

Date: September 14, 2021

CITY OF PENSACOLA, FLORIDA
ADDENDUM #1
TO THE INVITATION TO BID

PORT OF PENSACOLA WAREHOUSE REPAIRS

BID NO: 21-040

The following items take precedence over the documents for the above named item. All other terms and conditions shall remain the same.

A SIGNED COPY OF THIS ADDENDUM MUST BE RETURNED WITH YOUR SUBMITTAL AS ACKNOWLEDGEMENT.

Company: _____ Date: _____

Authorized Representative: _____ Title: _____
Printed Name

Signature: _____

1. See attached list of attendees from the MANDATORY Pre-Bid Conference held on Thursday, September 9, 2021. Only those contractors listed as being in attendance are eligible to bid on this project.
2. All personnel accessing the Port of Pensacola property shall do so in accordance with the Port’s TWIC & TWIC Escort Policy. The Policy reads as follows:

TWIC & TWIC ESCORT POLICY

In accordance with U.S. Coast Guard regulation 33 CFR 101.514, all persons requiring unescorted access to secure restricted areas of facilities regulated by the USCG must possess a Transportation Worker Identification Credential (TWIC) before such access is granted. Persons requesting access to Port of Pensacola facilities who do not have a TWIC must make advance arrangements for escorting by a person holding a valid TWIC who has been approved for access to Port facilities and who has been granted escorting privileges. Such escorting must be side-by-side for the duration of the visit. Details of the current Port escort policy may be obtained from the Port Administration Office.

Escorts by Port of Pensacola personnel may be provided when suitable personnel are available, and at the sole discretion of the Port, at a rate of \$50.00 per hour (or part) with a minimum charge of \$50.00 per individual escort. The Port of Pensacola makes

no representation that escorts will be available or will be able to remain with persons requesting the service for the duration of their visit.

3. The project duration as indicated in paragraph 5 (Commencement and Completion) of the “Instructions to Bidders” is revised from 180 calendar days to 240 calendar days.
4. Delete drawing G6. No new metal siding work associated with Warehouse 6 will be included in this project.
5. See attached Revised Scope of Work.
6. See attached Revised Schedule of Prices to be included with Contractor’s bid.
7. See attached Revised Schedule of Values to be included in Contractor’s pay applications.

Responses to Questions from Potential Bidders:

1. For Warehouse 4, the Scope of Work references a 30kVA transformer and the drawings show 150kVA.
Drawing E2 indicates the new replacement transformer at Warehouse 4 to be 30kVA which is consistent with the scope of work.
2. For Warehouse 5, the Scope of Work references a 30kVA transformer and the drawings show 150kVA.
The scope of work has been revised to indicate the transformer at Warehouse 5 as 150kVA.
3. For Warehouse 5, the Scope of Work references a 200A safety switch and the drawings show a 400A safety switch.
The scope of work has been revised to indicate the safety switch at Warehouse 5 as 400A.
4. Please provide more info on the load center off the new transformer if possible (amperage, main breaker or lug, NEMA rating, branch breakers)?
The new transformer is replacing a previous transformer which was damaged due to Hurricane Sally. The new transformer will be used for a future shore power project. See revision B of drawing E3.

**Scope of Work
Bid No. 21-040**

**Port of Pensacola
Warehouse Repairs Project**

As a result of Hurricane Sally, several existing warehouses and associated electrical items were damaged and require repairs. The scope of work for these repairs is as described below and/or as shown on the drawings.

