

INVITATION TO BID ISLAND WWTP FILTE UPGRADE PROJECT PROJECT NO. B26-PW-107026-500701 ADDENDUM NO. 1 OCTOBER 2, 2025

Attention is called to the following changes, additions, clarifications and/or deletions to the original solicitation and they shall be considered in preparing submissions:

There is no change in the opening date. **Submissions are due no later than 3:00 p.m., Arizona Time, OCTOBER 8, 2025**, at the City Clerk's Office, 2330 McCulloch Blvd. N., Lake Havasu City, AZ 86403.

ITEM ONE (1): QUESTIONS AND ANSWERS

Question 1: Can you clarify "accessories" (pipes, valves, coupling, etc.)?

Answer 1: These items are part of the package from filter equipment manufacturer as necessary to provide a full and complete functioning system.

Question 2: Can you provide a specification for the pumps?

Answer 2: The backwash pumps are part of the package from filter equipment manufacturer, and the design criteria is provided in project specifications DIV 15 Section15501.2.07.D.

Question 3: Sheet M-03 indicates 2 filter Control Panels being replaced. Electrical One-line indicates 1 filter Control Panel. Which is correct?

Answer 3: There is one control panel per filter. The electrical one-line has been updated accordingly to show two control panels (See Exhibit A). The control panels will be identical.

Question 4: One-Line refers to vendor drawings for conduit and wire sizes. Do we have vendor drawings?

Answer 4: No, the City will not provide vendor drawings. Contractors should contact the filter equipment manufacturer for all pertinent bridge equipment related information.

Question 5: Who is responsible for furnish and install of festoon cable system (Note 6 sheet M-03)?

Answer 5: The festoon cable system is a part of the travelling bridge and shall be provided by the filter equipment manufacturer to be installed by the contractor. The existing festoon posts are to be reused. Refer to filter specification 15501.2.08.

Question 6: Where is the existing MCC located?

Answer 6: Refer to Exhibit B of this Addendum.

Question 7: Can you provide specifications on backwash pumps and accessories?

Answer 7: Refer to Specification 15501 for the equipment provided by the filter manufacturer.

Question 8: Are all gratings to be removed and re-installed or will they be replaced?

Answer 8: All existing grating shall be replaced. Refer to drawings and specifications 06611.

Question 9: Please provide a detail for pipe valve and fittings underneath bridge that have to do with backwash pumps?

Answer 9: All the piping and accessories associated with the backwash pumps shall be provided by the filter equipment manufacturer to be installed by the contractor per manufacturer's direction. Refer to filter specification 15501.

Question 10: Will all pipe, valves and fittings be stainless steel?

Answer 10: Refer to Filter Specification 15501.

Question 11: Who will be responsible for removing current media filter?

Answer 11: Contractor is responsible for the removal and replacement of filter media. Filter media is to be ordered through the filter equipment manufacturer.

Question 12: On plan page S-01, what is the repair depth of the concrete? Did we need to go down to or past the rebar?

Answer 12: Per the prebid meeting, the contractor should assume a repair depth of around 3-inches. Rebar is typically 2-3 inches from surface of concrete. In some instances, it may be necessary to go past the rebar.

Question 13: Who provides the travel bridge guide rails?

Answer 13: These are provided by the filter manufacturer per Specification 15501.

Question 14: What equipment is the filter manufacturer providing?

Answer 14: Refer to Specification 15501 for the equipment provided by the filter manufacturer.

Question 15: Is the objective to remove all unsound concrete?

Answer 15: Yes. Power tool cleaning, wire brush, and high pressure wash should remove all unsound concrete, per concrete repair notes on Sheet M-02.

Question 16: Are we required to go behind the rebar to fix the unsound concrete?

Answer 16: There may be spots where that is required.

Question 17: Plan page M-03: What are the specifications for the basin pump(s)?

Answer 17: Refer to Filter Specification 15501.2.07.D

Question 18: Is the grating to be replaced with aluminum or FRP? It is not clear from the plans.

Answer 18: FRP grating per Specification 06611.

Question 19: Are the design drawings from the filter vendor available?

