

# ARCHITECT-ENGINEER QUALIFICATIONS

# CDB FORM 330

## INSTRUCTIONS (Revised 2/8/2021)

### PURPOSE

The State of Illinois Capital Development Board and state-supported institutions of higher education use this form to obtain information from Architect/Engineer ("A/E") firms about their professional qualifications. The CDB and supported agencies select firms for A/E contracts on the basis of professional qualifications as required by Illinois Compiled Statutes; Illinois Procurement Code, 30 ILCS 500 and Architectural, Engineering and Land Surveying Qualifications Based Selection Act, 30 ILCS 535.

It is the policy of State agencies of this State to publicly announce all requirements for architectural, engineering, and land surveying services, to procure these services on the basis of demonstrated competence and qualifications, to negotiate contracts at fair and reasonable prices, and to authorize the Department of Professional Regulation to enforce the provisions of Section 65 of the Architectural, Engineering, and Land Surveying Qualifications Based Selection Act.

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 general qualifications of a firm or a specific branch office of a firm. Submit Part I with each Statement of Qualifications.

Part II presents the qualifications for a specific contract.

### 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 and Land Surveying Services:** Defined in Section 5 of the Illinois Architecture Practice Act of 1989; Section 4 of the Professional Engineering Practice Act of 1989 or Section 5 of the Structural Engineering Practice Act of 1989; and Section 5 of the Illinois Professional Land Surveyor Act of 1989, respectively.

**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:** Any individual, sole proprietorship, firm, partnership, corporation, association, or other legal entity permitted by law to practice the profession of architecture, engineering, or land surveying.

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

**Project:** Any capital improvement project or any design, study, plan, survey, or new or existing program activity of a State agency, including development of new or existing programs that require architectural, engineering, or land surveying services.

**Agency:** Any department, commission, council, board, bureau, committee, institution, agency, university, government corporation, authority, or other establishment or official of this State.

### Basic Project Information

1a. Project Number. Enter CDB Project Number from the Professional Services Bulletin

1b. PSB #. Enter the Professional Services Bulletin Volume number the project is advertised in.

1c. Project Title. Enter the Project Title.

### Part I – Required Information

2a-2e. Firm (or Branch Office) Name and Address. Self-explanatory. Enter firm name as it appears on the CDB prequalification letter.

3. Year Established. Enter the year the firm (or branch office, if appropriate) was established under the current name.

4a-4b. CDB Prequalification # and Expiration. Enter the CDB Prequalification Number and Expiration for the specific parent or branch office submitting the form.

5. Ownership.

a. Type. Enter the type of ownership or legal structure of the firm (sole proprietor, partnership, corporation, joint venture, etc.).

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.

6d-6e. Illinois Procurement Gateway (IPG) # and Expiration. Enter IPG # and Expiration. Used only when submitting Forms B rather than Forms A.

7. Name of Firm. Enter the name of the parent firm if Part I 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 CDB prequalification number. This information is used to review past performance on CDB 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 I is prepared for a firm (including all branch offices), enter the number of employees by disciplines in column c(1). If Part I is prepared for a branch office, enter the number of employees by discipline (at that branch) in column c(2) and for the firm (overall) 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 State work (performed directly for the State Government, either as the prime contractor or subcontractor), non-State work (all other domestic and foreign work), and the total.

## **Part II - Contract-Specific Qualifications**

### *Section A. Prime/JV CMS BEP Certification*

1-2. CMS Certification and Expiration. Indicate whether the Prime/JV is certified with Central Management Services (CMS) as a MBE, WBE, VBE, or PBE and enter the expiration date. Mark "N/A" if the Prime/JV is not certified.

### *Section B. Team Personnel*

3. Assigned. Enter the number of each type of team personnel that will be assigned to this project. Other types may be listed to the right.

4. IL. Licensed. Enter the number of the respective Illinois Licensed team personnel assigned to this project.

### *Section C. Proposed Team*

5. Percent of Work to be Complete by Prime Contractor. Self-explanatory.

6. Prime Contractor Distance to Project Location. Enter the approximate distance from the firm's location to the project site. If a project site has not been determined enter "N/A".

