



**Pricing of Labor Under 03FAC Facility  
Maintenance & Management Services**

Effective  
8/27/16

Effective  
8/27/17

Effective  
8/27/18

Effective  
8/27/19

SIN	Reference Number	Labor Category	Description	Exempt/ non- exempt	Proposed Renewal Year 2 GSA Ceiling Rate (per Hour) with IFF	Proposed Renewal Year 3 GSA Ceiling Rate (per Hour) with IFF	Proposed Renewal Year 4 GSA Ceiling Rate (per Hour) with IFF	Proposed Renewal Year 5 GSA Ceiling Rate (per Hour) with IFF
811-03	Vice President	FM/Building Program Manager	<p><u>Functional Description:</u> Provides oversight, strategic direction and management over all aspects of a business area. Directs and manages internal/external communications and all functional program activities to meet contract cost, requirements, specifications, schedules and performance objectives. Makes final decisions on administrative and operational matters affecting more than one segment or functional activity of the facility program.</p> <p><u>Minimum Experience:</u> Typically requires 10 years of related experience.</p> <p><u>Minimum Education:</u> Bachelor's degree in civil, electrical, mechanical, industrial or facilities management or other related field with a Masters degree in business or related preferred or equivalent related experience.</p>	Exempt	\$101.65	\$105.21	\$108.89	\$112.70
811-03	Senior Project Manager	Senior Project Manager	<p><u>Functional Description:</u> Provides planning, direction, coordination and oversight functions of a maintenance, repair or construction project to ensure contract performance requirements and objectives are accomplished. Directs activities of personnel and/or subcontractors at a facility and is responsible for budget, schedule, quality and performance standards. Issues work orders, subcontractor agreements, and controls expenditures. May direct other project managers.</p> <p><u>Minimum Experience:</u> Typically requires 8 years of experience.</p> <p><u>Minimum Education:</u> Bachelor's degree or equivalent related experience in civil, electrical, mechanical, industrial or facilities management or other related field.</p>	Exempt	\$71.49	\$74.00	\$76.59	\$79.27
811-03	Project Manager	Project Manager	<p><u>Functional Description:</u> Provides routine planning, direction, coordination and oversight functions of a maintenance, repair or construction project to ensure contract performance requirements and objectives are accomplished. Directs activities of personnel and/or subcontractors at a facility and is responsible for budget, schedule, quality and performance standards. Issues work orders, subcontractor agreements, and controls expenditures.</p> <p><u>Minimum Experience:</u> Typically requires 4 years of experience.</p> <p><u>Minimum Education:</u> Bachelor's degree or equivalent related experience in civil, electrical, mechanical, industrial or facilities management or other related field.</p>	Exempt	\$63.67	\$65.90	\$68.21	\$70.60

811-03	<b>Facilities Manager Level II</b>	Facilities Manager Level II	<p><u>Functional Description:</u> Provides management and technical direction to accomplish operation, maintenance, repair, and service support for facility complexes, buildings, systems, and equipment. Provides oversight, strategic and operational direction, budget, technical support and directs staff performing engineering, operation and maintenance of buildings, systems and subsystems.</p> <p><u>Minimum Experience:</u> Typically requires 8 years of experience.</p> <p><u>Minimum Education:</u> Bachelor's degree or equivalent related experience in civil, electrical, mechanical, industrial or facilities management or other related field.</p>	Exempt	<b>\$77.07</b>	<b>\$79.77</b>	<b>\$82.56</b>	<b>\$85.45</b>
811-03	<b>Facilities Manager Level I</b>	Facilities Manager Level I	<p><u>Functional Description:</u> Provides management and technical direction to accomplish operation, maintenance, repair and service support for a facility, building, systems, and equipment. Provides oversight, strategic and operational direction, budget, technical support and directs staff performing engineering, operation and maintenance of buildings, systems and subsystems.</p> <p><u>Minimum Experience:</u> Typically requires 3 years of experience.</p> <p><u>Minimum Education:</u> Bachelor's degree or equivalent related experience in civil, electrical, mechanical, industrial or facilities management or other related field.</p>	Exempt	<b>\$63.67</b>	<b>\$65.90</b>	<b>\$68.21</b>	<b>\$70.60</b>
811-002 / 811-03	<b>Facilities Operations Supervisor</b>	Facilities Operations Supervisor	<p><u>Functional Description:</u> Provides technical support for staff performing facility and infrastructure operation, maintenance, repair, and small projects alterations and installations. Support also includes small project development, design, bidding, schedule, and execution. May also manage and direct personnel in the operation, maintenance and repair of facilities, systems and equipment, including: structural, heating, ventilation and air conditioning (HVAC) systems, boiler systems, generator systems, mechanical and electrical systems.</p> <p><u>Minimum Experience:</u> Typically requires 10 years of related experience. Strong proficiency in 1-2 building functions. Licensed or certified in an area.</p> <p><u>Minimum Education:</u> Associates degree (ASCE, ASEE, ASET, ASME or other related field) or equivalent in civil, mechanical, electrical, industrial or facilities management engineering.</p>	Exempt	<b>\$72.61</b>	<b>\$75.15</b>	<b>\$77.78</b>	<b>\$80.50</b>



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SIN	Reference Number	Description	Exempt/ non- exempt	Proposed Renewal Year 2 Ceiling Rate (per Hour) with IFF effective 8/27/16			
				West	Central	Northeast	Southeast
811-002 & 811-003	<b>Chief Building Engineer</b>	<p><u>Functional Description:</u> Directs, operates, maintains and repairs one or more engineering systems providing the building services required for an operation to function, such as: Mechanical systems, Heating and Air Conditioning Refrigeration, Electrical systems, Emergency Power Generation, Uninterrupted Power Supply (UPS) systems, Fuel Distribution systems, Water Treatment, Boiler Heating and Plumbing systems. Understands and performs diagnostics on building systems to ensure proper operations and efficiency. Directs and performs maintenance on system's and their components.</p> <p><u>Minimum Experience:</u> Typically requires 8 years of related experience. Possess a strong proficiency in at least two system, and building controls. Licensed or certified in one area.</p> <p><u>Minimum Education:</u> High School Diploma with 2 years advanced technical or related training.</p>	Non-exempt	\$95.49	\$116.17	\$105.53	\$81.65
811-002	<b>Building Engineer</b>	<p><u>Functional Description:</u> Operates, maintains and repairs one or more engineering systems providing the building services required for an operation to function, such as: Mechanical systems, Heating and Air Conditioning Refrigeration, Electrical systems, Emergency Power Generation, Uninterrupted Power Supply (UPS) systems, Fuel Distribution systems, Water Treatment, Boiler Heating and Plumbing systems. Observes system's gauges, meters, displays for proper operations and adjust as required. Performs preventive and corrective maintenance on system's and their components.</p> <p><u>Minimum Experience:</u> Typically requires 4 years of related experience. Possess a strong proficiency in at least one system, and building controls.</p> <p><u>Minimum Education:</u> High School Diploma with 6 months to 1 year advanced technical or related training.</p>	Non-exempt	\$87.71	\$106.71	\$96.93	\$75.00
811-002 & 811-005	<b>HVAC Site Maintenance Technician Level II</b>	<p><u>Functional Description:</u> Directs and performs minor installation, operation, maintenance, and repair of heating ventilation air conditioning equipment and systems. This may include, but is not limited to packaged HVAC units, split-systems, CRUs, VAVs, air handling units, pumps, exchangers, and fans; calibration of electrical and pneumatic controls; and mechanical activities. May perform a variety of mechanical functions associated with minor repair of machines and mechanical equipment.</p> <p><u>Minimum Experience:</u> Typically requires 5 years of related experience. EPA certification required.</p> <p><u>Minimum Education:</u> High School diploma and advanced technical training, certification or equivalent related experience required.</p>	Non-exempt	\$97.21	\$92.05	\$92.45	\$76.08

811-002 & 811-005	<b>HVAC Site Maintenance Technician Level I</b>	<p><u>Functional Description:</u> Performs with direction: installation, operation, maintenance, and repair of heating ventilation air conditioning equipment and systems. This may include, but is not limited to packaged HVAC units, split-systems, VAVs, air handling units, pumps, exchangers, and fans; and mechanical activities. Changes filters and performs routine HVAC maintenance and service.</p> <p><u>Minimum Experience:</u> Typically requires 2 years of related experience. EPA certification required.</p> <p><u>Minimum Education:</u> High School diploma.</p> <p>See Note 1 below on hourly rates.</p>	Non-exempt	\$76.48	\$72.43	\$72.74	\$59.86
811-002	<b>Maintenance Electrician Level III</b>	<p><u>Functional Description:</u> Directs, processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows and ensures others follow blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs complex diagnostics, repair and replacement of electrical components and devices. Ensures compliance with codes, NEC and trains others on work standards.</p> <p><u>Minimum Experience:</u> Typically requires 8 years of experience involving electrical systems and equipment and general experience with overall operations, maintenance and repair of facilities. Holds a Masters Electrical License.</p> <p><u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Masters Electrical license.</p>	Non-exempt	\$107.57	\$117.15	\$128.11	\$77.87
811-002	<b>Maintenance Electrician Level II</b>	<p><u>Functional Description:</u> Directs, processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs complex diagnostics, repair and replacement of electrical components and devices. <u>Minimum Experience:</u> Typically requires 5 years of experience involving electrical systems and equipment and general experience with overall operations, maintenance and repair of facilities. Holds a Journeyman's Electrical License. <u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Electrical license.</p>	Non-exempt	\$89.80	\$97.80	\$106.94	\$65.01
811-002	<b>Maintenance Electrician Level I</b>	<p><u>Functional Description:</u> Processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs routine diagnostics, repair and replacement of electrical components and devices.</p> <p><u>Minimum Experience:</u> Typically requires 2 years of experience involving electrical systems and equipment and general O&amp;M experience with other building systems.</p> <p><u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Electrical license.</p> <p>See Note 1 below on hourly rates.</p>	Non-exempt	\$81.64	\$88.91	\$97.22	\$59.10