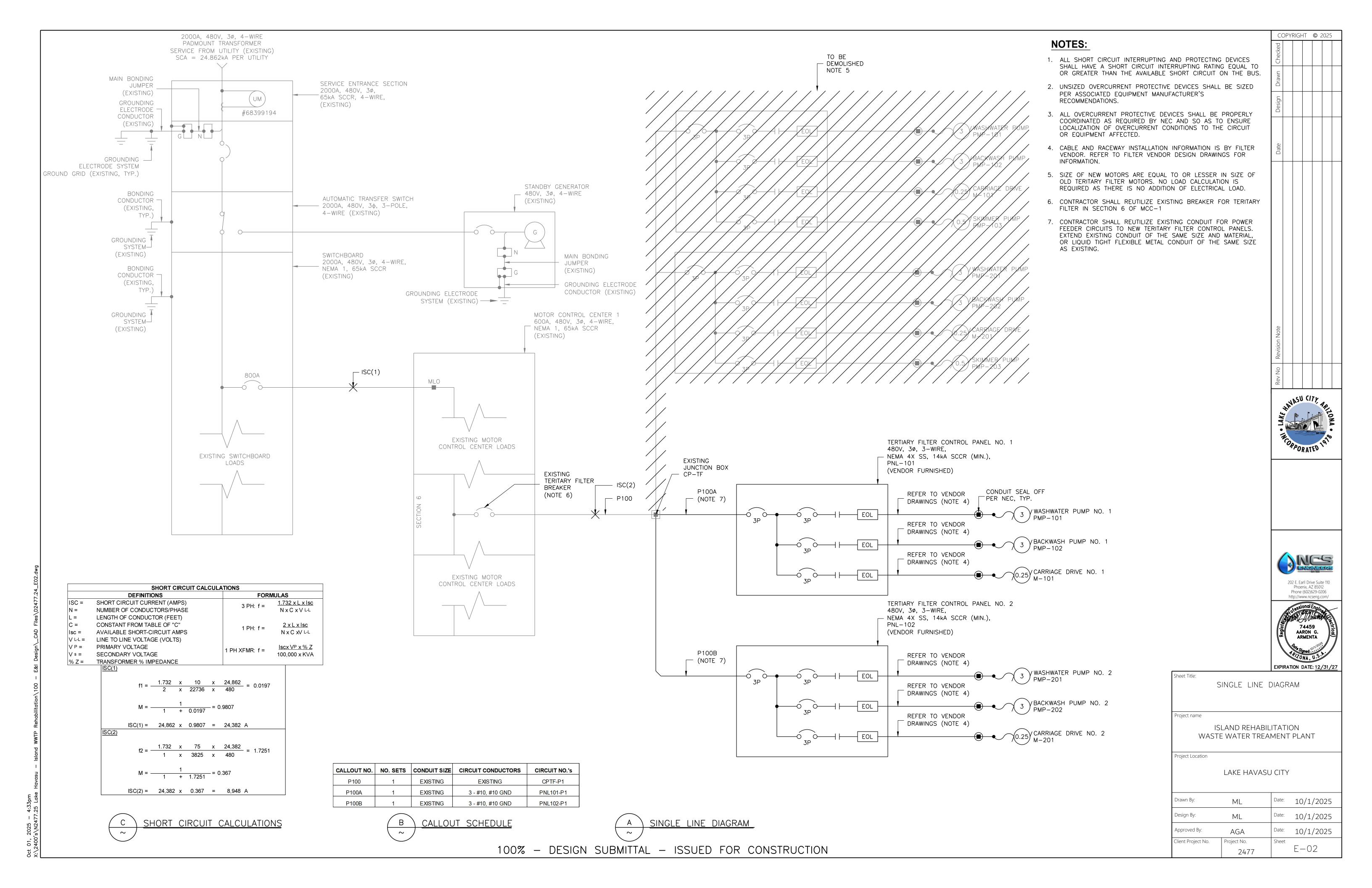
Answer 19: We only have the original design drawing of the control panel and electrical schematic for the filter control panel (See Exhibit C). There are two filter control panels that will be replaced, one for each filter, and they should be identical.