7. % of Work. Enter the percentage of work to be performed by each subcontractor.

8. Firm Name. Enter the subcontractor's firm name (as they are prequalified or registered with CDB) and their CDB prequalification number/expiration.

9. Address. Enter the address of the subcontractor. The address entered must match the address the subcontractor is prequalified/registered at with CDB. Parent and Branch offices have separate CDB prequalification/registration numbers so please verify they correlate.

10. Role in this Contract. Enter a concise description of the services to be performed by the subcontractor (e.g. "Structural Engineering").

11. CMS Cert. If the subcontractor is certified with CMS as a MBE, WBE, VBE, or PBE, indicate as such. Select "N/A" if the subcontractor is not certified. Enter the expiration date of the subcontractor's CMS Certification. No expiration date is required if "N/A" is selected.

*Note:* Percentages are tallied at the bottom of pages 2 and 3. "Prime + Consultant Total" must equal 100% in order to be able to digitally sign the form. Adjust accordingly.

### *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)).

**Note: Use the "Add a Page" button at the bottom to add additional Section E's. If the page has already been filled in, the text will copy over to the added page. Use the "Clear Page" button to clear the individual page.**

**If inserting outside PDF pages from a subcontractor or prior PDF submittal, print the pages to PDF to flatten the text fields prior to inserting or the text fields will interfere with each other and cause loss of content.**

*Section F(a). 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 as many projects as requested by the agency, or up to 16 total projects between the prime and sub-consultants. Of the 16 projects, list no more than ten on behalf of prime firm and no more than four for any one sub-consultant. 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.

**Note: Use the "Add a Page" button at the bottom to add additional Section F's. This will also add a Project Image page for each Section F. If the page has already been filled in, the text will copy over to the added page. Use the "Clear Page" button to clear the individual page.**

**If inserting outside PDF pages from a subcontractor or prior PDF submittal, print the pages to PDF to flatten the text fields prior to inserting or the text fields will interfere with each other and cause loss of content.**

*Section F(b). Project Images.*

20a. Corresponding Example Project Key. Use the corresponding key number for the Project Images page.

Up to 7 images are allowed (not required). Text boxes are provided below each image for a concise description.

*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. Certifications and Disclosures*

31. CDB Standard Business Terms and Conditions. Attach current a signed/dated CDB Standard Business Terms and Conditions. Mark the checkbox to indicate it has been attached.

32. Board of Elections Certificate. Attach a valid Board of Elections Certificate. Required whether submitting Forms A or Forms B.

33. Attach a current signed/dated Forms A if the firm does not have an Illinois Procurement Gateway registration.

34-34b. Attach a current signed/dated Forms B if firm has a current Illinois Procurement Gateway (IPG) registration. Enter the IPG number and expiration date.

*Section J. Authorized Representative.*

35. and 36. 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. Please save a copy of the form at this time. To apply the digital signature, Click the "SIGN" button to the left of the signature field in order to unlock the signature field. If you encounter an error, Click "No" to the next prompt to and review the document for unfilled required fields. If you do not encounter an error, review the text on the next prompt to verify you have attached the required documents. Click "Yes" to proceed unlocking the signature field. You may now click in the signature field to apply a digital

signature. Follow the prompts to apply and/or create a digital signature if you have not done so before.

37. Name and Title. Self-explanatory

*Submission*

Use either the "EMAIL <20MB" or "FILE TRANSFER >20MB" buttons at the bottom of the page. "EMAIL <20MB" will attach the 330 form to a draft email. Only use "EMAIL <20MB" when the file size is less than 20 megabytes. "FILE TRANSFER >20MB" will open the Illinois File Transfer utility webpage to allow you to send the 330 form. Check the box near the top that says "I acknowledge that I have read and understand this warning." Enter the recipient email as [cdb.qbs@illinois.gov](mailto:cdb.qbs@illinois.gov). Enter your email address as the sender. Enter the PSB number, Project number and project title into the subject.

