

Project Title: **Upgrade Electric Propulsion Research Building 16 (Phase 2)** Location: _____ Contractor: _____ Lead Designer: _____

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	01104	SD-07 Schedules	1.3.1									
		Site Specific Health and Safety Plan		G								
		Site Specific Work Plan		G								
	01110	SD-01 Data	1.8.1									
		Utility Outages		G								
		Connection Requests		G								
		Borrow Permits		G								
		Excavation Permits		G								
		Welding Permits		G								
		Burning Permits		G								
	01411	SD-06 Instructions	1.13									
		Gas Protection										
	01411	SD-07 Schedules	1.3.1									
		Safety Plan		G								
		Protection Plan		G								
		License Certificates										
	01780	SD-01 Data	1.4									
		Reproducible Drawings										
		CAD System Drawings										
	01780	SD-02 Manufacturer's Catalog Data	1.4									
		As-Built Drawings										
	01780	SD-03 Manufacturer's Standard	1.4									
		Color Charts										
		Spare Parts Data										
	01780	SD-07 Schedules	1.4									
		Work Plan										
	01780	SD-08 Statements	1.4									
		Preventative Maintenance										
		Condition Monitoring (Predictive Testing)										
		Inspection										
		Posted Instructions										

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	01780	SD-10 Test Reports Operation and Maintenance Manuals	3.1									
	02220	SD-01 Data Existing Conditions Utility Outages Traffic Interruptions	1.4									
	02220	SD-07 Schedules Demolition Plan	1.3									
	02238	SD-07 Schedules Certificates of Compliance	1.2									
	02311	SD-01 Data Records of Existing Conditions Location of Underground Utilities Location of Approved Utilities Location of Test Location of Inspection	1.6									
	02311	SD-02 Manufacturer's Catalog Data As-Built Drawings Drawings	1.5									
	02311	SD-06 Instructions Soil Test	3.13									
	02311	SD-07 Schedules Demolition Plan Work Plan Protection Plan Proposed Soil Materials Compost	1.4									
	02312	SD-01 Data Records of Existing Conditions Location of Underground Utilities Location of Approved Utilities	1.2									

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	02312	Location of Test										
		Location of Inspection										
	02312	SD-02 Manufacturer's Catalog Data	1.2									
		As-Built Drawings										
		Drawings										
	02312	SD-06 Instructions	1.2									
		Soil Test										
	02312	SD-07 Schedules	1.2									
		Demolition Plan										
		Work Plan										
		Protection Plan										
		Proposed Soil Materials										
		Compost										
	02575	SD-01 Data	1.3									
		Materials										
		Equipment										
	02575	SD-13 Certificates	1.3									
		Certificates of Compliance										
	03300	SD-02 Manufacturer's Catalog Data	1.4									
		Installation Drawings										
		Steel Reinforcement										
		Steel Reinforcement										
		Accessories										
		Accessories										
	03300	SD-05 Design Data	2.1									
		Mix design data										
	03300	SD-06 Instructions	2.1									
		Slump										
		Slump										
		Air-Entrainment										
		Compressive Strength										
		Compressive Strength										

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	03300	SD-07 Schedules	3.4									
		Bill of Lading										
		Ready-Mix Concrete										
		Ready-Mix Concrete										
	04220	SD-07 Schedules	2.1									
		Concrete Masonry Units										
		Mortar										
		Sand										
		Pea Gravel										
		Lime										
		Grout										
		Reinforcement										
	05120	SD-02 Manufacturer's Catalog Data	1.8									
		Fabrication Drawings										
		Structural Steel										
		Structural Steel										
		Accessories										
		Installation Drawings										
	05120	SD-03 Manufacturer's Standard	2.5									
		Color Charts										
		Bolts and Nuts										
		Bolts and Nuts										
		Bolts and Nuts										
		Bolts and Nuts										
		Washers										
		Washers										
		Washers										
		Primer										
		Welding Electrodes and Rods										
		Shrink-Resistant Grout										
	05120	SD-07 Schedules	1.4									
		Welding Procedures										

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	05120	Welder Qualifications										
		Structural Steel										
		Structural Steel										
		Washers										
		Washers										
		Washers										
		Bolts and Nuts										
		Bolts and Nuts										
		Bolts and Nuts										
		Bolts and Nuts										
	05311	SD-02 Manufacturer's Catalog Data	1.2.2									
		Metal Floor Deck Units										
		Metal Floor Deck Units										
		Metal Cover Plates										
		Metal Closures										
		Installation Drawings										
	05311	SD-03 Manufacturer's Standard	1.4									
		Color Charts										
		Welder Qualifications										
		Welding Equipment										
		Welding Rods and Accessories										
	05311	SD-04 Drawings	1.2.2									
		Metal Floor Deck Units										
		Metal Floor Deck Units										
	05311	SD-07 Schedules	1.3									
		Welding Procedures										
		Welder Qualifications										
	05311	SD-08 Statements	1.6									
		Installation Instructions										
	05312	SD-02 Manufacturer's Catalog Data	2.8.1									
		Roof Deck Units										
		Roof Sump Pans										

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	05312	Cant Strips										
		Ridge and Valley Plates										
		Metal Closure Strips										
		Metal Deck Units										
	05312	SD-03 Manufacturer's Standard	1.4									
		Color Charts										
		Welding Equipment										
		Welding Rods and Accessories										
	05312	SD-04 Drawings	2.8									
		Metal Roof Deck Unit										
		Flexible Closure Strip										
	05312	SD-07 Schedules	1.4									
		Welding Procedures										
		Metal Roof Deck Unit										
		Welder Qualifications										
		Joint Sealing Material										
		Galvanizing Repair Paint										
		Flexible Closure Strips										
	05312	SD-08 Statements	1.6									
		Installation Instructions										
		Installation Instructions										
	05510	SD-02 Manufacturer's Catalog Data	2.1									
		Iron and Steel Hardware										
		Steel Shapes, Plates, Bars and Strips										
		Metal Stairs										
		Metal Stairs										
	05510	SD-03 Manufacturer's Standard	2.2									
		Color Charts										
		Structural Steel Plates, Shapes, and Bars										
		Structural Steel Tubing										

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	05510	Hot-Rolled Carbon Steel Sheets and Strips										
		Cold Finished Steel Bars										
		Hot-Rolled Carbon Steel Bars										
		Cold-Rolled Carbon Steel Sheets										
		Galvanized Carbon Steel Sheets										
		Cold-Drawn Steel Tubing										
		Gray Iron Castings										
		Malleable Iron Castings										
		Concrete Inserts										
		Masonry Anchorage Devices										
		Protective Coating										
		Steel Pan Stairs										
	05510	SD-07 Schedules	1.3									
		Welding Procedures										
		Welder Qualification										
	05510	SD-08 Statements	2.2									
		Structural Steel Plates, Shapes, and Bars										
		Structural Steel Tubing										
		Hot-Rolled Carbon Steel Sheets and Strips										
		Cold Finished Steel Bars										
		Hot-Rolled Carbon Steel Bars										
		Cold-Rolled Carbon Steel Sheets										
		Galvanized Carbon Steel Sheets										
		Cold-Drawn Steel Tubing										
		Gray Iron Castings										
		Malleable Iron Castings										
		Protective Coating										
		Masonry Anchorage Devices										

