

CECW-ETE

UFGS TECHNICAL PROPONENTS

Updated: 02-Mar-05

UFGS NUMBER	TITLE	PREPARING ACTIVITY	PROPONENT OFFICE	CURRENT PROPONENT- Army	C P N
00101	BID SCHEDULES	NAVFAC	EICO		C
00102	LIST OF DRAWINGS	NAVFAC	EICO		C
00120	SUPPLEMENTARY INSTRUCTIONS TO BIDDERS	NAVFAC			
01011	SPECIAL CONDITIONS FOR GUANTANAMO BAY PROJECTS	NAVFAC	EICO		C
01013	SPECIAL CONDITIONS FOR ICELAND PROJECTS	NAVFAC	EICO		C
01014	SPECIAL CONDITIONS FOR AZORES PROJECTS	USACE	EICO		C
01015	SPECIAL CONDITIONS FOR PROJECTS IN MEDITERRANEAN AREA	NAVFAC	EICO		C
01110	SUMMARY OF WORK	NAVFAC	EICO		C
01140	WORK RESTRICTIONS	NAVFAC	EICO		C
01150	SPECIAL PROJECT PROCEDURES	NAVFAC	EICO		C
01200N	PRICE AND PAYMENT PROCEDURES	NAVFAC	EICO		C
01240A	COST AND PERFORMANCE REPORT	USACE	CECW-ETC	Gary Bauer	
01270A	MEASUREMENT AND PAYMENT	USACE			
01310	ADMINISTRATIVE REQUIREMENTS	NAVFAC	EICO		C
01312A	QUALITY CONTROL SYSTEM (QCS)	USACE	CECW-ETC	Walt Norko	
01320A	PROJECT SCHEDULE	USACE	CECW-ETC	Mark Grammer	
01320N	[DESIGN AND]CONSTRUCTION PROGRESS DOCUMENTATION	NAVFAC	EICO		C
01321N	[DESIGN-BUILD]NETWORK ANALYSIS SCHEDULES (NAS)	USACE	EICO		C
01322	WEB BASED CONSTRUCTION MANAGEMENT (WEBCM)	NAVFAC	EICO		C
01330	SUBMITTAL PROCEDURES	NAVFAC	A: CECW-ETC N: EICO	Mark Grammer	C
01351	SAFETY, HEALTH, AND EMERGENCY RESPONSE (HTRW/UST)	USACE			
01355A	ENVIRONMENTAL PROTECTION	USACE	CECW-EWS	David Pezza	
01356A	STORM WATER POLLUTION PREVENTION MEASURES	USACE	CECW-ETC	Gary Bauer	
01415	METRIC MEASUREMENTS	USACE	CECW-ETE	Robert Fite	
01420	SOURCES FOR REFERENCE PUBLICATIONS	USACE	A: CECW-ETE N: EICO	Rick Dahnke - retired	C
01450A	CHEMICAL DATA QUALITY CONTROL	USACE	CECW-ETC	Gary Bauer	

01450N	CONSTRUCTION QUALITY CONTROL	NAVFAC	EICO		C
01451A	CONTRACTOR QUALITY CONTROL	USACE	A: CECW-ETC A: CECW-ETC	Gary Bauer Walt Norko	
01452	SPECIAL INSPECTION FOR SEISMIC-RESISTING SYSTEMS	USACE			
01455N	QUALITY CONTROL (QC) - MINOR CONSTRUCTION	NAVFAC	EICO		C
01500A	TEMPORARY CONSTRUCTION FACILITIES	USACE	CECW-ETC	Charles Racine	
01500N	TEMPORARY FACILITIES AND CONTROLS	NAVFAC	EICO		C
01525	SAFETY AND OCCUPATIONAL HEALTH REQUIREMENTS	NAVFAC	A: CESO-I N: EICO	Robert Stout	SI
01572	CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT	USACE	CECW-ETC	Charles Racine	
01575N	TEMPORARY ENVIRONMENTAL CONTROLS	NAVFAC	EICO		R
01576	TEMPORARY ENVIRONMENTAL CONTROLS (GTMO)	NAVFAC			
01580	PROJECT IDENTIFICATION	NAVFAC	EICO		C
01670	RECYCLED / RECOVERED MATERIALS	USACE	A: CECW-EE N: EICO	Harry Goradia	C
01770N	CLOSEOUT PROCEDURES	NAVFAC	EICO		C
01780A	CLOSEOUT SUBMITTALS	USACE	CECW-ETC	Mark Grammer	
01781	OPERATION AND MAINTENANCE DATA	NAVFAC	EICO		C
01810	COMMISSIONING AND DEMONSTRATION FOR SOIL VAPOR EXTRACTION (SVE) SYSTEMS	USACE			
01830	OPERATION, MAINTENANCE, AND PROCESS MONITORING FOR SOIL VAPOR EXTRACTION (SVE) SYSTEMS	USACE			
02111	EXCAVATION AND HANDLING OF CONTAMINATED MATERIAL	USACE	CECW-EWS	David Pezza	
02115A	UNDERGROUND STORAGE TANK REMOVAL	USACE	CECW-ETC	Gary Bauer	
02115N	REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANKS	NAVFAC	EICO		R
02120	TRANSPORTATION AND DISPOSAL OF HAZARDOUS MATERIALS	USACE			
02140	SELECT FILL AND TOPSOIL FOR LANDFILL COVER	USACE			
02150	PIPING; OFF-GAS	USACE	CECW-EWS	Gregory Hughes	
02151	SOIL WASHING THROUGH SEPARATION/SOLUBILIZATION	USACE			
02160	SOLIDIFICATION/STABILIZATION (S/S) OF	USACE			

	CONTAMINATED MATERIAL				
02180	REMEDICATION OF CONTAMINATED SOILS AND SLUDGES BY INCINERATION	USACE			
02181	REMEDICATION OF CONTAMINATED SOILS BY THERMAL DESORPTION	USACE			
02190	BIOREMEDIATION OF SOILS USING LANDFARMING SYSTEMS	USACE			
02191	BIOREMEDIATION OF SOILS USING WINDROW COMPOSTING	USACE			
02210	SUBSURFACE DRILLING, SAMPLING, AND TESTING	USACE			
02217	FOUNDATION PREPARATION	USACE			
02220	DEMOLITION	USACE	CECW-EWS	Gregory Hughes	
02226	REMOVAL AND SALVAGE OF HISTORIC BUILDING MATERIALS	USACE	CECW-EIV	Frank Norcross	
02231	CLEARING AND GRUBBING	USACE			
02233	CLEARING FOR CIVIL WORKS	USACE			
02251	FOUNDATION DRILLING AND GROUTING	USACE			
02262	SOIL-BENTONITE (S-B) SLURRY TRENCH	USACE			
02300	EARTHWORK	USACE	CECW-EWS	Gregory Hughes	
02315N	EXCAVATION AND FILL	NAVFAC	EICO		R
02318	TEST FILL	USACE			
02325	DREDGING	NAVFAC	EICO		Fi
02330	EMBANKMENT FOR EARTH DAMS	USACE			
02331	LEVEE CONSTRUCTION	USACE			
02332	REINFORCED SOIL SLOPE	USACE			
02360	SOIL TREATMENT FOR SUBTERRANEAN TERMITE CONTROL	USACE	CECW-EWS	Gregory Hughes	
02362	BASALTIC TERMITE BARRIER	NAVFAC	EICO		C
02363	TERMITE CONTROL BARRIER SYSTEM	NAVFAC	EICO		C
02370	SOIL SURFACE EROSION CONTROL	USACE			
02371	WIRE MESH GABIONS [AND MATTRESSES]	USACE			
02372	WASTE CONTAINMENT GEOMEMBRANE	USACE			
02373	GEOTEXTILE	USACE	CECW-EWS	David Pezza	
02374	GEOSYNTHETIC DRAINAGE LAYER	USACE			
02375	GEOGRID SOIL REINFORCEMENT	USACE			
02376	GEOSYNTHETIC CLAY LINER (GCL)	USACE			
02377	CLAY BARRIER LAYER	USACE			
02378	GEOTEXTILES USED AS FILTERS	USACE			
02380	STONE, CHANNEL, SHORELINE/COASTAL PROTECTION FOR STRUCTURES	USACE			