811-002	<b>Maintenance Technician Level II</b>	<p><u>Functional Description:</u> Performs installations, operation, maintenance and repairs to building equipment, systems, and infrastructure with minimum supervision. Executes customer work requests and trouble calls supporting the built environment.</p> <p><u>Minimum Experience:</u> Typically requires 5 years of experience involving operation, maintenance and repair of building. Strong proficiency in one of the following building systems area: electrical, HVAC or plumbing systems. <u>Minimum Education:</u> High School Diploma. May have associate degree or advance technical training or equivalent related experience. See Note 1 below on hourly rates.</p>	Non-exempt	\$86.25	\$93.12	\$96.76	\$70.29
811-002	<b>Maintenance Technician Level I</b>	<p><u>Functional Description:</u> Performs operation, maintenance and minor repairs to building equipment, systems, and infrastructure with supervision. Executes customer work requests and trouble calls supporting the built environment.</p> <p><u>Minimum Experience:</u> Typically requires 2 years of experience involving operation and maintenance of buildings or in a related area.</p> <p><u>Minimum Education:</u> High School Diploma.</p>	Non-exempt	\$69.06	\$74.55	\$77.48	\$56.28
811-002	<b>Maintenance Carpenter</b>	<p><u>Functional Description:</u> Performs installations, maintenance and repairs to building architectural and structural systems, building components to include but not limited to: ceilings, walls, doors, hardware, floor coverings. Executes customer work requests, moves furniture, does routine maintenance of other building systems, space modifications and trouble calls supporting the built environment.</p>	Non-exempt	\$68.85	\$83.31	\$75.54	\$50.42
811-002	<b>Maintenance Trades Helper</b>	<p><u>Functional Description:</u> Performs general labor, cleaning and service requests supporting operation and maintenance of facilities with supervision. Helps maintenance personnel with following but not limited to: preventive &amp; corrective maintenance helper, lifting, stocking of supplies, cleanup, and moving materials and tools.</p> <p><u>Minimum Experience:</u> Typically requires 1 year related experience involving building trades or operation and service to buildings and facilities or equivalent.</p> <p><u>Minimum Education:</u> High School Diploma or GED.</p>	Non-exempt	\$57.66	\$46.34	\$48.52	\$35.98
811-002 & 811-003	<b>Maintenance Scheduler</b>	<p><u>Functional Description:</u> Performs general administrative, scheduling, and coordinating personnel and material to support operation and maintenance activities at a specific facility or site. Inputs work requests into a work management system, documents resources expended, provides reports, and assists with tracking performance.</p> <p><u>Minimum Experience:</u> Typically 3 years experience involving operation, maintenance, repair and service to buildings and facilities.</p> <p><u>Minimum Education:</u> High School Diploma</p>	Non-exempt	\$54.93	\$57.66	\$66.51	\$50.34
811-002 & 811-003	<b>Drafter / Planner</b>	<p><u>Functional Description:</u> Performs routine planning, coordination, layout and drafting of work to be performed by personnel or subcontractors performing maintenance repair, and construction. Prepares routine day-to-day drawings, and work requirements for operations personnel and maintains drawing files.</p> <p><u>Minimum Experience:</u> Typically 5 years experience involving operation, maintenance and service to buildings and facilities. Proficient with computer aided drafting application and knowledge of industry drawing standards.</p> <p><u>Minimum Education:</u> High School Diploma and drafting certification or equivalent related experience.</p>	Non-exempt	\$67.75	\$55.71	\$60.99	\$62.41



**Pricing of Labor Under 03FAC Facility  
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SIN	Reference Number	Description	Exempt/ non- exempt	Proposed Renewal Year 3 Ceiling Rate (per Hour) with IFF effective 8/27/17			
				West	Central	North east	South east
811-002 & 811-003	<b>Chief Building Engineer</b>	<p><u>Functional Description:</u> Directs, operates, maintains and repairs one or more engineering systems providing the building services required for an operation to function, such as: Mechanical systems, Heating and Air Conditioning Refrigeration, Electrical systems, Emergency Power Generation, Uninterrupted Power Supply (UPS) systems, Fuel Distribution systems, Water Treatment, Boiler Heating and Plumbing systems. Understands and performs diagnostics on building systems to ensure proper operations and efficiency. Directs and performs maintenance on system's and their components.</p> <p><u>Minimum Experience:</u> Typically requires 8 years of related experience. Possess a strong proficiency in at least two system, and building controls. Licensed or certified in one area.</p> <p><u>Minimum Education:</u> High School Diploma with 2 years advanced technical or related training.</p>	Non-exempt	\$98.83	\$120.24	\$109.22	\$84.51
811-002	<b>Building Engineer</b>	<p><u>Functional Description:</u> Operates, maintains and repairs one or more engineering systems providing the building services required for an operation to function, such as: Mechanical systems, Heating and Air Conditioning Refrigeration, Electrical systems, Emergency Power Generation, Uninterrupted Power Supply (UPS) systems, Fuel Distribution systems, Water Treatment, Boiler Heating and Plumbing systems. Observes system's gauges, meters, displays for proper operations and adjust as required. Performs preventive and corrective maintenance on system's and their components.</p> <p><u>Minimum Experience:</u> Typically requires 4 years of related experience. Possess a strong proficiency in at least one system, and building controls.</p> <p><u>Minimum Education:</u> High School Diploma with 6 months to 1 year advanced technical or related training.</p>	Non-exempt	\$90.78	\$110.44	\$100.33	\$77.62
811-002 & 811-005	<b>HVAC Site Maintenance Technician Level II</b>	<p><u>Functional Description:</u> Directs and performs minor installation, operation, maintenance, and repair of heating ventilation air conditioning equipment and systems. This may include, but is not limited to packaged HVAC units, split-systems, CRUs, VAVs, air handling units, pumps, exchangers, and fans; calibration of electrical and pneumatic controls; and mechanical activities. May perform a variety of mechanical functions associated with minor repair of machines and mechanical equipment.</p> <p><u>Minimum Experience:</u> Typically requires 5 years of related experience. EPA certification required.</p> <p><u>Minimum Education:</u> High School diploma and advanced technical training, certification or equivalent related experience required.</p>	Non-exempt	\$100.61	\$95.27	\$95.69	\$78.74
811-002 & 811-005	<b>HVAC Site Maintenance Technician Level I</b>	<p><u>Functional Description:</u> Performs with direction: installation, operation, maintenance, and repair of heating ventilation air conditioning equipment and systems. This may include, but is not limited to packaged HVAC units, split-systems, VAVs, air handling units, pumps, exchangers, and fans; and mechanical activities. Changes filters and performs routine HVAC maintenance and service.</p> <p><u>Minimum Experience:</u> Typically requires 2 years of related experience. EPA certification required.</p> <p><u>Minimum Education:</u> High School diploma.</p>	Non-exempt	\$79.16	\$74.96	\$75.29	\$61.95
See Note 1 below on hourly rates.							

811-002	<b>Maintenance Electrician Level III</b>	<p><u>Functional Description:</u> Directs, processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows and ensures others follow blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs complex diagnostics, repair and replacement of electrical components and devices. Ensures compliance with codes, NEC and trains others on work standards.</p> <p><u>Minimum Experience:</u> Typically requires 8 years of experience involving electrical systems and equipment and general experience with overall operations, maintenance and repair of facilities. Holds a Masters Electrical License.</p> <p><u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Masters Electrical license.</p>	Non-exempt	\$111.33	\$121.25	\$132.59	\$80.59
811-002	<b>Maintenance Electrician Level II</b>	<p><u>Functional Description:</u> Directs, processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs complex diagnostics, repair and replacement of electrical components and devices.</p> <p><u>Minimum Experience:</u> Typically requires 5 years of experience involving electrical systems and equipment and general experience with overall operations, maintenance and repair of facilities. Holds a Journeyman's Electrical License.</p> <p><u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Electrical license.</p>	Non-exempt	\$92.94	\$101.22	\$110.69	\$67.28
811-002	<b>Maintenance Electrician Level I</b>	<p><u>Functional Description:</u> Processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs routine diagnostics, repair and replacement of electrical components and devices.</p> <p><u>Minimum Experience:</u> Typically requires 2 years of experience involving electrical systems and equipment and general O&amp;M experience with other building systems.</p> <p><u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Electrical license.</p> <p>See Note 1 below on hourly rates.</p>	Non-exempt	\$84.49	\$92.02	\$100.63	\$61.17
811-002	<b>Maintenance Technician Level II</b>	<p><u>Functional Description:</u> Performs installations, operation, maintenance and repairs to building equipment, systems, and infrastructure with minimum supervision. Executes customer work requests and trouble calls supporting the built environment. <u>Minimum Experience:</u> Typically requires 5 years of experience involving operation, maintenance and repair of building. Strong proficiency in one of the following building systems area: electrical, HVAC or plumbing systems. <u>Minimum Education:</u> High School Diploma. May have associate degree or advance technical training or equivalent related experience. See Note 1 below on hourly rates.</p>	Non-exempt	\$89.27	\$96.38	\$100.15	\$72.75
811-002	<b>Maintenance Technician Level I</b>	<p><u>Functional Description:</u> Performs operation, maintenance and minor repairs to building equipment, systems, and infrastructure with supervision. Executes customer work requests and trouble calls supporting the built environment.</p> <p><u>Minimum Experience:</u> Typically requires 2 years of experience involving operation and maintenance of buildings or in a related area.</p> <p><u>Minimum Education:</u> High School Diploma.</p>	Non-exempt	\$71.48	\$77.16	\$80.19	\$58.25

811-002	<b>Maintenance Carpenter</b>	<p><u>Functional Description:</u> Performs installations, maintenance and repairs to building architectural and structural systems, building components to include but not limited to: ceilings, walls, doors, hardware, floor coverings. Executes customer work requests, moves furniture, does routine maintenance of other building systems, space modifications and trouble calls supporting the built environment.</p>	Non-exempt	\$71.26	\$86.23	\$78.19	\$52.18
811-002	<b>Maintenance Trades Helper</b>	<p><u>Functional Description:</u> Performs general labor, cleaning and service requests supporting operation and maintenance of facilities with supervision. Helps maintenance personnel with following but not limited to: preventive &amp; corrective maintenance helper, lifting, stocking of supplies, cleanup, and moving materials and tools.</p> <p><u>Minimum Experience:</u> Typically requires 1 year related experience involving building trades or operation and service to buildings and facilities or equivalent.</p> <p><u>Minimum Education:</u> High School Diploma or GED.</p>	Non-exempt	\$59.67	\$47.96	\$50.22	\$37.24
811-002 & 811-003	<b>Maintenance Scheduler</b>	<p><u>Functional Description:</u> Performs general administrative, scheduling, and coordinating personnel and material to support operation and maintenance activities at a specific facility or site. Inputs work requests into a work management system, documents resources expended, provides reports, and assists with tracking performance.</p> <p><u>Minimum Experience:</u> Typically 3 years experience involving operation, maintenance, repair and service to buildings and facilities.</p> <p><u>Minimum Education:</u> High School Diploma</p>	Non-exempt	\$56.85	\$59.68	\$68.84	\$52.10
811-002 & 811-003	<b>Drafter / Planner</b>	<p><u>Functional Description:</u> Performs routine planning, coordination, layout and drafting of work to be performed by personnel or subcontractors performing maintenance repair, and construction. Prepares routine day-to-day drawings, and work requirements for operations personnel and maintains drawing files.</p> <p><u>Minimum Experience:</u> Typically 5 years experience involving operation, maintenance and service to buildings and facilities. Proficient with computer aided drafting application and knowledge of industry drawing standards.</p> <p><u>Minimum Education:</u> High School Diploma and drafting certification or equivalent related experience.</p>	Non-exempt	\$70.12	\$57.66	\$63.12	\$64.59





