

Summary Item: G10 Site Preparation

Uniformat II WBS Code	Description	Quantity	Unit
G1010	SITE CLEARING		
312213200130	Rough grading sites, 1100-3000 S.F., skid steer & labor	1.0	EA
SUBTOTAL	SITE CLEARING	1.0	LS

Uniformat II WBS Code	Description	Quantity	Unit
G1020	SITE DEMOLITION & RELOCATIONS		
024113380100	Selective demolition, hose bib, cap	1.0	EA
028510301203	Removal of bioxide tank, pull and load tank, backfill hole, 1500 gallon	1.0	EA
024113381600	Selective demolition, water & sewer piping & fittings, plastic Pipe, 3/4" - 4", diameter, excludes excavation	99.0	LF
024113381700	Selective demolition, water & sewer piping & fittings, plastic Pipe, 6"-8", diameter, excludes excavation	40.0	LF
024113382000	Selective demolition, water & sewer piping & fittings, 3"	27.0	LF
024113420300	Selective demolition, valve box, with hatch, 60"x48"	120.0	SF
220505102198	Pump, 230 volt, 12.5 hp, 102 gpm, selective demolition	1.0	EA
024113760100	Selective demolition, wet well, casing & gravel pack, 12' deep	1.0	EA
024113801760	Fencing demolition, remove wood fence, to 6' high, minimum	285.0	LF
312213103010	Rough grading, open site, large area, 75 H.P., dozer	5.0	CSY
SUBTOTAL	SITE DEMOLITION & RELOCATIONS	1.0	LS

Uniformat II WBS Code	Description	Quantity	Unit
G1030	SITE EARTHWORK		
312216101050	Fine grading, fine grade for small irregular areas, to 15,000 S.Y.	155.0	SY
329219130310	Seeding, mechanical seeding, fine grading and seeding, with equipment, includes lime, fertilizer & seed	155.0	SY
SUBTOTAL	SITE EARTHWORK	1.0	LS

Uniformat II WBS Code	Description	Quantity	Unit
G1090	OTHER SITE PREPARATION		
312514161000	Synthetic erosion control, silt fence, install and maintain, remove, 3' high	300.0	LF
SUBTOTAL	OTHER SITE PREPARATION	1.0	LS

Summary Item: G20 Site Improvements

Uniformat II WBS Code	Description	Quantity	Unit
G2020	PARKING LOTS		
312323251100	Compaction, airports, subgrade, non cohesive soils, 95% proctor, 12" depth	127.0	SY
312216101050	Fine grading, fine grade for small irregular areas, to 15,000 S.Y.	127.0	SY
312316164010	Excavating, structural, bank measure, gravel bedding, fine grade by hand	1,139.0	SF
321123230100	Base course drainage layers, aggregate base course for roadways and large paved areas, stone base, compacted, 3/4" stone base, to 6" deep	127.0	SY
SUBTOTAL	PARKING LOTS	1.0	LS

Uniformat II WBS Code	Description	Quantity	Unit
G2040	SITE DEVELOPMENT		
323113200500	Fence, chain link industrial, galvanized steel, 6 ga. wire, 2" posts @ 10' OC, 6' high, includes excavation, & concrete	150.0	LF
323123100400	Fences & gates, for posts set in concrete, add	15.0	EA
323113205060	Fence, chain link industrial, double swing gates, 6' high, 12' opening, includes excavation, posts & hardware in concrete	1.0	OPN
323113351000	Fence, interior, chain link, galvanized steel, post 10' O.C., 1-5/8" rail, 6 ga. wire, 6' high, excludes excavation, add for corner post	4.0	EA
323113308670	Fence, chain link, gates & posts, end posts, chain link fence, galvanized steel, (1/3 post length in ground), 3" OD, 6', set in concrete, includes excavation	2.0	EA
323113401750	Fence, fabric & accessories, extension arms, 3 strands, barbed wire	15.0	EA
323113401650	Fence, fabric & accessories, barbed wire, galvanized, cost per strand	450.0	LF
031113652150	C.I.P. concrete forms, slab on grade, curb, wood, 6" to 12' high, 4 use, includes erecting, bracing, stripping and cleaning	30.0	SFC
032211100300	Welded wire fabric, plain, sheets, 6 x 6 - W2.9 x W2.9 (6 x 6) 42 lb. per C.S.F., ASTM A185, incl labor for accessories, excl material for accessories	3.0	CSF
031516302000	Expansion joint, premolded, bituminous fiber, 1/2" x 6"	20.0	LF
033113350300	Structural concrete, ready mix, heavyweight, 4000 psi, includes local aggregate, sand, Portland cement (Type I) and water, delivered, excludes all additives and treatments	5.0	CY
033113702400	Structural concrete, placing, spread footing, direct chute, under 1 C.Y., includes leveling (strike off) & consolidation, excludes material	4.0	CY
033513300125	Concrete finishing, fresh concrete flatwork, floors, basic finishing for unspecified flatwork, bull float & manual float, excl placing, striking off & consolidating	216.0	SF
033923130300	Concrete surface treatment, curing, sprayed membrane compound	2.2	CSF