02382	ARTICULATING CONCRETE BLOCK REVETMENTS	USACE	CECW-EWS	David Pezza	
02390	MOORING AND GROUNDING POINTS FOR AIRCRAFT	USACE			
02395	PRESTRESSED CONCRETE FENDER PILING	NAVFAC	EICO		Fi
02396	RESILIENT FOAM-FILLED MARINE FENDERS	NAVFAC	EICO		Fi
02397	ARCH-TYPE RUBBER MARINE FENDERS	NAVFAC	EICO		Fi
02398	PIER TIMBERWORK	NAVFAC	EICO		Fi
02430	TUNNEL AND SHAFT GROUTING	USACE			
02441	TRENCHLESS EXCAVATION USING MICROTUNNELING	NAVFAC	EICO		Fi
02450	PRECAST/PRESTRESSED CONCRETE PILES	NAVFAC			
02453A	PRESTRESSED CONCRETE PILING FOR CIVIL WORKS	USACE	CECW-EWS	Anjana Chudgar	
02454A	PRECAST CONCRETE PILING	USACE	CECW-EWS	Anjana Chudgar	
02455	CAST-IN-PLACE CONCRETE PILES, STEEL CASING	USACE			
02456A	STEEL H-PILES	USACE	CECW-EWS	Anjana Chudgar	
02457A	ROUND TIMBER PILES	USACE	CECW-EWS	Anjana Chudgar	
02458A	PRESTRESSED CONCRETE PILING	USACE	CECW-EWS	Anjana Chudgar	
02458N	TIMBER PILES	NAVFAC	EICO		Jc
02459	CAST-IN-PLACE CONCRETE PILES	NAVFAC	EICO		O
02460	STEEL H-PILES	NAVFAC			
02461	WOOD MARINE PILES	NAVFAC	EICO		O
02462	PILING: COMPOSITE, WOOD AND CAST IN-PLACE CONCRETE	USACE			
02463A	STEEL H-PILES FOR CIVIL WORKS	USACE	CECW-EWS	Anjana Chudgar	
02464	METAL SHEET PILING	USACE			
02465	AUGER CAST GROUT PILES	USACE			
02466	PRESSURE-INJECTED FOOTINGS	NAVFAC	EICO		O
02466A	DRILLED FOUNDATION CAISSONS (PIERS)	USACE	CECW-EWS	Anjana Chudgar	
02468N	DRILLED FOUNDATION CAISSONS	NAVFAC	EICO		Jc
02490	SOIL AND ROCK ANCHORS	USACE	CECW-EWS	David Pezza	
02510A	WATER DISTRIBUTION SYSTEM	USACE	CECW-EWS	Gregory Hughes	
02510N	WATER DISTRIBUTION	NAVFAC	EICO		R
02521	WATER WELLS	USACE			
02522	GROUND-WATER MONITORING WELLS	USACE			
02525A	RELIEF WELLS	USACE	CECW-EWS	David Pezza	
02525N	[EXTRACTION] [MONITORING] WELLS	NAVFAC	EICO		R
02531	SANITARY SEWERS	USACE	CECW-EWS	Gregory Hughes	

02532	FORCE MAINS AND INVERTED SIPHONS; SEWER	USACE			
02546	PRE-ENGINEERED UNDERGROUND HEAT DISTRIBUTION SYSTEM	USACE			
02547	HEAT DISTRIBUTION SYSTEMS IN CONCRETE TRENCHES	USACE			
02548	ABOVEGROUND HEAT DISTRIBUTION SYSTEM	USACE			
02549	PREFABRICATED UNDERGROUND HEATING/COOLING DISTRIBUTION SYSTEM	USACE			
02551N	NATURAL GAS DISTRIBUTION	NAVFAC	EICO		L.
02552	EXTERIOR SHALLOW TRENCH STEAM DISTRIBUTION	NAVFAC	EICO		T.
02553	EXTERIOR UNDERGROUND STEAM DISTRIBUTION SYSTEM	NAVFAC	EICO		T.
02554	EXTERIOR ABOVEGROUND STEAM DISTRIBUTION	NAVFAC	EICO		T.
02555	EXTERIOR FUEL DISTRIBUTION	NAVFAC	EICO		Ei C
02556	EXTERIOR BURIED PUMPED CONDENSATE RETURN	NAVFAC	EICO		T.
02556A	GAS DISTRIBUTION SYSTEM	USACE	CECW-ETE	Robert Billmyre	
02557	EXTERIOR BURIED PREINSULATED WATER PIPING	NAVFAC	EICO		Fi
02560	VALVES, PIPING, AND EQUIPMENT IN VALVE MANHOLES	USACE			
02582	ELECTRICAL MANHOLE AND HANDHOLE	NAVFAC	EICO		Fi
02588	CONCRETE POLES	NAVFAC	EICO		Fi
02620	SUBDRAINAGE SYSTEM	USACE			
02621	FOUNDATION DRAINAGE SYSTEM	USACE			
02630	STORM DRAINAGE	USACE			
02661	POND AND RESERVOIR LINERS	NAVFAC	EICO		Fi
02665	BIOENGINEERING PRACTICES FOR STREAM BANK AND SHORELINE STABILIZATION	USACE			
02701	BITUMINOUS BINDER AND WEARING COURSES (CENTRAL-PLANT COLD-MIX)	USACE			
02703	HOT-MIX ASPHALT (HMA) FOR ROADS	USACE			
02704	AGGREGATE AND/OR GRADED-CRUSHED AGGREGATE BASE COURSE	USACE			
02705	SUBBASE COURSES	USACE			
02706	DRAINAGE LAYER	USACE			
02707	BITUMINOUS BASE COURSE	USACE			
02708	LIME-STABILIZED BASE COURSE, SUBBASE, OR SUBGRADE	USACE			
02709	PORTLAND CEMENT-STABILIZED BASE OR SUBBASE COURSE	USACE			
	BITUMINOUS-STABILIZED BASE COURSE,				

02710	SUBBASE, OR SUBGRADE	USACE			
02711	BITUMINOUS CONCRETE BASE COURSE	NAVFAC	EICO		V
02712	LEAN CONCRETE BASE COURSE	NAVFAC	EICO		V
02713	CEMENT STABILIZED [BASE] [SUBBASE] COURSE AT AIRFIELDS AND ROADS	NAVFAC	EICO		V
02714	LIME TREATED SUBGRADE [LIME MODIFIED SOILS]	NAVFAC	EICO		V
02721	[BASE COURSE FOR RIGID] [AND SUBBASE COURSE FOR FLEXIBLE] PAVING	NAVFAC	EICO		V
02722	GRADED CRUSHED AGGREGATE BASE COURSE FOR FLEXIBLE PAVEMENT	NAVFAC	EICO		V
02723	SAND-CLAY [BASE] [SUBBASE] COURSE	NAVFAC	EICO		V
02731	AGGREGATE SURFACE COURSE	USACE			
02740	STONE MATRIX ASPHALT (SMA) FOR AIRFIELD PAVEMENTS	USACE			
02741	BITUMINOUS CONCRETE PAVEMENT	NAVFAC	EICO		V
02742	HOT MIX BITUMINOUS PAVEMENT	NAVFAC	EICO		V
02743N	BITUMINOUS PRIME COAT	NAVFAC	EICO		R
02744	BITUMINOUS ROAD-MIX SURFACE COURSE	USACE			
02744N	BITUMINOUS TACK COAT	NAVFAC	EICO		R
02745	BITUMINOUS SURFACE TREATMENT	USACE			
02746	RESIN MODIFIED PAVEMENT SURFACING MATERIAL	USACE	CECW-EWS	Gregory Hughes	
02747	POROUS FRICTION COURSE FOR AIRFIELDS AND ROADS	USACE	CECW-EWS	Gregory Hughes	
02748A	BITUMINOUS TACK AND PRIME COATS	USACE	CECW-EWS	Gregory Hughes	
02749	HOT-MIX ASPHALT (HMA) FOR AIRFIELDS	USACE	CECW-EWS	Gregory Hughes	
02751	AIRFIELDS AND HEAVY-DUTY CONCRETE PAVEMENT LESS THAN 10000 CUBIC YARDS	NAVFAC	EICO		V
02752	PORTLAND CEMENT CONCRETE PAVEMENT FOR ROADS AND SITE FACILITIES	NAVFAC	EICO		V
02753	CONCRETE PAVEMENT FOR AIRFIELDS AND OTHER HEAVY-DUTY PAVEMENTS MORE THAN 10,000 CUBIC YARDS	USACE			
02754	CONCRETE PAVEMENTS FOR SMALL PROJECTS	USACE			
02755	ROLLER COMPACTED CONCRETE (RCC) PAVEMENT	USACE			
02760	FIELD MOLDED SEALANTS FOR SEALING JOINTS IN RIGID PAVEMENTS	USACE			
02761	FUEL-RESISTANT (COAL TAR) SEALER	USACE			
02761N	PAVEMENT MARKINGS	NAVFAC	EICO		Fi
02762	COMPRESSION JOINT SEALS FOR CONCRETE PAVEMENTS	USACE	CECW-EWS	Gregory Hughes	