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	07210	SD-03 Manufacturer's Standard Color Charts	1.2									
		Glass Fiber Insulation Batts and Rolls										
	07210	SD-04 Drawings	2.1.1									
		Glass-Fiber Insulation Batts										
	07220	SD-03 Manufacturer's Standard	1.2									
		Color Charts										
		Manufacturer's Catalog Data										
		Thermal Insulation Materials										
		Deck Primer										
		Sheathing Paper										
		Fastening Materials										
		Insulation Adhesives										
	07220	SD-04 Drawings	1.2									
		high-density fiber roof insulation										
		rigid foam roof insulation										
	07220	SD-08 Statements	1.2									
		Manufacturer's Instructions										
		Roof Insulation										
	07512	SD-03 Manufacturer's Standard	1.2									
		Color Charts										
		Manufacturer's Catalog Data										
		Roofing Felts										
		Bituminous Plastic Cement										
		Cants										
		Aggregate Surfacing										
		Roof Walkways										
		Adhesives										
		Flashing Sheet										
	07512	SD-07 Schedules	1.2									
		certificate										

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	07512	Manufacturer's Roofing System Warranty										
	07600	SD-02 Manufacturer's Catalog Data Minimum Dimensions and Thicknesses Miscellaneous Components Flashing Sheet Metal	2.1.2									
	07600	SD-07 Schedules Fasteners Solder Materials Cement Sealing Compound Aluminum Stainless Steel	2.4									
	07920	SD-03 Manufacturer's Standard Color Charts Flexible Cellular Backing Bond-Preventative Material Primer Oil and Resin-Based Sealants Elastomeric Sealants Latex Sealants Butyl Rubber Based Sealants Silicon Rubber Based Sealants Solvents and Cleaning Agents	2.1.1									
	07920	SD-04 Drawings Sealing Compound Labels Backup Material	1.2									
	07920	SD-07 Schedules Flexible Cellular Backing	2.1.1									

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	07920	Bond-Preventative Material Primer										
		Solvents and Cleaning Agents										
	07920	SD-08 Statements	2.4									
		Manufacturer's Installation										
		Thermoplastic Sealing Compound										
		Two-Component Elastomeric Sealant										
	08331	SD-02 Manufacturer's Catalog Data	2.1									
		Overhead Coiling Doors										
		Counterbalancing Mechanism										
		Manual Door Operators										
		Electric Door Operators										
		Installation Drawings										
	08331	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Overhead Coiling Doors										
		Hardware										
		Counterbalancing Mechanism										
		Manual Door Operators										
		Electric Door Operators										
		Fire-Rated Doors										
	08331	SD-05 Design Data	2.1									
		Overhead Coiling Doors										
		Hardware										
		Counterbalancing Mechanism										
		Manual Door Operators										
		Electric Door Operators										
		Fire-Rated Doors										
	08331	SD-10 Test Reports	1.6									
		Operation and Maintenance										
		Manuals										

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	08331	Overhead Coiling Door Assemblies										
	08710	SD-01 Data	1.3									
		Finish Schedule										
		Hardware Schedule										
		Material, Equipment and Fixture Lists										
		Finish Hardware										
	08710	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Fasteners										
		Hinges										
		Locksets										
		Exit Devices										
		Pulls and Push Plates										
		Thresholds										
		Lever Extension Flush Bolts										
		Closers										
		Astragals										
		Coordinating Device										
		Door Holders										
		Door Stops										
		Door Silencers										
		Metal Kick Plates										
		Metal Mop Plates										
		Metal Armor Plates										
		Door-Sill Weatherstripping										
		Rain drips										
		Meeting Rails										
	08805	SD-03 Manufacturer's Standard	1.2									
		Color Charts										
		Clear Float Glass										
		Safety Rated Tempered Glass										

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	08805	Fire-Rated Wired Glass										
	09250	SD-03 Manufacturer's Standard	2.4									
		Color Charts										
		Joint Tape										
		Joint Compound										
		Metal Trim										
		Metal Accessories										
		Fasteners										
		Adhesive										
		Regular Gypsum Wallboard										
		Fire-Retardant Gypsum Wallboard										
		Moisture-Resistant Gypsum										
		Backing Board										
		Metal Framing Materials										
		Joint Materials										
	09260	SD-03 Manufacturer's Standard	2.1.3									
		Color Charts										
		Gypsum Wallboard										
		Gypsum Wallboard										
		Furring										
		Hangers and Inserts										
		Suspension										
		Channels										
		Resilient Channels										
		Joint Tapes										
		Compounds										
		Steel-Stud Framing										
		Metal-Framed Drywall Ceilings										
		Fasteners										
		Adhesives										
		Floor and Ceiling Runners										
		Special Framed Openings										

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	09260	Rated Wallboard Assemblies										
	09260	SD-04 Drawings	2.1.3									
		Gypsum Wallboard										
		Gypsum Wallboard										
		Steel-Stud Framing										
		Fasteners										
		Trim										
	09260	SD-07 Schedules	1.2									
		Certificates										
	09510	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Fire-Rated Ceiling Systems										
		Acoustic Materials										
		Suspension System Materials										
	09510	SD-04 Drawings	1.3									
		Acoustic Units										
		Suspension System Members										
		Anchorage Devices										
		Fasteners										
	09510	SD-08 Statements	2.2									
		Acoustic Materials										
		Suspension Systems										
	09650	SD-03 Manufacturer's Standard	2.1.2									
		Color Charts										
		Vinyl Composition Tile										
		Base										
		Vinyl Reducer Strips										
		Substrate Primer/Sealer										
		Adhesive										
	09650	SD-04 Drawings	1.4									
		Manufacturer's Standard Color										
		Charts										

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	09650	SD-08 Statements Manufacturer's Instructions Preventive Maintenance and Inspection	1.4									
	09915	SD-04 Drawings Manufacturer's Standard Color Charts	2.1									
	10160	SD-02 Manufacturer's Catalog Data Fabrication Drawings Installation Drawings	1.2									
	10160	SD-03 Manufacturer's Standard Color Charts Galvanized Steel Sheet Sound Deadening Cores Partition Panels and Doors Anchoring Devices and Fasteners Hardware and Fittings Brackets Door Hardware Overhead-Braced Partitions	2.1									
	10160	SD-04 Drawings Partition Panels Partition Panels Hardware and Fittings Anchoring Devices and Fasteners	2.3									
	10160	SD-07 Schedules Certification	1.2									
	10800	SD-03 Manufacturer's Standard Color Charts Mirror Glass Mounting Devices and Fasteners Paper Towel Dispensers	2.3									