Summary Item: G20 Site Improvements

033053403540	Structural concrete, in place, equipment pad (3000 psi), 1' x 1' x 6", includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing	1.0	EA
SUBTOTAL	SITE DEVELOPMENT	1.0	LS

Project: Replace East Lift Station

Park: Gulf Islands National Seashore, Escambia County, Florida

Park Alpha: GUI3

PMIS: 303760

Summary Item: G20 Site Improvements

Uniformat II WBS Code	Description	Quantity	Unit
G2050	LANDSCAPING		
329113161050	Soil preparation, mulching, filter fabric weed barrier	165.0	SY
320610100450	Sidewalks, driveways, and patios, sidewalks, concrete, excludes base, for 4" thick bank run gravel base, add	1,139.0	SF
312216101050	Fine grading, fine grade for small irregular areas, to 15,000 S.Y.	127.0	SY
312316164010	Excavating, structural, bank measure, gravel bedding, fine grade by hand	1,139.0	SF
SUBTOTAL	LANDSCAPING	1.0	LS

Project: Replace East Lift Station

Park: Gulf Islands National Seashore, Escambia County, Florida

Park Alpha: GUI5

PMIS: 303760

Summary Item: G30 Site Mechanical Utilities

Uniformat II WBS Code	Description	Quantity	Unit
93020	SANITARY SEWER		
312316131376	Excavating, trench or continuous footing, common earth, 1-1/2 C.Y. excavator, 10' to 14' deep, includes trench box, excludes dewatering	76.0	BCY
333113252000	Public sanitary utility sewerage piping, piping polyvinyl chloride pipe, B & S, 20' lengths, 4" diameter, GDR 35, excludes excavation or backfill	20.0	LF
333113252040	Public sanitary utility sewerage piping, piping polyvinyl chloride pipe, B & S, 20' lengths, 6" diameter, GDR 35, excludes excavation or backfill	20.0	LF
333113253720	Cleanout HDPE, pipe fittings, 4"	1.0	EA
333113253910	Fitting, cleanout wye, HDPE, 4"	1.0	EA
312323170020	Fill, dumped material, spread, by dozer, excludes compaction	92.0	LCY
312323160100	Fill by borrow and utility bedding, for pipe and conduit, crushed stone, 3/4" to 1/2", excludes compaction	5.0	LCY
333213132500	Packaged utility lift station, packaged sewage lift station, excludes fencing or external piping	1.0	EA
312323160050	Fill by borrow and utility bedding, for pipe and conduit, crushed or screened bank run gravel, excludes compaction	92.0	LCY
312323131220	Backfill, trench, 40 - 60 H.P. front-end loader, excludes compaction	92.0	LCY
312323160500	Fill by borrow and utility bedding, for pipe and conduit, compacting bedding in trench	80.0	ECY
221113780066	Pipe, plastic, high density polyethylene (HDPE), single wall, straight, welded, based on 40' length, 3" diam, includes fittings & hangers	20.0	LF
221113780078	Pipe, plastic, high density polyethylene (HDPE), single wall, straight, welded, based on 40' length, 4" diam., DR 17, add 1 weld per joint, excludes hangers, trenching, backfill, hoisting or digging equipment	20.0	LF
SUBTOTAL	SANITARY SEWER	1.0	LS