02763A	PAVEMENT MARKINGS	USACE	CECW-EWS	Gregory Hughes	
02770	CONCRETE SIDEWALKS AND CURBS AND GUTTERS	USACE			
02780	CONCRETE BLOCK PAVEMENTS	USACE	CECW-EWS	Gregory Hughes	
02785	BITUMINOUS SEAL AND FOG COATS	USACE			
02786A	POLYMER CONCRETE- MICRO-OVERLAY (PCMO) FOR FUEL AND ABRASION RESISTANT WEARING SURFACES	USACE			
02787	BITUMINOUS REJUVENATION	USACE	CECW-EWS	David Pezza	
02788	COAL TAR SEAL COAT WITH UNVULCANIZED RUBBER	NAVFAC	EICO		V
02791	PLAYGROUND PROTECTIVE SURFACING	USACE	CECW-EWS	Gregory Hughes	
02810	UNDERGROUND SPRINKLER SYSTEMS	USACE			
02811	IRRIGATION SPRINKLER SYSTEMS	NAVFAC	EICO		C
02821A	FENCING	USACE	CECW-EWS	Gregory Hughes	
02821N	CHAIN LINK FENCES AND GATES	NAVFAC	EICO		Fi
02832	SEGMENTAL CONCRETE BLOCK RETAINING WALL	USACE	CECW-EIV	Peter Rossbach	
02840	ACTIVE VEHICLE BARRIERS	USACE			
02870	SITE FURNISHINGS	USACE			
02882	PLAYGROUND EQUIPMENT	USACE	A: CECW-EWS N: EICO	Gregory Hughes	C
02915	TRANSPLANTING EXTERIOR PLANTS	NAVFAC	EICO		C
02921	SEEDING	NAVFAC	EICO		C
02922	SODDING	NAVFAC	EICO		C
02923	SPRIGGING	NAVFAC	EICO		C
02930	EXTERIOR PLANTS	NAVFAC	EICO		C
02935	LANDSCAPE ESTABLISHMENT	NAVFAC	EICO		C
02951	RUNWAY RUBBER REMOVAL	USACE			
02964	COLD MILLING OF BITUMINOUS PAVEMENTS	USACE			
02965	COLD-MIX RECYCLING	USACE			
02966	HOT IN-PLACE RECYCLING OF BITUMINOUS PAVEMENTS	USACE			
02967	HEATER SCARIFYING OF BITUMINOUS PAVEMENTS	USACE			
02975	SEALING OF CRACKS IN BITUMINOUS PAVEMENTS	USACE			
02976	STRESS-ABSORBING MEMBRANE INTERLAYER	NAVFAC	EICO		C
02980	PATCHING OF RIGID PAVEMENTS	USACE			

02981	RUBBER AND PAINT REMOVAL FROM AIRFIELD PAVEMENTS	NAVFAC	EICO		V
02982	RESEALING OF JOINTS IN RIGID PAVEMENT	NAVFAC	EICO		V
02983	PARTIAL DEPTH PATCHING OF RIGID PAVEMENT	NAVFAC	EICO		V
02985	SLABJACKING RIGID PAVEMENTS	USACE			
02986	GROOVING FOR AIRFIELD PAVEMENTS	USACE			
03010N	LIGHT REFLECTIVE NONFERROUS METALLIC AGGREGATE FLOOR SYSTEM	NAVFAC	EICO		O
03100A	STRUCTURAL CONCRETE FORMWORK	USACE	CECW-EIV	Peter Rossbach	
03101A	FORMWORK FOR CONCRETE	USACE	CECW-EIV	Peter Rossbach	
03150A	EXPANSION JOINTS, CONTRACTION JOINTS, AND WATERSTOPS	USACE	CECW-EIV	Peter Rossbach	
03151A	EXPANSION, CONTRACTION AND CONSTRUCTION JOINTS IN CONCRETE FOR CIVIL WORKS	USACE	CECW-EIV	Peter Rossbach	
03200A	CONCRETE REINFORCEMENT	USACE	CECW-EIV	Peter Rossbach	
03201	STEEL BARS AND WELDED WIRE FABRIC FOR CONCRETE REINFORCEMENT FOR CIVIL WORKS	USACE	CECW-EIV	Peter Rossbach	
03230	STEEL STRESSING TENDONS AND ACCESSORIES FOR PRESTRESSED CONCRETE	USACE	CECW-EIV	Peter Rossbach	
03300A	CAST-IN-PLACE STRUCTURAL CONCRETE	USACE	CECW-EWS	Gregory Hughes	
03300N	CAST-IN-PLACE CONCRETE	NAVFAC	EICO		V
03301A	CAST-IN-PLACE STRUCTURAL CONCRETE FOR CIVIL WORKS	USACE	CECW-EIV	Peter Rossbach	
03307	CONCRETE FOR MINOR STRUCTURES	USACE			
03311	MARINE CONCRETE	NAVFAC	EICO		Jc
03330	CAST-IN-PLACE ARCHITECTURAL CONCRETE	USACE			
03340	ROOF DECKING, CAST-IN-PLACE LOW DENSITY CONCRETE	USACE			
03371	SHOTCRETE	USACE	CECW-EIV	Peter Rossbach	
03372	PREPLACED-AGGREGATE CONCRETE	USACE	CECW-EIV	Peter Rossbach	
03373	CONCRETE FOR CONCRETE CUTOFF WALLS	USACE	CECW-EIV	Peter Rossbach	
03410	PRECAST[PRESTRESSED] STRUCTURAL CONCRETE	NAVFAC			
03410A	PRECAST/PRESTRESSED CONCRETE FLOOR AND ROOF UNITS	USACE	CECW-EIV	Peter Rossbach	
03413A	PRECAST ARCHITECTURAL CONCRETE	USACE	CECW-EIV	Peter Rossbach	
03414A	PRECAST ROOF DECKING	USACE	CECW-EIV	Peter Rossbach	
03420N	CONCRETE FLOATING PIER FOR SMALL CRAFT	NAVFAC	EICO		Fi
03450	PLANT-PRECAST ARCHITECTURAL CONCRETE	NAVFAC	EICO		O
03511	GYPSUM PLANK DECKING (CONTRACTOR'S OPTION)	USACE			

03520	LIGHTWEIGHT CONCRETE ROOF INSULATION	NAVFAC	EICO		O
03700	MASS CONCRETE	USACE	CECW-EIV	Peter Rossbach	
03701	ROLLER-COMPACTED CONCRETE FOR MASS CONCRETE CONSTRUCTION	USACE	CECW-EIV	Peter Rossbach	
03900	RESTORATION OF CONCRETE IN HISTORIC STRUCTURES	USACE	CECW-EIV	Frank Norcross	
03930	CONCRETE REHABILITATION	NAVFAC	A: CECW-EIV N: EICO	Peter Rossbach	Jc
03931	CONCRETE REHABILITATION FOR CIVIL WORKS	USACE			
04200	MASONRY	USACE	A: CECW-EIV N: EICO	Peter Rossbach	Jc
04215	GLAZED STRUCTURAL CLAY TILE AND PREFACED CONCRETE MASONRY UNITS	USACE			
04270	GLASS MASONRY UNITS	USACE			
04810	NONBEARING MASONRY VENEER/STEEL STUD WALLS	USACE			
04900	RESTORATION AND CLEANING OF MASONRY IN HISTORIC STRUCTURES	USACE	CECW-EIV	Frank Norcross	
04910	REHABILITATION OF REINFORCED AND UNREINFORCED MASONRY WALLS USING FRP COMPOSITE STRUCTURAL REPOINTING	USACE			
04920	REHABILITATION OF REINFORCED AND UNREINFORCED MASONRY WALLS USING SURFACE APPLIED FRP COMPOSITES	USACE			
05055A	METALWORK FABRICATION, MACHINE WORK, MISCELLANEOUS PROVISIONS	USACE	CECW-EIS	Paul Tan	
05090A	WELDING, STRUCTURAL	USACE	CECW-EIV	Joseph Hartman	
05091A	ULTRASONIC INSPECTION OF WELDMENTS	USACE	CECW-EIV	Joseph Hartman	
05092A	ULTRASONIC INSPECTION OF PLATES	USACE	CECW-EIV	Joseph Hartman	
05093	WELDING PRESSURE PIPING	USACE			
05120	STRUCTURAL STEEL	NAVFAC	EICO		V
05210A	STEEL JOISTS	USACE	CECW-EIV	Peter Rossbach	
05210N	STEEL JOISTS [AND JOIST GIRDERS]	NAVFAC	EICO		V
05310	STEEL DECKS	NAVFAC	EICO		V
05400	COLD-FORMED METAL FRAMING	NAVFAC	EICO		V
05500	METAL: MISCELLANEOUS AND FABRICATIONS	NAVFAC			
05500A	MISCELLANEOUS METAL	USACE	CECW-EIS	Paul Tan	
05502A	METALS: MISCELLANEOUS, STANDARD ARTICLES, SHOP FABRICATED ITEMS	USACE	CECW-EIS	Paul Tan	
05615	STOPLOGS	USACE			
05650A	RAILROADS	USACE	CECW-EWS	Gregory Hughes	

05650N	RAILROAD TRACK AND ACCESSORIES	NAVFAC	EICO		V
05652N	WELDING CRANE AND RAILROAD RAIL - THERMITE METHOD	NAVFAC	EICO		V
06100A	ROUGH CARPENTRY	USACE	CECW-EIV	Frank Norcross	
06100N	ROUGH CARPENTRY	NAVFAC	EICO		D
06200A	FINISH CARPENTRY	USACE	CECW-EIV	Frank Norcross	
06200N	FINISH CARPENTRY	NAVFAC	EICO		D
06410A	LAMINATE CLAD ARCHITECTURAL CASEWORK	USACE	CECW-EIV	Frank Norcross	
06650	SOLID POLYMER (SOLID SURFACING) FABRICATIONS	USACE	CECW-EIV	Frank Norcross	
06650N	SOLID POLYMER FABRICATIONS	NAVFAC	EICO		D
07110A	BITUMINOUS DAMPPROOFING	USACE	CECW-EIV	Jesse Kidd	
07112N	BITUMINOUS DAMPPROOFING	NAVFAC	EICO		D
07121N	BUILT-UP BITUMINOUS WATERPROOFING	NAVFAC	EICO		D
07131	ELASTOMERIC SHEET WATERPROOFING	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	D
07132A	BITUMINOUS WATERPROOFING	USACE	CECW-EIV	Jesse Kidd	
07141	FLUID-APPLIED WATERPROOFING	NAVFAC	EICO		D
07161	METALLIC OXIDE WATERPROOFING	NAVFAC	EICO		D
07170	BENTONITE WATERPROOFING	NAVFAC	EICO		D
07190	WATER REPELLENTS	NAVFAC	EICO		D
07212	MINERAL FIBER BLANKET INSULATION	NAVFAC	EICO		C
07214	BOARD AND BLOCK INSULATION	NAVFAC	EICO		C
07216	LOOSE FILL THERMAL INSULATION	NAVFAC	EICO		C
07220	ROOF AND DECK INSULATION	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
07240	EXTERIOR INSULATION AND FINISH SYSTEMS	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
07310	SLATE ROOFING	USACE	CECW-EIV	Frank Norcross	
07311	ASPHALT SHINGLES	NAVFAC	EICO		C
07320A	CLAY TILE ROOFING	USACE	CECW-EIV	Frank Norcross	
07320N	ROOF TILES	NAVFAC	EICO		D
07412	NON-STRUCTURAL METAL ROOFING	NAVFAC	EICO		C
07413	METAL WALL PANELS	NAVFAC	EICO		C
07416A	STRUCTURAL STANDING SEAM METAL ROOF (SSSMR) SYSTEM	USACE	CECW-EIV	Peter Rossbach	
07511	ASPHALT BUILT-UP ROOFING	NAVFAC	EICO		C
07515	PROTECTED MEMBRANE ROOFING (PMR)	USACE			

