

FY24 PROFESSIONAL SERVICES REQUIREMENTS

Architectural	Engineering (Design & Construction Management Services)	Environmental Engineering / Environmental Services & Environmental Conservation (Natural Resource Mgmt & Biological Sciences, and General Physical Sciences)	Other				
1 - Architecture	3 - Engineering	4 - Environmental Engineering	5 - Land Surveying	6- Community Planning	7 - Other Architecture/General Engineering Services	8 - Geographic Information System (GIS) Services	9 - Realty
1.a. Historical Architecture Services	3.a. Fire Protection Engineering	4.a. Air quality monitoring studies including sampling, testing, and modeling		a. RPLANS - requirements analysis and database edit	a. Project Management	a. RTK/survey-grade GPS/GNSS mapping	a. Real estate action – acquisition & disposal of land and facilities, process McKinney Act for disposal, leases, easement, licenses, and permits.
1.a.1. Historic American Building Surveys (HABS)	3.b - Civil Engineering	4.b. Environmental Planning and Due Diligence – Environmental Condition of Property (ECOP)/Phase I & II Environmental Site Assessment (ESA), and other Environmental and Construction Investigations, and National Environmental Policy Act (NEPA) and Hawaii Environmental Policy Act (HEPA) (HRS 343) Environmental Impact Documentation		b. Installation Development Plan/Master Plan	b. Construction Management	b. Underground utility mapping – near-surface geophysics	
1.a.2. Historic American Engineering Record (HAER)	3.c. Mechanical Engineering	4.c. Hazardous Materials/Substances Investigation, Testing and Abatement (e.g., asbestos, Polychlorinated biphenyls (PCBs), mold, heavy metals), and contaminated media (groundwater, soil, and sediment) investigation, characterization, and mitigation, etc.; Facility Closure and Installation Restoration (e.g., Environmental Hazard Evaluation (EHE); Environmental Hazard Mitigation Plan (EHMP); Comprehensive Environmental Responses, Compensation & Liability Act (CERCLA) investigation, surveys, documents, etc.		c. Real Property Development Plan	c. Leadership in Energy and Environmental Design (LEED) Consultant	c. Building interior space utilization mapping	
1.a.3. National Register of Historic Places (NRHP) Eligibility Evaluations	3.d. Electrical Engineering	4.d. Spill Prevention, Control, and Countermeasures (SPCC) Plans (P.E. License required)		d. Site Development Plan – roadways, site utilities, drainage, and buildings	d. Energy Audits, Commissioning & Retro-Cx Services	d. BIM/CAD and 3D visualization and application to asset management	
1.b. Building Renovation	3.e. Structural Engineering	4.e. Cultural Resources – Archaeological Services (e.g. surveys, monitoring, plan preparation, and Section 106 and HRS 6E compliance)		e. MILCON/UMMC/UFR – 1390/91 conceptualization and support services	e. Geotechnical Engineering and Geological services	e. Operations dashboard and map books for planning and facility management	
2 - Landscape Architecture		4.f. Natural Resources – Planning Level Surveys and wetland delineation		f. Building Life Cycle Cost (BLCC) analysis and Facility life-cycle planning	f. Building Envelope Consultant	f. Enterprise GIS and data library system	
2.a. Historic American Landscape Survey (HALS)		4.g. Environmental Compliance and Management Services, (e.g. permit compliance, environmental compliance management plan preparation, inspections, audits, etc.)		g. Information System Cost Estimate (ISCE) analysis	g. Records/archives for as-built drawings and warranties	g. High-resolution remote sensing data acquisition, processing, and analysis	
		4.h. Water quality – storm water & groundwater monitoring studies including sampling, testing, and modeling for National Pollutant Discharge Elimination System (NPDES) permit and Underground Injection Control well (UIC) permit compliance		h. Economic Impact analysis for project planning		h. Land-use, land cover classification and vegetation analysis	
		4.i. Solid & hazardous waste management plans and studies		i. Planning & Programming Design Charrettes		i. Integrating databases and software applications with GIS and creating maps and apps.	
				j. BUILDERS assessment and database management-overall building assessment (multi-discipline).			