



PROJECT INFORMATION	
PROJECT NAME: DEP IV Evaporative Cooling Reclaimed Water Conversion	DATE COMPLETED: APRIL 20, 2020
PROJECT NUMBER: 19143002	PROJECT MANAGER: CHRISTOPHER HARRIS
SQUARE FOOTAGE: N/A	COST PER SQUARE FOOT: N/A
PROJECT DESCRIPTION: INSTALLATION OF EVAPORATIVE COOLING RECLAIMED WATER LINE AT DISTRICT ENERGY PLANT IV. THIS PROJECT IS ESTIMATED TO SAVE UP TO 30,000,000 GALLONS OF POTABLE WATER PER YEAR, SIGNIFICANTLY REDUCE UCF'S WATER TREATMENT COSTS, PROVIDES N+1 RESILIENCY TO UCF'S WATER SOURCE SUPPLY, AND WILL ALLOW UCF TO MAINTAIN CONSUMPTION WELL BELOW ALLOWABLE MAXIMUMS.	

### PROJECT IMAGES





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PROJECT COST	
<b>DESIGN COST</b>	<b>\$ 41,150.00</b>
ARCHITECT / ENGINEER / INTERIOR DESIGN	\$ 41,150.00
<b>CONSTRUCTION COST</b>	<b>\$ 511,676.24</b>
DIVISION 1 - GENERAL REQUIREMENTS (DUMPSTERS, ETC.)	\$ 11,000.00
DIVISION 2 - EXISTING CONDITIONS	\$ -
DIVISION 3 - CONCRETE	\$ -
DIVISION 4 - MASONRY	\$ -
DIVISION 5 - METALS	\$ -
DIVISION 6 - WOOD, PLASTICS & COMPOSITES	\$ -
DIVISION 7 - THERMAL & MOISTURE PROTECTION	\$ -
DIVISION 8 - OPENINGS	\$ -
DIVISION 9 - FINISHES	\$ -
DIVISION 10 - SPECIALTIES	\$ -
DIVISION 11 - EQUIPMENT	\$ -
DIVISION 12 - FURNISHINGS	\$ -
DIVISION 13 - SPECIAL CONSTRUCTION	\$ -
DIVISION 14 - CONVEYING EQUIPMENT	\$ -
DIVISION 21 - FIRE SUPPRESSION	\$ -
DIVISION 22 - PLUMBING	\$ -
DIVISION 23 - HVAC	\$ -
DIVISION 26 - ELECTRICAL	\$ -
DIVISION 27 - COMMUNICATIONS	\$ -
DIVISION 28 - ELECTRONIC SAFETY & SECURITY	\$ -
DIVISION 31 - EARTHWORK	\$ -
DIVISION 32 - EXTERIOR IMPROVEMENT	\$ 19,442.00
DIVISION 33 - UTILITIES	\$ 425,978.00
COMMISSIONING	\$ -
GENERAL LIABILITY	\$ 500.00
GENERAL CONDITIONS (STAFFING, ETC.)	\$ 7,500.00
CONTRACTOR'S FEE (OVERHEAD & PROFIT)	\$ 39,131.24
PAYMENT & PERFORMANCE BOND (NOT REQ'D IF UNDER \$100K)	\$ 8,125.00
<b>INFORMATION TECHNOLOGIES &amp; RESOURCES COST</b>	<b>\$ -</b>
UCF IT	\$ -
OFFICE OF INSTRUCTIONAL RESOURCES (OIR)	\$ -
<b>FACILITIES &amp; SAFETY COST</b>	<b>\$ 27,058.04</b>
BUILDING CODE OFFICE	\$ 3,517.27
STATE FIRE MARSHALL	\$ -
FP&C PROFESSIONAL MANAGEMENT SERVICES (3%)	\$ 16,483.33
FACILITIES OPERATIONS ALLOWANCE	\$ 7,057.44
CONSTRUCTION CONTINGENCY (10%, REFUNDED IF NOT USED)	\$ -
<b>TOTAL PROJECT COST</b>	<b>\$ 579,884.28</b>

PROJECT TIME		
START	PROJECT SUBMITTED BY CLIENT	2 WEEKS
	SPAA, F&S REVIEW	
	PM ASSIGNED	
	PM CONTACTS REQUESTER	
DESIGN	PM DEVELOPS SCOPE	5.5 MONTHS
	A/E SELECTED	
	A/E PROPOSAL REVIEW	
	MPP TO CLIENT	
	CLIENT APPROVAL AND FUNDING	
	REQUISITION GENERATED	
	PO ISSUED (NOTICE TO PROCEED)	
	A/E DESIGN	
BID/PERMIT	WORKSHOPS	4.5 MONTHS
	PERMIT REVIEWS	
	S/S PERMIT DRAWINGS REC'D	
	PERMIT SUBMISSION	
	BUILDING CODE OFFICE REVIEW	
	STATE FIRE MARSHALL REVIEW	
	CONTRACTOR WALK-THROUGH	
	CONTRACTOR BID	
	PM REVIEWS BID	
	AVP F&S APPROVAL OF BID	
CONSTRUCTION	PM PREPARES MPP	8 MONTHS
	MPP TO CLIENT	
	CLIENT APPROVAL AND FUNDING	
	REQUISITION GENERATED	
	PO ISSUED (NOTICE TO PROCEED)	
	CONSTRUCTION STARTS	
	RFIS, SUBMITTALS, DOCUMENTS	
	PROGRESS REVIEWS	
CLOSE-OUT	PAYMENT APPLICATIONS, INVOICES	2 MONTHS
	INSPECTIONS	
	CERTIFICATE OF COMPLETION	
	CERTIFICATE OF OCCUPANCY	
	BENEFICIAL OCCUPANCY BY CLIENT	
<b>TOTAL PROJECT TIME - 20.5 MONTHS</b>		