ITEM TWO (2): PRE-BID CONFERENCE ATTENDANCE

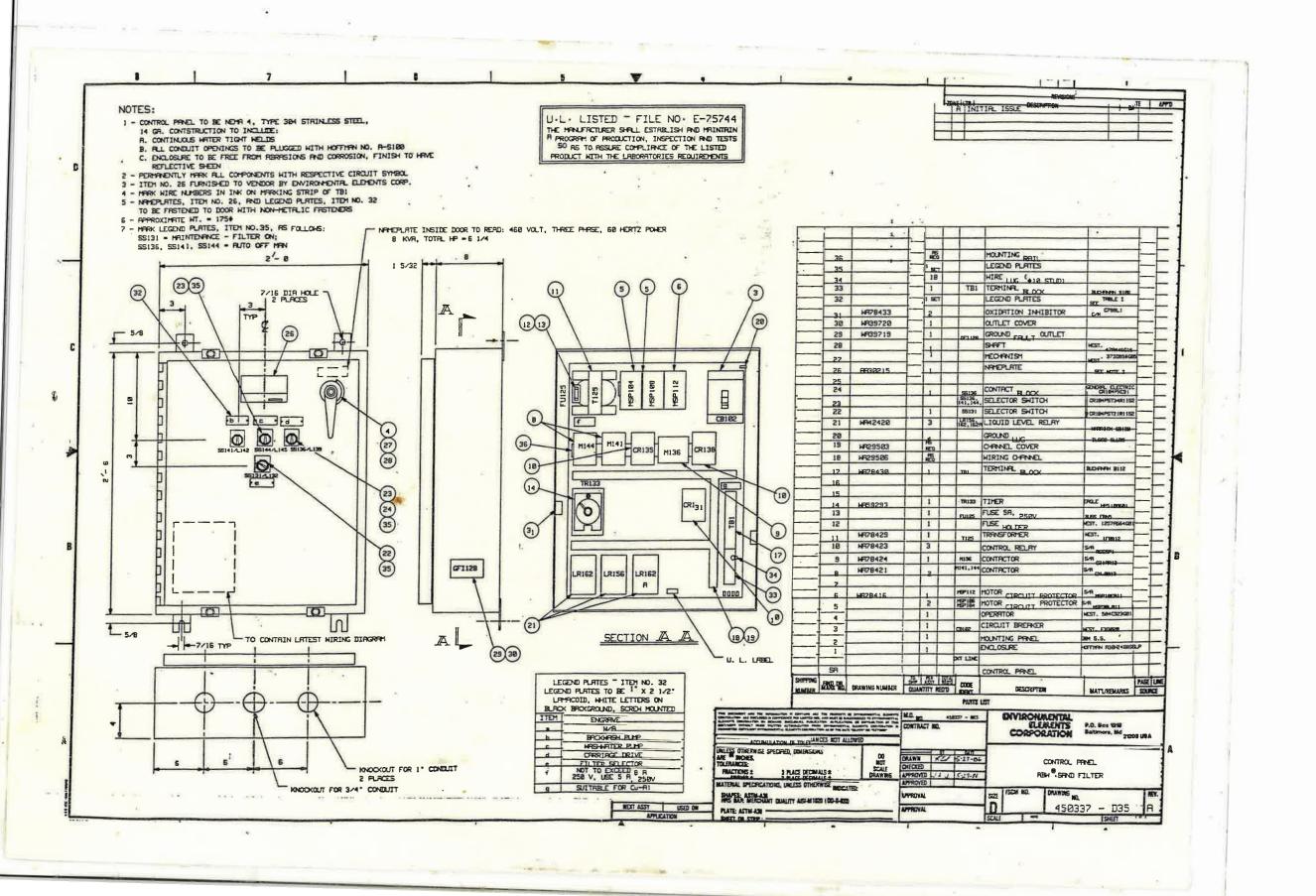
The attendance sign-in sheet from the pre-bid conference is hereby attached (See Exhibit D).