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	10800	Waste Receptacle										
		Feminine Napkin Dispenser										
		Feminine Napkin Disposal										
		Toilet Tissue Dispenser										
		Liquid-Soap Dispenser										
		Shelf										
		Framed Mirrors										
		Grab Bars										
		Robe Hook										
	10800	SD-04 Drawings	2.5									
		Samples										
	13030	SD-02 Manufacturer's Catalog Data	1.4									
		Fabrication Drawings										
		Installation Drawings										
		Doors										
		Modular Walls										
		Modular Wall Support System										
		Windows										
		Ceiling System										
	13030	SD-03 Manufacturer's Standard	1.2									
		Color Charts										
		Modular Walls										
		Hinged Doors										
		Hardware										
		Service Windows										
		Miscellaneous Items										
	13030	SD-04 Drawings	1.4									
		Manufacturer's Standard Color										
		Charts										
	13030	SD-08 Statements	1.4									
		Manufacturer's Instructions										
	13280	SD-08 Statements	1.2									

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	13280	Remediation Contractor										
		Qualifications/Regulatory Violations										
		Remediation Contractor Personnel										
		Qualifications										
		Qualifications of Testing Laboratory										
	13280	SD-09 Reports	1.2									
		Certified Air Monitor Report										
	13280	SD-13 Certificates	1.2									
		Certification of training										
		(AIHA) accreditation certificate										
		Training Certification and accreditation certificates										
		respirator fit, training, and medical examinations										
		State License for waste hauler										
	13281	SD-02 Manufacturer's Catalog Data	3.1.4									
		Local exhaust equipment										
		Vacuums										
		Respirators										
		Pressure differential automatic recording instrument										
		Amended water										
		Material Safety Data Sheets (MSDS) for all materials										
		Encapsulants										
	13281	SD-08 Statements	1.4.2.1									
		Asbestos hazard abatement plan										
		Testing laboratory										
		Private qualified person documentation										
		Landfill approval										
		Employee training										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	13281	Medical certification										
		Waste shipment records										
		Respiratory Protection Program										
		Hazardous waste manifest										
	13281	SD-12 Field Test Reports	1.4.3.1									
		Air sampling results										
		Pressure differential recordings for local exhaust system										
		Asbestos disposal quantity report										
		Encapsulation test patches										
		Clearance sampling										
	13281	SD-13 Certificates	3.1.5									
		Vacuums										
		Water filtration equipment										
		Ventilation systems										
		equipment used to contain airborne asbestos fibers										
		encapsulants										
	13281	SD-18 Records	1.4.5.1									
		Notifications										
		Rental equipment										
		Respirator program records										
		Permits and licenses										
	13282	SD-02 Manufacturer's Catalog Data	1.7.4									
		Vacuum filters										
		Respirators										
	13282	SD-06 Instructions	2.1									
		Chemicals										
		Materials										
		Material safety data sheets										
	13282	SD-08 Statements	1.5.3.1									
		Qualifications of CP										

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	13282	Testing laboratory and consultant										
		Lead based paint removal plan										
		Rental equipment notification										
		Respiratory protection program										
		Hazard communication program										
		disposal facility										
		Hazardous waste management plan										
	13282	SD-12 Field Test Reports	1.5.4.1									
		Sampling results										
	13282	SD-13 Certificates	1.7.4									
		Vacuum filters										
	13282	SD-18 Records	3.2.5									
		manifest										
		medical examinations										
		training certification										
	13852	SD-01 Data	1.3									
		Equipment Data Lists										
	13852	SD-03 Manufacturer's Standard	1.3									
		Color Charts										
		Technical Specification Sheets										
		Cut Sheets										
		Installation Guides										
		Instructions										
		Design Manuals										
	13852	SD-06 Instructions	1.3									
		NFPA 72 Record of Completion										
		NFPA 72 Test Methods										
		NFPA 72 Inspection and Testing Form										
	13852	SD-07 Schedules	1.3									
		State of Ohio fire alarm license										

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	13852	Siemens fire alarm system certification										
	13930	SD-01 Data Records of Existing Conditions	1.2									
	13930	SD-02 Manufacturer's Catalog Data Piping Materials Supporting Elements Fire-Department Connections Fire Alarm System Compressor Sprinkler Heads Valves Underground Piping Materials	1.3									
	13930	SD-03 Manufacturer's Standard Color Charts Underground Piping Materials Aboveground Piping Materials Valves Fire-Department Connections Riser Alarm Equipment Air Compressor Standpipe Equipment and Fire Hose Cabinet Stations Sprinkler Heads Miscellaneous Materials Supporting Elements Equipment and Performance Data	2.2									
	13930	SD-05 Design Data Design Analysis and Hydraulic Calculations	1.2									
	13930	SD-06 Instructions Pressure Tests	3.10.2									

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	13930	Pressure Tests										
		System Operating Tests										
		Air Tests										
		Valve-Operating Tests										
		Drainage Tests										
	14240	SD-02 Manufacturer's Catalog Data	1.3									
		Connection Diagrams										
		Fabrication Drawings										
		Schematics										
		Installation Drawings										
	14240	SD-03 Manufacturer's Standard	1.2									
		Color Charts										
		Car Frame and Platform										
		Power Unit										
		Motor										
		Pump										
		Valves										
		Holeless Dual Cylinders										
		Tanks										
		Entrances										
		Doors										
		Operation and Control Systems										
	14240	SD-06 Instructions	3.2.2									
		Continuous-Operating Test										
		Temperature Rise Test										
		Acceptance Inspection										
		Hydraulic oil purity tests										
	14240	SD-07 Schedules	3.2.2									
		Results of Tests										
	14240	SD-10 Test Reports	3.3									
		Operation and Maintenance										
		Manuals										

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	14602A	SD-02 Manufacturer's Catalog Data Detailed Drawings	1.5.1.5									
	14602A	SD-03 Manufacturer's Standard Color Charts Hoist Hook Assembly Heat Treatment Materials and Equipment Hoist	2.2.3									
	14602A	SD-06 Instructions Electrification System Tests Acceptance Testing	1.3	G								
	14602A	SD-07 Schedules Hoist Jib Framework Motor Controller Electric Hoists Wiring Contact Conductors Hoist Controls Overcurrent Protection Grounding	2.1									
	14602A	SD-10 Test Reports Operating and Maintenance Instructions	3.4	G								
	15050	SD-01 Data Material, Equipment, and Fixture Lists Records of Existing Conditions	1.2									
	15050	SD-02 Manufacturer's Catalog Data As-Built Drawings Connection Diagrams Coordination Drawings	2.1									