07530	ETHYLENE PROPYLENE DIENE MONOMER (EPDM) ROOF MEMBRANE	NAVFAC	EICO		C
07548	POLYVINYL CHLORIDE (PVC) ROOFING	USACE			
07550	MODIFIED BITUMINOUS MEMBRANE ROOFING	NAVFAC	EICO		C
07570	SPRAYED POLYURETHANE FOAM (SPF) ROOFING	NAVFAC	EICO		C
07600	FLASHING AND SHEET METAL	NAVFAC	EICO		C
07610	COPPER ROOF SYSTEM	USACE	CECW-EIV	Frank Norcross	
07611N	STEEL STANDING SEAM ROOFING	NAVFAC	EICO		D
07612N	ALUMINUM STANDING SEAM ROOFING	NAVFAC	EICO		D
07620	MESH TERMITE BARRIER	USACE			
07625	COPPER SHEET METAL FLASHING	USACE			
07720	ROOF VENTILATORS, GRAVITY-TYPE	USACE			
07810	SPRAY-APPLIED FIREPROOFING	USACE			
07840	FIRESTOPPING	USACE	A: CECW-ETE N: NAVFACHQ	Robert DiAngelo	Jc
07920	JOINT SEALANTS	NAVFAC	EICO		C
08110	STEEL DOORS AND FRAMES	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
08120	ALUMINUM DOORS AND FRAMES	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
08161	ALUMINUM SLIDING GLASS DOORS	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
08162	SLIDING FIRE DOORS	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
08165	SLIDING METAL DOORS	USACE			
08181	METAL STORM DOORS	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
08210	WOOD DOORS	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
08302	CORROSION CONTROL HANGAR DOORS	NAVFAC	EICO		V
08315	BLAST RESISTANT DOORS (OVAL ARCH MAGAZINES)	NAVFAC	EICO		O
08330	OVERHEAD ROLLING DOORS	USACE			

08331A	METAL ROLLING COUNTER DOORS	USACE	CECW-EIV	Frank Norcross	
08331N	ROLLING SERVICE [AND FIRE] DOORS	NAVFAC	EICO		V
08342	STEEL SLIDING HANGAR DOORS	NAVFAC	A: CECW-EIV N: EICO	Frank Norcross	C
08361	SECTIONAL OVERHEAD DOORS	NAVFAC	A: CECW-EIV N: EICO	Frank Norcross	V
08370	VERTICAL LIFT DOORS	NAVFAC	A: CECW-EIV N: EICO	Frank Norcross	C
08371	VERTICAL LIFT FABRIC DOORS	NAVFAC	EICO		V
08390	BLAST RESISTANT DOORS	USACE	CECW-EIV	Joseph Hartman	
08510	STEEL WINDOWS	NAVFAC	A: CECW-EIV N: EICO	Frank Norcross	C
08520A	ALUMINUM AND ENVIRONMENTAL CONTROL ALUMINUM WINDOWS	USACE	CECW-EIV	Jesse Kidd	
08520N	ALUMINUM WINDOWS	NAVFAC	EICO		C
08550	WOOD WINDOWS	NAVFAC	A: CECW-EIV N: EICO	Frank Norcross	C
08560	PLASTIC WINDOWS	NAVFAC	A: CECW-EIV N: EICO	Frank Norcross	C
08581	BLAST RESISTANT TEMPERED GLASS WINDOWS	NAVFAC	A: CECW-EIV N: EICO	Joseph Hartman	C
08582	ALUMINUM STORM WINDOWS	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
08590	WOOD WINDOWS - REPAIR AND REHABILITATION	USACE	CECW-EIV	Frank Norcross	
08600	SKYLIGHTS	USACE	CECW-EIV	Jesse Kidd	
08710	DOOR HARDWARE	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
08745	ELECTRICAL LOCKING CONTROL FOR BRIGS	NAVFAC	A: CECW-EIV A: CECW- ETE N: EICO	Jesse Kidd Robert Billmyre	Jc

08800	GLAZING	NAVFAC	EICO		C
08850	FRAGMENT RETENTION FILM FOR GLASS	USACE	CECW-EIV	Joseph Hartman	
08900	GLAZED CURTAIN WALL	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	D
09100	METAL SUPPORT ASSEMBLIES	NAVFAC	EICO		D
09200A	LATHING AND PLASTERING	USACE	CECW-EIV	Jesse Kidd	
09205N	FURRING AND LATHING	NAVFAC	EICO		D
09210	GYPSUM PLASTER	NAVFAC	EICO		D
09215	VENEER PLASTER	NAVFAC	EICO		D
09225	STUCCO	USACE	EICO		C
09250	GYPSUM BOARD	NAVFAC	A: CECW-EIV N: EICO	Jesse Kidd	C
09310	CERAMIC TILE, QUARRY TILE, AND PAVER TILE	USACE	CECW-EWS	Gregory Hughes	
09330	CHEMICAL-RESISTANT QUARRY TILE	USACE			
09410	PORTLAND CEMENT TERRAZZO	USACE			
09421	TERRAZZO TILE	USACE			
09445	RESINOUS TERRAZZO FLOORING	USACE			
09510	ACOUSTICAL CEILINGS	USACE	CECW-EWS	Gregory Hughes	
09611	THIN FILM FLOORING SYSTEM FOR AIRCRAFT MAINTENANCE FACILITIES	NAVFAC	EICO		V
09612	EPOXY MORTAR FLOORING SYSTEM FOR AIRCRAFT MAINTENANCE FACILITIES	NAVFAC	EICO		V
09620	RESILIENT ATHLETIC FLOORING	USACE			
09640	WOOD STRIP FLOORING	USACE			
09641	WOOD ATHLETIC FLOORING	NAVFAC	EICO		C
09643	PORTABLE (DEMOUNTABLE) WOOD FLOORING	NAVFAC	EICO		C
09645	WOOD PARQUET FLOORING	USACE			
09650	RESILIENT FLOORING	USACE	CECW-EIV	Al Young	
09660	CONDUCTIVE VINYL FLOORING	USACE			
09670	FLUID-APPLIED FLOORING	USACE			
09680	CARPET	USACE	CECW-EWS	Gregory Hughes	
09720	WALLCOVERINGS	USACE	CECW-EWS	Gregory Hughes	
09840	ACOUSTICAL WALL TREATMENT	USACE			
09900	PAINTS AND COATINGS	NAVFAC	A: CECW-EIS	Andy Wu	C

			N: EICO		
09910	MAINTENANCE, REPAIR, AND COATING OF TALL ANTENNA TOWERS	NAVFAC	EICO		D
09915	COLOR SCHEDULE	USACE	CECW-EIV	Frank Norcross	
09963	HIGH-BUILD GLAZE COATINGS	NAVFAC	EICO		C
09964	PAINTING: HYDRAULIC STRUCTURES	USACE			
09965	METALLIC TYPE CONDUCTIVE/SPARK RESISTANT CONCRETE FLOOR FINISH	NAVFAC	EICO		C
09967	COATING OF STEEL WATERFRONT STRUCTURES	NAVFAC	EICO		C
09970	INTERIOR COATING OF WELDED STEEL PETROLEUM FUEL TANKS	NAVFAC	EICO		V
09971	EXTERIOR COATING OF STEEL STRUCTURES	NAVFAC	A: CECW-ETC N: EICO	Gary Bauer	V
09971A	METALLIZING: HYDRAULIC STRUCTURES	USACE	CECW-EIS	Andy Wu	
09972	INTERIOR COATING OF WELDED STEEL WATER TANKS	NAVFAC	A: CECW-ETC N: EICO N: EICO	Gary Bauer	V Jc
09973	INTERIOR COATING OF WELDED STEEL PETROLEUM FUEL TANKS	NAVFAC	A: CECW-ETC N: EICO	Gary Bauer	C
09974	PROTECTION OF BURIED STEEL PIPING AND STEEL BULKHEAD TIE RODS	NAVFAC	EICO		C
09980	INTERIOR LINING FOR CONCRETE STORAGE TANKS (FOR PETROLEUM FUELS)	NAVFAC	EICO		C
09981	LINSEED OIL PROTECTION OF CONCRETE SURFACES	NAVFAC	EICO		C
09995	PREPARATION OF HISTORIC WOOD AND METAL SURFACES FOR PAINTING	USACE	CECW-EIV	Frank Norcross	
10100	VISUAL COMMUNICATIONS SPECIALTIES	USACE			
10153	TOILET PARTITIONS	USACE	CECW-EWS	Gregory Hughes	
10191	CUBICLE TRACK AND HARDWARE	NAVFAC	EICO		C
10201	METAL [WALL] [AND] [DOOR] LOUVERS	NAVFAC	EICO		C
10260	WALL AND CORNER GUARDS	USACE			
10270	ACCESS FLOORING	USACE			
10430	EXTERIOR SIGNAGE	USACE	CECW-EIV	Frank Norcross	
10440	INTERIOR SIGNAGE	USACE	CECW-EIV	Frank Norcross	
10505	STEEL CLOTHING LOCKERS	NAVFAC	EICO		C