**Pricing of Labor Under 03FAC Facility  
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SIN	Reference Number	Description	Exempt/ non- exempt	Proposed Renewal Year 4 Ceiling Rate (per Hour) with IFF effective 8/27/18			
				West	Central	North east	South east
811-002 & 811-003	<b>Chief Building Engineer</b>	<p><u>Functional Description:</u> Directs, operates, maintains and repairs one or more engineering systems providing the building services required for an operation to function, such as: Mechanical systems, Heating and Air Conditioning Refrigeration, Electrical systems, Emergency Power Generation, Uninterrupted Power Supply (UPS) systems, Fuel Distribution systems, Water Treatment, Boiler Heating and Plumbing systems. Understands and performs diagnostics on building systems to ensure proper operations and efficiency. Directs and performs maintenance on system's and their components.</p> <p><u>Minimum Experience:</u> Typically requires 8 years of related experience. Possess a strong proficiency in at least two system, and building controls. Licensed or certified in one area.</p> <p><u>Minimum Education:</u> High School Diploma with 2 years advanced technical or related training.</p>	Non-exempt	\$102.29	\$124.45	\$113.05	\$87.46
811-002	<b>Building Engineer</b>	<p><u>Functional Description:</u> Operates, maintains and repairs one or more engineering systems providing the building services required for an operation to function, such as: Mechanical systems, Heating and Air Conditioning Refrigeration, Electrical systems, Emergency Power Generation, Uninterrupted Power Supply (UPS) systems, Fuel Distribution systems, Water Treatment, Boiler Heating and Plumbing systems. Observes system's gauges, meters, displays for proper operations and adjust as required. Performs preventive and corrective maintenance on system's and their components.</p> <p><u>Minimum Experience:</u> Typically requires 4 years of related experience. Possess a strong proficiency in at least one system, and building controls.</p> <p><u>Minimum Education:</u> High School Diploma with 6 months to 1 year advanced technical or related training.</p>	Non-exempt	\$93.96	\$114.31	\$103.84	\$80.34
811-002 & 811-005	<b>HVAC Site Maintenance Technician Level II</b>	<p><u>Functional Description:</u> Directs and performs minor installation, operation, maintenance, and repair of heating ventilation air conditioning equipment and systems. This may include, but is not limited to packaged HVAC units, split-systems, CRUs, VAVs, air handling units, pumps, exchangers, and fans; calibration of electrical and pneumatic controls; and mechanical activities. May perform a variety of mechanical functions associated with minor repair of machines and mechanical equipment.</p> <p><u>Minimum Experience:</u> Typically requires 5 years of related experience. EPA certification required.</p> <p><u>Minimum Education:</u> High School diploma and advanced technical training, certification or equivalent related experience required.</p>	Non-exempt	\$104.13	\$98.61	\$99.04	\$81.49

811-002 & 811-005	<b>HVAC Site Maintenance Technician Level I</b>	<p><u>Functional Description:</u> Performs with direction: installation, operation, maintenance, and repair of heating ventilation air conditioning equipment and systems. This may include, but is not limited to packaged HVAC units, split-systems, VAVs, air handling units, pumps, exchangers, and fans; and mechanical activities. Changes filters and performs routine HVAC maintenance and service.</p> <p><u>Minimum Experience:</u> Typically requires 2 years of related experience. EPA certification required.</p> <p><u>Minimum Education:</u> High School diploma.</p> <p>See Note 1 below on hourly rates.</p>	Non-exempt	\$81.93	\$77.59	\$77.93	\$64.12
811-002	<b>Maintenance Electrician Level III</b>	<p><u>Functional Description:</u> Directs, processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows and ensures others follow blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs complex diagnostics, repair and replacement of electrical components and devices. Ensures compliance with codes, NEC and trains others on work standards.</p> <p><u>Minimum Experience:</u> Typically requires 8 years of experience involving electrical systems and equipment and general experience with overall operations, maintenance and repair of facilities. Holds a Masters Electrical License.</p> <p><u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Masters Electrical license.</p>	Non-exempt	\$115.23	\$125.49	\$137.23	\$83.42
811-002	<b>Maintenance Electrician Level II</b>	<p><u>Functional Description:</u> Directs, processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs complex diagnostics, repair and replacement of electrical components and devices.</p> <p><u>Minimum Experience:</u> Typically requires 5 years of experience involving electrical systems and equipment and general experience with overall operations, maintenance and repair of facilities. Holds a Journeyman's Electrical License.</p> <p><u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Electrical license.</p>	Non-exempt	\$96.20	\$104.76	\$114.56	\$69.64
811-002	<b>Maintenance Electrician Level I</b>	<p><u>Functional Description:</u> Processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs routine diagnostics, repair and replacement of electrical components and devices. <u>Minimum Experience:</u> Typically requires 2 years of experience involving electrical systems and equipment and general O&amp;M experience with other building systems. <u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Electrical license. See Note 1 below on hourly rates.</p>	Non-exempt	\$87.45	\$95.24	\$104.15	\$63.31

811-002	<b>Maintenance Technician Level II</b>	<p><u>Functional Description:</u> Performs installations, operation, maintenance and repairs to building equipment, systems, and infrastructure with minimum supervision. Executes customer work requests and trouble calls supporting the built environment.</p> <p><u>Minimum Experience:</u> Typically requires 5 years of experience involving operation, maintenance and repair of building. Strong proficiency in one of the following building systems area: electrical, HVAC or plumbing systems.</p> <p><u>Minimum Education:</u> High School Diploma. May have associate degree or advance technical training or equivalent related experience.</p> <p>See Note 1 below on hourly rates.</p>	Non-exempt	\$92.40	\$99.75	\$103.66	\$75.30
811-002	<b>Maintenance Technician Level I</b>	<p><u>Functional Description:</u> Performs operation, maintenance and minor repairs to building equipment, systems, and infrastructure with supervision. Executes customer work requests and trouble calls supporting the built environment.</p> <p><u>Minimum Experience:</u> Typically requires 2 years of experience involving operation and maintenance of buildings or in a related area.</p> <p><u>Minimum Education:</u> High School Diploma.</p>	Non-exempt	\$73.98	\$79.86	\$82.99	\$60.29
811-002	<b>Maintenance Carpenter</b>	<p><u>Functional Description:</u> Performs installations, maintenance and repairs to building architectural and structural systems, building components to include but not limited to: ceilings, walls, doors, hardware, floor coverings. Executes customer work requests, moves furniture, does routine maintenance of other building systems, space modifications and trouble calls supporting the built environment.</p>	Non-exempt	\$73.75	\$89.25	\$80.93	\$54.01
811-002	<b>Maintenance Trades Helper</b>	<p><u>Functional Description:</u> Performs general labor, cleaning and service requests supporting operation and maintenance of facilities with supervision. Helps maintenance personnel with following but not limited to: preventive &amp; corrective maintenance helper, lifting, stocking of supplies, cleanup, and moving materials and tools.</p> <p><u>Minimum Experience:</u> Typically requires 1 year related experience involving building trades or operation and service to buildings and facilities or equivalent.</p> <p><u>Minimum Education:</u> High School Diploma or GED.</p>	Non-exempt	\$61.76	\$49.64	\$51.98	\$38.54
811-002 & 811-003	<b>Maintenance Scheduler</b>	<p><u>Functional Description:</u> Performs general administrative, scheduling, and coordinating personnel and material to support operation and maintenance activities at a specific facility or site. Inputs work requests into a work management system, documents resources expended, provides reports, and assists with tracking performance.</p> <p><u>Minimum Experience:</u> Typically 3 years experience involving operation, maintenance, repair and service to buildings and facilities.</p> <p><u>Minimum Education:</u> High School Diploma</p>	Non-exempt	\$58.84	\$61.77	\$71.25	\$53.93
811-002 & 811-003	<b>Drafter / Planner</b>	<p><u>Functional Description:</u> Performs routine planning, coordination, layout and drafting of work to be performed by personnel or subcontractors performing maintenance repair, and construction. Prepares routine day-to-day drawings, and work requirements for operations personnel and maintains drawing files.</p> <p><u>Minimum Experience:</u> Typically 5 years experience involving operation, maintenance and service to buildings and facilities. Proficient with computer aided drafting application and knowledge of industry drawing standards.</p> <p><u>Minimum Education:</u> High School Diploma and drafting certification or equivalent related experience.</p>	Non-exempt	\$72.57	\$59.68	\$65.33	\$66.86



**Pricing of Labor Under 03FAC Facility  
Maintenance & Management Services**

SIN	Reference Number	Description	Exempt/ non- exempt	Proposed Renewal Year 5 Ceiling Rate (per Hour) with IFF effective 8/27/19			
				West	Central	North east	South east
811-002 & 811-003	<b>Chief Building Engineer</b>	<p><u>Functional Description:</u> Directs, operates, maintains and repairs one or more engineering systems providing the building services required for an operation to function, such as: Mechanical systems, Heating and Air Conditioning Refrigeration, Electrical systems, Emergency Power Generation, Uninterrupted Power Supply (UPS) systems, Fuel Distribution systems, Water Treatment, Boiler Heating and Plumbing systems. Understands and performs diagnostics on building systems to ensure proper operations and efficiency. Directs and performs maintenance on system's and their components.</p> <p><u>Minimum Experience:</u> Typically requires 8 years of related experience. Possess a strong proficiency in at least two system, and building controls. Licensed or certified in one area.</p> <p><u>Minimum Education:</u> High School Diploma with 2 years advanced technical or related training.</p>	Non-exempt	\$105.87	\$128.80	\$117.00	\$90.52
811-002	<b>Building Engineer</b>	<p><u>Functional Description:</u> Operates, maintains and repairs one or more engineering systems providing the building services required for an operation to function, such as: Mechanical systems, Heating and Air Conditioning Refrigeration, Electrical systems, Emergency Power Generation, Uninterrupted Power Supply (UPS) systems, Fuel Distribution systems, Water Treatment, Boiler Heating and Plumbing systems. Observes system's gauges, meters, displays for proper operations and adjust as required. Performs preventive and corrective maintenance on system's and their components.</p> <p><u>Minimum Experience:</u> Typically requires 4 years of related experience. Possess a strong proficiency in at least one system, and building controls.</p> <p><u>Minimum Education:</u> High School Diploma with 6 months to 1 year advanced technical or related training.</p>	Non-exempt	\$97.25	\$118.31	\$107.47	\$83.15
811-002 & 811-005	<b>HVAC Site Maintenance Technician Level II</b>	<p><u>Functional Description:</u> Directs and performs minor installation, operation, maintenance, and repair of heating ventilation air conditioning equipment and systems. This may include, but is not limited to packaged HVAC units, split-systems, CRUs, VAVs, air handling units, pumps, exchangers, and fans; calibration of electrical and pneumatic controls; and mechanical activities. May perform a variety of mechanical functions associated with minor repair of machines and mechanical equipment.</p> <p><u>Minimum Experience:</u> Typically requires 5 years of related experience. EPA certification required.</p> <p><u>Minimum Education:</u> High School diploma and advanced technical training, certification or equivalent related experience required.</p>	Non-exempt	\$107.77	\$102.06	\$102.51	\$84.35