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15050	Fabrication Drawings										
		Installation Drawings										
	15050	SD-03 Manufacturer's Standard	2.2									
		Color Charts										
		Pipe and Fittings										
		Pipe and Fittings										
		Piping Specialties										
		Piping Specialties										
		Valves										
		Valves										
		Miscellaneous Materials										
		Miscellaneous Materials										
		Supporting Elements										
		Supporting Elements										
		Equipment Foundation Data										
	15050	SD-04 Drawings	1.2									
		Manufacturer's Standard Color Charts										
	15050	SD-05 Design Data	2.2									
		Pipe and Fittings										
		Piping Specialties										
		Valves										
	15050	SD-06 Instructions	3.1									
		Hydrostatic Tests										
		Air Tests										
		Valve-Operating Tests										
		Drainage Tests										
		Pneumatic Tests										
		Non-Destructive Electric Tests										
		System Operation Tests										
	15050	SD-07 Schedules	1.2									
		Listing of Product Installations										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15050	Surface Resistance										
		Shear and Tensile Strengths										
		Temperature Ratings										
		Bending Tests										
		Flattening Tests										
		Transverse Guided Weld Bend Tests										
	15050	SD-10 Test Reports	3.12									
		Operation and Maintenance Manuals										
	15055	SD-03 Manufacturer's Standard	1.4									
		Color Charts										
		Welding Equipment										
		Welding Equipment										
		Welding Rods and Accessories										
	15055	SD-04 Drawings	1.3.1									
		Welder's Pre-Qualification Samples										
	15055	SD-06 Instructions	3.3.1									
		Radiographs										
	15055	SD-07 Schedules	1.3									
		Certified Welding Procedure Specifications										
		Certified Brazing Procedure Specifications										
		Certified Procedure Qualification Records										
		Certified Welder Performance Qualifications										
		Certified Brazer Performance Qualifications										
	15072	SD-02 Manufacturer's Catalog Data	1.2									
		Installation Drawings										

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	15072	Outline Drawings										
	15072	SD-03 Manufacturer's Standard	1.2									
		Color Charts										
		Equipment and Performance Data										
		Mountings										
		Bases										
		Isolators										
		Floor-Mounted Piping										
		Vertical Piping										
	15072	SD-06 Instructions	2.1									
		Type of Isolator										
		Type of Base										
		Allowable Deflection										
		Measured Deflection										
	15083	SD-02 Manufacturer's Catalog Data	3.1									
		Installation Drawings										
	15083	SD-03 Manufacturer's Standard	2.1.1									
		Color Charts										
		Adhesives										
		Coatings										
		Thermal-Insulation Materials										
		Jacketing Materials										
	15083	SD-04 Drawings	2.1.1									
		Adhesives										
		Coatings										
		Thermal-Insulation Materials										
		Jacketing Materials										
	15085	SD-02 Manufacturer's Catalog Data	3.1									
		Installation Drawings										
	15085	SD-03 Manufacturer's Standard	2.1.1									
		Color Charts										
		Adhesives										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15085	Coatings										
		Insulating Cement										
		Insulation Materials										
		Jacketing										
		Tape										
	15102	SD-01 Data	1.4									
		Material, Equipment, and Fixture Lists										
	15102	SD-02 Manufacturer's Catalog Data	1.4									
		Detail Drawings										
		Installation Drawings										
	15102	SD-06 Instructions	3.8									
		Test Reports										
	15106	SD-02 Manufacturer's Catalog Data	1.3									
		Installation Drawings										
	15106	SD-07 Schedules	2.1									
		Piping for Steam and Condensate										
		Piping for High-Pressure										
		Compressed-Air Systems										
		Fittings										
		Fittings										
		Unions										
		Unions										
		Flanges										
		Flanges										
		Gaskets										
		Gaskets										
		Bolting										
		Bolting										
	15107	SD-02 Manufacturer's Catalog Data	3.2									
		Installation Drawings										

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	15107	SD-03 Manufacturer's Standard Color Charts	1.4									
		Manufacturer's Catalog Data										
	15107	SD-07 Schedules Potable Water Systems Materials	1.4									
	15110	SD-02 Manufacturer's Catalog Data Fabrication Drawings	1.3									
		Valves										
		Accessories										
	15110	SD-07 Schedules Listing of Product Installation	1.3									
		Gate Valves										
		Globe and Angle Valves										
		Check Valves										
		Cone-Plug Balancing Valve										
		Eccentric Plug Valves										
		Ball Valves										
		Dial Cocks										
		Diaphragm Control and Instrument Valves										
	15119	SD-02 Manufacturer's Catalog Data Fabrication Drawings	1.3									
		Installation Drawings										
	15119	SD-07 Schedules Listing of Product Installation	1.3									
		Self-Contained Temperature Control Valves										
		Self-Contained Temperature-Regulator Valves										
		Rate-of-Flow Controller										
		Nonmodulating Float Valve										
		Water Pressure Regulating Valve										

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	15119	Water Pressure Relief Valve Pilot-Operated Pressure-Relief Valve Relief Valves for Electric Water Heaters										
	15120	SD-03 Manufacturer's Standard Color Charts Backflow Prevention Devices Backwater Valves Water-Hammer Arresters Wall Hydrants Water Filters Water Meters	2.1									
	15120	SD-02 Manufacturer's Catalog Data Plumbing Specialties Equipment Detail Drawings	1.3									
	15120	SD-07 Schedules Backflow Prevention Devices Backwater Valves Water-Hammer Arresters Wall Hydrants Water Filters Water Meters	2.1									
	15125	SD-03 Manufacturer's Standard Color Charts Manufacturer's Catalog Data	1.2									
	15125	SD-02 Manufacturer's Catalog Data Installation Drawings	1.2									
	15125	SD-07 Schedules Listing of Product Installation Steam Traps	1.2									

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15125	Trap Bodies and Components										
	15135	SD-03 Manufacturer's Standard	1.4									
		Color Charts										
		Equipment and Performance Data										
		Equipment Foundation Data										
	15135	SD-05 Design Data	1.4									
		Design Analysis and Calculations										
	15135	SD-06 Instructions	3.6									
		Hydraulic Tests										
		Efficiency Tests										
		Vibration										
		Output Efficiency										
		Surface Hardness Tests										
		Deflection Tests										
	15135	SD-07 Schedules	2.2									
		Base-Mounted Centrifugal Pumps										
		Line-Mounted Pumps										
		Accessories										
	15205	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Demineralized Water										
		Drying or Preservation Gas										
		Filter Discs										
		Trisodium Phosphate										
		Nitric Acid										
		Citric Acid										
		Muriatic Acid										
		Hydrofluoric Acid										
		Detergents										
		1,1,1 Trichloroethane										
		Tape										
		Polyethylene Film										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15205	Low Water-Vapor Transmission Film										
		Aluminum Foil										
	15205	SD-04 Drawings	2.12									
		Polyethylene Film										
		Certification Tags										
		Low Water-Vapor Transmission Film										
	15205	SD-06 Instructions	1.4									
		Inspection Records										
	15205	SD-07 Schedules	1.4									
		Inspection Facilities and Services										
		Contractor's Procedures										
		Contractor's Procedures										
	15211	SD-02 Manufacturer's Catalog Data	1.6									
		Installation Drawings										
	15211	SD-03 Manufacturer's Standard	1.4									
		Color Charts										
		Equipment and Performance Data										
		Aboveground Piping Materials										
		Piping Specialties										
		Supporting Elements										
		Air Compressors										
		Valves										
		Accessories										
		Accessories										
		Accessories										
		Miscellaneous Materials										
		Vibration Isolation										
	15211	SD-05 Design Data	1.4									
		Design Analysis and Calculations										
		Flow Rates										