10605	WIRE MESH PARTITIONS	NAVFAC	EICO		C
10615	DEMOUNTABLE PARTITIONS	USACE			
10650	OPERABLE PARTITIONS	USACE			
10655	ACCORDION FOLDING PARTITIONS	NAVFAC	EICO		C
10675	STEEL SHELVING	NAVFAC	EICO		C
10716	STORM SHUTTERS	NAVFAC	EICO		C
10800	TOILET ACCESSORIES	USACE	CECW-EWS	Gregory Hughes	
11020	SECURITY VAULT DOOR	USACE			
11022	DOORS; FIRE-INSULATED, RECORD-VAULT	USACE			
11025	FORCED ENTRY RESISTANT COMPONENTS	USACE	CECW-EIV	Joseph Hartman	
11035	BULLET-RESISTANT COMPONENTS	USACE	CECW-EIV	Joseph Hartman	
11145	AVIATION FUELING SYSTEMS	USACE			
11161	DOCK LEVELERS	USACE	CECW-ETE	Robert DiAngelo	
11171	PACKAGED INCINERATORS	NAVFAC	EICO		L
11181	INCINERATORS, GENERAL PURPOSE	USACE			
11182	INCINERATORS, MEDICAL WASTE	USACE			
11191	DETENTION AND SECURITY WINDOWS	NAVFAC	EICO		Jc
11192	DETENTION AND SECURITY GLAZING	NAVFAC	N: EICO N: EICO		Jc C
11193	DETENTION HOLLOW METAL FRAMES, DOORS, AND DOOR FRAMES	NAVFAC	EICO		Jc
11194	DETENTION HARDWARE	NAVFAC	EICO		Jc
11195	DETENTION FURNITURE AND ACCESSORIES	NAVFAC	EICO		Jc
11211	PUMPS: WATER, CENTRIFUGAL	USACE			
11212	PUMPS: WATER, VERTICAL TURBINE	USACE			
11215	FANS/BLOWERS/PUMPS; OFF-GAS	USACE			
11220	PRECIPITATION/COAGULATION/FLOCCULATION WATER TREATMENT	USACE			
11225	DOWNFLOW LIQUID ACTIVATED CARBON ADSORPTION UNITS	USACE			
11226	VAPOR PHASE ACTIVATED CARBON ADSORPTION UNITS	USACE			
11241	CHLORINE-FEEDING MACHINES (AUTOMATIC, SEMIAUTOMATIC AND MANUAL)	USACE			
11242	CHEMICAL FEED SYSTEMS	USACE			
11243	CHEMICAL TREATMENT OF WATER FOR MECHANICAL SYSTEMS	USACE			
11250	WATER SOFTENERS, CATION-EXCHANGE (SODIUM CYCLE)	USACE			
11285	MITER GATES	USACE			

11286	SECTOR GATES	USACE			
11287	TAINTER GATES AND ANCHORAGES	USACE			
11288	VERTICAL LIFT GATES	USACE			
11289	CLOSURE GATES	USACE			
11290	WIRE ROPE FOR GATE OPERATING DEVICES	USACE			
11301	AIR STRIPPER	USACE			
11310	PUMPS; SEWAGE AND SLUDGE	USACE			
11311	PARALLEL PLATE [OR VERTICAL TUBE], GRAVITY OIL-WATER SEPARATOR	NAVFAC	EICO		Fi
11312	PACKAGE [GRINDER PUMP][LIFT] STATION	NAVFAC	EICO		Fi
11313	PNEUMATIC SEWAGE EJECTORS	USACE			
11314	SIPHONS, DOSING	USACE			
11320	GRIT COLLECTING EQUIPMENT	NAVFAC	EICO		Fi
11330	SEWAGE BAR SCREEN AND MECHANICAL SHREDDER	USACE			
11331	COMMINUTOR	USACE			
11338	CIRCULAR CLARIFIER	NAVFAC	EICO		Fi
11350	SLUDGE-COLLECTING EQUIPMENT	USACE			
11360	RECESSED CHAMBER FILTER PRESS SYSTEM	USACE			
11365	TRICKLING FILTER	USACE			
11375A	AIR SUPPLY AND DIFFUSION EQUIPMENT FOR SEWAGE TREATMENT	USACE	CECW-EWS	Gregory Hughes	
11375N	AERATION EQUIPMENT	NAVFAC	EICO		R
11376	ULTRAVIOLET DISINFECTION EQUIPMENT	USACE	CECW-EWS	Gregory Hughes	
11377	ADVANCED OXIDATION PROCESSES (AOP)	USACE	CECW-ETC	Gary Bauer	
11378	THERMAL (CATALYTIC) OXIDATION SYSTEMS	USACE	CECW-ETC	Gary Bauer	
11380	SLUDGE-DIGESTER GAS, HEATING, AND MIXING SYSTEM	USACE	CECW-EWS	Gregory Hughes	
11390	PREFABRICATED BIOCHEMICAL WASTEWATER TREATMENT PLANT	USACE	CECW-EWS	Gregory Hughes	
11391	CONTINUOUS LOOP REACTOR WASTEWATER TREATMENT SYSTEM	USACE	CECW-EWS	Gregory Hughes	
11393	FILTRATION SYSTEM	USACE	CECW-ETC	Gary Bauer	
11400A	FOOD SERVICE EQUIPMENT	USACE	CECW-EIV	Jeffery T. Hooghouse	
11400N	FOOD SERVICE EQUIPMENT	NAVFAC	EICO		R
11401	ELECTRIC KITCHEN EQUIPMENT	NAVFAC	EICO		Jc
11475	RADIOGRAPHIC DARKROOM EQUIPMENT	NAVFAC	EICO		R
11500	AIR POLLUTION CONTROL	USACE			
11601	LABORATORY EQUIPMENT AND FUMEHOODS	NAVFAC	EICO		D
11700	GENERAL REQUIREMENTS FOR MEDICAL AND DENTAL EQUIPMENT	NAVFAC	EICO		C

11702	MEDICAL EQUIPMENT, MISCELLANEOUS	NAVFAC	EICO		C
11706	HYDROTHERAPY EQUIPMENT	NAVFAC	EICO		C
11708	INSTALLATION OF GOVERNMENT-FURNISHED MEDICAL EQUIPMENT	NAVFAC	EICO		C
11710	WARMING CABINETS, STERILIZERS, AND ASSOCIATED EQUIPMENT	USACE			
11744	DENTAL EQUIPMENT	NAVFAC	EICO		C
12301N	MANUFACTURED VANITIES	NAVFAC	EICO		D
12320A	RESIDENTIAL CABINETS AND COUNTERTOPS	USACE	CECW-EIV	Frank Norcross	
12350	MEDICAL AND DENTAL CASEWORK	USACE			
12352N	RESIDENTIAL CASEWORK	NAVFAC	EICO		D
12490	WINDOW TREATMENT	USACE			
12491N	CURTAINS AND DRAPES	NAVFAC	EICO		D
12610	FIXED SEATING	USACE			
12705	FURNITURE SYSTEMS	USACE	CECW-EIV	Frank Norcross	
13034	PREFABRICATED AUDIOMETRIC ROOMS	NAVFAC	EICO		D
13038	COLD-STORAGE ROOMS (PREFABRICATED PANEL TYPE)	NAVFAC	A: CECW-EIV N: EICO	Al Young	D
13080	SEISMIC PROTECTION FOR MISCELLANEOUS EQUIPMENT	USACE	CECW-EIV	Peter Rossbach	
13090	X-RAY SHIELDING	USACE			
13093N	RADIO FREQUENCY SHIELDED ENCLOSURES, DEMOUNTABLE TYPE	NAVFAC	EICO		D
13094N	RADIO FREQUENCY SHIELDED ENCLOSURES, WELDED TYPE	NAVFAC	EICO		D
13095A	ELECTROMAGNETIC (EM) SHIELDING	USACE	CECW-ETE	Robert Fite	
13095N	HEMP SHIELDED DOOR	NAVFAC	EICO		Jc
13100A	LIGHTNING PROTECTION SYSTEM	USACE	CECW-ETE	Robert Billmyre	
13100N	LIGHTNING PROTECTION SYSTEM	NAVFAC	EICO		Jc
13110A	CATHODIC PROTECTION SYSTEM (SACRIFICIAL ANODE)	USACE	CECW-ETE	Robert Billmyre	
13110N	CATHODIC PROTECTION BY GALVANIC ANODES	NAVFAC	EFDLANT CI4		R
13111A	CATHODIC PROTECTION SYSTEM (STEEL WATER TANKS)	USACE	CECW-ETE	Robert Billmyre	
13111N	CATHODIC PROTECTION BY IMPRESSED CURRENT	NAVFAC	EICO		Jc
13112A	CATHODIC PROTECTION SYSTEM (IMPRESSED CURRENT)	USACE	CECW-ETE	Robert Billmyre	
13112N	CATHODIC PROTECTION SYSTEM (STEEL WATER TANKS)	NAVFAC	EFDLANT CI4		R
13113	CATHODIC PROTECTION SYSTEMS (IMPRESSED CURRENT)FOR LOCK MITER GATES	USACE			