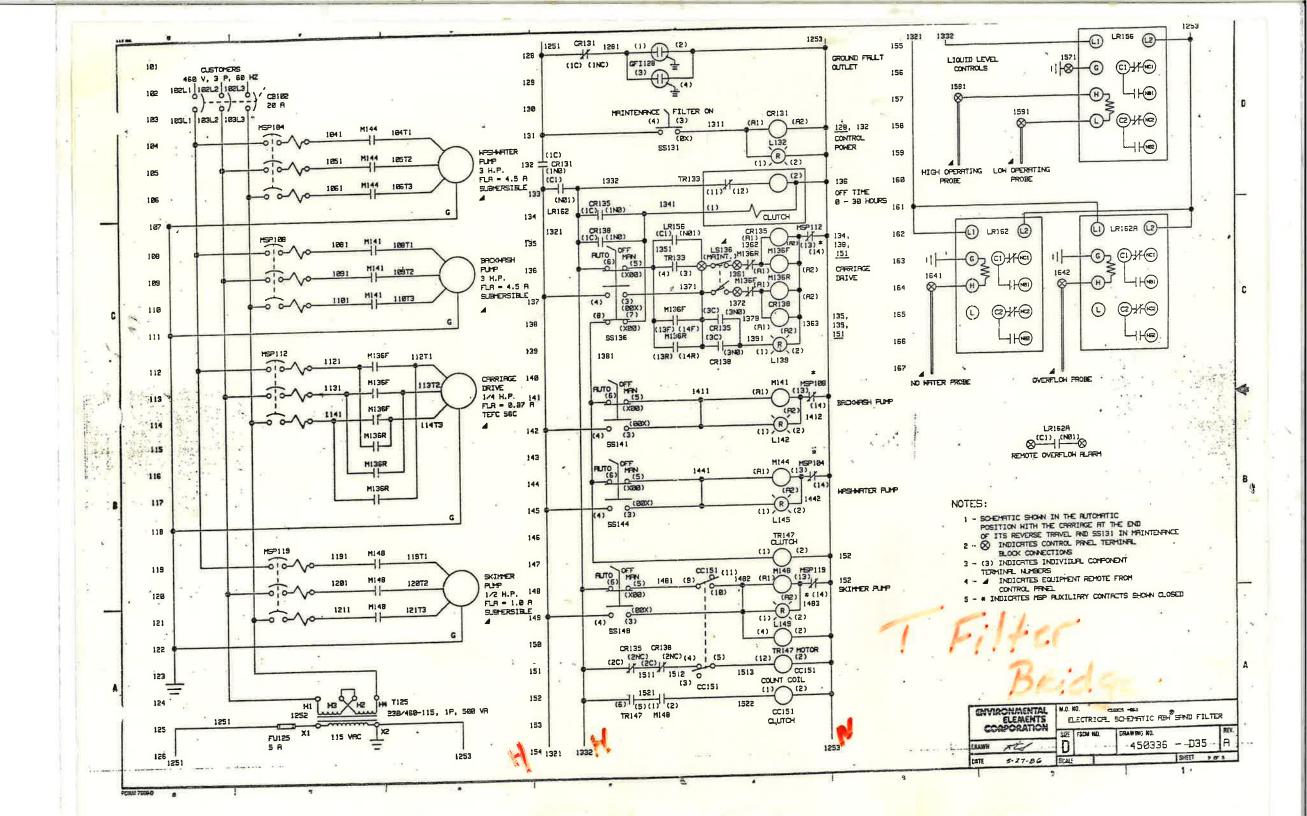
Andrew Klos, CPPB Senior Procurement Specialist