811-002 & 811-005	<b>HVAC Site Maintenance Technician Level I</b>	<p><u>Functional Description:</u> Performs with direction: installation, operation, maintenance, and repair of heating ventilation air conditioning equipment and systems. This may include, but is not limited to packaged HVAC units, split-systems, VAVs, air handling units, pumps, exchangers, and fans; and mechanical activities. Changes filters and performs routine HVAC maintenance and service.</p> <p><u>Minimum Experience:</u> Typically requires 2 years of related experience. EPA certification required.</p> <p><u>Minimum Education:</u> High School diploma.</p> <p>See Note 1 below on hourly rates.</p>	Non-exempt	\$84.80	\$80.30	\$80.65	\$66.37
811-002	<b>Maintenance Electrician Level III</b>	<p><u>Functional Description:</u> Directs, processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows and ensures others follow blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs complex diagnostics, repair and replacement of electrical components and devices. Ensures compliance with codes, NEC and trains others on work standards.</p> <p><u>Minimum Experience:</u> Typically requires 8 years of experience involving electrical systems and equipment and general experience with overall operations, maintenance and repair of facilities. Holds a Masters Electrical License.</p> <p><u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Masters Electrical license.</p>	Non-exempt	\$119.26	\$129.88	\$142.03	\$86.33
811-002	<b>Maintenance Electrician Level II</b>	<p><u>Functional Description:</u> Directs, processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs complex diagnostics, repair and replacement of electrical components and devices.</p> <p><u>Minimum Experience:</u> Typically requires 5 years of experience involving electrical systems and equipment and general experience with overall operations, maintenance and repair of facilities. Holds a Journeyman's Electrical License.</p> <p><u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Electrical license.</p>	Non-exempt	\$99.56	\$108.43	\$118.57	\$72.07
811-002	<b>Maintenance Electrician Level I</b>	<p><u>Functional Description:</u> Processes, performs and tracks installation, operation, repair and maintenance of electrical systems and controls as well as general maintenance service and repair of other building systems. Follows blueprints, specifications, schematics, sketches and verbal instructions to perform electrical work and small projects. Performs routine diagnostics, repair and replacement of electrical components and devices. <u>Minimum Experience:</u> Typically requires 2 years of experience involving electrical systems and equipment and general O&amp;M experience with other building systems. <u>Minimum Education:</u> High School Diploma. Advanced schooling and/or specialty training to maintain Electrical license. See Note 1 below on hourly rates.</p>	Non-exempt	\$90.51	\$98.57	\$107.79	\$65.52

811-002	<b>Maintenance Technician Level II</b>	<p><u>Functional Description:</u> Performs installations, operation, maintenance and repairs to building equipment, systems, and infrastructure with minimum supervision. Executes customer work requests and trouble calls supporting the built environment.</p> <p><u>Minimum Experience:</u> Typically requires 5 years of experience involving operation, maintenance and repair of building. Strong proficiency in one of the following building systems area: electrical, HVAC or plumbing systems.</p> <p><u>Minimum Education:</u> High School Diploma. May have associate degree or advance technical training or equivalent related experience.</p> <p>See Note 1 below on hourly rates.</p>	Non-exempt	\$95.63	\$103.24	\$107.29	\$77.93
811-002	<b>Maintenance Technician Level I</b>	<p><u>Functional Description:</u> Performs operation, maintenance and minor repairs to building equipment, systems, and infrastructure with supervision. Executes customer work requests and trouble calls supporting the built environment.</p> <p><u>Minimum Experience:</u> Typically requires 2 years of experience involving operation and maintenance of buildings or in a related area.</p> <p><u>Minimum Education:</u> High School Diploma.</p>	Non-exempt	\$76.57	\$82.66	\$85.90	\$62.40
811-002	<b>Maintenance Carpenter</b>	<p><u>Functional Description:</u> Performs installations, maintenance and repairs to building architectural and structural systems, building components to include but not limited to: ceilings, walls, doors, hardware, floor coverings. Executes customer work requests, moves furniture, does routine maintenance of other building systems, space modifications and trouble calls supporting the built environment.</p>	Non-exempt	\$76.34	\$92.37	\$83.76	\$55.90
811-002	<b>Maintenance Trades Helper</b>	<p><u>Functional Description:</u> Performs general labor, cleaning and service requests supporting operation and maintenance of facilities with supervision. Helps maintenance personnel with following but not limited to: preventive &amp; corrective maintenance helper, lifting, stocking of supplies, cleanup, and moving materials and tools.</p> <p><u>Minimum Experience:</u> Typically requires 1 year related experience involving building trades or operation and service to buildings and facilities or equivalent.</p> <p><u>Minimum Education:</u> High School Diploma or GED.</p>	Non-exempt	\$63.92	\$51.38	\$53.80	\$39.89
811-002 & 811-003	<b>Maintenance Scheduler</b>	<p><u>Functional Description:</u> Performs general administrative, scheduling, and coordinating personnel and material to support operation and maintenance activities at a specific facility or site. Inputs work requests into a work management system, documents resources expended, provides reports, and assists with tracking performance.</p> <p><u>Minimum Experience:</u> Typically 3 years experience involving operation, maintenance, repair and service to buildings and facilities.</p> <p><u>Minimum Education:</u> High School Diploma</p>	Non-exempt	\$60.90	\$63.93	\$73.75	\$55.81
811-002 & 811-003	<b>Drafter / Planner</b>	<p><u>Functional Description:</u> Performs routine planning, coordination, layout and drafting of work to be performed by personnel or subcontractors performing maintenance repair, and construction. Prepares routine day-to-day drawings, and work requirements for operations personnel and maintains drawing files.</p> <p><u>Minimum Experience:</u> Typically 5 years experience involving operation, maintenance and service to buildings and facilities. Proficient with computer aided drafting application and knowledge of industry drawing standards.</p> <p><u>Minimum Education:</u> High School Diploma and drafting certification or equivalent related experience.</p>	Non-exempt	\$75.11	\$61.77	\$67.62	\$69.20



## Pricing of Labor Under 03FAC Facility Maintenance & Management Services

SIN	Reference Number	Labor Category	Description	Proposed Renewal Year 2 GSA Ceiling Rate (per Hour) with IFF effective 8/27/16			
				West	Central	Northeast	Southeast
811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S020	<b>HVAC Field Technician</b>	<p><b>Functional Description:</b> Responsible for retrofit and repair of environmental-comfort systems, utilizing knowledge of air conditioning theory, pipe fitting, and mechanical layouts.</p> <p><b>Minimum Experience:</b> Typically requires 5 years of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from a Technical/Trade School with a certificate in Heating, Ventilation, and Air Conditioning and five (5) years related experience; or seven (7) years related experience; or equivalent combination of education and experience.</p>	\$143.63	\$175.12	\$174.68	\$134.43
811-002, 811-005, 003-097	S021	<b>HVAC Field Technical – Apprentice</b>	<p><b>Functional Description:</b> Assists HVAC Field Technicians in the installation and repair of environmental control systems, utilizing knowledge of refrigeration theory, control systems, pipe fitting, and structural layouts.</p> <p><b>Minimum Experience:</b> Typically requires 6 months of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school with a certificate in Heating, Ventilation, and Air Conditioning; or six months to one-year related experience and/or training; or equivalent combination of education and experience.</p>	\$124.72	\$150.84	\$139.00	\$123.99
811-002, 811-005, 003-097	S022	<b>HVAC Field Technician – Team Leader</b>	<p><b>Functional Description:</b> Performs and directs HVAC Field Technicians who accomplish the repair/retrofit/replacement installation of environment comfort systems, utilizing knowledge of air conditioning theory, pipe fitting and mechanical layouts.</p> <p><b>Minimum Experience:</b> Typically requires 5 years of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school with a certificate in Heating, Ventilation, and Air Conditioning; and five (5) years HVAC experience, or equivalent combination of education and experience. Must have knowledge of various HVAC products, systems, electronics, and pneumatic controls.</p>	\$179.99	\$183.53	\$204.54	\$161.28

811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S049	<b>HVAC Field Technician – Senior</b>	<b>Functional Description:</b> Applies training, knowledge and experience of HVAC systems at a Journeyman level HVAC Service Technician. Performs all work in the service and maintenance field on all major types of equipment, and is responsible for retrofit and repair of environmental-comfort systems, utilizing knowledge of air conditioning theory, pipe fitting, and mechanical layouts. <b>Minimum Experience:</b> Typically requires 7 years of related experience. <b>Minimum Education:</b> Associate's degree (A.A.) or equivalent from a technical / trade school with a certificate in Heating, Ventilation, and Air Conditioning and seven (7) years related experience; or ten (1) years related experience; or equivalent combination of education and experience.	<b>\$165.33</b>	<b>\$177.48</b>	<b>\$182.29</b>	<b>\$148.13</b>
811-002, 811-005, 003-097	S118	<b>Project Administrator – Service</b>	<b>Functional Description:</b> Possesses project documentation, materials, job costing, status monitoring, invoicing, and administrative closeout of a service project. This position is required to closely interact with the Project Manager and assigned project staff to ensure the timely completion of services scope of work. <b>Minimum Experience:</b> Typically requires 6 months of related experience. <b>Minimum Education:</b> One-year certificate from college or technical school; or six (6) months to two (2) years or related experience and/or training; or equivalent combination of education and experience. Familiarity with the operation of Energy Management Systems, HVAC Systems, and/or Temperature Controls preferred.	<b>\$120.24</b>	<b>\$117.71</b>	<b>\$113.15</b>	<b>\$112.01</b>
811-002, 811-005, 003-097	S154	<b>Service Helper</b>	<b>Functional Description:</b> Assists HVAC Field Technicians in routine maintenance and inspections on existing systems. <b>Minimum Experience:</b> Typically requires 1 year of related experience involving building trades or operation and service to buildings or HVAC. <b>Minimum Education:</b> High School Diploma or GED.	<b>\$122.32</b>	<b>\$122.38</b>	<b>\$126.91</b>	<b>\$126.04</b>



811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S082	<b>Project Engineer II – Controls</b>	<b>Functional Description:</b> Performs hardware and software design activities for building automation systems. Applies engineering principles and practices for work on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly on the project team to assist the Project Manager with project commissioning. <b>Minimum Experience:</b> Typically requires 3-6 years of related experience. <b>Minimum Education:</b> Bachelor's degree in Engineering and 3-4 years experience; or Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 5-6 years related experience; or equivalent combination of education and experience.	<b>\$257.09</b>	<b>\$160.10</b>	<b>\$160.41</b>	<b>\$183.60</b>
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S083	<b>Project Engineer II – Energy</b>	<b>Functional Description:</b> Performs technical analysis, review, measurement, and verification of financially guaranteed projects. Provides technical analysis and review for performance monitoring or contracts, and applies engineering principles and practices on assigned projects. <b>Minimum Experience:</b> Typically requires 3 years of related experience. <b>Minimum Education:</b> Bachelor's degree in Engineering and three (3) years experience; or equivalent combination of education and experience. Knowledge and experience with HVAC, control, electrical systems and proficiency with energy analysis tools such as TRACE and system analyzer. Working knowledge of cost and savings studies incorporating energy conservation measures.	<b>\$260.39</b>	<b>\$192.56</b>	<b>\$223.40</b>	<b>\$184.12</b>
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S084	<b>Project Engineer II – Systems</b>	<b>Functional Description:</b> Performs complex planning, estimating and design activities for the layout of equipment, commercial and industrial facilities. Determines the scope of projects, estimates cost, designs and documents HVAC and electrical systems and procures components. Works directly on the project team to assist the Project Manager with project commissioning. <b>Minimum Experience:</b> Typically requires 3-6 years of related experience. <b>Minimum Education:</b> Bachelor's degree in Engineering and 3-4 years related experience; or Associate's degree (A.A.) or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 5-6 years related experience; or equivalent combination of education and experience.	<b>\$260.39</b>	<b>\$189.21</b>	<b>\$223.40</b>	<b>\$184.12</b>