Project Title:
Upgrade Electric Propulsion Research Building 16 (Phase 2)

Location:

Contractor:

Lead Designer:

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15211	Air Distribution										
		Pressure Requirements										
		Insulation Requirements										
		Equipment and Performance Data										
	15211	SD-06 Instructions	3.3.1									
		Hydrostatic Testing										
		compressed Air Systems Testing										
		Valve-Operating Tests										
		Drainage Tests										
		Pneumatic Testing										
	15211	SD-07 Schedules	2.1									
		Aboveground Piping Materials										
		Supporting Elements										
		Valves										
		Miscellaneous Materials										
	15211	SD-10 Test Reports	1.5									
		Operation and Maintenance										
		Manuals										
	15410	SD-01 Data	1.3									
		Records of Existing Conditions										
	15410	SD-02 Manufacturer's Catalog Data	1.3									
		Detail Drawings										
		Connection Diagrams										
	15410	SD-03 Manufacturer's Standard	2.2									
		Color Charts										
		Plumbing Fixtures and Trim										
		Sanitary Drain, Waste, and Vent										
		Fixtures										
	15410	SD-04 Drawings	2.1									
		Manufacturer's Standard Color										
		Charts										
	15410	SD-07 Schedules	3.1									

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15410	Listing of Product Installation										
		Plumbing Fixtures and Trim										
		Sanitary Drain, Waste, and Vent Fixtures										
	15410	SD-10 Test Reports	3.3									
		Operation and Maintenance Manuals										
	15445	SD-02 Manufacturer's Catalog Data	1.3									
		Connection Diagrams										
		Control Diagrams										
		Fabrication Drawings										
		Installation Drawings										
	15445	SD-03 Manufacturer's Standard	1.3									
		Color Charts										
		Manufacturer's Catalog Data										
	15445	SD-06 Instructions	3.2									
		Hydrostatic Leak										
		Static Heads										
		Pump Flow Capacity										
		Factory Vibration Data										
	15445	SD-07 Schedules	2.1									
		Wet-Pit Sump Pumps										
		Wet-Pit Sump Pumps										
		Submersible Pumps										
		Accessories										
	15445	SD-08 Statements	1.3									
		Manufacturer's Installation Instructions										
		Vibration Specifications										
	15626	SD-01 Data	1.3									
		Material, Equipment, and Fixture Lists										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15626	SD-02 Manufacturer's Catalog Data	2.1									
		Centrifugal Water Chiller										
		Compressor										
		Condenser										
		Cooler										
		Purge System										
		Motors										
		Control and Control Panels										
		Control Diagrams										
		As-Built Drawings										
	15626	SD-03 Manufacturer's Standard	1.3									
		Color Charts										
		Equipment Foundation Data										
		Centrifugal Water Chiller										
		Centrifugal Water Chiller										
		Compressor										
		Compressor										
		Condenser										
		Condenser										
		Cooler										
		Cooler										
		Purge System										
		Purge System										
		Motors										
		Motors										
		Equipment and Performance Data										
		Control and Control Panels										
		Insulation										
		Vibration Isolation										
		Special Tools										
		Spare Parts										
	15626	SD-04 Drawings	1.3									

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15626	Manufacturer's Standard Color Chart										
	15626	SD-05 Design Data	1.3									
		Design Analysis and Calculations										
	15626	SD-07 Schedules	3.1									
		Listing of Product Installation										
		Centrifugal Water Chiller										
		Compressor										
		Condenser										
		Cooler										
		Purge System										
		Motors										
		Control and Control Panels										
		Insulation										
		Vibration Isolation										
		Special Tools										
		Spare Parts										
	15626	SD-10 Test Reports	3.2									
		Operation and Maintenance										
		Manuals										
	15700	SD-01 Data	1.5									
		Material, Equipment, and Fixture										
		Lists										
	15700	SD-02 Manufacturer's Catalog Data	1.2.1									
		Connection Diagrams										
		Control Diagrams										
		Air Systems										
		Air Systems										
		Hydronic Systems										
		Hydronic Systems										
		Air-Hydronic Systems										
		Air-Hydronic Systems										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15700	Unitary Systems										
		Unitary Systems										
		Schematics										
		Valves										
		Air Diffusers										
		Chillers										
		Coils										
		Ductwork										
		Compressor										
		Heat Exchangers										
		Vibration Isolators										
		Condenser										
		Unit Heaters										
		Air Handling Units										
		Air-Conditioning Units										
		Mixing Boxes										
		Installation Drawings										
	15700	SD-03 Manufacturer's Standard	1.1									
		Color Charts										
		Air Diffusers										
		Fans										
		Chillers										
		Coils										
		Valves										
		Ductwork										
		Compressor										
		Heat Exchangers										
		Piping										
		Vibration Isolators										
		Insulation										
		Condenser										
		Unit Heaters										

Project Title: **Upgrade Electric Propulsion Research Building 16 (Phase 2)** Location: _____ Contractor: _____ Lead Designer: _____

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15700	Air Handling Units										
		Air-Conditioning Units										
		Mixing Boxes										
		Filters										
		Spare Parts										
		Accessories										
	15700	SD-04 Drawings	1.5									
		Manufacturer's Standard Color Chart										
	15700	SD-05 Design Data	1.2.1									
		Flow Rates										
		Air Distribution										
		Design Pressures and Losses										
		Fan and Pump Design Speeds										
		Sound and Comfort Design										
		Vibration Calculations										
		Insulation Requirements										
		Filter Requirements										
		Boiler and Chiller Design										
	15700	SD-06 Instructions	1.1									
		Pressure Tests										
		Vacuum Testing										
		Operating Test										
	15700	SD-08 Statements	1.1									
		Installation Instructions										
		Operating Instructions										
	15700	SD-10 Test Reports	1.1									
		Operation and Maintenance Manuals										
		Air Systems										
		Hydronic Systems										
		Air-Hydronic Systems										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15700	Unitary Systems										
	15720	SD-03 Manufacturer's Standard	1.2									
		Color Charts										
		Equipment and Performance Data										
		Unit Cabinet										
		Fan										
		Drain Pans										
		Insulation										
		Plenums										
		Multizone AHU										
		Blow-Through AHU										
		Spare Parts										
	15720	SD-02 Manufacturer's Catalog Data	3.1									
		Installation Drawings										
	15720	SD-07 Schedules	3.1									
		Listing of Product Installations										
		Unit Cabinet										
		Fan										
		Drain Pans										
		Insulation										
		Plenums										
		Multizone AHU										
		Blow-Through AHU										
		Spare Parts										
	15720	SD-10 Test Reports	3.3									
		Operation and Maintenance										
		Manuals										
	15725	SD-02 Manufacturer's Catalog Data	1.3									
		Fabrication Drawings										
	15725	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Equipment and Performance Data										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15725	Vibration Isolation										
		Type TC-F Tubular Centrifugal Fan										
		Type CSC-F, Carbon-Steel Centrifugal Fan										
		Type C-F Cabinet Fans										
		Shutters										
		Dampers										
		Bearings										
		Drives										
		Sheaves										
		Belts										
		Motor										
		Motor										
		Casing										
		Fan Inlet										
		Fan Wheel										
		Spare Parts										
	15725	SD-04 Drawings	1.3									
		Manufacturer's Standard Color Chart										
	15725	SD-05 Design Data	1.3									
		Design Analysis and Calculations										
	15725	SD-07 Schedules	3.1									
		Listing of Product Installations										
		Type TC-F Tubular Centrifugal Fan										
		Type CSC-F, Carbon-Steel Centrifugal Fan										
		Type C-F Cabinet Fans										
		Shutters										
		Dampers										
		Bearings										
		Drives										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15725	Sheaves										
		Belts										
		Casing										
		Enclosure										
		Motor										
		Motor										
		Fan Inlet										
		Fan Wheel										
		Spare Parts										
	15725	SD-10 Test Reports	3.2									
		Operation and Maintenance										
		Manuals										
	15762	SD-01 Data	1.3									
		Records of Existing Conditions										
	15762	SD-02 Manufacturer's Catalog Data	2.2									
		Coil										
		Coil Casings										
		Coil Headers										
		Coil Tubing										
		Coil Circuiting										
		Fabrication Drawings										
		As-Built Drawings										
		Installation Drawings										
	15762	SD-03 Manufacturer's Standard	1.3									
		Color Charts										
		Equipment and Performance Data										
		Steam Heating										
		Hot-Water Heating										
		Chilled-Water Cooling										
		Volatile Refrigerant Cooling										
	15762	SD-04 Drawings	1.3									