13120	PREENGINEERED METAL BUILDINGS	NAVFAC	EICO		V
13121	METAL BUILDING SYSTEMS (MINOR REQUIREMENTS)	USACE	EICO		V
13202	FUEL STORAGE SYSTEMS	USACE			
13203	TIGHTNESS TESTING OF UNDERGROUND FUEL SYSTEMS	USACE			
13205	STEEL TANKS WITH FIXED ROOFS	NAVFAC	EICO		L
13208	WIRE-WOUND CIRCULAR PRESTRESSED-CONCRETE WATER TANK	NAVFAC	EICO		T
13209	WATER STORAGE STEEL TANKS	USACE	CECW-EWS	Gregory Hughes	
13210	ABOVEGROUND FUEL OIL STORAGE TANKS	NAVFAC	EICO		V
13211	PRESSURE VESSELS FOR STORAGE OF COMPRESSED GASES	USACE			
13216	UNDERGROUND PETROLEUM TANKS	NAVFAC	EICO		V
13217	FIBERGLASS-PLASTIC LINING FOR STEEL TANK BOTTOMS (FOR PETROLEUM)	NAVFAC	EICO		V
13219	CLEANING PETROLEUM STORAGE TANKS	NAVFAC	EICO		V
13234	FLOATING COVER FOR SLUDGE-DIGESTION TANKS	USACE			
13280A	ASBESTOS HAZARD CONTROL ACTIVITIES	USACE	CESO-I	Robert Stout	
13281A	LEAD BASED PAINT HAZARD ABATEMENT, TARGET HOUSING & CHILD OCCUPIED FACILITIES	USACE	CESO-I	Robert Stout	
13281N	ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS	NAVFAC	EICO		R
13282N	LEAD IN CONSTRUCTION	NAVFAC	EICO		R
13283N	REMOVAL/CONTROL AND DISPOSAL OF PAINT WITH LEAD	NAVFAC	EICO		R
13284	REMOVAL AND DISPOSAL OF POLYCHLORINATED BIPHENYLS (PCBs)	NAVFAC	EICO		R
13285	REMOVAL AND DISPOSAL OF PCB CONTAMINATED SOILS	NAVFAC	EICO		R
13286	HANDLING OF LIGHTING BALLASTS AND LAMPS CONTAINING PCBs AND MERCURY	NAVFAC	EICO		R
13287	RADON MITIGATION	NAVFAC	EICO		R
13290	COMPOSTING TOILET	USACE			
13401	FLOW MEASURING EQUIPMENT [POTABLE WATER] [SEWAGE TREATMENT PLANT]	NAVFAC	EICO		Fi
13405	PROCESS CONTROL	USACE			
13420	SELF-ACTING BLAST VALVES	USACE			
13451	POWER MONITORING SYSTEM	USACE			
13600A	SOLAR WATER HEATING EQUIPMENT	USACE	CECW-ETC	Gary Bauer	
13610N	SOLAR LIQUID FLAT PLATE COLLECTORS	NAVFAC	EICO		R
13702N	BASIC INTRUSION DETECTION SYSTEMS (IDS)	NAVFAC	EICO		Jc

13703N	COMMERCIAL INTRUSION DETECTION SYSTEMS (IDS)	NAVFAC	EICO		Jc
13720A	ELECTRONIC SECURITY SYSTEM	USACE	CECW-ETE	Robert Fite	
13721A	SMALL INTRUSION DETECTION SYSTEM	USACE	CECW-ETE	Robert Fite	
13729	CENTRAL MONITORING SERVICES FOR ELECTRONIC SECURITY SYSTEMS	USACE			
13798	DURESS SIGNAL SYSTEM [FOR BRIG FACILITIES]	NAVFAC	EICO		Jc
13799	WATCHTOUR SYSTEM [FOR BRIG FACILITIES]	NAVFAC	EICO		Jc
13801	UTILITY MONITORING AND CONTROL SYSTEM (UMCS)	USACE			
13850A	FIRE DETECTION AND ALARM SYSTEM, DIRECT CURRENT LOOP	USACE	CECW-ETE	Robert Billmyre	
13851A	FIRE DETECTION AND ALARM SYSTEM, ADDRESSABLE	USACE	CECW-ETE	Robert Billmyre	
13851N	EXTERIOR FIRE ALARM SYSTEM, CLOSED CIRCUIT TELEGRAPHIC TYPE	NAVFAC	NAVFACHQ		Jc
13852A	FIRE ALARM REPORTING SYSTEM, RADIO TYPE	USACE	CECW-ETE	Robert Billmyre	
13852N	INTERIOR FIRE DETECTION AND ALARM SYSTEM	NAVFAC	NAVFACHQ		Jc
13853A	CENTRAL FIRE ALARM SYSTEM, DIGITAL ALARM COMMUNICATOR TYPE	USACE	CECW-ETE	Robert Billmyre	
13853N	EXTERIOR FIRE REPORTING SYSTEM, RADIO TYPE	NAVFAC	NAVFACHQ		Jc
13854N	FIRE ALARM REPORTING SYSTEMS - DIGITAL COMMUNICATORS	NAVFAC	NAVFACHQ		Jc
13855N	ANALOG/ADDRESSABLE INTERIOR FIRE ALARM SYSTEM	NAVFAC	NAVFACHQ		Jc
13856	CARBON MONOXIDE DETECTORS	NAVFAC	NAVFACHQ		Jc
13920	FIRE PUMPS	USACE			
13930A	WET PIPE SPRINKLER SYSTEM, FIRE PROTECTION	USACE	CECW-ETE	Robert DiAngelo	
13930N	WET-PIPE FIRE SUPPRESSION SPRINKLERS	NAVFAC	NAVFACHQ		Jc
13931	FIRE EXTINGUISHING SPRINKLER SYSTEMS (RESIDENTIAL)	NAVFAC	NAVFACHQ		Jc
13935A	DRY PIPE SPRINKLER SYSTEM, FIRE PROTECTION	USACE	CECW-ETE	Robert DiAngelo	
13935N	DRY-PIPE FIRE SPRINKLER SYSTEMS	NAVFAC	NAVFACHQ		Jc
13945A	PREACTION AND DELUGE SPRINKLER SYSTEMS, FIRE PROTECTION	USACE	CECW-ETE	Robert DiAngelo	
13945N	[DELUGE] [PREACTION] FIRE SPRINKLER SYSTEMS	NAVFAC	NAVFACHQ		Jc
13955A	AQUEOUS FILM-FORMING FOAM (AFFF) FIRE PROTECTION SYSTEM	USACE	CECW-ETE	Robert DiAngelo	
13956N	FOAM FIRE EXTINGUISHING FOR AIRCRAFT HANGARS	NAVFAC	NAVFACHQ		Jc

13957N	FOAM FIRE EXTINGUISHING FOR FUEL TANK PROTECTION	NAVFAC	NAVFACHQ		Jc
13958N	FOAM FIRE EXTINGUISHING FOR HAZ/FLAM MATERIAL FACILITY	NAVFAC	NAVFACHQ		Jc
13961N	CARBON DIOXIDE FIRE EXTINGUISHING (HIGH PRESSURE)	NAVFAC	NAVFACHQ		Jc
13962N	CARBON DIOXIDE FIRE EXTINGUISHING (LOW PRESSURE)	NAVFAC	NAVFACHQ		Jc
13965A	WET CHEMICAL FIRE EXTINGUISHING SYSTEM	USACE	CECW-ETE	Robert DiAngelo	
13966N	HALON 1301 FIRE EXTINGUISHING	NAVFAC	NAVFACHQ		Jc
13971N	WET CHEMICAL FIRE EXTINGUISHING FOR KITCHEN CABINET	NAVFAC	NAVFACHQ		Jc
13975	STANDPIPE SYSTEMS	NAVFAC	NAVFACHQ		Jc
14210A	ELEVATORS, ELECTRIC	USACE	CECW-ETE	Robert DiAngelo	
14210N	ELECTRIC TRACTION ELEVATORS	NAVFAC	EICO		C
14211A	ELEVATORS, ELECTRIC, FOR CIVIL WORKS	USACE	CECW-ETE	Robert DiAngelo	
14240	HYDRAULIC ELEVATORS	USACE	CECW-ETE	Robert DiAngelo	
14534N	MONORAILS WITH MANUAL HOIST	NAVFAC	EICO		V
14535N	MONORAILS WITH AIR MOTOR POWERED HOIST	NAVFAC	EICO		V
14580	PNEUMATIC-TUBE SYSTEM	USACE			
14605A	MONORAILS WITH ELECTRIC,AIR, OR MANUAL POWERED HOIST	USACE			
14606N	PORTAL CRANE TRACK INSTALLATION	NAVFAC	EICO		V
14622N	MONORAILS WITH ELECTRIC POWERED HOISTS	NAVFAC	EICO		V
14630A	OVERHEAD ELECTRIC CRANES	USACE	CECW-ETE	Robert Billmyre	
14636N	CRANES, OVERHEAD ELECTRIC, TOP RUNNING (UNDER 20,000 POUNDS)	NAVFAC	EICO		V
14637N	CRANES, OVERHEAD ELECTRIC, UNDERRUNNING	NAVFAC	EICO		V
15005A	SPEED REDUCERS FOR STORM WATER PUMPS	USACE	CECW-ETE	Robert Billmyre	
15010A	HYDRAULIC POWER SYSTEMS FOR CIVIL WORKS STRUCTURES	USACE	CECW-EIS	Andy Wu	
15050N	BASIC MECHANICAL MATERIALS AND METHODS	NAVFAC	EICO		T.
15070A	SEISMIC PROTECTION FOR MECHANICAL EQUIPMENT	USACE	CECW-ETE	Robert DiAngelo	
15070N	MECHANICAL SOUND, VIBRATION, AND SEISMIC CONTROL	NAVFAC	EICO		T.
15080	THERMAL INSULATION FOR MECHANICAL SYSTEMS	USACE			
15081N	EXTERIOR PIPING INSULATION	NAVFAC	EICO		T.