Warehouse 1

- Demo and dispose of one set of double hollow metal doors
- Furnish and install one set of double hollow metal doors and hardware

Warehouse 4

- Furnish and install two (2) new gravity roof ventilators
- Remove and replace water damaged 480V panelboard
- Remove and replace water damaged 30kVA transformer

Warehouse 5

- Furnish and install approximately 23 linear feet of rain gutter
- Furnish and install approximately 24 linear feet of metal wall flashing
- Remove and replace one (1) damaged electric roof ventilator
- Furnish and install new bird screen in one (1) existing gravity roof ventilator
- Remove and replace water damaged 480V panelboard and all associated breakers, conduit and cables
- Remove and replace water damaged 150kVA transformer and all associated conduit and cables
- Remove and replace water damaged 400A safety switch

Warehouse 6

- ~~• Furnish and install approximately 400 square feet of galvanized corrugated steel wall panels on the south wall of Warehouse 6~~

Warehouse 8

- Partial tear-off and disposal of approximately 5,000 square feet of built-up asphalt roofing system.
- Furnish and install approximately 5,000 square feet of built-up asphalt roofing system
- Remove and demo for disposal, six (6) damaged gravity roof ventilators
- Furnish and install six (6) new gravity roof ventilators

Rail Canopy

- Furnish and install approximately 55 linear feet of rain gutter between the Rail Canopy and the south wall of Warehouse 8
- Furnish and install one (1) overhead light lens
- Furnish and install approximately 2,365 square feet of galvanized corrugated steel roof panels
- Furnish and install approximately 55 linear feet of 12-inch wide galvanized steel ridge cap
- Remove and properly dispose of damaged structural steel framing and bar joists
- Furnish and install replacement structural steel framing and bar joists

SCHEDULE OF PRICES		
ITEM	DESCRIPTION	AMOUNT
1	Mobilization	\$ _____
2	<u>WH1</u> – Remove and Replace damaged double doors and hardware	\$ _____
3	<u>WH4</u> – Furnish and Install two (2) new gravity roof ventilators	\$ _____
4	<u>WH4</u> – Remove and Replace water damaged 480V switchboard and 30KVA transformer	\$ _____
5	<u>WH5</u> – Furnish and Install approximately 23 linear feet of new rain gutter	\$ _____
6	<u>WH5</u> – Furnish and Install approximately 26 linear feet of galvanized steel wall flashing	\$ _____
7	<u>WH5</u> – Remove and Replace one (1) damaged electric roof ventilator	\$ _____
8	<u>WH5</u> – Furnish and install new bird screen in one (1) existing gravity roof ventilator	\$ _____
9	<u>WH5</u> – Remove and Replace water damaged 480V panelboard, 30KVA transformer, 200A safety switch and all associated breakers, conduit and cables	\$ _____
10	<u>WH8</u> – Partial tear-off, disposal and replacement of approximately 5,000 square feet of built-up asphalt roofing system	\$ _____
11	<u>WH8</u> – Removal, disposal and replacement of six (6) gravity roof ventilators	\$ _____
12	<u>Rail Canopy</u> – Furnish and Install approximately 55 linear feet of new rain gutter between the Rail Canopy and the south wall of Warehouse 8	\$ _____
13	<u>Rail Canopy</u> – Furnish and Install replacement lens for overhead light	\$ _____
14	<u>Rail Canopy</u> – Furnish and Install approximately 2,365 square feet of galvanized corrugated steel wall panels and 55 linear feet of 12-inch wide galvanized steel ridge cap	\$ _____
15	<u>Rail Canopy</u> – Removal, disposal and replacement of structural steel framing and bar joists as shown on the drawings	\$ _____
16	Demobilization	\$ _____
TOTAL BID		\$ _____

Quantities listed in the Schedule of Prices are approximate quantities and are only intended to give the bidders a general idea as to the amount of work involved. The Contractor shall be responsible for determining the actual required quantities and notifying the Engineer of any discrepancies.

THIS FORM MUST BE INCLUDED IN SUBMITTAL.