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15762	Manufacturer's Standard Color Chart										
	15762	SD-05 Design Data Design Analysis and Calculations	1.3									
	15762	SD-06 Instructions Pressure Tests Vacuum Tests	3.2									
	15762	SD-07 Schedules Coil Coil Casings Coil Headers Coil Tubing Coil Circuiting	2.2									
	15762	SD-10 Test Reports Operation and Maintenance Manuals	3.3									
	15764	SD-01 Data Material, Equipment, and Fixture Lists	1.3									
	15764	SD-02 Manufacturer's Catalog Data Fabrication Drawings Installation Drawings	1.3									
	15764	SD-03 Manufacturer's Standard Color Charts Equipment and Performance Data Coils Casing Enclosure Motors Fan Drain Pans Filters	1.3									

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15764	Controls										
		Vibration Isolation										
	15764	SD-04 Drawings	1.3									
		Manufacturer's Standard Color Chart										
	15764	SD-05 Design Data	1.3									
		Design Analysis and Calculations										
	15764	SD-07 Schedules	3.1									
		Listing of Product Installations										
		Coils										
		Casing										
		Enclosure										
		Motors										
		Fan										
		Drain Pans										
		Filters										
		Controls										
	15764	SD-10 Test Reports	3.3									
		Operation and Maintenance Manuals										
	15766	SD-01 Data	1.4									
		Material, Equipment, and Fixture List										
		Records of Existing Conditions										
	15766	SD-02 Manufacturer's Catalog Data	1.2									
		Heat Exchangers										
		Fans										
		Motors										
		Controls										
		Discharge Units										
		Propellers										
		Fresh Air Intakes										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15766	Control Diagrams										
		Propeller Unit Heaters										
		Cabinet Unit Heaters										
		Unit Ventilators										
	15766	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Propeller Unit Heaters										
		Cabinet Unit Heaters										
		Unit Ventilators										
		Casing										
		Heat Exchangers										
		Fans										
		Motors										
		Controls										
		Discharge Units										
		Propellers										
		Filters										
		Enclosures										
		Wall Sleeve										
		Fresh Air Intakes										
		Insulation										
		Spare Parts										
		Vibration Isolation										
	15766	SD-04 Drawings	2.1									
		Propeller Unit Heaters										
		Cabinet Unit Heaters										
		Unit Ventilators										
	15766	SD-07 Schedules	3.1									
		Listing of Product Installations										
		Heat Exchangers										
		Fans										
		Motors										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15766	Controls										
		Discharge Units										
		Propellers										
		Fresh Air Intakes										
	15766	SD-10 Test Reports	1.2									
		Gas Unit Heaters										
		Propeller Unit Heaters										
		Cabinet Unit Heaters										
		Unit Ventilators										
	15815	SD-01 Data	1.5									
		Records of Existing Conditions										
		Material, Equipment, and Fixture Lists										
	15815	SD-02 Manufacturer's Catalog Data	1.4									
		Connection Diagrams										
		Fabrication Drawings										
		Installation Drawings										
		As-Built Drawings										
	15815	SD-03 Manufacturer's Standard	1.4									
		Color Charts										
		Design Analysis and Calculations										
		Galvanized Steel Ductwork										
		Materials										
		Rigid Fibrous-Glass Ductwork										
		Materials										
		Flexible Duct Materials										
		Power Operated Dampers										
		Flexible Connectors										
		Flexible Connectors										
		Fire Dampers and Wall Collars										
		Gravity Backdraft and Relief										
		Dampers										

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Project Title: **Upgrade Electric Propulsion Research Building 16 (Phase 2)** Location: Contractor: Lead Designer:

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15815	Manual Volume Dampers										
	15815	SD-04 Drawings	1.4									
		Manufacturer's Standard Color Chart										
	15815	SD-06 Instructions	3.10									
		Operation Tests										
		Ductwork Leakage Tests										
	15815	SD-10 Test Reports	3.12									
		Operation and Maintenance Manuals										
		Power Operated Dampers										
		Fire Dampers and Wall Collars										
	15838	SD-02 Manufacturer's Catalog Data	3.1									
		Installation Drawings										
		As-Built Drawings										
	15838	SD-03 Manufacturer's Standard	1.3									
		Color Charts										
		Equipment and Performance Data										
		Housing										
		Fan										
		Motor										
		Bases										
		Roof Curbs										
		Dampers										
		Screens										
		Sound Baffles										
	15838	SD-06 Instructions	3.2									
		Tests										
	15840	SD-01 Data	1.3									
		Materials, Equipment, and Fixture Lists										
		Records of Existing Conditions										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15840	SD-02 Manufacturer's Catalog Data	1.2									
		Low-Pressure Dual-Duct Mixing Boxes										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Variable Constant-Volume Boxes										
		Variable Constant-Volume Boxes										
		Variable Constant-Volume Boxes										
		Spare Parts										
		As-Built Drawings										
	15840	SD-03 Manufacturer's Standard	1.2									
		Color Charts										
		Low-Pressure Dual-Duct Mixing Boxes										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Variable Constant-Volume Boxes										
		Variable Constant-Volume Boxes										
		Spare Parts										
		Spare Parts										
	15840	SD-04 Drawings	2.1									
		Terminal Reheat Units										
		Terminal Reheat Units										
		High-Pressure Dual-Duct Mixing Boxes										