			1								COPYRIGHT	T @ 20
	SCHEMATIC D	IAGRAM SY	MBOLS		POWER SINGLE LINE	DIAGRAN	M SYMBOLS	A AMPERE	ELECTRICAL ABBREVIATIONS JB JUNCTION BOX PO PULSE OUTPUT		COPYRIGHT	© 202
CR	CONTROL RELAY	O O XO	2 POSITION SELECTOR SWITCH POSITION LEGEND: X=CLOSED O=OPEN		JUNCTION BOX WITH POWER DISTRIBUTION BLOCK OR LUGS	AMPS O O POLES	CIRCUIT BREAKER, SHOWN WITH TRIP RATING AND NUMBER OF POLES	AFD ADJUSTABLE FREQUENCY DRIVE AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AI ANALOG INPUT AIC AMPS INTERRUPTING CAPACITY	L, LO LOW PPB POWER PULLBOX LAN LOCAL AREA NETWORK PPG POUNDS PER GALLO LC LOOP CONTROLLER PPH POUNDS PER HOUR LCL LEVEL CONTROL, LOW PPM PARTS PER MILLION LCP LOCAL CONTROL PANEL PR PAIR	N	Drawn Chec	
TD	TIME DELAY RELAY	0 0	3 POSITION SELECTOR SWITCH HAND — OFF — AUTO POSITION O LEGEND: X=CLOSED O=OPEN		CONDUIT SEALOFF	AMPS MCP O O POLES	MOTOR CIRCUIT PROTECTOR WITH TRIP RATING AND NUMBER OF POLES	AO ANALOG OUTPUT AS AIR SUPPLY ATS AUTOMATIC TRANSFER SWITCH BC BYPASS CONTACTOR C CONDUIT CB CIRCUIT BREAKER	LOS LOCK-OUT-STOP LOR LOCAL/OFF/REMOTE LS LEVEL (i.e FLOAT) SWITCH LTC LIQUIDTIGHT FLEXIBLE METAL CONDUIT M MOTOR MA MANUAL/AUTO PRES PRESSURE PSH PRESSURE SWITCH, PSH PRESSURE SWITCH, PSI POUNDS PER SQUAF PV PROCESS VARIABLE RAS RETURN ACTIVATED SERVICE RAS RETURN ACTIVATED	E INCH	Design	
AR	ALARM RELAY	مله	NORMALLY CLOSED PUSH BUTTON	<u> </u>	LTC CONNECTION	AMPS O O POLES	DISCONNECT SWITCH SHOWN WITH RATING AND NUMBER OF POLES	CCW COUNTER CLOCKWISE CL2 CHLORINE CON CONTACTOR CPB CONTROL PULLBOX CU COPPER, BARE CV CONTROL VALVE	MAX MAXIMUM RF RADIO FREQUENCY MC MANUFACTURER'S CABLE RIO REMOTE INPUT OUTF MCB MAIN CIRCUIT BREAKER RS RAW SEWAGE MCC MOTOR CONTROL CENTER RSP RAW SEWAGE PUMP MCP MOTOR CIRCUIT PROTECTOR RST RESET	UT	Date	
ETM	ELAPSED TIME METER		LOCKOUT STOP PUSH BUTTON	~~	MC CONNECTION	MMR	MOTOR MANAGEMENT RELAY	CW CLOCKWISE DCS DISTRIBUTED CONTROL SYSTEM DI DISCRETE INPUT DO DISCRETE OUTPUT DP DISTRIBUTION PANEL	MFR(S) MANUFACTURER(S) MGD MILLION GALLONS PER DAY MGL MILLIGRAMS PER LITER MH MANHOLE MIN MINIMUM RTD RESISTANCE TEMPER RTU REMOTE TELEMETRY RWT REFLECTED WAVE TR SCA SHORT CIRCUIT AMP SCCR SHORT CIRCUIT CUR	UNIT AP S		
M	MOTOR STARTER OR CONTACTOR COIL	0 0	NORMALLY OPEN PUSH BUTTON	_	BOND TO METALLIC WATER PIPE	SPD	SURGE PROTECTIVE DEVICE SOLID STATE	DV/DT DIFFERENTIAL VOLTAGE/TIME DWG DRAWING ED3 ELECTRICAL DISTRICT NO. 3 ETM ELAPSED TIME METER EOL ELECTRONIC OVERLOAD EXIST EXISTING	MOV MOTOR OPERATED VALVE SEQ SERVICE ENTRANCE MMR MOTOR MANAGEMENT RELAY SES SERVICE ENTRANCE MTU MASTER TELEMETRY UNIT SLC SINGLE LOOP CONTRACT SLOS START-LOCK-OUT-S NECA NATIONAL ELECTRICAL CONTRACTOR SMC SUBMERSIBLE MANUL ASSOCIATION SO2 SULFUR DIOXIDE	SECTION OLLER TOP		