811-003, 003-097	S085	<b>Project Manager – Controls</b>	<p><b><u>Functional Description:</u></b> Manages all aspects of HVAC control projects, from beginning to end, with direct responsibility for project execution while leading a team, or teams, to accomplish specific objectives in a given time frame and with available resources. Responsible for the administration, implementation, and management of HVAC control projects. Ensures assigned projects' scope of work, schedule, and budget are achieved.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 2-6 years of related experience.</p> <p><b><u>Minimum Education:</u></b> Bachelor's degree in Electrical or Mechanical Engineering or Construction Management with a minimum of two (2) years of project management, controls, HVAC or related experience, or a minimum of six (6) years of project management, controls, HVAC or related experience; or an equivalent combination of education and experience.</p>	<b>\$208.33</b>	<b>\$196.08</b>	<b>\$178.05</b>	<b>\$182.59</b>
811-003, 003-097	S089	<b>Project Manager – Contracts</b>	<p><b><u>Functional Description:</u></b>Manages all aspects of HVAC contract projects, from beginning to end, with direct responsibility for project execution while leading a team, or teams, to accomplish specific objectives in a given time frame and with available resources. Responsible for the administration, implementation, and management of control projects. Accountable for assigned projects' scope of work, schedule, and budget.<b><u>Minimum Experience:</u></b>Typically requires 2-6 years of related experience.<b><u>Minimum Education:</u></b>Bachelor's degree in Electrical or Mechanical Engineering or Construction Management with a minimum of two (2) years of project management, HVAC (systems, equipment, installation or service) or related experience, or a minimum of six (6) years or project management, HVAC (systems, equipment, installation, or service) or related experience; or an equivalent combination of education and experience.</p>	<b>\$222.56</b>	<b>\$185.19</b>	<b>\$194.58</b>	<b>\$183.16</b>

811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S104	<b>Project Engineer Team Leader</b>	<p><b>Functional Description:</b> Performs hardware and software design activities for building automation systems. Applies engineering principles and practices for work on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly with the project team to assist with project commissioning. Directs and assists other project engineers on the team related to opportunities and obstacles in managing the engineering workload. Possesses a familiarity with the concepts of new construction, renovation/retrofit; performance contracting, and service project management.</p> <p><b>Minimum Experience:</b> Typically requires 2-4 years of related experience.</p> <p><b>Minimum Education:</b> Bachelor's degree in engineering and two (2) to three (3) years experience; or Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and three (3) to four (4) years related experience; or equivalent combination of education and experience.</p>	\$260.39	\$195.83	\$223.40	\$184.12
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S119	<b>Project Administrator – Contracting</b>	<p><b>Functional Description:</b>Responsible for project set-up, document control, data entry, billing, contract monitoring, and administrative closeout of each project. This position is required to closely interact with the Project Manager and assigned project staff to assist with the timely completion of each project.</p> <p><b>Minimum Experience:</b>Typically requires 6 months of related experience.</p> <p><b>Minimum Education:</b>One-year certificate from college or technical school; or six (6) months of related experience and/or training; or equivalent combination of education and experience. Familiarity with the operation of Energy Management Systems, HVAC Systems and/or Temperature Controls preferred.</p>	\$114.84	\$124.26	\$140.23	\$124.70
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S120	<b>Computer Aided Drafter</b>	<p><b>Functional Description:</b> Responsible for creating computer aided design (CAD) drawings using standard CAD digitizing techniques and skills. Also responsible for the system graphics required to support automation systems design.</p> <p><b>Minimum Experience:</b> Typically requires 6 months of related experience.</p> <p><b>Minimum Education:</b> Associate's degree from college or technical school in Computer-Aided Design or Drafting; or at least six (6) months related experience and/or training; or equivalent combination of education and experience. Working knowledge of AutoCAD or other computer aided design, Microsoft Office software required.</p>	\$123.24	\$102.06	\$118.83	\$99.31

811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S121	<b>Controls Technician</b>	<p><b><u>Functional Description:</u></b> Performs more complex commissioning, diagnosis, and repair of environmental-control systems, utilizing knowledge of electronics, direct digital control, airflow, hydronics, refrigeration theory, and control techniques.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 6 months of related experience.</p> <p><b><u>Minimum Education:</u></b> Associate's degree or equivalent from two-year college or technical school or six (6) months experience in control systems; or equivalent combination of education and experience.</p>	<b>\$161.36</b>	<b>\$149.34</b>	<b>\$175.12</b>	<b>\$154.44</b>
811-002, 811-005, 003-097	S152	<b>Controls Technician – Entry Level</b>	<p><b><u>Functional Description:</u></b> Performs and assists under direction complex commissioning, diagnosis, and repair of environmental-control systems, utilizing knowledge of electronics, direct digital control, airflow, hydronics, refrigeration theory, and control techniques. Performs these tasks on simple control projects. <b><u>Minimum Experience:</u></b> Typically requires 6 months of related experience. <b><u>Minimum Education:</u></b> Associate's degree or equivalent from two-year college or technical school or six (6) months experience in control systems; or equivalent combination of education and experience.</p>	<b>\$161.36</b>	<b>\$128.73</b>	<b>\$143.99</b>	<b>\$154.43</b>
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S167	<b>Project Engineer I – Systems</b>	<p><b><u>Functional Description:</u></b> Project development - Performs planning, estimating and design activities for the layout of equipment, commercial and industrial facilities. Assists in determining the scope of projects, estimates cost, designs and documents HVAC and electrical systems and procures components. Works directly on the project team to assist the Project Manager with project commissioning.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 4-5 years of related experience.</p> <p><b><u>Minimum Education:</u></b> Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 4-5 years related experience; or equivalent combination of education and experience.</p>	<b>\$107.14</b>	<b>\$125.20</b>	<b>\$151.56</b>	<b>\$133.64</b>

811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S168	<b>Project Engineer I – Energy</b>	<p><b>Functional Description:</b>Project development - provides technical analysis and review for performance monitoring on contracts. Applies knowledge of technology and applications on assigned projects. <b>Minimum Experience:</b>Typically requires 5-6 years of related experience.<b>Minimum Education:</b>Knowledge and 5-6 years experience with HVAC, control, electrical systems and proficiency with energy analysis tools such as TRACE and system analyzer. Working knowledge of cost and savings studies incorporating energy conversation measures.</p>	<b>\$107.14</b>	<b>\$125.20</b>	<b>\$151.56</b>	<b>\$133.64</b>
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S169	<b>Project Engineer I – Controls</b>	<p><b>Functional Description:</b> Project development which includes applying engineering principles and practices on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly on the project team to assist with project commissioning. <b>Minimum Experience:</b> Typically requires 4-5 years of related experience. <b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 4-5 years related experience; or equivalent combination of education and experience.</p>	<b>\$107.14</b>	<b>\$125.20</b>	<b>\$151.56</b>	<b>\$133.64</b>



**Pricing of Labor Under 03FAC  
Facility Maintenance & Management Services**

SIN	Reference Number	Labor Category	Description	Proposed Renewal Year 3 GSA Ceiling Rate (per Hour) with IFF effective 8/27/17			
				West	Central	Northeast	Southeast
811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S020	<b>HVAC Field Technician</b>	<p><b><u>Functional Description:</u></b> Responsible for retrofit and repair of environmental-comfort systems, utilizing knowledge of air conditioning theory, pipe fitting, and mechanical layouts.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 5 years of related experience.</p> <p><b><u>Minimum Education:</u></b> Associate's degree or equivalent from a Technical/Trade School with a certificate in Heating, Ventilation, and Air Conditioning and five (5) years related experience; or seven (7) years related experience; or equivalent combination of education and experience.</p>	\$148.65	\$181.25	\$180.80	\$139.14
811-002, 811-005, 003-097	S021	<b>HVAC Field Technical – Apprentice</b>	<p><b><u>Functional Description:</u></b> Assists HVAC Field Technicians in the installation and repair of environmental control systems, utilizing knowledge of refrigeration theory, control systems, pipe fitting, and structural layouts.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 6 months of related experience.</p> <p><b><u>Minimum Education:</u></b> Associate's degree or equivalent from two-year college or technical school with a certificate in Heating, Ventilation, and Air Conditioning; or six months to one-year related experience and/or training; or equivalent combination of education and experience.</p>	\$129.09	\$156.12	\$143.86	\$128.33

811-002, 811-005, 003-097	S022	<b>HVAC Field Technician – Team Leader</b>	<p><b>Functional Description:</b> Performs and directs HVAC Field Technicians who accomplish the repair/retrofit/replacement installation of environment comfort systems, utilizing knowledge of air conditioning theory, pipe fitting and mechanical layouts.</p> <p><b>Minimum Experience:</b> Typically requires 5 years of related experience.</p> <p><b>Minimum Education:</b> Associate’s degree or equivalent from two-year college or technical school with a certificate in Heating, Ventilation, and Air Conditioning; and five (5) years HVAC experience, or equivalent combination of education and experience. Must have knowledge of various HVAC products, systems, electronics, and pneumatic controls.</p>	\$186.29	\$189.96	\$211.69	\$166.92
811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S049	<b>HVAC Field Technician – Senior</b>	<p><b>Functional Description:</b>Applies training, knowledge and experience of HVAC systems at a Journeyman level HVAC Service Technician. Performs all work in the service and maintenance field on all major types of equipment, and is responsible for retrofit and repair of environmental-comfort systems, utilizing knowledge of air conditioning theory, pipe fitting, and mechanical layouts.<b>Minimum Experience:</b>Typically requires 7 years of related experience.<b>Minimum Education:</b>Associate’s degree (A.A.) or equivalent from a technical / trade school with a certificate in Heating, Ventilation, and Air Conditioning and seven (7) years related experience; or ten (1) years related experience; or equivalent combination of education and experience.</p>	\$171.12	\$183.70	\$188.67	\$153.32
811-002, 811-005, 003-097	S118	<b>Project Administrator – Service</b>	<p><b>Functional Description:</b> Possesses project documentation, materials, job costing, status monitoring, invoicing, and administrative closeout of a service project. This position is required to closely interact with the Project Manager and assigned project staff to ensure the timely completion of services scope of work.</p> <p><b>Minimum Experience:</b> Typically requires 6 months of related experience.</p> <p><b>Minimum Education:</b> One-year certificate from college or technical school; or six (6) months to two (2) years or related experience and/or training; or equivalent combination of education and experience. Familiarity with the operation of Energy Management Systems, HVAC Systems, and/or Temperature Controls preferred.</p>	\$124.45	\$121.83	\$117.11	\$115.93

