State)  P06 Planning (Site, Installation, and Project)  S13 Storm Water Handling & Facilities  T01 Telephone Systems (Rural; Mobile; Intercom, Etc.)  T02 Testing & Inspection Services  T03 Traffic & Transportation Engineering  T04 Topographic Surveying and Mapping				-
P03 Photogrammetry  P04 Pipelines (Cross-Country - Liquid & Gas)  P05 Planning (Community, Regional, Areawide and State)  P06 Planning (Site, Installation, and Project)  P17 Telephone Systems (Rural; Mobile; Intercom, Etc.)  P18 Telephone Systems (Rural; Mobile; Intercom, Etc.)  P19 Testing & Inspection Services  P10 Traffic & Transportation Engineering  T04 Topographic Surveying and Mapping	P01	Petroleum Exploration; Refining		-
P03 Photogrammetry <i>Etc.)</i> 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	P02	Petroleum and Fuel (Storage and Distribution)	T01	Talanhana Systama (Byral: Mahila: Intercom
P05 Planning (Community, Regional, Areawide and State)  T03 Traffic & Transportation Engineering  T04 Topographic Surveying and Mapping	P03	Photogrammetry	101	*
P06 Planning (Site Installation, and Project)  T04 Topographic Surveying and Mapping	P04	Pipelines (Cross-Country - Liquid & Gas)	T02	Testing & Inspection Services
Pub Planning (Site, Installation, and Project)	P05	Planning (Community, Regional, Areawide and State)		
105 Lowers (Self-Supporting & Guyed Systems)	P06	Planning (Site, Installation, and Project)		
P07 Plumbing & Piping Design T06 Tunnels & Subways	P07	Plumbing & Piping Design		, , , , , , , , , , , , , , , , , , , ,
P08 Prisons & Correctional Facilities	P08	Prisons & Correctional Facilities	100	Talinolo a Gubwayo

## List of Experience Categories (Profile Codes continued)

Code U01	<b>Description</b> 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	TRACT-SP	ECIFIC QUALIFICATION	DNS	
					Α.	CONTRACT	INFORMATION		
1. 7	TITLE	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	EER POINT OF CONTACT	Γ	
4. 1	IMAI	E AN	ID TI	TLE					
5. 1	IAMI	E OF	FIR	M					
6. 1	ELE	PHO	I BNC	NUMBER	7. FAX NUMBER		8. E-MAIL ADDRESS		
						C. PROPO	OSED TEAM		
				(Comp	lete this section fo	or the prime	contractor and all key subd	contractors.)	
	¥	V-C AHNTAPA	N N N	9. FIRM NA	AME		10. ADDRESS	11. ROLE IN THIS CONTRA	CT
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					
$\overline{}$	ΩP	·C A	NIZ	ATIONAL CHART OF P	!	 		(Attached)	

		EY PERSONNEL PROPOSI		ONTRACT	
		lete one Section E for each	key person.)	1 44	VEADO EVEDIENOS
12.	NAME	13. ROLE IN THIS CONTRACT		a. TOTAL	b. WITH CURRENT FIRM
15.	FIRM NAME AND LOCATION (City and State)				I
16.	EDUCATION (Degree and Specialization)	17. CUR	RENT PROFESSION	IAL REGISTRATION	(State and Discipline)
18.	OTHER PROFESSIONAL QUALIFICATIONS (Publications, Or	ganizations, Training, Awards, etc.)			
		19. RELEVANT PROJEC	`TS		
	(1) TITLE AND LOCATION (City and State)	19. REELVANT FROSEC	1	(2) VEAD	COMPLETED
	(1) The Exits Essivition (s.i.y and state)		PROFESS		CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND S	SPECIFIC ROLE	Ch	eck if project perfo	ormed with current firm
	(1) TITLE AND LOCATION (City and State)		1	(2) YEAR	COMPLETED
	(i) in 22 mile 20 strictly and state)		PROFESS	, ,	CONSTRUCTION (If applicable)
			T NOT EGG	SIGIVICE SEIVIGES	CONCINCOTION (II applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND S	SPECIFIC ROLE	Ch	eck if project perfo	ormed with current firm
	(1) TITLE AND LOCATION (City and State)			(2) YEAR	COMPLETED
			PROFESS	SIONAL SERVICES	CONSTRUCTION (If applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND S	SPECIFIC ROLE	Ch	eck if project perfo	ormed with current firm
	(1) TITLE AND LOCATION (City and State)			(2) YEAR	COMPLETED
			PROFESS	SIONAL SERVICES	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND S	SPECIFIC ROLE	Ch	eck if project perfo	ormed with current firm
	(1) TITLE AND LOCATION (City and State)			(2) YEAR	COMPLETED
			PROFESS	SIONAL SERVICES	CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND S	SPECIFIC ROLE	Ch	eck if project perfo	ormed with current firm