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	15840	Low-Pressure Dual-Duct Mixing Boxes										
		Variable Constant-Volume Boxes										
	15840	SD-06 Instructions	1.2									
		Duct Mixing Boxes										
		Low Pressure Ductwork										
		Variable and Constant Volume Boxes										
		Terminal Reheat Units										
		Terminal Reheat Units										
	15840	SD-07 Schedules	3.1									
		Listing of Product Installations										
		Duct Mixing Boxes										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Terminal Reheat Units										
		Low-Pressure Dual-Duct Mixing Boxes										
		Variable Constant-Volume Boxes										
	15840	SD-10 Test Reports	3.3									
		Operation and Maintenance Manuals										
	15852	SD-01 Data	1.2									
		Material, Equipment, and Fixture Lists										
		Records of Existing Conditions										
	15852	SD-02 Manufacturer's Catalog Data	1.2									
		Fabrication Drawings										
		Installation Drawings										
	15852	SD-03 Manufacturer's Standard	1.3									
		Color Charts										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15852	Equipment and Performance Data										
	15852	SD-04 Drawings	1.2									
		Manufacturer's Standard Color Chart										
	15852	SD-10 Test Reports	1.4									
		Type TS Supply Troffer										
		Type TSR Combination Supply and Return Troffer										
	15855	SD-01 Data	1.3									
		Material, Equipment, and Fixture Lists										
	15855	SD-02 Manufacturer's Catalog Data	2.1									
		Fabrication Drawings										
		Installation Drawings										
	15855	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Equipment and Performance Data Ventilators										
		Bases										
		Bases										
		Curbs										
		Curbs										
		Dampers										
		Screens										
		Screens										
	15855	SD-04 Drawings	2.1									
		Manufacturer's Standard Color Chart										
	15855	SD-06 Instructions	3.2									
		Tests										
	15855	SD-07 Schedules	3.1									
		Listing of Product Installations										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15855	Ventilators										
		Bases										
		Bases										
		Curbs										
		Curbs										
		Dampers										
		Screens										
		Screens										
	15855	SD-10 Test Reports	3.4									
		Operation and Maintenance										
		Manuals										
	15865	SD-02 Manufacturer's Catalog Data	3.2									
		Installation Drawings										
	15865	SD-03 Manufacturer's Standard	1.3									
		Color Charts										
		Equipment and Performance Data										
		Air Filters										
		Filter Gages										
		Manometers										
	15865	SD-06 Instructions	3.3									
		Test Reports										
	15865	SD-07 Schedules	2.1									
		Air Filters										
		Filter Gages										
		Manometers										
	15950	SD-01 Data	1.3									
		Records of Existing Conditions										
	15950	SD-03 Manufacturer's Standard	1.3									
		Color Charts										
		Equipment and Performance Data										
	15950	SD-06 Instructions	1.3									
		Test Reports										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	15950	SD-07 Schedules Certificates	1.3									
	15971	SD-02 Manufacturer's Catalog Data CONTROL SCHEMATICS Schematic drawings Sequence of Operations Installation drawings	1.2									
	15971	SD-03 Manufacturer's Standard Color Charts Manufacturer's Catalog Data Microprocessor Microprocessor Components Control Devices Temperature Sensors Humidity Sensors Interface Components Electric/Pneumatic Control Devices Pneumatic/Electric Control Devices Cabinetry/Enclosures Material, Equipment, and Fixture Lists	1.2									
	15971	SD-06 Instructions FINAL REPORTS (SYSTEM TESTING)	1.2									
	15971	SD-08 Statements Operating Instructions	1.2									
	16050	SD-01 Data Material, Equipment, and Fixture Lists Circuit Breakers Panelboards Panelboards	1.4									

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16050	Lamps and Lighting Fixtures										
		Lamps and Lighting Fixtures										
		Dry-Type Distribution Transformers										
		Dry-Type Distribution Transformers										
	16050	SD-03 Manufacturer's Standard	2.8									
		Color Charts										
		Circuit Breakers										
		Panelboards										
		Panelboards										
		Lamps and Lighting Fixtures										
		Lamps and Lighting Fixtures										
		Dry-Type Distribution Transformers										
		Dry-Type Distribution Transformers										
		Spare Parts										
	16124	SD-03 Manufacturer's Standard	1.4									
		Color Charts										
		Nonshielded Cables										
		Cable Splices										
		Cable Terminations										
	16124	SD-06 Instructions	3.2									
		Dielectric Absorption Tests										
		Dielectric Absorption Tests										
		High-Voltage Tests										
		Radiographic Tests										
		NETA cable acceptance test requirements										
	16124	SD-07 Schedules	1.5									
		Cable Splicers										
		Cable Splicers										
		Certificates										
		Conductor Resistance										
		Ionization										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16124	Mechanical Integrity										
		Flammability										
		Minimum Bending Radius										
		High-Voltage Tests										
		Dielectric Absorption Tests										
		Dielectric Absorption Tests										
	16124	SD-08 Statements	1.6									
		Medium-Voltage Power Cables										
		Cable Splices										
		Cable Terminations										
	16145	SD-01 Data	2.3									
		Safety Switches		G								
		Communication Cabinets		G								
	16145	SD-02 Manufacturer's Catalog Data	1.4									
		Fabrication Drawings										
		Assembly Drawings										
	16145	SD-03 Manufacturer's Standard	2.3									
		Color Charts										
		Safety Switches		G								
		Communication Cabinets		G								
	16145	SD-06 Instructions	3.7									
		Test Reports										
	16145	SD-07 Schedules	2.3									
		Safety Switches										
		Communication Cabinets										
	16225	SD-02 Manufacturer's Catalog Data	2.1									
		Motors										
		Motors										
		Motors										
		Motors										
	16225	SD-03 Manufacturer's Standard	2.1									
		Color Charts										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16225	Motors		G								
		Motors		G								
		Motors		G								
		Motors		G								
		Motors		G								
		Motors		G								
		Motors		G								
		Motors		G								
		Motors		G								
		Enclosures		G								
		Rotor Bars		G								
		Stator Slots		G								
		Rotational Speed		G								
		Cooling Fan Blades		G								
		Bearing Manufacturer		G								
		Bearing Style		G								
		Bearing Type		G								
		Balls/Elements		G								
		Commutator Bars		G								
		Commutator Brushes		G								
		SCR Firing Frequencies		G								
	16225	SD-07 Schedules	2.1									
		Efficiency										
		Efficiency										
		Power-Factor										
		Service Factor										
		Temperature Rating										
		Noise										
		Full-Load										
		Locked-Rotor										
		Insulation Resistance										
		Winding Resistance										
		High-Potential Tests										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16225	SD-08 Statements	2.1									
		Motors										
		Motors										
		Motors										
		Motors										
	16261	SD-02 Manufacturer's Catalog Data	1.5.1									
		Schematic diagrams		G								
		Interconnecting diagrams		G								
		Installation drawings		G								
	16261	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Variable frequency drives		G								
		Wires and cables										
		Equipment schedule										
	16261	SD-06 Instructions	3.2.1									
		VFD Test										
		Performance Verification Tests										
		Endurance Test										
	16261	SD-08 Statements	1.5.5									
		Installation instructions										
	16261	SD-09 Reports	2.5.1									
		VFD Factory Test Plan		G								
		Factory test results										
	16261	SD-10 Test Reports	2.1									
		Variable frequency drives										
	16275	SD-02 Manufacturer's Catalog Data	1.5									
		Connection Diagrams										
		Fabrication Drawings										
		Installation Drawings										
		Nameplate										
	16275	SD-03 Manufacturer's Standard	1.2									
		Color Charts										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16275	Equipment and Performance data										
		Equipment Foundation Data										
		Distribution Transformers										
		Dry-Type Distribution Transformers										
		Pad-Mounted Dry-Type Distribution Transformers										
	16275	SD-06 Instructions	3.2.1									
		Insulation Resistance Tests										
		Insulation Power Factor Tests										
	16275	SD-07 Schedules	1.2									
		Certification										
	16275	SD-10 Test Reports	1.3									
		Dry-Type Distribution Transformers										
		Pad-Mounted Dry-Type Distribution Transformers										
	16286	SD-02 Manufacturer's Catalog Data	1.3									
		Connection Diagrams										
		Fabrication Drawings										
		Control Devices										
		Control Devices										
		Protective Devices										
		Protective Devices										
	16286	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Motor Control										
		Instrument Transformers										
		Enclosures										
		Circuit Breakers										
		Fuses										
		Control Devices										
		Control Devices										
		Time Switches										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16286	Protective Relays										
		Indicating Instruments										
		Indicating Lights										
	16286	SD-06 Instructions	3.1									
		Operation Tested										
		Dielectric Tests										
	16286	SD-07 Schedules	1.2									
		Circuit Tests										
	16286	SD-08 Statements	2.4									
		Control Devices										
		Control Devices										
		Protective Devices										
		Protective Devices										
	16286	SD-10 Test Reports	2.1.1									
		Manual Motor Controllers										
		Magnetic Motor Controllers										
		Combination Motor Controllers										
		High Voltage Motor Controllers										
		Circuit Breakers										
		Time Switches										
		Protective Relays										
		Indicating Instruments										
	16325	SD-03 Manufacturer's Standard	1.2									
		Color Charts										
		Equipment and performance data										
		Load-Break Switches										
	16325	SD-08 Statements	1.2									
		Manufacturer's instructions										
	16325	SD-10 Test Reports	1.2									
		Load-Break Switches										
	16409	SD-01 Data	1.2									
		Equipment and Performance Data										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16409	Air Handling Unit Microprocessor Interface										
	16409	SD-04 Drawings Connection Diagrams Air Handling Unit Microprocessor Interface	1.2									
	16409	SD-06 Instructions Operating Instructions Air Handling Unit Microprocessor Interface	1.2									
	16409	SD-08 Statements Parts List Air Handling Unit Microprocessor Interface	1.2									
	16409	SD-18 Records Records of Existing Conditions	1.2									
	16409	SD-19 Operation and Maintenance Manuals Air Handling Unit Microprocessor Interface	1.2									
	16446	SD-02 Manufacturer's Catalog Data Detail Drawings	1.2	G								
	16446	SD-03 Manufacturer's Standard Color Charts physical features dimensions ratings service requirements weight of equipment	1.3	G								
	16446	SD-06 Instructions Continuity Tests Insulation Tests	3.2									