Project: Replace East Lift Station

Park: Gulf Islands National Seashore, Escambia County, Florida

Park Alpha: GUI5

PMIS: 303760

Summary Item: G30 Site Mechanical Utilities

Uniformat II WBS Code	Description	Quantity	Unit
03080	OTHER SITE MECHANICAL UTILITIES		
312316131376	Excavating, trench or continuous footing, common earth, 1-1/2 C.Y. excavator, 10' to 14' deep, includes trench box, excludes dewatering	54.0	BCY
333113100450	Sanitary sewage, plug valves, HDPE, 3" size	2.0	EA
333113100450	Sanitary sewage, plug valves, HDPE, 4" size	4.0	EA
221113780078	Pipe, plastic, high density polyethylene (HDPE), single wall, straight, welded, based on 40' length, 4" diam., DR 17, add 1 weld per joint, excludes hangers, trenching, backfill, hoisting or digging equipment	40.0	LF
232120880240	flow meter, magnetic-inductive, 4" diameter	1.0	EA
312323131220	Backfill, trench, 40 - 60 H.P. front-end loader, excludes compaction	65.0	LCY
312323160500	Fill by borrow and utility bedding, for pipe and conduit, compacting bedding in trench	54.0	BCY
SUBTOTAL	OTHER SITE MECHANICAL UTILITIES	1.0	LS

Project: Replace East Lift StationPark: Gulf Islands National Seashore, Escambia County, FloridaPark Alpha: GUI5PMIS: 303760

Summary Item: G40 Site Electrical Utilities

Uniformat II WBS Code	Description	Quantity	Unit
G4010	ELECTRICAL DISTRIBUTION		
263623100040	Automatic transfer switches, enclosed, 120/208V three phase, NEMA 3R enclosure, 200 amp	1.0	EA
031505050300	Anchor rings, in concrete masonry unit, 3/8" diameter rod x 2" diameter ring	4.0	EA
050523100600	Bolt, hex head, plain steel, 3/8" dia x 1" L, A307, incl nut & washer	8.0	EA
260529204120	Channel, steel, 14 gauge, 1-5/8" x 1-5/8"	12.0	LF
260529204178	Z fitting, steel channel, 3 hole, material only, 1-5/8"	8.0	EA
260529204250	Spring nuts, steel channel, long, 3/8"	8.0	EA
263213132220	Generator set, propane, 3 phase 4 wire, 120/208 V, 80 kW, incl battery, charger, & automatic transfer switch, excl conduit, wiring, & concrete	1.0	EA
033053403590	Structural concrete, in place, equipment pad (3000 psi), 8' x 4' x 6", includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing	1.0	EA
221519106210	Propane, 250 gallon tank; excludes concrete pad	1.0	EA
2.60527E+11	Grounding rod, copper clad, 10' long, 5/8" diameter	4.0	EA
260526806310	Ground conductor bonding, cadweld, splice or lug, 4/0 - 300 kcmil	1.0	EA
260526806030	Ground wire, copper, bare stranded, 4/0, laid in trench, excl trenching & backfill	0.1	MLF
260519353000	Crimp 1 hole lugs, copper or aluminum, 600 volt, 4/0	1.0	EA
260526802730	Exothermic weld, 4/0 wire to 1" ground rod	4.0	EA
260534181700PJE	Inspection Well - Ground - w / Cast Iron Lid	1.0	EA
312316140450	Excavating, chain trencher, utility trench, common earth, 12 H.P., 6" wide, 36" deep, chain trencher, operator walking	80.0	LF
262726202482	Duplex receptacle, ground fault interrupting, 20 amp	1.0	EA
260580100050	Motor connections, flexible conduit and fittings, 1 phase, 115 volt, 2 HP motor	1.0	EA
2605100042	Power Connections to equipment furnished by others 2#12+gnd	1.0	EA
260533161530	Outlet boxes, cast, duplex receptacle cover, 1 gang, FG	1.0	EA
260533161600	Outlet boxes, cast, weatherproof receptacle cover, 1 gang	1.0	EA
260580100150	Motor connections, flexible conduit and fittings, 3 phase, 230 volt, 15 HP motor	2.0	EA
262419200UGR	New pump controller furnished with lift station mounted by electric	1.0	EA
262816100142	60 Amp Three Pole Circuit Breaker Panelboard Termination	2.0	EA
262816100102	20 Amp Single Pole Circuit Breaker Panelboard Termination	2.0	EA
262816100138	20 Amp Three Pole Circuit Breaker Panelboard Termination	1.0	EA
2605100042	Power Connections to equipment furnished by others 2#12+gnd	1.0	EA
312323130300	Backfill, 6" layers, compaction in layers, hand tamp, add	3.7	ECY