**Note: Some users have encountered issues using the "EMAIL <20MB" when using Gmail as their email service. If this is the case, please manually draft the email to the email address indicated in the Professional Services Bulletin or use the File Transfer button.**

**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 Mech. Engineer	X	X	X	X						
Tara C. Donovan	Chief Elec. Engineer	X	X		X						

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	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

List of Experience Categories (Profile Codes)

Code		Description	Code		Description
Federal	E&AS		Federal	E&AS	
	<b>27</b>	<b>Acoustical/Sound System Engineer</b>		<b>10</b>	<b>Ground Water Geologist</b>
01		Acoustical Engineer		<b>38</b>	<b>Hazardous Materials Specialist</b>
02		Administrative		<b>39</b>	<b>Hazardous Materials Planner</b>
03		Aerial Photographer	31		Health Facility Planner
04		Aeronautical Engineer	32	<b>59</b>	<b>Hydraulic Engineer</b>
05	<b>13</b>	<b>Archeologist</b>	33		Hydrographic Surveyor
06	<b>01</b>	<b>Architect</b>		<b>15</b>	<b>Hydrologic Engineer</b>
07		Biologist	34		Hydrologist
	<b>44</b>	<b>Building Controls Consultant</b>	35		Industrial Engineer
	<b>43</b>	<b>Building Code/Code Plan Review Specialist</b>	36	<b>36</b>	<b>Industrial Hygienist</b>
	<b>47</b>	<b>CADD Drafting/Scanning/Photography</b>	37		Interior Designer
08		CADD Technician	38	<b>08</b>	<b>Land Surveyor</b>
09		Cartographer	39	<b>07</b>	<b>Landscape Architect</b>
10		Chemical Engineer	40		Materials Engineer
11		Chemist	41		Materials Handling Engineer
12	<b>02</b>	<b>Civil Engineer</b>	42	<b>04</b>	<b>Mechanical Engineer</b>
	<b>45</b>	<b>Commissioning Engineer</b>	43		Mining Engineer
13		Communications Engineer	44		Oceanographer
14		Computer Programmer	45		Photo Interpreter
	<b>46</b>	<b>Constructability Review Consultant</b>	46		Photogrammetrist
15		Construction Inspector	47	<b>34</b>	<b>Planner: Urban/Regional</b>
16	<b>21</b>	<b>Construction Project Management</b>		<b>16</b>	<b>Programming</b>
17		Corrosion Engineer Cost	48		Project Manager
	<b>30</b>	<b>Cost Estimator</b>	49		Remote Sensing Specialist
18		Cost Engineer/Estimator	50		Risk Assessor
19		Ecologist		<b>14</b>	<b>Roofing/Envelope Consultant</b>
20		Economist		<b>93</b>	<b>Safety Engineer</b>
21	<b>03</b>	<b>Electrical Engineer</b>	51		Safety/Occupational Health Engineer
22		Electronics Engineer	52	<b>41</b>	<b>Sanitary Engineer</b>
	<b>31</b>	<b>Elevator/Escalator Consultant</b>	53		Scheduler
	<b>33</b>	<b>Energy Management</b>	54	<b>94</b>	<b>Security Specialist</b>
	<b>25</b>	<b>Engineering Geologist</b>		<b>42</b>	<b>Signage Consultant</b>
23		Environmental Engineer		<b>09</b>	<b>Soil/Geo-Tech Engineer</b>
24		Environmental Scientist	55		Soils Engineer
	<b>37</b>	<b>Environmental Services</b>		<b>28</b>	<b>Solar Energy Consultant</b>
	<b>06</b>	<b>ESCO Consultant</b>		<b>17</b>	<b>Space Planning/Interior Design Services</b>
25	<b>11</b>	<b>Fire Protection Engineer</b>	56		Specifications Writer
26		Forensic Engineer	57	<b>05</b>	<b>Structural Engineer</b>
	<b>35</b>	<b>Forest Engineer</b>	58		Technician/Analyst
27		Foundation/Geotechnical Engineer		<b>19</b>	<b>Telecommunications Engineer/Designer</b>
28		Geodetic Surveyor		<b>18</b>	<b>Testing Laboratory</b>
29		Geographic Information System Specialist	59		Toxicologist
30		Geologist	60		Transportation Engineer
	<b>12</b>	<b>Geothermal Consultant</b>	61	<b>29</b>	<b>Value Engineer</b>
			62		Water Resources Engineer