PC	PHOTO CELL		EMERGENCY STOP PUSH BUTTON (MAINTAINED)	UM	UTILITY METER	SSS VFD	SOLID STATE STARTER VARIABLE FREQUENCY DRIVE	FA FOUL AIR FC FAIL CLOSED FE FLOW ELEMENT FLA FULL LOAD AMPS FS FLOW SWITCH	N.C. NORMALLY CLOSED SP SET POINT N.O. NORMALLY OPEN SPC SPARE CONDUIT NIC NOT IN CONTRACT SPD SURGE PROTECTIVE NOTC NORMALLY OPEN TIMED CLOSED SPR SPARE NPW NON-POTABLE WATER SS START/STOP			
R	BEACON ALARM LIGHT LETTER INDICATES COLOR R=RED, A=AMBER, B=BLUE, G=GREEN	AMPS O O	DISCONNECT SWITCH SHOWN WITH RATING AND NUMBER OF POLES	HP	MOTOR, NUMBER DESIGNATES NEMA HORSEPOWER SIZE	HF		FVNR FULL VOLTAGE NON—REVERSING FW FINISHED WATER GFCI GROUND FAULT CIRCUIT INTERRUPTER GFP GROUND FAULT PROTECTION GND GROUND	NS NITROGEN SUPPLY SSS SOLID STATE STARTE NTS NOT TO SCALE ST SHUNT TRIP NTU TURBIDITY TC TELEPHONE CABLE OF OVERFLOW TS TEMPERATURE SWITC OIT OPERATOR INTERFACE TERMINAL TVSS TRANSIENT VOLTAGE			
R	PILOT LIGHT LETTER INDICATES COLOR R=RED, A=AMBER, B=BLUE, G=GREEN	0~10	LIMIT OR POSITION SWITCH	AMPS	FUSE FUSEHOLDER OR	EOL	ELECTRONIC OVERLOAD RELAY GROUND CONNECTION	GPD GALLONS PER DAY GPH GALLONS PER HOUR GPM GALLONS PER MINUTE GRS GALVANIZED RIGID STEEL H, HI HIGH H2S HYDROGEN SULFIDE	OL OVERLOAD TYP TYPICAL OLR OVERLOAD RELAY UG UNDERGROUND OO ON/OFF (MAINTAINED) UL UNDERWRITERS LABO OR OFF-REMOTE UM UTILITY METER OSC OPEN/STOP/CLOSE UNO UNLESS NOTED OTH P PHASE V VOLT	ERWISE		
~~~	OUTPUT DV/DT FILTER	PSH	PRESSURE SWITCH HIGH	0 D	FUSEBLOCK  GENERATOR	~~	TRANSFORMER	HMI HUMAN MACHINE INTERFACE HOA HAND-OFF-AUTO HOR HAND-OFF-REMOTE I CURRENT IC INSTRUMENTATION CABLE ICR INTERMITTENT CYCLE REACTOR	PB PULL BOX PCP PROCESS CONTROL PANEL PCV PRESSURE CONTROL VALVE PFR PHASE/POWER FAILURE RELAY PI PULSE INPUT PLC PROGRAMMABLE LOGIC CONTROLLER  VFD VARIABLE FREQUENC WASTE ACTIVATED SI WP WEATHERPROOF XFMR TRANSFORMER XMR TRANSFORMER		evision Note	
0~~~0	HEATING ELEMENT	PSLO	PRESSURE SWITCH LOW		CITE DI AA		CONTACTOR	IO INPUT/OUTPUT ISC SHORT CIRCUIT CURRENT	PLI PLANT INFLUENT XMTR TRANSMITTER PMP PUMP ZS POSITION (i.e., LIMIT PNL PANEL	) SWITCH	Rev No	
· · · ·	TRANSFORMER				SITE PLAN		5	ELECTRICAL LINETYPES	GENERAL NOTES		HAVASU	CITY