811-002, 811-005, 003-097	S154	<b>Service Helper</b>	<p><b><u>Functional Description:</u></b> Assists HVAC Field Technicians in routine maintenance and inspections on existing systems.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 1 year of related experience involving building trades or operation and service to buildings or HVAC.</p> <p><b><u>Minimum Education:</u></b> High School Diploma or GED.</p>	\$126.60	\$126.67	\$131.35	\$130.45
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S082	<b>Project Engineer II – Controls</b>	<p><b><u>Functional Description:</u></b> Performs hardware and software design activities for building automation systems. Applies engineering principles and practices for work on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly on the project team to assist the Project Manager with project commissioning.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 3-6 years of related experience.</p> <p><b><u>Minimum Education:</u></b> Bachelor's degree in Engineering and 3-4 years experience; or Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 5-6 years related experience; or equivalent combination of education and experience.</p>	\$266.08	\$165.71	\$166.02	\$190.03
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S083	<b>Project Engineer II – Energy</b>	<p><b><u>Functional Description:</u></b> Performs technical analysis, review, measurement, and verification of financially guaranteed projects. Provides technical analysis and review for performance monitoring or contracts, and applies engineering principles and practices on assigned projects.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 3 years of related experience.</p> <p><b><u>Minimum Education:</u></b> Bachelor's degree in Engineering and three (3) years experience; or equivalent combination of education and experience. Knowledge and experience with HVAC, control, electrical systems and proficiency with energy analysis tools such as TRACE and system analyzer. Working knowledge of cost and savings studies incorporating energy conservation measures.</p>	\$269.50	\$199.29	\$231.22	\$190.56



811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S084	<b>Project Engineer II – Systems</b>	<p><b>Functional Description:</b> Performs complex planning, estimating and design activities for the layout of equipment, commercial and industrial facilities. Determines the scope of projects, estimates cost, designs and documents HVAC and electrical systems and procures components. Works directly on the project team to assist the Project Manager with project commissioning.</p> <p><b>Minimum Experience:</b> Typically requires 3-6 years of related experience.</p> <p><b>Minimum Education:</b> Bachelor's degree in Engineering and 3-4 years related experience; or Associate's degree (A.A.) or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 5-6 years related experience; or equivalent combination of education and experience.</p>	<b>\$269.50</b>	<b>\$195.83</b>	<b>\$231.22</b>	<b>\$190.56</b>
811-003, 003-097	S085	<b>Project Manager – Controls</b>	<p><b>Functional Description:</b> Manages all aspects of HVAC control projects, from beginning to end, with direct responsibility for project execution while leading a team, or teams, to accomplish specific objectives in a given time frame and with available resources. Responsible for the administration, implementation, and management of HVAC control projects. Ensures assigned projects' scope of work, schedule, and budget are achieved.</p> <p><b>Minimum Experience:</b> Typically requires 2-6 years of related experience.</p> <p><b>Minimum Education:</b> Bachelor's degree in Electrical or Mechanical Engineering or Construction Management with a minimum of two (2) years of project management, controls, HVAC or related experience, or a minimum of six (6) years of project management, controls, HVAC or related experience; or an equivalent combination of education and experience.</p>	<b>\$215.62</b>	<b>\$202.95</b>	<b>\$184.29</b>	<b>\$188.98</b>

811-003, 003-097	S089	<b>Project Manager – Contracts</b>	<p><b>Functional Description:</b>Manages all aspects of HVAC contract projects, from beginning to end, with direct responsibility for project execution while leading a team, or teams, to accomplish specific objectives in a given time frame and with available resources. Responsible for the administration, implementation, and management of control projects. Accountable for assigned projects' scope of work, schedule, and budget. <b>Minimum Experience:</b>Typically requires 2-6 years of related experience. <b>Minimum Education:</b>Bachelor's degree in Electrical or Mechanical Engineering or Construction Management with a minimum of two (2) years of project management, HVAC (systems, equipment, installation or service) or related experience, or a minimum of six (6) years of project management, HVAC (systems, equipment, installation, or service) or related experience; or an equivalent combination of education and experience.</p>	\$230.35	\$191.67	\$201.39	\$189.57
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S104	<b>Project Engineer Team Leader</b>	<p><b>Functional Description:</b> Performs hardware and software design activities for building automation systems. Applies engineering principles and practices for work on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly with the project team to assist with project commissioning. Directs and assists other project engineers on the team related to opportunities and obstacles in managing the engineering workload. Possesses a familiarity with the concepts of new construction, renovation/retrofit; performance contracting, and service project management. <b>Minimum Experience:</b> Typically requires 2-4 years of related experience. <b>Minimum Education:</b> Bachelor's degree in engineering and two (2) to three (3) years experience; or Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and three (3) to four (4) years related experience; or equivalent combination of education and experience.</p>	\$269.50	\$202.69	\$231.22	\$190.56

811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S119	<b>Project Administrator – Contracting</b>	<p><b>Functional Description:</b>Responsible for project set-up, document control, data entry, billing, contract monitoring, and administrative closeout of each project. This position is required to closely interact with the Project Manager and assigned project staff to assist with the timely completion of each project.<b>Minimum Experience:</b>Typically requires 6 months of related experience.<b>Minimum Education:</b>One-year certificate from college or technical school; or six (6) months of related experience and/or training; or equivalent combination of education and experience. Familiarity with the operation of Energy Management Systems, HVAC Systems and/or Temperature Controls preferred.</p>	\$118.86	\$128.61	\$145.14	\$129.06
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S120	<b>Computer Aided Drafter</b>	<p><b>Functional Description:</b> Responsible for creating computer aided design (CAD) drawings using standard CAD digitizing techniques and skills. Also responsible for the system graphics required to support automation systems design. <b>Minimum Experience:</b> Typically requires 6 months of related experience. <b>Minimum Education:</b> Associate's degree from college or technical school in Computer-Aided Design or Drafting; or at least six (6) months related experience and/or training; or equivalent combination of education and experience. Working knowledge of AutoCAD or other computer aided design, Microsoft Office software required.</p>	\$127.55	\$105.63	\$122.99	\$102.79
811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S121	<b>Controls Technician</b>	<p><b>Functional Description:</b> Performs more complex commissioning, diagnosis, and repair of environmental-control systems, utilizing knowledge of electronics, direct digital control, airflow, hydronics, refrigeration theory, and control techniques. <b>Minimum Experience:</b> Typically requires 6 months of related experience. <b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school or six (6) months experience in control systems; or equivalent combination of education and experience.</p>	\$167.01	\$154.57	\$181.25	\$159.84

811-002, 811-005, 003-097	S152	<b>Controls Technician – Entry Level</b>	<b>Functional Description:</b> Performs and assists under direction complex commissioning, diagnosis, and repair of environmental-control systems, utilizing knowledge of electronics, direct digital control, airflow, hydronics, refrigeration theory, and control techniques. Performs these tasks on simple control projects. <b>Minimum Experience:</b> Typically requires 6 months of related experience. <b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school or six (6) months experience in control systems; or equivalent combination of education and experience.	<b>\$167.01</b>	<b>\$133.23</b>	<b>\$149.03</b>	<b>\$159.84</b>
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S167	<b>Project Engineer I – Systems</b>	<b>Functional Description:</b> Project development - Performs planning, estimating and design activities for the layout of equipment, commercial and industrial facilities. Assists in determining the scope of projects, estimates cost, designs and documents HVAC and electrical systems and procures components. Works directly on the project team to assist the Project Manager with project commissioning. <b>Minimum Experience:</b> Typically requires 4-5 years of related experience. <b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 4-5 years related experience; or equivalent combination of education and experience.	<b>\$110.89</b>	<b>\$129.59</b>	<b>\$156.87</b>	<b>\$138.31</b>
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S168	<b>Project Engineer I – Energy</b>	<b>Functional Description:</b> Project development - provides technical analysis and review for performance monitoring on contracts. Applies knowledge of technology and applications on assigned projects. <b>Minimum Experience:</b> Typically requires 5-6 years of related experience. <b>Minimum Education:</b> Knowledge and 5-6 years experience with HVAC, control, electrical systems and proficiency with energy analysis tools such as TRACE and system analyzer. Working knowledge of cost and savings studies incorporating energy conversation measures.	<b>\$110.89</b>	<b>\$129.59</b>	<b>\$156.87</b>	<b>\$138.31</b>

811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S169	<b>Project Engineer I – Controls</b>	<p><b><u>Functional Description:</u></b> Project development which includes applying engineering principles and practices on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly on the project team to assist with project commissioning.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 4-5 years of related experience.</p> <p><b><u>Minimum Education:</u></b> Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 4-5 years related experience; or equivalent combination of education and experience.</p>	<b>\$110.89</b>	<b>\$129.59</b>	<b>\$156.87</b>	<b>\$138.31</b>
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**Pricing of Labor Under 03FAC  
Facility Maintenance & Management Services**

SIN	Reference Number	Labor Category	Description	Proposed Renewal Year 4 GSA Ceiling Rate (per Hour) with IFF effective 8/27/18			
				West	Central	Northeast	Southeast
811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S020	<b>HVAC Field Technician</b>	<p><b>Functional Description:</b> Responsible for retrofit and repair of environmental-comfort systems, utilizing knowledge of air conditioning theory, pipe fitting, and mechanical layouts.</p> <p><b>Minimum Experience:</b> Typically requires 5 years of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from a Technical/Trade School with a certificate in Heating, Ventilation, and Air Conditioning and five (5) years related experience; or seven (7) years related experience; or equivalent combination of education and experience.</p>	\$153.86	\$187.60	\$187.13	\$144.01
811-002, 811-005, 003-097	S021	<b>HVAC Field Technical – Apprentice</b>	<p><b>Functional Description:</b> Assists HVAC Field Technicians in the installation and repair of environmental control systems, utilizing knowledge of refrigeration theory, control systems, pipe fitting, and structural layouts.</p> <p><b>Minimum Experience:</b> Typically requires 6 months of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school with a certificate in Heating, Ventilation, and Air Conditioning; or six months to one-year related experience and/or training; or equivalent combination of education and experience.</p>	\$133.60	\$161.59	\$148.90	\$132.82
811-002, 811-005, 003-097	S022	<b>HVAC Field Technician – Team Leader</b>	<p><b>Functional Description:</b> Performs and directs HVAC Field Technicians who accomplish the repair/retrofit/replacement installation of environment comfort systems, utilizing knowledge of air conditioning theory, pipe fitting and mechanical layouts.</p> <p><b>Minimum Experience:</b> Typically requires 5 years of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school with a certificate in Heating, Ventilation, and Air Conditioning; and five (5) years HVAC experience, or equivalent combination of education and experience. Must have knowledge of various HVAC products, systems, electronics, and pneumatic controls.</p>	\$192.81	\$196.61	\$219.10	\$172.76

811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S049	<b>HVAC Field Technician – Senior</b>	<b>Functional Description:</b> Applies training, knowledge and experience of HVAC systems at a Journeyman level HVAC Service Technician. Performs all work in the service and maintenance field on all major types of equipment, and is responsible for retrofit and repair of environmental-comfort systems, utilizing knowledge of air conditioning theory, pipe fitting, and mechanical layouts. <b>Minimum Experience:</b> Typically requires 7 years of related experience. <b>Minimum Education:</b> Associate's degree (A.A.) or equivalent from a technical / trade school with a certificate in Heating, Ventilation, and Air Conditioning and seven (7) years related experience; or ten (1) years related experience; or equivalent combination of education and experience.	\$177.11	\$190.13	\$195.27	\$158.68
811-002, 811-005, 003-097	S118	<b>Project Administrator – Service</b>	<b>Functional Description:</b> Possesses project documentation, materials, job costing, status monitoring, invoicing, and administrative closeout of a service project. This position is required to closely interact with the Project Manager and assigned project staff to ensure the timely completion of services scope of work. <b>Minimum Experience:</b> Typically requires 6 months of related experience. <b>Minimum Education:</b> One-year certificate from college or technical school; or six (6) months to two (2) years or related experience and/or training; or equivalent combination of education and experience. Familiarity with the operation of Energy Management Systems, HVAC Systems, and/or Temperature Controls preferred.	\$128.80	\$126.09	\$121.21	\$119.99
811-002, 811-005, 003-097	S154	<b>Service Helper</b>	<b>Functional Description:</b> Assists HVAC Field Technicians in routine maintenance and inspections on existing systems. <b>Minimum Experience:</b> Typically requires 1 year of related experience involving building trades or operation and service to buildings or HVAC. <b>Minimum Education:</b> High School Diploma or GED.	\$131.03	\$131.10	\$135.95	\$135.01