15131A	VERTICAL PUMPS, AXIAL-FLOW AND MIXED-FLOW IMPELLER-TYPE	USACE	CECW-ETE	Robert Billmyre	
15132A	SUBMERSIBLE PUMP, AXIAL-FLOW AND MIXED-FLOW TYPE	USACE	CECW-ETE	Robert Billmyre	
15133A	DIESEL/NATURAL GAS FUELED ENGINE PUMP DRIVES	USACE	CECW-EIS	Andy Wu	
15181	CHILLED, CHILLED-HOT, AND CONDENSER WATER PIPING SYSTEMS	NAVFAC			
15182	REFRIGERANT PIPING	USACE			
15183N	STEAM SYSTEM AND TERMINAL UNITS	NAVFAC	EICO		T.
15184N	[HIGH][MEDIUM] TEMPERATURE WATER SYSTEM WITHIN BUILDINGS	NAVFAC	EICO		T.
15185N	LOW TEMPERATURE WATER [LTW] HEATING SYSTEM	NAVFAC	EICO		T.
15190A	GAS PIPING SYSTEMS	USACE	CECW-ETE	Robert Billmyre	
15191N	FIBERGLASS REINFORCED PLASTIC (FRP) PIPING (FOR PETROLEUM)	NAVFAC	EICO		T.
15192N	FUEL OIL PIPING	NAVFAC	EICO		L.
15193N	GASOLINE/DIESEL DISPENSING SYSTEMS	NAVFAC	EICO		L.
15194N	AVIATION FUEL DISTRIBUTION AND DISPENSING	NAVFAC	EICO		L.
15195N	NATURAL GAS AND LIQUID PETROLEUM PIPING	NAVFAC	EICO		L.
15200	PIPELINES, LIQUID PROCESS PIPING	USACE			
15211N	LOW PRESSURE COMPRESSED AIR PIPING (NON-BREATHING AIR TYPE)	NAVFAC	EICO		L.
15212N	HIGH AND MEDIUM PRESSURE COMPRESSED AIR PIPING	NAVFAC	EICO		L.
15213N	LARGE CENTRIFUGAL AIR COMPRESSORS (OVER 200 HP)	NAVFAC	EICO		T.
15214N	LARGE NONLUBRICATED RECIPROCATING AIR COMPRESSORS (OVER 300 HP)	NAVFAC	EICO		T.
15215N	NONLUBRICATED ROTARY SCREW AIR COMPRESSORS (100 HP AND LARGER)	NAVFAC	EICO		T.
15216N	WELDING PRESSURE PIPING	NAVFAC	EICO		T.
15217N	MEDICAL GAS AND VACUUM PIPING	NAVFAC	EICO		L.
15400	PLUMBING, GENERAL PURPOSE	USACE			
15405A	PLUMBING, HOSPITAL	USACE	CECW-ETE	Robert Billmyre	
15411N	HOSPITAL PLUMBING FIXTURES	NAVFAC	EICO		L.
15495	HYDRAULIC FLUID POWER SYSTEMS	USACE			
15500A	DESICCANT COOLING SYSTEMS	USACE	CECW-ETC	Gary Bauer	
15501N	STEAM HEATING PLANT WATERTUBE (SHOP ASSEMBLED) COAL/OIL OR COAL	NAVFAC	EICO		T.
15502N	STEAM HEATING PLANT WATERTUBE (FIELD ERECTED) COAL/OIL OR COAL	NAVFAC	EICO		T.
15511N	WATER-TUBE BOILERS, OIL/GAS OR OIL	NAVFAC	EICO		T.

15514N	LOW PRESSURE WATER HEATING BOILERS (UNDER 800,000 BTU/HR OUTPUT)	NAVFAC	EICO		T.
15515N	LOW PRESSURE WATER HEATING BOILERS (OVER 800,000 BTU/HR OUTPUT)	NAVFAC	EICO		T.
15516N	STEAM BOILERS AND EQUIPMENT (500,000 - 18,000,000 BTU/HR)	NAVFAC	EICO		T.
15517N	STEAM BOILERS AND EQUIPMENT (18,000,000 - 60,000,000 BTU/HR)	NAVFAC	EICO		T.
15532N	WARM AIR HEATING SYSTEMS	NAVFAC	EICO		L.
15555A	CENTRAL HIGH TEMPERATURE WATER (HTW) GENERATING PLANT AND AUXILIARIES	USACE	CECW-ETE	Robert DiAngelo	
15556A	FORCED HOT WATER HEATING SYSTEMS USING WATER AND STEAM HEAT EXCHANGERS	USACE	CECW-ETC	Gary Bauer	
15559A	CENTRAL STEAM-GENERATING SYSTEM, COAL-FIRED	USACE	CECW-ETE	Robert DiAngelo	
15561A	CENTRAL STEAM GENERATING SYSTEM - COMBINATION GAS AND OIL FIRED	USACE	CECW-ETE	Robert DiAngelo	
15562A	HEATING AND UTILITIES SYSTEMS, CENTRAL STEAM	USACE	CECW-ETE	Robert DiAngelo	
15565A	HEATING SYSTEM; GAS-FIRED HEATERS	USACE	CECW-ETC	Gary Bauer	
15566A	WARM AIR HEATING SYSTEMS	USACE	CECW-ETC	Gary Bauer	
15569A	WATER AND STEAM HEATING; OIL, GAS OR BOTH; UP TO 20 MBTUH	USACE	CECW-ETE	Robert DiAngelo	
15601N	CENTRAL REFRIGERATION EQUIPMENT FOR AIR CONDITIONING	NAVFAC	EICO		T.
15602N	REFRIGERATION EQUIPMENT FOR COLD STORAGE	NAVFAC	EICO		T.
15620A	LIQUID CHILLERS	USACE	CECW-ETC	Gary Bauer	
15645A	COOLING TOWER	USACE	CECW-ETC	Gary Bauer	
15652A	COLD STORAGE REFRIGERATION SYSTEMS	USACE	CECW-ETC	Gary Bauer	
15690A	EVAPORATIVE COOLING SYSTEMS	USACE	CECW-ETC	Gary Bauer	
15700A	UNITARY HEATING AND COOLING EQUIPMENT	USACE	CECW-ETC	Gary Bauer	
15702N	COMPUTER ROOM AIR CONDITIONING UNITS	NAVFAC	EICO		L.
15720N	AIR HANDLING UNITS	NAVFAC	EICO		L.
15721N	EVAPORATIVE COOLING SYSTEM	NAVFAC	EICO		L.
15730N	UNITARY AIR CONDITIONING EQUIPMENT	NAVFAC	EICO		L.
15741	VERTICAL GROUND-COUPLED HEAT EXCHANGE SYSTEMS (VGCHES)	USACE	CECW-ETC	Gary Bauer	
15741N	WATER SOURCE HEAT PUMP SYSTEMS	NAVFAC	EICO		L.
15751N	DESICCANT DEHUMIDIFICATION EQUIPMENT	NAVFAC	EICO		L.
15760N	TERMINAL HEATING AND COOLING UNITS	NAVFAC	EICO		L.
15768N	ELECTRIC SPACE HEATING EQUIPMENT	NAVFAC	EICO		L.
15801N	INDUSTRIAL VENTILATION AND EXHAUST	NAVFAC	EICO		L.
15810N	DUCTWORK AND DUCTWORK ACCESSORIES	NAVFAC	EICO		T.