) (I			FLOW SWITCH	<b>▼</b>	TELEPHONE OUTLET	•	FIELD DEVICE	EXPOSED CONDUIT	1. THE COMPLETED INSTALLATION SHALL COMPLY WITH LATEST REVISION OF APPLICATIONAL CODES, ORDINANCES, AND REGULATIONS. THE CONTRACTOR SHALL OBTAIN INSPECTIONS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION. ALL WORK SINEAT, WORKMANLIKE MANNER IN ACCORDANCE WITH THE LATEST NECA STANDARD COMPETENT SUPERVISION. INSTALL GROUNDING PER NEC.	NECESSARY PERMITS AND HALL BE COMPLETED IN A	· LAKE	
301	CURRENT TRANSFORMER	7	LEVEL FLOAT SWITCH  TIMER RELAY CONTACT	\$	SINGLE POLE SWITCH	•	GROUND ROD	EXISTING EXPOSED CONDUIT	VISIT THE SITE PRIOR TO BIDDING TO BECOME FAMILIAR WITH EXISTING CONDITION WHICH MAY AFFECT THE EXECUTION OF THE WORK. INCLUDE ALL RELATED COSTS PROPOSAL.		ICORPOR	ATED
=	GROUND CONNECTION	→ ICTO	INSTANTANEOUS CLOSE TIME DELAY OPEN	\$3	3 WAY SWITCH	Ф	DUPLEX RECEPTACLE	——————————————————————————————————————	<ul><li>3. THE CONTRACTOR SHALL COORDINATE WORK WITH THE UTILITIES PROVIDING SERV AND SHALL COMPLY WITH ALL THEIR INSTALLATION REQUIREMENTS.</li><li>4. ALL MATERIALS SHALL BE NEW AND OF THE BEST QUALITY, MANUFACTURED IN A</li></ul>	CCORDANCE WITH THE		
	GENERATOR	ONOTC	TIMER RELAY CONTACT NORMALLY OPEN TIME DELAY CLOSE	\$4	4-WAY SWITCH		ANTENNA MAST	——————————————————————————————————————	LATEST REVISION OF NEMA, ANSI, UL, OR OTHER APPLICABLE STANDARDS. THE UNAMES, MODELS, AND NUMBERS IS INTENDED TO ESTABLISH STYLE, QUALITY, APPLICATION OF AND BID PRICE.  5. PROTECT ALL ELECTRICAL MATERIAL AND EQUIPMENT INSTALLED AGAINST DAMAGE	PEARANCE, USEFULNESS,		
HORN	HORN  FULL VOLTAGE NON-REVERSI	0- <u>5</u> 0	TEMPERATURE SWITCH	\$м	MANUAL MOTOR STARTER		CONDUIT SEALOFF	BARE COPPER GROUND CONDUCTOR	WEATHER CONDITIONS, OR ANY OTHER PREVENTABLE CAUSES. EQUIPMENT DAMAG CONSTRUCTION, PRIOR TO ACCEPTANCE BY THE ENGINEER OR THE OWNER, WILL DEFECTIVE.  6. LEAVE THE SITE CLEAN. REMOVE ALL DEBRIS, EMPTY CARTONS, TOOLS, CONDUIT,	BE REJECTED AS		
- +	(FVNR) MOTOR STARTER OR CONTACTOR NUMBER DESIGNATES NEMA SIZE	AMPS	FUSE		SPECIAL PURPOSE OR WELDING OUTLET		DISCONNECT SWITCH	EXISTING OR FUTURE	MISCELLANEOUS SPARE EQUIPMENT AND MATERIALS USED IN THE WORK DURING COMPONENTS SHALL BE FREE OF DUST, GRIT AND FOREIGN MATERIALS, LEFT AS ACCEPTANCE OF WORK. DAMAGED PAINT AND FINISHES SHALL BE TOUCHED UP (MATCHING COLOR PAINT AND FINISH.	CONSTRUCTION. ALL NEW BEFORE FINAL	202 E. Earll Phoeniv Phone (6	
$\dashv\vdash$	NORMALLY OPEN CONTACT	0110	FUSEHOLDER OR FUSEBLOCK	S	SMOKE DETECTOR	M	MOTOR		7. CIRCUIT CONDUCTORS #6 AWG OR SMALLER SHALL BE THWN STRANDED COPPER AWG SHALL BE XHHW STRANDED COPPER, UNLESS OTHERWISE NOTED ON PLANS SHALL BE XHHW-2 STRANDED COPPER. MINIMUM POWER CONDUCTOR SIZE SHAL AWG GROUND, UNLESS OTHERWISE NOTED ON PLANS.	. #1 AWG OR LARGER	kolession Signatura	4459