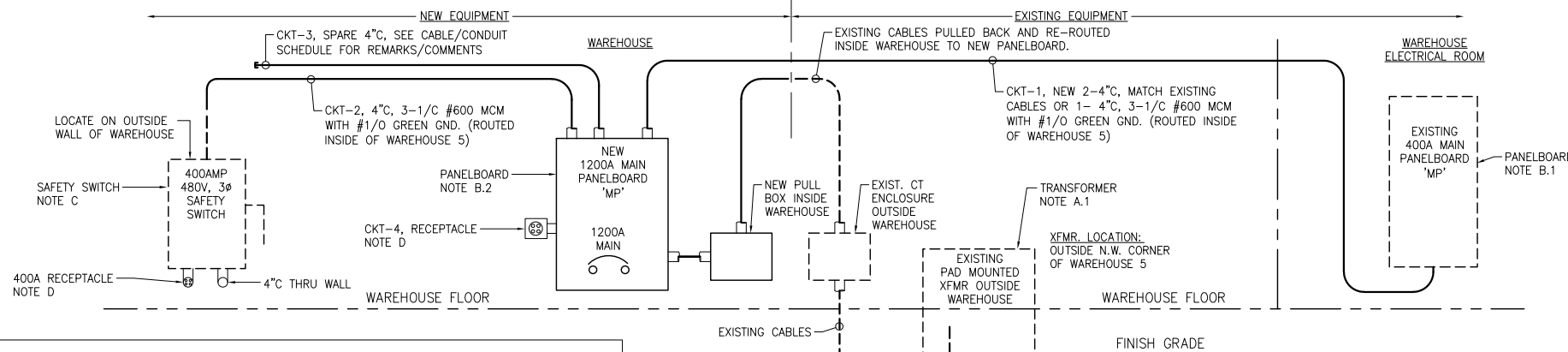
A	B	C	D		E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED			MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G / C)	BALANCE TO FINISH	RETAINAGE
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD						
13	<u>Rail Canopy</u> – Furnish and Install replacement lens for overhead light									
14	<u>Rail Canopy</u> – Furnish and Install approximately 2,365 square feet of galvanized corrugated steel wall panels and 55 linear feet of 12-inch wide galvanized steel ridge cap									
15	<u>Rail Canopy</u> – Removal, disposal and replacement of structural steel framing and bar joists as shown on the drawings									
16	Demobilization									
TOTAL										

CABLE / CONDUIT SCHEDULE

I.D. NUMBER	QTY	ESTIMATED FOOTAGES	DESCRIPTION	GROUND SIZE	CONDUIT SIZE	ROUTING FROM:	ROUTING TO:	REMARKS/COMMENTS
PWR-1	16	EXISTING	EXISTING CABLES		5"	EXISTING 1000KVA TRANSFORMER CT ENCLOSURE	NEW 1200A MAIN POWER PANELBOARD 'MP' INSIDE WAREHOUSE 5	PHASE A,B,C AND NEUTRAL CONDUCTORS. EXISTING CABLES TO BE PULLED BACK AND REROUTED TO NEW 1200A MAIN PANELBOARD 'MP'
CKT-1	4	40FT EA	EXISTING CABLES		5"	NEW 1200A MAIN PANELBOARD 'MP'	EXISTING 400A MAIN PANELBOARD 'MP' IN ELECTRICAL ROOM	PHASE A,B,C AND NEUTRAL CONDUCTORS. EXISTING CABLES TO BE PULLED BACK AND REROUTED TO EXISTING 400A MAIN PANELBOARD 'MP'
CKT-2	3	185FT EA	#600MCM, 600V, THWN	1/0	4"	NEW 1200A MAIN PANELBOARD 'MP'	NEW SAFETY SWITCH	INSTALLATION FOR FUTURE SHORE POWER
CKT-3	1	175FT EA	EMPTY CONDUIT		4"	NEW 1200A MAIN PANELBOARD 'MP'	FUTURE SAFETY SWITCH LOCATION	CONDUIT TO RUN INSIDE WAREHOUSE TO THE SOUTHWEST CORNER OF WAREHOUSE 5 AND BE CAPPED FOR FUTURE USE.
CKT-4	3	5FT EA	#3/0 AWG, 600V, THWN	#4	4"	NEW 1200A MAIN PANELBOARD 'MP'	ARKTITE 400A RECEPTACLE MOUNTED ON NEW 1200A MAIN PANELBOARD 'MP'	BREAKER FOR 150KVA TRANSFORMER LOCATED INSIDE WAREHOUSE 5