811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S082	<b>Project Engineer II – Controls</b>	<b>Functional Description:</b> Performs hardware and software design activities for building automation systems. Applies engineering principles and practices for work on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly on the project team to assist the Project Manager with project commissioning. <b>Minimum Experience:</b> Typically requires 3-6 years of related experience. <b>Minimum Education:</b> Bachelor's degree in Engineering and 3-4 years experience; or Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 5-6 years related experience; or equivalent combination of education and experience.	\$275.40	\$171.51	\$171.84	\$196.68
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S083	<b>Project Engineer II – Energy</b>	<b>Functional Description:</b> Performs technical analysis, review, measurement, and verification of financially guaranteed projects. Provides technical analysis and review for performance monitoring or contracts, and applies engineering principles and practices on assigned projects. <b>Minimum Experience:</b> Typically requires 3 years of related experience. <b>Minimum Education:</b> Bachelor's degree in Engineering and three (3) years experience; or equivalent combination of education and experience. Knowledge and experience with HVAC, control, electrical systems and proficiency with energy analysis tools such as TRACE and system analyzer. Working knowledge of cost and savings studies incorporating energy conservation measures.	\$278.93	\$206.27	\$239.31	\$197.23
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S084	<b>Project Engineer II – Systems</b>	<b>Functional Description:</b> Performs complex planning, estimating and design activities for the layout of equipment, commercial and industrial facilities. Determines the scope of projects, estimates cost, designs and documents HVAC and electrical systems and procures components. Works directly on the project team to assist the Project Manager with project commissioning. <b>Minimum Experience:</b> Typically requires 3-6 years of related experience. <b>Minimum Education:</b> Bachelor's degree in Engineering and 3-4 years related experience; or Associate's degree (A.A.) or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 5-6 years related experience; or equivalent combination of education and experience.	\$278.93	\$202.68	\$239.31	\$197.23



811-003, 003-097	S085	<b>Project Manager – Controls</b>	<p><b>Functional Description:</b> Manages all aspects of HVAC control projects, from beginning to end, with direct responsibility for project execution while leading a team, or teams, to accomplish specific objectives in a given time frame and with available resources. Responsible for the administration, implementation, and management of HVAC control projects. Ensures assigned projects' scope of work, schedule, and budget are achieved.</p> <p><b>Minimum Experience:</b> Typically requires 2-6 years of related experience.</p> <p><b>Minimum Education:</b> Bachelor's degree in Electrical or Mechanical Engineering or Construction Management with a minimum of two (2) years of project management, controls, HVAC or related experience, or a minimum of six (6) years of project management, controls, HVAC or related experience; or an equivalent combination of education and experience.</p>	<b>\$223.17</b>	<b>\$210.05</b>	<b>\$190.74</b>	<b>\$195.60</b>
811-003, 003-097	S089	<b>Project Manager – Contracts</b>	<p><b>Functional Description:</b>Manages all aspects of HVAC contract projects, from beginning to end, with direct responsibility for project execution while leading a team, or teams, to accomplish specific objectives in a given time frame and with available resources. Responsible for the administration, implementation, and management of control projects. Accountable for assigned projects' scope of work, schedule, and budget.<b>Minimum Experience:</b>Typically requires 2-6 years of related experience.<b>Minimum Education:</b>Bachelor's degree in Electrical or Mechanical Engineering or Construction Management with a minimum of two (2) years of project management, HVAC (systems, equipment, installation or service) or related experience, or a minimum of six (6) years or project management, HVAC (systems, equipment, installation, or service) or related experience; or an equivalent combination of education and experience.</p>	<b>\$238.42</b>	<b>\$198.38</b>	<b>\$208.44</b>	<b>\$196.21</b>

811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S104	<b>Project Engineer Team Leader</b>	<p><b>Functional Description:</b> Performs hardware and software design activities for building automation systems. Applies engineering principles and practices for work on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly with the project team to assist with project commissioning. Directs and assists other project engineers on the team related to opportunities and obstacles in managing the engineering workload. Possesses a familiarity with the concepts of new construction, renovation/retrofit; performance contracting, and service project management.</p> <p><b>Minimum Experience:</b> Typically requires 2-4 years of related experience.</p> <p><b>Minimum Education:</b> Bachelor's degree in engineering and two (2) to three (3) years experience; or Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and three (3) to four (4) years related experience; or equivalent combination of education and experience.</p>	\$278.93	\$209.78	\$239.31	\$197.23
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S119	<b>Project Administrator – Contracting</b>	<p><b>Functional Description:</b> Responsible for project set-up, document control, data entry, billing, contract monitoring, and administrative closeout of each project. This position is required to closely interact with the Project Manager and assigned project staff to assist with the timely completion of each project.</p> <p><b>Minimum Experience:</b> Typically requires 6 months of related experience.</p> <p><b>Minimum Education:</b> One-year certificate from college or technical school; or six (6) months of related experience and/or training; or equivalent combination of education and experience. Familiarity with the operation of Energy Management Systems, HVAC Systems and/or Temperature Controls preferred.</p>	\$123.02	\$133.11	\$150.22	\$133.58
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S120	<b>Computer Aided Drafter</b>	<p><b>Functional Description:</b> Responsible for creating computer aided design (CAD) drawings using standard CAD digitizing techniques and skills. Also responsible for the system graphics required to support automation systems design.</p> <p><b>Minimum Experience:</b> Typically requires 6 months of related experience.</p> <p><b>Minimum Education:</b> Associate's degree from college or technical school in Computer-Aided Design or Drafting; or at least six (6) months related experience and/or training; or equivalent combination of education and experience. Working knowledge of AutoCAD or other computer aided design, Microsoft Office software required.</p>	\$132.02	\$109.33	\$127.30	\$106.39

811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S121	<b>Controls Technician</b>	<p><b>Functional Description:</b> Performs more complex commissioning, diagnosis, and repair of environmental-control systems, utilizing knowledge of electronics, direct digital control, airflow, hydronics, refrigeration theory, and control techniques.</p> <p><b>Minimum Experience:</b> Typically requires 6 months of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school or six (6) months experience in control systems; or equivalent combination of education and experience.</p>	<b>\$172.86</b>	<b>\$159.98</b>	<b>\$187.60</b>	<b>\$165.44</b>
811-002, 811-005, 003-097	S152	<b>Controls Technician – Entry Level</b>	<p><b>Functional Description:</b> Performs and assists under direction complex commissioning, diagnosis, and repair of environmental-control systems, utilizing knowledge of electronics, direct digital control, airflow, hydronics, refrigeration theory, and control techniques. Performs these tasks on simple control projects.<b>Minimum Experience:</b>Typically requires 6 months of related experience.<b>Minimum Education:</b>Associate's degree or equivalent from two-year college or technical school or six (6) months experience in control systems; or equivalent combination of education and experience.</p>	<b>\$172.86</b>	<b>\$137.90</b>	<b>\$154.24</b>	<b>\$165.43</b>
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S167	<b>Project Engineer I – Systems</b>	<p><b>Functional Description:</b> Project development - Performs planning, estimating and design activities for the layout of equipment, commercial and industrial facilities. Assists in determining the scope of projects, estimates cost, designs and documents HVAC and electrical systems and procures components. Works directly on the project team to assist the Project Manager with project commissioning.</p> <p><b>Minimum Experience:</b> Typically requires 4-5 years of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 4-5 years related experience; or equivalent combination of education and experience.</p>	<b>\$114.77</b>	<b>\$134.12</b>	<b>\$162.36</b>	<b>\$143.16</b>

811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S168	<b>Project Engineer I – Energy</b>	<p><b>Functional Description:</b>Project development - provides technical analysis and review for performance monitoring on contracts. Applies knowledge of technology and applications on assigned projects. <b>Minimum Experience:</b>Typically requires 5-6 years of related experience.<b>Minimum Education:</b>Knowledge and 5-6 years experience with HVAC, control, electrical systems and proficiency with energy analysis tools such as TRACE and system analyzer. Working knowledge of cost and savings studies incorporating energy conversation measures.</p>	\$114.77	\$134.12	\$162.36	\$143.16
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S169	<b>Project Engineer I – Controls</b>	<p><b>Functional Description:</b> Project development which includes applying engineering principles and practices on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly on the project team to assist with project commissioning. <b>Minimum Experience:</b> Typically requires 4-5 years of related experience. <b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 4-5 years related experience; or equivalent combination of education and experience.</p>	\$114.77	\$134.12	\$162.36	\$143.16



**Pricing of Labor Under 03FAC  
Facility Maintenance & Management Services**

SIN	Reference Number	Labor Category	Description	Proposed Renewal Year 5 GSA Ceiling Rate (per Hour) with IFF effective 8/27/19			
				West	Central	Northeast	Southeast
811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S020	<b>HVAC Field Technician</b>	<p><b>Functional Description:</b> Responsible for retrofit and repair of environmental-comfort systems, utilizing knowledge of air conditioning theory, pipe fitting, and mechanical layouts.</p> <p><b>Minimum Experience:</b> Typically requires 5 years of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from a Technical/Trade School with a certificate in Heating, Ventilation, and Air Conditioning and five (5) years related experience; or seven (7) years related experience; or equivalent combination of education and experience.</p>	\$159.24	\$194.16	\$193.68	\$149.05
811-002, 811-005, 003-097	S021	<b>HVAC Field Technical – Apprentice</b>	<p><b>Functional Description:</b> Assists HVAC Field Technicians in the installation and repair of environmental control systems, utilizing knowledge of refrigeration theory, control systems, pipe fitting, and structural layouts.</p> <p><b>Minimum Experience:</b> Typically requires 6 months of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school with a certificate in Heating, Ventilation, and Air Conditioning; or six months to one-year related experience and/or training; or equivalent combination of education and experience.</p>	\$138.28	\$167.24	\$154.11	\$137.47
811-002, 811-005, 003-097	S022	<b>HVAC Field Technician – Team Leader</b>	<p><b>Functional Description:</b> Performs and directs HVAC Field Technicians who accomplish the repair/retrofit/replacement installation of environment comfort systems, utilizing knowledge of air conditioning theory, pipe fitting and mechanical layouts.</p> <p><b>Minimum Experience:</b> Typically requires 5 years of related experience.</p> <p><b>Minimum Education:</b> Associate's degree or equivalent from two-year college or technical school with a certificate in Heating, Ventilation, and Air Conditioning; and five (5) years HVAC experience, or equivalent combination of education and experience. Must have knowledge of various HVAC products, systems, electronics, and pneumatic controls.</p>	\$199.56	\$203.49	\$226.77	\$178.81