**Bolded Codes** are used by the Division of Engineering and Architectural Services (E&AS) for the A/E Reference File and **must be used when submitting your statement of qualifications to the Division of Engineering and Architectural Services. Only E&AS codes will be accepted.**

### List of Experience Categories (Profile Codes)

Code		Description	Code		Description
Federal	E&AS		Federal	E&AS	
A01	<b>001</b>	<b>Acoustics/Sound System</b>	D01		Dams ( <i>Concrete; Arch</i> )
	<b>202</b>	<b>ADA Consulting</b>	D02		Dams ( <i>Earth; Rock</i> ); Dikes; Levees
A02		Aerial Photography; Airborne Data and Imagery Collection and Analysis		<b>015</b>	<b>Daycare Facilities</b>
			D03		Desalinization ( <i>Process &amp; Facilities</i> )
A03		Agricultural Development; Grain Storage; Farm Mechanization	D04		Design-Build -Preparation of Requests for Proposals
A04	<b>004</b>	<b>Air Pollution Control</b>	D05		Digital Elevation and Terrain Model Development
A05		Airports; Nav aids; Airport Lighting; Aircraft Fueling	D06		Digital Orthophotography
A06		Airports; Terminals and Hangars; Freight Handling		<b>027</b>	<b>Dinning halls/Kitchens/Food service</b>
	<b>094</b>	<b>Alarm &amp; Security Systems</b>	D07		Dining Halls; Clubs; Restaurants
			D08		Dredging Studies and Design
A07		Arctic Facilities			
	<b>003</b>	<b>Archeological Investigation</b>	E01	<b>028</b>	<b>Ecological Investigations</b>
A08		Animal Facilities	E02	<b>029</b>	<b>Educational Facilities; Classrooms</b>
A09		Anti-Terrorism/Force Protection	E03	<b>214</b>	<b>Electrical Studies and Design</b>
A10		Asbestos Abatement	E04		Electronics
A11	<b>008</b>	<b>Auditoriums &amp; Theaters</b>	E05	<b>031</b>	<b>Elevators; Escalators; People-Movers</b>
A12		Automation; Controls; Instrumentation	E06		Embassies and Chanceries
B01		Barracks; Dormitories		<b>207</b>	<b>Energy Audits</b>
			E07	<b>035</b>	<b>Energy Conservation; New Energy Sources</b>
	<b>033</b>	<b>Boilers</b>		<b>034</b>	<b>Energy Infrastructure</b>
	<b>102</b>	<b>Boundry/Plats/Topgraphic Surveys</b>		<b>032</b>	<b>Energy Management</b>
B02	<b>011</b>	<b>Bridges</b>	E08		Engineering Economics
	<b>212</b>	<b>Building Condition Assessment</b>		<b>217</b>	<b>Envelope Waterproofing (Above Ground)</b>
				<b>218</b>	<b>Envelope Waterproofing (Below Ground)</b>
C01		Cartography	E09	<b>208</b>	<b>Environmental Audits</b>
C02		Cemeteries ( <i>Planning &amp; Relocation</i> )		<b>220</b>	<b>Environmental Impact Studies,</b>
C03		Charting; Nautical and Aeronautical			<b>Assessments or Statements</b>
C04		Chemical Processing & Storage	E10		Environmental and Natural Resource Mapping
C05		Child Care/Development Facilities	E11		Environmental Planning
C06		Churches; Chapels	E12		Environmental Remediation
C07		Coastal Engineering	E13		Environmental Testing and Analysis
C08		Codes; Standards; Ordinances		<b>012</b>	<b>Emergency Services/Training Facilities</b>
C09		Cold Storage; Refrigeration and Fast Freeze		<b>203</b>	<b>ESCO Projects</b>
	<b>227</b>	<b>Combustion Engineering</b>			
C10	<b>017</b>	<b>Commercial Building (low rise); Shopping Centers</b>		<b>209</b>	<b>Facilities Management</b>
			F01		Fallout Shelters; Blast-Resistant Design
C11		Community Facilities	F02		Field Houses; Gyms; Stadiums
	<b>018</b>	<b>Communication – Voice data, Audio/Video</b>		<b>024</b>	<b>Fire Alarms</b>
	<b>108</b>	<b>Communication Towers</b>	F03		Fire Protection
C12		Communications Systems; TV; Microwave	F04	<b>037</b>	<b>Fisheries; Fish ladders</b>
C13	<b>019</b>	<b>Computer Facilities; Computer Service</b>	F05		Forensic Engineering
C14	<b>020</b>	<b>Conservation and Resource Management</b>	F06		Forestry & Forest products
C15		Construction Management			
C16		Construction Surveying	G01	<b>039</b>	<b>Garages; Vehicle Maintenance Facilities; Parking Decks</b>
	<b>113</b>	<b>Construction Testing &amp; Inspection</b>			
C17		Corrosion Control; Cathodic Protection Electrolysis	G02		Gas Systems (Propane; Natural, Etc.)
C18		Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	G03	<b>103</b>	<b>Geodetic Surveying: Ground &amp; Air borne</b>
			G04		Geographic Information System Services: Development, Analysis, and Data Collection
C19		Cryogenic Facilities			