NOTES:

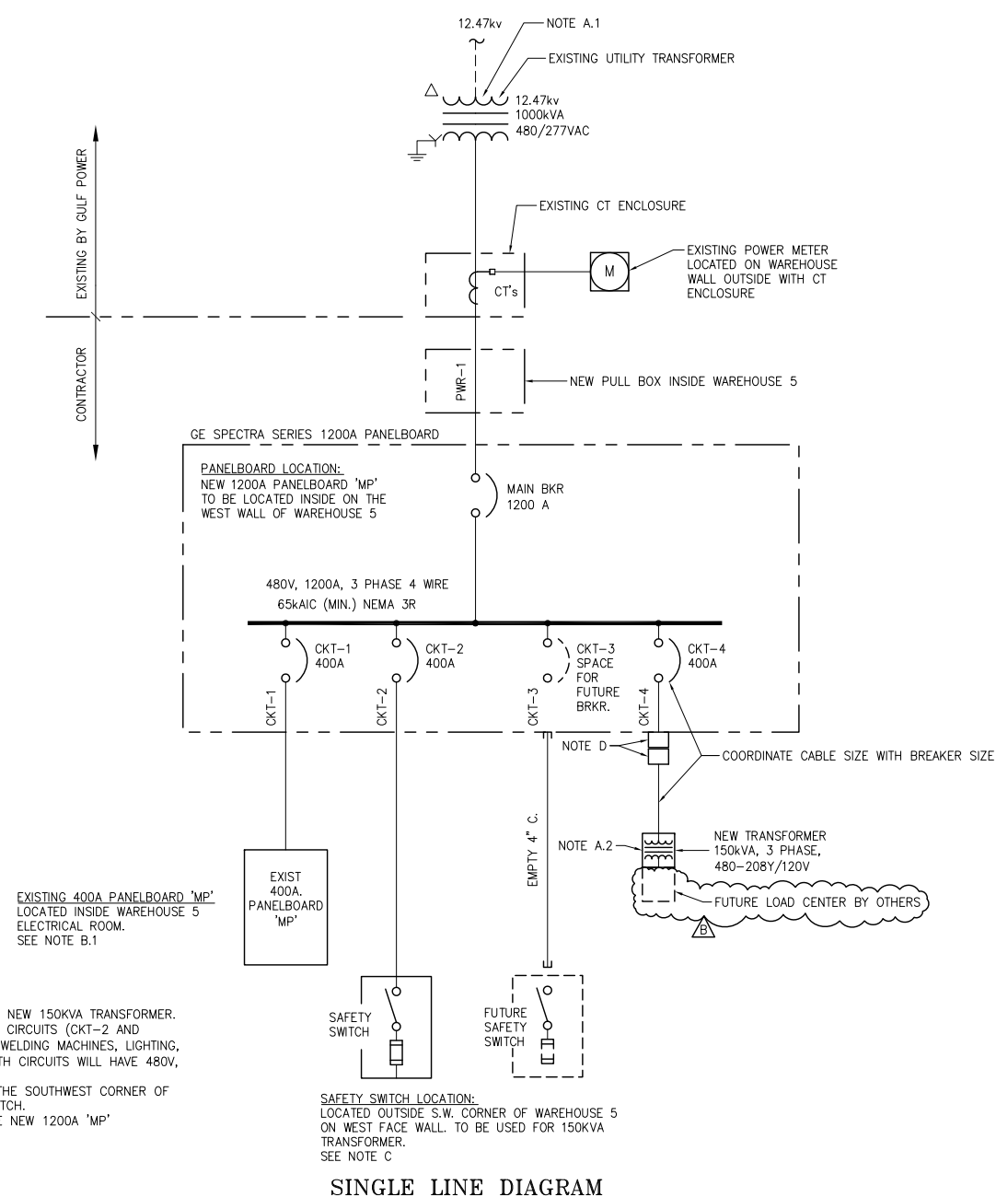
- SEE DRAWING G2 FOR THE PROJECT DRAWING INDEX.
- SEE DRAWING E1 FOR THE ELECTRICAL GENERAL NOTES, GROUNDING DETAILS AND LIST OF ELECTRICAL SPECIFICATIONS.