Project: Replace East Lift Station

Park: Gulf Islands National Seashore, Escambia County, Florida

Park Alpha: GUI5

PMIS: 303760

Summary Item: G40 Site Electrical Utilities

337119154220	Electrical Underground Ducts and Manholes, adapter, PVC, schedule 80, 3/4" diameter, installed by direct burial in slab or duct bank	6.0	EA
337119154230	Electrical Underground Ducts and Manholes, adapter, PVC, schedule 80, 1" diameter, installed by direct burial in slab or duct bank	6.0	EA
337119154250	Electrical Underground Ducts and Manholes, adapter, PVC, schedule 80, 2" diameter, installed by direct burial in slab or duct bank	2.0	EA
260533351400	Flexible metallic conduit, sealite, 2" diameter	1.0	LF
260533351090	Flexible metallic conduit, sealite, 3/4" diameter	4.0	LF
260519901200	Wire, copper, stranded, 600 volt, #12, type THWN-THHN, in raceway	5.6	CLF
260519901700	Wire, copper, stranded, 600 volt, 3/0, type THWN-THHN, in raceway	2.2	CLF
260519901350	Wire, copper, stranded, 600 volt, #6, type THWN-THHN, in raceway	3.9	CLF
260533256300	Conduit fittings for rigid galvanized steel, explosion proof, flexible coupling, 1" diameter, 12" long	2.0	EA
260533256180	Conduit fittings for rigid galvanized steel, explosion proof, flexible coupling, 3/4" diameter, 12" long	1.0	EA
312323130040	Backfill, common earth, by hand, no compaction	3.7	LCY
337119152050	Rigid galvanized steel, 40 mil plastic coated, with coupling, 2" diameter, installed by direct burial in slab or duct bank, excludes excavation, backfill and cast in place concrete	2.0	LF
260533257830	Conduit fittings for rigid galvanized steel, explosion proof, sealing fitting, vertical/horizontal, 3/4" diameter	1.0	EA
260533257840	Conduit fittings for rigid galvanized steel, explosion proof, sealing fitting, vertical/horizontal, 1" diameter	2.0	EA
260533351460	Flexible metallic conduit, sealite assembly, conduit w/ connectors, 2" diameter, 3'	1.0	EA
260519350250	Terminal lugs, solderless, 3/0	24.0	EA
260533134150	Rigid galvanized steel plastic coated conduit, 40 mil. thick, 3/4" diameter, to 15' high, incl 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 LF	90.0	LF
260519350100	Terminal lugs, solderless, #8 to #4	18.0	EA
337119152150	Rigid galvanized steel, 40 mil plastic coated, elbows, 2" diameter, installed by direct burial in slab or duct bank	2.0	EA
260519350050	Terminal lugs, solderless, #16 to #10	36.0	EA
260533161520	Outlet boxes, cast, switch cover, 2 gang, F0	3.0	EA
312316140800	Excavating, utility trench, common earth, 12 H.P., 12" wide, 36" deep, chain trencher, operator walking	3.7	CY
260533161544	Outlet boxes, cast, weatherproof blank cover, 2 gang	3.0	EA
260533134250	Rigid galvanized steel plastic coated conduit, 40 mil. thick, 2" diameter, to 15' high, incl 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 LF	10.0	LF
260533258020	Conduit fittings for rigid galvanized steel, plastic coated 40 mil thick, LB, LR or LL conduit body w/cover, 3/4" diameter	2.0	EA
260533134530	Rigid galvanized steel plastic coated conduit elbows, 2" diameter, to 15' high	2.0	EA

Project: Replace East Lift StationPark: Gulf Islands National Seashore, Escambia County, FloridaPark Alpha: GUISPMIS: 303760Summary Item: **G40 Site Electrical Utilities**