15845A	ENERGY RECOVERY SYSTEMS	USACE	CECW-ETC	Gary Bauer	
15846A	HEAT RECOVERY BOILERS	USACE	CECW-ETE	Robert DiAngelo	
15848	THERMAL ENERGY STORAGE UNITS: ICE-ON-COIL	USACE			
15860A	CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL (CBR) AIR FILTRATION SYSTEM	USACE	CECW-ETC	Gary Bauer	
15861N	MECHANICAL CYCLONE DUST COLLECTOR OF FLUE GAS PARTICULATES	NAVFAC	EICO		T.
15862N	ELECTROSTATIC DUST COLLECTOR OF FLUE GAS PARTICULATES	NAVFAC	EICO		T.
15863N	FABRIC FILTER DUST COLLECTOR OF FLY ASH PARTICLES IN FLUE GAS	NAVFAC	EICO		T.
15864N	DUST AND GAS COLLECTOR, DRY SCRUBBER AND FABRIC FILTER TYPE	NAVFAC	EICO		T.
15895	AIR SUPPLY, DISTRIBUTION, VENTILATION, AND EXHAUST SYSTEMS	USACE	CECW-ETC	Gary Bauer	
15901N	SPACE TEMPERATURE CONTROL SYSTEMS	NAVFAC	EICO		T.
15910N	DIRECT DIGITAL CONTROL SYSTEMS	NAVFAC	EICO		T.
15940A	OVERHEAD VEHICLE TAILPIPE [AND WELDING FUME] EXHAUST REMOVAL SYSTEM(S)	USACE	CECW-ETE	Robert DiAngelo	
15950N	HVAC TESTING/ADJUSTING/BALANCING	NAVFAC	EICO		L.
15951	DIRECT DIGITAL CONTROL FOR HVAC AND OTHER LOCAL BUILDING SYSTEMS	USACE	CECW-EWS	Gregory Hughes	
15951N	TESTING INDUSTRIAL VENTILATION SYSTEMS	NAVFAC	EICO		L.
15990A	TESTING, ADJUSTING, AND BALANCING OF HVAC SYSTEMS	USACE	CECW-ETC	Gary Bauer	
15995A	COMMISSIONING OF HVAC SYSTEMS	USACE	CECW-ETC	Gary Bauer	
16050N	BASIC ELECTRICAL MATERIALS AND METHODS	NAVFAC	EICO		Jc
16070A	SEISMIC PROTECTION FOR ELECTRICAL EQUIPMENT	USACE	CECW-ETE	Robert Billmyre	
16081	APPARATUS INSPECTION AND TESTING	NAVFAC	EICO		Jc
16120A	INSULATED WIRE AND CABLE	USACE	CECW-ETE	Robert Billmyre	
16145	480 V PIER POWER OUTLET ASSEMBLIES	NAVFAC	EICO		Jc
16221A	ELECTRIC MOTORS, 3-PHASE VERTICAL INDUCTION TYPE	USACE	CECW-ETE	Robert Billmyre	
16222A	ELECTRIC MOTORS, 3-PHASE VERTICAL SYNCHRONOUS TYPE	USACE	CECW-ETE	Robert Billmyre	
16236	MOTOR-GENERATOR SETS, 400 HERTZ (HZ)	NAVFAC	EICO		Jc
16237N	SINGLE OPERATION GENERATOR SETS	NAVFAC	EICO		Jc
16261	VARIABLE FREQUENCY DRIVE SYSTEMS UNDER 600 VOLTS	NAVFAC	EICO		Jc
16262N	INSTALLATION OF UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM	NAVFAC	EICO		Jc
16263A	DIESEL-GENERATOR SET STATIONARY 100-2500	USACE	CECW-ETE	Robert Billmyre	

	KW, WITH AUXILIARIES				
16264A	DIESEL-GENERATOR SET, STATIONARY 15-300 KW, STANDBY APPLICATIONS	USACE	CECW-ETE	Robert Billmyre	
16265A	UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM ABOVE 15 KVA CAPACITY	USACE	CECW-ETE	Robert Billmyre	
16268	400-HERTZ (HZ) SOLID STATE FREQUENCY CONVERTER	NAVFAC	EICO		Jc
16272	THREE-PHASE PAD-MOUNTED TRANSFORMERS	NAVFAC	EICO		Jc
16273	SINGLE-PHASE PAD-MOUNTED TRANSFORMERS	NAVFAC	EICO		Jc
16280N	RADIO FREQUENCY INTERFERENCE POWER LINE FILTERS	NAVFAC	EICO		Jc
16301N	OVERHEAD TRANSMISSION AND DISTRIBUTION	NAVFAC	EICO		Jc
16302N	UNDERGROUND TRANSMISSION AND DISTRIBUTION	NAVFAC	EICO		Jc
16311A	MAIN ELECTRIC SUPPLY STATION AND SUBSTATION	USACE	CECW-ETE	Robert Billmyre	
16341N	SF6 INSULATED PAD-MOUNTED SWITCHGEAR	NAVFAC	EICO		Jc
16360	SECONDARY UNIT SUBSTATIONS	NAVFAC	EICO		Jc
16361N	PRIMARY UNIT SUBSTATION	NAVFAC	EICO		Jc
16370A	ELECTRICAL DISTRIBUTION SYSTEM, AERIAL	USACE	CECW-ETE	Robert Billmyre	
16375A	ELECTRICAL DISTRIBUTION SYSTEM, UNDERGROUND	USACE	CECW-ETE	Robert Billmyre	
16402	INTERIOR DISTRIBUTION SYSTEM	NAVFAC	EICO		Jc
16403A	MOTOR CONTROL CENTERS, SWITCHBOARDS AND PANELBOARDS	USACE	CECW-ETE	Robert Billmyre	
16404A	480-VOLT STATION SERVICE SWITCHGEAR AND TRANSFORMERS	USACE	CECW-ETE	Robert Billmyre	
16407	MARINA ELECTRICAL WORK	NAVFAC	EICO		Jc
16410A	AUTOMATIC TRANSFER SWITCH AND BY-PASS/ISOLATION SWITCH	USACE	CECW-ETE	Robert Billmyre	
16410N	AUTOMATIC TRANSFER SWITCHES	NAVFAC	EICO		Jc
16442	SWITCHBOARDS AND SWITCHGEAR	NAVFAC	EICO		Jc
16475A	COORDINATED POWER SYSTEM PROTECTION	USACE	CECW-ETE	Robert Billmyre	
16510	INTERIOR LIGHTING	NAVFAC	EICO		Jc
16520	EXTERIOR LIGHTING	NAVFAC	EICO		Jc
16522N	AIRFIELD LIGHTING	NAVFAC	EICO		Jc
16525A	HELIPAD LIGHTING AND VISUAL NAVIGATION AIDS	USACE	CECW-ETE	Robert Billmyre	
16526A	AIRFIELD AND HELIPORT LIGHTING AND VISUAL NAVIGATION AIDS	USACE	CECW-ETE	Robert Billmyre	
16528A	EXTERIOR LIGHTING INCLUDING SECURITY AND CCTV APPLICATIONS	USACE	CECW-ETE	Robert Billmyre	
16553N	SURGICAL LIGHTING FIXTURES	NAVFAC	EICO		Jc
16710	BUILDING TELECOMMUNICATIONS CABLING	NAVFAC	EICO		Jc

	SYSTEM				
16711	TELECOMMUNICATIONS OUTSIDE PLANT (OSP)	NAVFAC	EICO		Jc
16713N	FIBER OPTIC (FO) OUTSIDE PLANT (OSP) MEDIA	NAVFAC	EICO		Jc
16720N	ADMINISTRATIVE TELEPHONE EQUIPMENT, INSIDE PLANT	NAVFAC	EICO		Jc
16721	INTERCOMMUNICATION SYSTEM	USACE			
16722	PIER TELEPHONE DISTRIBUTION SYSTEMS	NAVFAC	EICO		Jc
16725N	NURSE CALL SYSTEM	NAVFAC	EICO		Jc
16730A	NURSE CALL TONE-VISUAL (NCTV) SYSTEM	USACE			
16731A	NURSE CALL AUDIO-VISUAL (NCAV) SYSTEM	USACE			
16751A	CLOSED CIRCUIT TELEVISION SYSTEMS	USACE	CECW-ETE	Robert Fite	
16755A	RADIO PAGING SYSTEM	USACE	Medical Facilities Center of Expertise CEHNC-MX	John Phillips	
16768A	FIBER OPTIC DATA TRANSMISSION SYSTEM	USACE	CECW-ETE	Robert Fite	
16770	RADIO AND PUBLIC ADDRESS SYSTEMS	USACE			
16783N	COMMUNITY ANTENNA TELEVISION (CATV) SYSTEMS	NAVFAC	EICO		Jc
16785A	TELEVISION SIGNAL RECEPTION SYSTEM	USACE			
16790A	STAND-ALONE ONE-WAY RADIO CONTROL SYSTEM	USACE	CECW-ETE	Robert Fite	
16792A	WIRE LINE DATA TRANSMISSION SYSTEM	USACE	CECW-ETE	Robert Fite	
16794A	COAXIAL CABLE DATA TRANSMISSION SYSTEM	USACE	CECW-ETE	Robert Fite	
16797A	ONE-WAY FM RADIO DATA CONTROL SYSTEM	USACE	CECW-ETE	Robert Fite	
16798A	TWO-WAY RADIO DATA ETHERNET TRANSMISSION SYSTEM	USACE	CECW-ETE	Robert Fite	
16815A	CABLE TELEVISION PREMISES DISTRIBUTION SYSTEM	USACE			
16822N	INTERCOMMUNICATION SYSTEM	NAVFAC	EICO		Jc
16905	ELECTRICAL EQUIPMENT FOR GATE HOIST	USACE			
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