POWER FEEDER RISER DIAGRAM

ELECTRICAL SCOPE OF WORK CLARIFICATION NOTES:

- THERE ARE TWO EXISTING MAIN PANELBOARDS DESIGNATED AS 'MP'.
 - 1200A MAIN PANELBOARD 'MP' LOCATED OUTSIDE ON THE WEST WALL.
 - 400A MAIN PANELBOARD 'MP' LOCATED INSIDE IN THE ELECTRICAL ROOM.
- ALL EXISTING EQUIPMENT ON THE OUTSIDE OF WAREHOUSE 5 TO BE REMOVED EXCEPT FOR THE 'CT' ENCLOSURE.
- NEW 1200A MAIN PANELBOARD 'MP' FEEDERS:**
 - THE CABLES FROM THE 'CT' ENCLOSURE TO THE EXISTING 1200A MAIN PANELBOARD 'MP' SHALL BE DISCONNECTED FROM THE 1200A MAIN PANELBOARD 'MP' AND PULLED BACK TO THE 'CT' ENCLOSURE SO THAT THE CABLES CAN BE REROUTED INTO WAREHOUSE 5 TO THE NEW 1200A MAIN PANELBOARD 'MP' LOCATION. **DO NOT CUT THE CABLES BEFORE REROUTING TO ASSURE THAT THERE IS ENOUGH LENGTH ON THE CABLES TO REACH THE NEW 1200A MAIN PANELBOARD 'MP' LOCATION AND TERMINATE.**
 - FEEDER CABLES SHALL BE REPLACED NEW IF FOUND TO BE DAMAGED.
- EXISTING 400A MAIN PANELBOARD 'MP' FEEDERS:**
 - EXISTING FEEDER CABLE FROM THE EXISTING 1200A MAIN PANELBOARD 'MP' TO THE EXISTING 400A MAIN PANELBOARD 'MP' DISCONNECT SWITCH LOCATED ON THE OUTSIDE WALL OF WAREHOUSE 5 TO BE DISCONNECTED AND PULLED OUT OF THE EXISTING CONDUITS FOR RE-USE INSIDE WAREHOUSE 5 TO RECONNECT THE NEW 1200A MAIN PANELBOARD 'MP' TO THE EXISTING 400A MAIN PANELBOARD 'MP'. **DO NOT CUT THE CABLES BEFORE REROUTING TO ASSURE THAT THERE IS ENOUGH LENGTH ON THE CABLES TO RECONNECT THE EXISTING 400A MAIN PANELBOARD 'MP' TO THE NEW 1200A MAIN PANELBOARD 'MP'.**
 - FEEDER CABLES SHALL BE REPLACED NEW IF FOUND TO BE DAMAGED.
- EXISTING 150KVA TRANSFORMER** WILL BE REPLACED WITH A NEW 150KVA TRANSFORMER. THE NEW 150KVA TRANSFORMER WILL HAVE TWO AVAILABLE CIRCUITS (CKT-2 AND CKT-4) TO SERVE THE TRANSFORMER AND OTHER LOADS (WELDING MACHINES, LIGHTING, ETC.) FROM THE NEW 1200A MAIN PANELBOARD 'MP'. BOTH CIRCUITS WILL HAVE 480V, THREE PHASE, 400A RECEPTACLES AVAILABLE AS FOLLOWS:
 - CKT-2 WILL BE LOCATED OUTSIDE WAREHOUSE 5 ON THE SOUTHWEST CORNER OF THE WAREHOUSE AT THE NEW SAFETY DISCONNECT SWITCH.
 - CKT-4 WILL BE LOCATED INSIDE WAREHOUSE 5 AT THE NEW 1200A 'MP' PANELBOARD.