<b>-</b> }/-	NORMALLY CLOSED CONTACT	000	THERMAL OVERLOAD RELAY	T	THERMOSTAT	0	CONDUIT TURN UP	///////////////////// DEMOLITION	8. UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC. MINIMUM CONDUIT DEPT MINIMUM UNDERGROUND CONDUIT SIZE SHALL BE 1 INCH.  9. CONDUITS SHALL BE MARKED AT EACH END WITH MATCHING NUMBERED BRASS 1		A RIZON	
DI O	RTU OR PLC CONTACT	•	TERMINAL BLOCK			•	CONDUIT TURN DOWN		SHALL HAVE A PULL STRING INSTALLED, SECURED, AND CAPPED.  10. EXPOSED CONDUITS SHALL BE GALVANIZED RIGID STEEL (GRS). MINIMUM SIZE 3/4 INCH, UNLESS OTHERWISE NOTED ON THE PLANS.		EXPIRATION DATES,  AND LEGENDS	
		Δ	DEVICE LOCATED AT REMOTE LOCATION		CIRCUIT SCHE	DULE LEG	GEND	E— — — CAPPED CONDUIT STUB OUT	<ul> <li>11. SAFETY SWITCHES, ELECTRICAL DISTRIBUTION EQUIPMENT, CONTROL PANELS, AND OTHER ELECTRICAL DEVICES SHALL BE UL LISTED, AND RATED FOR HEAVY DUTY SERVICE.</li> <li>12. WIRING DEVICES SHALL BE SPECIFICATION GRADE.</li> </ul>	Project name	IABILITATION	
			CONDUIT SEALOFF		→ AAA−BC			PXXX GROUPED CONDUIT AND CIRCUIT CXXX IDENTIFICATION TAGS. REFER TO THE POWER SINGLE-LINE, SCHEMATIC CONNECTION DIAGRAMS AND CIRCUIT	13. THE CONTRACTOR IS RESPONSIBLE FOR MANAGING, SCHEDULING, DOCUMENTING, AND PERFORMING THE WORK SO THAT A COMPLETE ELECTRICAL, INSTRUMENTATION AND CONTROL SYSTEM FOR THE FACILITY IS PROVIDED. ACCURATE SHOP AND RECORD DRAWINGS, AND O&M MANUALS SHALL BE SUBMITTED PRIOR TO FINAL	WASTE WATER T		NT 
		9	WIRE PIGTAIL		TYPE	JENCE NUMBER C=CONTROL P=POWER	?	SCHEDULE FOR CONDUIT SIZES AND CONTENTS.  P=POWER C=CONTROL	ACCEPTANCE OF THE WORK.  14. TYPICAL DETAILS SHALL APPLY IN ALL CASES, WHETHER SPECIFICALLY REFERRED TO OR NOT.		VASU CITY	
					L DEVIC	CE SERVED				Drawn By: ML		/1/202
										Design By: ML  Approved By: AGA		/1/20 /1/20
										Client Project No. Project No.	Sheet 107	











## Island WWTP Filter Upgrade Project Non-Mandatory Pre-Bid Meeting Agenda Thursday, September 25, 2025 @ 11:00 am

Name	Organization	Phone Number	Email Address
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Julies Escandon	RS Contracting		~
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Bill Macall	Santie Civil	998-54-9948	wamp souther aut
ROBERT SOLGRER	Felix Constaction	1025-406-0455	RUNEIX - SQLORON @ Felit construction - COM
Ron Crites	Technology Const.	928-533-0915	estimetor 3 @ live. Com
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