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16446	SD-07 Schedules	1.2									
		Statements										
	16446	SD-08 Statements	2.1									
		Panelboards										
	16511	SD-02 Manufacturer's Catalog Data	2.1									
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lamp Ballast										
		Fluorescent Lamps										
		Outline Drawings										
	16511	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
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		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lamp Ballast										
		Fluorescent Lamp Ballast										
		Fluorescent Lamps										
		Fluorescent Lamps										
	16511	SD-06 Instructions	1.2									
		Test Reports										
		Lighting-Distribution Curves										

* NASA Notes:
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Project Title: **Upgrade Electric Propulsion Research Building 16 (Phase 2)** Location: _____ Contractor: _____ Lead Designer: _____

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							DATE FRM LEAD TO REVIEWER	DATE FRM. REVIEWER TO LEAD	ACT CODE			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16511	SD-07 Schedules	2.1									
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lighting Fixtures										
		Fluorescent Lamp Ballast										
		Fluorescent Lamps										
	16512	SD-01 Data	1.2									
		Material, Equipment, and Fixture Lists										
	16512	SD-02 Manufacturer's Catalog Data	3.1									
		Installation Drawings										
	16512	SD-03 Manufacturer's Standard	2.2									
		Color Charts										
		Commercial Lighting Fixtures										
		Industrial Lighting Fixtures										
		Lamp Ballasts										
		Lamps										
		Lowering Devices										
		Lighting-Distribution Systems										
	16512	SD-06 Instructions	3.2									
		Operational Tests										
	16522	SD-03 Manufacturer's Standard	1.2									
		Color Charts										
		Equipment and Performance Data										
		Floodlighting Fixtures										
		Floodlighting Fixtures										
		Floodlighting Luminaires										
		High-Intensity-Discharge (HID)										
		Luminaires										
		Quartz-Iodine Luminaires										

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16522	Substation-Yard Lighting										
		Luminaires										
		Lighting Standards										
		Series Circuit Transformers										
		Lamp Ballasts										
	16522	SD-02 Manufacturer's Catalog Data	3.1									
		Installation Drawings										
		Floodlighting Systems										
	16522	SD-06 Instructions	3.2									
		Operational Tests										
	16522	SD-07 Schedules	1.2									
		Certificates										
		Floodlighting Fixtures										
		Floodlighting Fixtures										
	16529	SD-03 Manufacturer's Standard	2.1									
		Color Charts										
		Photoconductive Control Devices										
	16529	SD-06 Instructions	3.2									
		System Operation Tests										
	16529	SD-08 Statements	2.1									
		Light-Sensitive Control Devices										
	16535	SD-01 Data	1.2									
		Material, Equipment, and Fixture Lists										
	16535	SD-02 Manufacturer's Catalog Data	2.2									
		Emergency Lighting Egress Units										
	16535	SD-03 Manufacturer's Standard	2.2									
		Color Charts										
		Emergency Lighting Egress Units		G								
		Accessories		G								
	16536	SD-01 Data	1.2									

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	16536	Material, Equipment, and Fixture Lists										
		Exit Lighting Units Accessories		G								
	16536	SD-02 Manufacturer's Catalog Data Exit Lighting Units	1.3									
	16536	SD-03 Manufacturer's Standard Color Charts	1.3									
		Exit Lighting Units Accessories		G								
	16972	SD-01 Data Equipment and Performance Data Adjustable Frequency Drive Unit	1.2									
	16972	SD-04 Drawings Connection Diagrams Motors Control Panels	1.2									
	16972	SD-07 Schedules Material, Equipment and Fixture Lists Adjustable Frequency Drive Unit	1.2									
	16972	SD-08 Statements Listing of Product Installation Adjustable Frequency Drive Unit	1.2									
	16972	SD-19 Operation and Maintenance Manuals Operations and Maintenance Manuals	1.2									

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