260533152760	Rigid galvanized steel conduit nipples, 3/4" diameter, 12" long, incl locknuts and bushings	1.0	EA
337119152250	Rigid galvanized steel, 40 mil plastic coated, union, 2" diameter, installed by direct burial in slab or duct bank	2.0	EA
260533258030	Conduit fittings for rigid galvanized steel, plastic coated 40 mil thick, LB, LR or LL conduit body w/cover, 1" diameter	6.0	EA
260533259080	Conduit fittings for rigid galvanized steel, plastic coated 40 mil thick, unions, 3/4" diameter	1.0	EA
260533259090	Conduit fittings for rigid galvanized steel, plastic coated 40 mil thick, unions, 1" diameter	2.0	EA
260519900960	Wire, copper, solid, 600 volt, #10, type THWN-THHN, in raceway	2.3	CLF
337119154020	Electrical Underground Ducts and Manholes, PVC, with DB coupling, schedule 80, 3/4" diameter, installed by direct burial in slab or duct bank, excludes excavation, backfill and cast in place concrete	50.0	LF
337119154030	Electrical Underground Ducts and Manholes, PVC, with DB coupling, schedule 80, 1" diameter, installed by direct burial in slab or duct bank, excludes excavation, backfill and cast in place concrete	70.0	LF
337119154050	Electrical Underground Ducts and Manholes, PVC, with DB coupling, schedule 80, 2" diameter, installed by direct burial in slab or duct bank, excludes excavation, backfill and cast in place concrete	20.0	LF
337119154120	Electrical Underground Ducts and Manholes, elbows, PVC, schedule 80, 3/4" diameter, installed by direct burial in slab or duct bank	6.0	EA
337119154130	Electrical Underground Ducts and Manholes, elbows, PVC, schedule 80, 1" diameter, installed by direct burial in slab or duct bank	6.0	EA
337119154150	Electrical Underground Ducts and Manholes, elbows, PVC, schedule 80, 2" diameter, installed by direct burial in slab or duct bank	2.0	EA
260505251588	Remove 30 KW - 75 KW Generator	1.0	EA
260505350640	Transfer Switches, enclosed, 200 A, electrical demolition, remove	1.0	EA
260505352060	Pump Controller, electrical demolition, remove	1.0	EA
260505101160	Safety switches, 250 or 600 V, 200 amp, electrical demolition, remove, including disconnection of wire & conduit terminations	1.0	EA
260505101835	Remove Wire from Conduit #2/0 - #4/0	0.2	MLF
260505101833	Remove Wire from Conduit #8 - #4	0.4	MLF
260505101832	Remove Wire from Conduit #18 - #10	0.6	MLF
260505100100	Conduit, rigid galvanized steel, 1/2" to 1" diameter, electrical demolition, remove conduit to 15' high, including fittings & hangers	15.0	LF
260505100120	Conduit, rigid galvanized steel, 1-1/4" to 2" diameter, electrical demolition, remove conduit to 15' high, including fittings & hangers	10.0	LF

Project: Replace East Lift Station

Park: Gulf Islands National Seashore, Escambia County, Florida

Park Alpha: GUIS

PMIS: 303760

Summary Item: GC Standard General Conditions

Uniformat II WBS Code	Description	Quantity	Unit
BASE CODE	BASE ELEMENT		
FA-CIVLS	Civil Superintendents (P.M.)	1,040.0	HR
T5027320	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X4	1,040.0	HR
015213201400	Toilet, portable, chemical, rent per month	12.0	MO
	Payment and Performance Bond - 2% of Total Direct Construction Cost	1.0	LS
SUBTOTAL	BASE ELEMENT	1.0	LS

Project: Replace East Lift Station

Park: Gulf Islands National Seashore, Escambia County, Florida

Park Alpha: GUIS

PMIS: 303760

Summary Item: GC Government General Conditions

Uniformat II WBS Code	Description	Quantity	Unit
BASE CODE	BASE ELEMENT		
FA-CIVLS	Civil Superintendents (P.M.)	520.0	HR
T50Z7320	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X4	520.0	HR
SUBTOTAL	BASE ELEMENT	1.0	LS