811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S049	<b>HVAC Field Technician – Senior</b>	<b>Functional Description:</b> Applies training, knowledge and experience of HVAC systems at a Journeyman level HVAC Service Technician. Performs all work in the service and maintenance field on all major types of equipment, and is responsible for retrofit and repair of environmental-comfort systems, utilizing knowledge of air conditioning theory, pipe fitting, and mechanical layouts. <b>Minimum Experience:</b> Typically requires 7 years of related experience. <b>Minimum Education:</b> Associate's degree (A.A.) or equivalent from a technical / trade school with a certificate in Heating, Ventilation, and Air Conditioning and seven (7) years related experience; or ten (1) years related experience; or equivalent combination of education and experience.	<b>\$183.31</b>	<b>\$196.78</b>	<b>\$202.10</b>	<b>\$164.24</b>
811-002, 811-005, 003-097	S118	<b>Project Administrator – Service</b>	<b>Functional Description:</b> Possesses project documentation, materials, job costing, status monitoring, invoicing, and administrative closeout of a service project. This position is required to closely interact with the Project Manager and assigned project staff to ensure the timely completion of services scope of work. <b>Minimum Experience:</b> Typically requires 6 months of related experience. <b>Minimum Education:</b> One-year certificate from college or technical school; or six (6) months to two (2) years or related experience and/or training; or equivalent combination of education and experience. Familiarity with the operation of Energy Management Systems, HVAC Systems, and/or Temperature Controls preferred.	<b>\$133.31</b>	<b>\$130.50</b>	<b>\$125.45</b>	<b>\$124.19</b>
811-002, 811-005, 003-097	S154	<b>Service Helper</b>	<b>Functional Description:</b> Assists HVAC Field Technicians in routine maintenance and inspections on existing systems. <b>Minimum Experience:</b> Typically requires 1 year of related experience involving building trades or operation and service to buildings or HVAC. <b>Minimum Education:</b> High School Diploma or GED.	<b>\$135.62</b>	<b>\$135.69</b>	<b>\$140.71</b>	<b>\$139.74</b>

811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S082	<b>Project Engineer II – Controls</b>	<p><b>Functional Description:</b> Performs hardware and software design activities for building automation systems. Applies engineering principles and practices for work on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly on the project team to assist the Project Manager with project commissioning.</p> <p><b>Minimum Experience:</b> Typically requires 3-6 years of related experience.</p> <p><b>Minimum Education:</b> Bachelor's degree in Engineering and 3-4 years experience; or Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 5-6 years related experience; or equivalent combination of education and experience.</p>	<b>\$285.03</b>	<b>\$177.51</b>	<b>\$177.85</b>	<b>\$203.56</b>
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S083	<b>Project Engineer II – Energy</b>	<p><b>Functional Description:</b> Performs technical analysis, review, measurement, and verification of financially guaranteed projects. Provides technical analysis and review for performance monitoring or contracts, and applies engineering principles and practices on assigned projects.</p> <p><b>Minimum Experience:</b> Typically requires 3 years of related experience.</p> <p><b>Minimum Education:</b> Bachelor's degree in Engineering and three (3) years experience; or equivalent combination of education and experience. Knowledge and experience with HVAC, control, electrical systems and proficiency with energy analysis tools such as TRACE and system analyzer. Working knowledge of cost and savings studies incorporating energy conservation measures.</p>	<b>\$288.70</b>	<b>\$213.49</b>	<b>\$247.69</b>	<b>\$204.14</b>
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S084	<b>Project Engineer II – Systems</b>	<p><b>Functional Description:</b> Performs complex planning, estimating and design activities for the layout of equipment, commercial and industrial facilities. Determines the scope of projects, estimates cost, designs and documents HVAC and electrical systems and procures components. Works directly on the project team to assist the Project Manager with project commissioning.</p> <p><b>Minimum Experience:</b> Typically requires 3-6 years of related experience.</p> <p><b>Minimum Education:</b> Bachelor's degree in Engineering and 3-4 years related experience; or Associate's degree (A.A.) or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 5-6 years related experience; or equivalent combination of education and experience.</p>	<b>\$288.70</b>	<b>\$209.78</b>	<b>\$247.69</b>	<b>\$204.14</b>

811-003, 003-097	S085	<b>Project Manager – Controls</b>	<p><b><u>Functional Description:</u></b>  Manages all aspects of HVAC control projects, from beginning to end, with direct responsibility for project execution while leading a team, or teams, to accomplish specific objectives in a given time frame and with available resources. Responsible for the administration, implementation, and management of HVAC control projects. Ensures assigned projects' scope of work, schedule, and budget are achieved.</p> <p><b><u>Minimum Experience:</u></b>  Typically requires 2-6 years of related experience.</p> <p><b><u>Minimum Education:</u></b>  Bachelor's degree in Electrical or Mechanical Engineering or Construction Management with a minimum of two (2) years of project management, controls, HVAC or related experience, or a minimum of six (6) years of project management, controls, HVAC or related experience; or an equivalent combination of education and experience.</p>	<b>\$230.98</b>	<b>\$217.40</b>	<b>\$197.41</b>	<b>\$202.44</b>
811-003, 003-097	S089	<b>Project Manager – Contracts</b>	<p><b><u>Functional Description:</u></b>Manages all aspects of HVAC contract projects, from beginning to end, with direct responsibility for project execution while leading a team, or teams, to accomplish specific objectives in a given time frame and with available resources. Responsible for the administration, implementation, and management of control projects. Accountable for assigned projects' scope of work, schedule, and budget.</p> <p><b><u>Minimum Experience:</u></b>Typically requires 2-6 years of related experience.</p> <p><b><u>Minimum Education:</u></b>Bachelor's degree in Electrical or Mechanical Engineering or Construction Management with a minimum of two (2) years of project management, HVAC (systems, equipment, installation or service) or related experience, or a minimum of six (6) years or project management, HVAC (systems, equipment, installation, or service) or related experience; or an equivalent combination of education and experience.</p>	<b>\$246.76</b>	<b>\$205.33</b>	<b>\$215.73</b>	<b>\$203.08</b>



811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S104	<b>Project Engineer Team Leader</b>	<p><b>Functional Description:</b> Performs hardware and software design activities for building automation systems. Applies engineering principles and practices for work on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly with the project team to assist with project commissioning. Directs and assists other project engineers on the team related to opportunities and obstacles in managing the engineering workload. Possesses a familiarity with the concepts of new construction, renovation/retrofit; performance contracting, and service project management.</p> <p><b>Minimum Experience:</b> Typically requires 2-4 years of related experience.</p> <p><b>Minimum Education:</b> Bachelor's degree in engineering and two (2) to three (3) years experience; or Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and three (3) to four (4) years related experience; or equivalent combination of education and experience.</p>	\$288.70	\$217.12	\$247.69	\$204.14
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S119	<b>Project Administrator – Contracting</b>	<p><b>Functional Description:</b>Responsible for project set-up, document control, data entry, billing, contract monitoring, and administrative closeout of each project. This position is required to closely interact with the Project Manager and assigned project staff to assist with the timely completion of each project.<b>Minimum Experience:</b>Typically requires 6 months of related experience.<b>Minimum Education:</b>One-year certificate from college or technical school; or six (6) months of related experience and/or training; or equivalent combination of education and experience. Familiarity with the operation of Energy Management Systems, HVAC Systems and/or Temperature Controls preferred.</p>	\$127.32	\$137.77	\$155.48	\$138.25
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S120	<b>Computer Aided Drafter</b>	<p><b>Functional Description:</b> Responsible for creating computer aided design (CAD) drawings using standard CAD digitizing techniques and skills. Also responsible for the system graphics required to support automation systems design.</p> <p><b>Minimum Experience:</b> Typically requires 6 months of related experience.</p> <p><b>Minimum Education:</b> Associate's degree from college or technical school in Computer-Aided Design or Drafting; or at least six (6) months related experience and/or training; or equivalent combination of education and experience. Working knowledge of AutoCAD or other computer aided design, Microsoft Office software required.</p>	\$136.64	\$113.15	\$131.75	\$110.11

811-002, 811-005, 871-204, 871-206, 871-207, 003-097	S121	<b>Controls Technician</b>	<p><b><u>Functional Description:</u></b> Performs more complex commissioning, diagnosis, and repair of environmental-control systems, utilizing knowledge of electronics, direct digital control, airflow, hydronics, refrigeration theory, and control techniques.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 6 months of related experience.</p> <p><b><u>Minimum Education:</u></b> Associate's degree or equivalent from two-year college or technical school or six (6) months experience in control systems; or equivalent combination of education and experience.</p>	\$178.91	\$165.58	\$194.16	\$171.23
811-002, 811-005, 003-097	S152	<b>Controls Technician – Entry Level</b>	<p><b><u>Functional Description:</u></b> Performs and assists under direction complex commissioning, diagnosis, and repair of environmental-control systems, utilizing knowledge of electronics, direct digital control, airflow, hydronics, refrigeration theory, and control techniques. Performs these tasks on simple control projects. <b><u>Minimum Experience:</u></b> Typically requires 6 months of related experience. <b><u>Minimum Education:</u></b> Associate's degree or equivalent from two-year college or technical school or six (6) months experience in control systems; or equivalent combination of education and experience.</p>	\$178.91	\$142.72	\$159.64	\$171.22
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S167	<b>Project Engineer I – Systems</b>	<p><b><u>Functional Description:</u></b> Project development - Performs planning, estimating and design activities for the layout of equipment, commercial and industrial facilities. Assists in determining the scope of projects, estimates cost, designs and documents HVAC and electrical systems and procures components. Works directly on the project team to assist the Project Manager with project commissioning.</p> <p><b><u>Minimum Experience:</u></b> Typically requires 4-5 years of related experience.</p> <p><b><u>Minimum Education:</u></b> Associate's degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 4-5 years related experience; or equivalent combination of education and experience.</p>	\$118.79	\$138.81	\$168.04	\$148.17

811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S168	<b>Project Engineer I – Energy</b>	<p><b>Functional Description:</b>Project development - provides technical analysis and review for performance monitoring on contracts. Applies knowledge of technology and applications on assigned projects. <b>Minimum Experience:</b>Typically requires 5-6 years of related experience.<b>Minimum Education:</b>Knowledge and 5-6 years experience with HVAC, control, electrical systems and proficiency with energy analysis tools such as TRACE and system analyzer. Working knowledge of cost and savings studies incorporating energy conversation measures.</p>	<b>\$118.79</b>	<b>\$138.81</b>	<b>\$168.04</b>	<b>\$148.17</b>
811-003, 871-202, 871-204, 871-206, 871-207, 871-209, 003-097	S169	<b>Project Engineer I – Controls</b>	<p><b>Functional Description:</b> Project development which includes applying engineering principles and practices on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly on the project team to assist with project commissioning. <b>Minimum Experience:</b> Typically requires 4-5 years of related experience. <b>Minimum Education:</b> Associate’s degree or equivalent from two-year college or technical school in electrical engineering and a certificate in HVAC or AAS and BAS in electrical engineering and 4-5 years related experience; or equivalent combination of education and experience.</p>	<b>\$118.79</b>	<b>\$138.81</b>	<b>\$168.04</b>	<b>\$148.17</b>