# F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.) D LOCATION (City and State) 20. EXAMPLE PROJECT KEY NUMBER 21. YEAR COMPLETED

Complete o						
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED				
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)			
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF C	CONTACT TELEPHONE NUMBER			

1. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT $_{ m (}$	(Include scope, size, and	cost)
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25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT									
a. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE							
(1) FIRM NAME b.	(2) FIRM LOCATION (City and State)	(3) ROLE							
(1) FIRM NAME C.	(2) FIRM LOCATION (City and State)	(3) ROLE							
(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE							
(1) FIRM NAME e.	(2) FIRM LOCATION (City and State)	(3) ROLE							
(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.									
(FIOIII .			1	2	3	4	5	6	7	8	9	10
-												
					-							
		29. EXAMF	LE PRO	JECTS	KEY	!	ļ					
NUMBER	TITLE OF EXAMPL	E PROJECT (From Section F)	NUMB	ER	TITL	E OF E	XAMPL	E PRC	JECT (	From S	Section I	F)
1	FR TITLE OF EXAMPLE PROJECT (From Section F) NUMBER TITLE OF EXAMPLE PROJECT (From Section 6											
2			7									
3			8									
4			9									
5			10									

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

	H. ADDITIO	NAL INFORMATION	
30.	PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY	7. ATTACH ADDITIONAL SHEETS AS NEEDED.	
	I. AUTHORIZE	ED REPRESENTATIVE is a statement of facts.	
31.	SIGNATURE	to a statement of facts.	32. DATE
33.	IAME AND TITLE		L

	ARCHITECT-ENGINEE	R QUAL	IFICATION	ONS			1. SOLICITATIO	ON NUME	BER (If any)		
	(If a firm has branch c		GENERAL					ina wa	ork )		
2a. FIRM (or	r Branch Office) NAME	nnces, cor	ripiete for t	acii s	beciii	C Dranci	3. YEAR ESTA	BLISHED	7 (4. UNIQUE	ENTITY IDENTIFIER	
2b. STREET	-						5. OWNERSHIP				
2c. CITY			2d. STA	TE 2e.	ZIP C	ODE	a. TYPE				
62 POINT C	DF CONTACT NAME AND TITLE				b. SMALL BUSINESS STATUS						
oa. FOINT C	OF CONTACT NAME AND THEE						7. NAME OF FI	RM (If Bl	ock 2a is a Br	anch Office)	
6b. TELEPH	ONE NUMBER	c. EMAIL ADDRESS				-					
	8a. FORMER F <b>I</b> RM	NAME(S) (If	any)			8b. YEA	AR ESTABLISH	ED 8c.	UN <b>I</b> QUE EI	NTITY IDENTIFIER	
	9. EMPLOYEES BY DISCIPI	LINE	Al	ND AN		ROFILE OF FIRM'S EXPERIENCE AVERAGE REVENUE FOR LAST 5 YEAR			ST 5 YEARS		
a. Function Code	b. Discipline	c. Number of (1) FIRM	a. Pro Cod			b. Experience Num			c. Revenue Index Number (see below)		
-											
					_						
					_						
-											
-					+						
					_						
	Other Employees										
	Total										
(Insert re	ederal Work	2. \$1 - 3. \$2 - 4. \$5	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	),000 ),000 nillion	7. \$5 m 8. \$10 i 9. \$25 i	illion to illion to million t million t	less than less than to less thar		
			HORIZED F								
a. SIGNATUI	RE	1116 1016	syoniy is a s	siaiGIII	.iii 01	iuois.		b.	DATE		
c. NAME ANI	D TITLE										