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**List of Experience Categories (Profile Codes)**

Code		Description	Code		Description
Federal	E&AS		Federal	E&AS	
G05		Geospatial Data Conversion: Scanning, Digitizing, Compilation, Attributing, Scribing, Drafting	M01		Mapping Location/Addressing Systems
				<b>079</b>	<b>Master/Site Planning</b>
G06		Graphic Design	M02		Materials Handling Systems; Conveyors; Sorters
	<b>040</b>	<b>Groundwater heat pump systems</b>	M03		Metallurgy
	<b>030</b>	<b>Gyms, Stadiums, Field Houses</b>	M04		Microclimatology; Tropical Engineering
			M05		Military Design Standards
			M06		Mining & Mineralogy
H01		Harbors; Jetties; Piers, Ship Terminal Facilities	M07		Missile Facilities (Silos; Fuels; Transport)
	<b>210</b>	<b>Hazardous Materials, Asbestos</b>		<b>069</b>	<b>Modular/Pre-Fab Design, Temporary Structures</b>
H02		Hazardous Materials Handling and Storage	M08		Modular Systems Design; Pre-Fabricated
H03		Hazardous, Toxic, Radioactive Waste Remediation		<b>215</b>	<b>Mold and Fungus Inspection, Testing, and Abatement</b>
H04	<b>043</b>	<b>Heating; Ventilating; Air Conditioning</b>			
H05		Health Systems Planning	N01		Naval Architecture; Off-Shore Platforms
H06		Highrise; Air-Rights-Type Buildings	N02		Navigation Structures; Locks
H07		Highways; Streets; Airfield Paving Parking Lots		<b>005</b>	<b>Noise Pollution Control/Studies</b>
H08	<b>047</b>	<b>Historical Preservation</b>	N03		Nuclear Facilities; Nuclear Shielding
H09	<b>048</b>	<b>Hospital &amp; Medical Facilities</b>			
H10		Hotels; Motels	O01	<b>072</b>	<b>Office Buildings</b>
H11	<b>050</b>	<b>Housing/Group Homes</b>	O02		Oceanographic Engineering
H12		Hydraulics & Pneumatics	O03		Ordnance; Munitions; Special Weapons
H13		Hydrographic Surveying			
				<b>046</b>	<b>Parking Lots, Streets</b>
	<b>213</b>	<b>Indoor Air Quality</b>		<b>216</b>	<b>PCB Mitigation, Inspection, Testing and Abatement</b>
I01		Industrial Buildings; Manufacturing Plants			
I02		Industrial Processes; Quality Control	P01		Petroleum Exploration; Refining
I03		Industrial Waste Treatment	P02		Petroleum and Fuel (Storage and Distribution)
I04		Intelligent Transportation Systems	P03		Photogrammetry
I05		Interior Design; Space Planning	P04		Pipelines (Cross-Country - Liquid & Gas)
I06		Irrigation; Drainage	P05	<b>078</b>	<b>Planning (Community, Regional, Areawide and State)</b>
J01		Judicial and Courtroom Facilities	P06		Planning (Site, Installation, and Project)
			P07		Plumbing & Piping Design
L01	<b>058</b>	<b>Laboratories; Medical Research Facilities</b>	P08	<b>084</b>	<b>Prisons &amp; Correctional Facilities</b>
L02		Land Surveying	P09		Product, Machine Equipment Design
L03		Landscape Architecture	P10		Pneumatic Structures, Air-Support Buildings
	<b>211</b>	<b>Lead-based paint</b>	P11		Postal Facilities
	<b>204</b>	<b>LEED/LEED EB</b>	P12		Power Generation, Transmission, Distribution
L04	<b>060</b>	<b>Libraries</b>	P13		Public Safety Facilities
	<b>061</b>	<b>Lighting-Interior &amp; Exterior</b>			
L05		Lighting (Interior; Display; Theater, Etc.)	R01		Radar; Sonar; Radio & Radar Telescopes
L06		Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)	R02		Radio Frequency Systems & Shieldings
			R03		Railroad; Rapid Transit
	<b>206</b>	<b>Load Studies</b>	R04		Recreation Facilities (Parks, Marinas, Etc.)
	<b>049</b>	<b>Log Home Restoration</b>		<b>088</b>	<b>Recreation Specialist</b>