SINGLE LINE DIAGRAM

ELECTRICAL EQUIPMENT LIST:

- TRANSFORMERS:**
 - FOR REFERENCE: EXISTING GULF POWER 1000KVA, 12.47KV/480V-277V, 3φ, 4W. (FIELD VERIFY).
 - REPLACE IN-KIND: EXISTING 150KVA, 480 DELTA-208Y/120V, 3φ, 4W GENERAL PURPOSE TRANSFORMER. GENERAL ELECTRIC / GE CAT# 9T23B3876
- PANELBOARDS:**
 - EXISTING 400A MAIN PANELBOARD 'MP': SQ-D I-LINE 480/277VAC, 3 PHASE, 4 WIRE PANELBOARD 'MP' WITH 400A MAIN CIRCUIT BREAKER.
 - EXISTING 1200A MAIN PANELBOARD 'MP' REPLACE IN-KIND: GE SPECTRA SERIES APNB BOLT-ON STYLE PANELBOARD SYSTEM: 480Y/277 3φ 4W, MAXIMUM RMS SYMMETRICAL AMPERS RATING: 100KA, BUS MATERIAL: 75°C COPPER, BUS RATING: NON-TAPERED, INCOMING BUS AMPERAGE: 1,200A, ENCLOSURE RATING: NEMA 3R, MAIN BREAKER: 1200A MOLDED CASE CIRCUIT BREAKER.
 - DISTRIBUTION BREAKERS AS FOLLOWS: (3)400A MOLDED CASE DISTRIBUTION CIRCUIT BREAKERS WITH SPACE PROVIDED FOR ONE MORE MOLDED CASE DISTRIBUTION CIRCUIT BREAKER (PROVIDE COVER PLATES).
- SAFETY SWITCH:** 400 AMP, 600 VOLT, THREE POLE, THREE WIRE, SINGLE THROW, FUSIBLE, LOCKABLE, LOAD BREAK, NEMA 4X, STAINLESS STEEL HEAVY DUTY SAFETY SWITCH WITH GROUND BUS. SQUARE D CAT.# H365DS OR APPROVED EQUAL.
- RECEPTACLE AND PLUGS:**
 - RECEPTACLE ASSEMBLY 3W, 4P, 400A RATED, PIN AND SLEEVE TYPE, COOPER CROUSE-HINDS ARKTITE SERIES CAT# AREX4042212 WITH AJ BACK BOX AND ANGLE ADAPTER.
 - PLUG, 3W, 4P, 600VAC, 400A RATED, PIN AND SLEEVE TYPE, COOPER CROUSE-HINDS ARKTITE SERIES CAT.# AP404612.

NOTES



CLIENT DWG NO:
WAREHOUSE REPAIRS PROJECT
WAREHOUSE #5 ELECTRICAL SINGLE LINE,
RISER DIAGRAM AND CABLE SCHEDULE
 FOR: THE PORT OF PENSACOLA
 PROJECT NO: 4474 DWG NO: E3 REV: B



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NO.	REVISION	DRAWN	CK'D	APPD	DATE	DRAWN: WMB	CK'D: DCD	APPD: HAC	DATE: 02/22/21	SCALE: AS NOTED
B	REVISED FOR BID	WMB	DCD	HAC	9/13/21					
A	ISSUED FOR BID	WMB	DCD	HAC	8/16/21					