



**Bureau of General Services**  
*Professional Services Pre-qualification List*

**Firm Profile Sheet**

**Childs Engineering**  
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PRE-QUALIFIED FOR Civil engineering  
Structural engineering

STATEMENT BY FIRM Childs Engineering Corporation, since its founding in 1970, has dedicated itself to providing engineering services in the specialized field of marine structures. This dedication has created a firm that has extensive expertise and experience in structural engineering along the waterfront. Childs provides engineering services for tasks such as planning, permitting, design of repairs, design of new marine structures, underwater inspection, and hydrographic surveys. Childs has inspected, designed repairs to and designed new piers for private and public clients throughout Maine and New England. Childs has designed new structures or repairs to existing structures on more than 1000 individual facilities. This work has encompassed tasks such as structural design, soil sampling, geotechnical analysis, both topographic and hydrographic surveys, permitting, and preparation of plans and specifications. For private and public clients, Childs Engineering can and does provide a full line of services including the initial inspection, assessment of conditions, design of repairs, design of new structures, and construction phase engineering services. To enhance the capabilities of the firm, all the engineers at Childs are qualified divers and perform underwater inspections to determine existing conditions, or for a new construction project, to observe underwater components of new construction. This gives our engineering staff hands on knowledge and approach to every project that we undertake. To accomplish our underwater inspections, Childs maintains a full inventory of diving equipment including both SCUBA and surface supplied air, instrumentation for evaluating and recording underwater conditions including potentiometers, ultrasonic thickness measurement devices, digital underwater cameras, and video cameras. We are a member of the Association of Diving Contractors International (ADCI) and perform our diving operations in accordance with the ADCI Consensus Standards as well as all OSHA, USACE, Navy or USCG regulations as applicable. Childs has established quality control and quality assurance procedures for all projects. The written quality control and quality assurance programs are strictly adhered to. In addition, our Safe Diving Practices Manual is used as a guideline for all diving operations. Childs' experience with waterfront structures such as piers, both large and small, is extensive. We have inspected existing structures, designed new structures, and designed repairs for existing structures.