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**List of Experience Categories (Profile Codes)**

Code		Description	Code		Description
Federal	E&AS		Federal	E&AS	
R05		Refrigeration Plants/Systems	V01	<b>112</b>	<b>Value Analysis; Life-Cycle Costing</b>
R06	<b>089</b>	<b>Rehabilitation (Buildings; Structures; Facilities)</b>	W01		Warehouses & Depots
R07		Remote Sensing		<b>106</b>	<b>Wastewater Treatment Design &amp; Management</b>
R08		Research Facilities	W02		Water Resources; Hydrology; Ground Water
R09		Resources Recovery; Recycling	W03		Water Supply; Treatment and Distribution
R10		Risk Analysis		<b>107</b>	<b>Watershed Management</b>
R11	<b>092</b>	<b>Rivers; Canals; Waterways; Flood Control</b>	W04		Wind Tunnels; Research/Testing Facilities
R12		Roofing			Design
	<b>201</b>	<b>Roofing, design and inspection</b>			
			Z01	<b>117</b>	<b>Zoning; Land Use Studies</b>
S01		Safety Engineering; Accident Studies; OSHA Studies			
S02		Security Systems; Intruder & Smoke Detection			
	<b>096</b>	<b>Security Systems Integration</b>			
S03	<b>095</b>	<b>Seismic Designs &amp; Studies</b>			
S04		Sewage Collection, Treatment and Disposal			
S05		Soils & Geologic Studies; Foundations			
S07		Solid Wastes; Incineration; Landfill			
S08		Special Environments; Clean Rooms, Etc.			
	<b>097</b>	<b>Septic/Sewer Design</b>			
	<b>025</b>	<b>Sprinkler Systems</b>			
S13	<b>104</b>	<b>Storm Water Handling &amp; Facilities</b>			
	<b>105</b>	<b>Storm Water Management</b>			
S09	<b>101</b>	<b>Structural Design; Special Structures, Steel Structures</b>			
S10		Surveying; Platting; Mapping; Flood Plain Studies			
S11	<b>100</b>	<b>Sustainable Design</b>			
S12	<b>087</b>	<b>Swimming Pools</b>			
T01		Telephone Systems ( <i>Rural; Mobile; Intercom, Etc.</i> )			
T02		Testing & Inspection Services			
T03		Traffic & Transportation Engineering			
T04		Topographic Surveying and Mapping			
T05		Towers ( <i>Self-Supporting &amp; Guyed Systems</i> )			
T06		Tunnels & Subways			
U01		Unexploded Ordnance Remediation			
U02		Urban Renewals; Community Development			
U03		Utilities (Gas and Steam)			
	<b>111</b>	<b>Underground Utilities/Subsurface Investigation</b>			

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