



ADDENDUM TO THE CONTRACT

for the

Last Chance Basin Well Field Generator Replacement Contract No. E14-112

ADDENDUM NO.: TWO

CURRENT DEADLINE FOR BIDS:
June 12, 2014

PREVIOUS ADDENDA: ONE

ISSUED BY: City and Borough of Juneau
ENGINEERING DEPARTMENT
155 South Seward Street
Juneau, Alaska 99801

DATE ADDENDUM ISSUED: June 6, 2014

The following items of the contract are modified as herein indicated. All other items remain the same. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Contracts Division webpage at: <http://www.juneau.org/engineering ftp/contracts/Contracts.php>

INFORMATION ITEMS:

The Eaton Switchgear design details are uploaded to the webpage.

PROJECT MANUAL:

- Item No. 1: SECTION 00310 – BID SCHEDULE. **Delete** in its entirety and **replace** with the attached SECTION 00310 – BID SCHEDULE, labeled Addendum No. 2.
- Item No. 2: SECTION 262413 – SWITCHBOARDS, PART 2 – PRODUCTS, Article 2.1 – MANUFACTURED UNITS, Paragraph D. **Change** it to read: "Main Bus Continuous: 600A."
- Item No. 3: SECTION 262816 – ENCLOSED SWITCHES AND CIRCUIT BREAKERS, PART 2 – PRODUCTS, Article 2.4 – ENCLOSURES, Paragraph A., Subparagraph 2. **Add** the following sentence: "Except where otherwise noted in Part 1.2(A)."

DRAWINGS:

- Item No. 4: E1 – SHEET 6 of 21 - ONE-LINE DIAGRAM (DEMOLITION). **Delete** in its entirety and **replace** with the attached sheet E1 – SHEET 6 of 21 – ONE-LINE DIAGRAM (DEMOLITION).
- Item No. 5: E12 – SHEET 18 of 21 – CONSTRUCTION LAYOUT-TEMPORARY POWER. **Delete** in its entirety and **replace** with the attached sheet E12 – SHEET 17 of 21 – CONSTRUCTION LAYOUT- TEMPORARY POWER.

Item No. 6: E13 – SHEET 19 of 22 – AC PANEL 'T' SCHEDULE. **Delete** in its entirety and **replace** with the attached sheet E13 – SHEET 18 of 21 – AC PANEL 'T' SCHEDULE.

Item No. 7: E14 – SHEET 20 of 22 – CONTROL SCHEMATIC. **Delete** in its entirety and **replace** with the attached sheet E14 – SHEET 19 of 21 - CONTROL SCHEMATIC.

By:  _____
Greg Smith,
Contract Administrator

Total number of pages contained within this Addendum: 8

SECTION 00310 - BID SCHEDULE

To: City & Borough of Juneau (hereinafter called "CBJ").

The undersigned (hereinafter called the "Bidder" or "Contractor") hereby proposes to furnish all labor, material, machinery, tools, supplies and equipment to faithfully perform all work required for construction of the Project in accordance with the Project drawings and Specifications attached hereto and made a part hereof for the following prices:

<u>Item</u>	(Bidder may provide a price for option 1 or option 2 or both*)	<u>Bid Price</u>
Option 1. Generator Replacement with new Engine-Generator as specified in design and meeting New Engine-Generator requirements listed below.		\$_____

AND/OR

Option 2. Generator Replacement with Refurbished Engine-Generator as specified in design and meeting Refurbished Engine-Generator requirements listed below.		\$_____
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(* Write "No Bid" for Bid Price if NOT bidding on an item option)

NEW ENGINE-GENERATOR REQUIREMENTS

1. Meet Requirements shown in SECTION 263213 – ENGINE GENERATORS.
2. List Supplier Qualifications below (page 2)
3. Manufacturer warranty for period no less than 24 months or 1000 hours. This warranty shall provide coverage for the entire list of manufacturer parts that were originally shipped in the provided package.
4. Supplier shall maintain parts and service capability within the city of Juneau. Supplier shall stock parts as needed to support the Engine-Generator package for this project. Supplier must carry sufficient inventory to cover no less than 80% parts service within 48 hours and 95% within 72 hours.

REFURBISHED ENGINE-GENERATOR REQUIREMENTS

1. All requirements for new engine-generators (above) must be met.
2. Unit shall be refurbished and certified by the manufacturer by an approved supplier of such services.

SECTION 00310 - BID SCHEDULE

SUPPLIER QUALIFICATIONS

Indicate Qualifications for New Engine-Generator Supplier below.

MANUFACTURING DATA:

Manufacturer	_____
Manufacturing Plant Location	_____
Warranty duration (in months)	_____
Replacement Parts Distributor	_____
Distributor Location	_____

Indicate Qualifications for Refurbished Engine-Generator Supplier below.

MANUFACTURING DATA:

Manufacturer	_____
Manufacturing Plant Location	_____
Warranty duration (in months)	_____
Replacement Parts Distributor	_____
Distributor Location	_____

DATA ON REFURBISHMENT

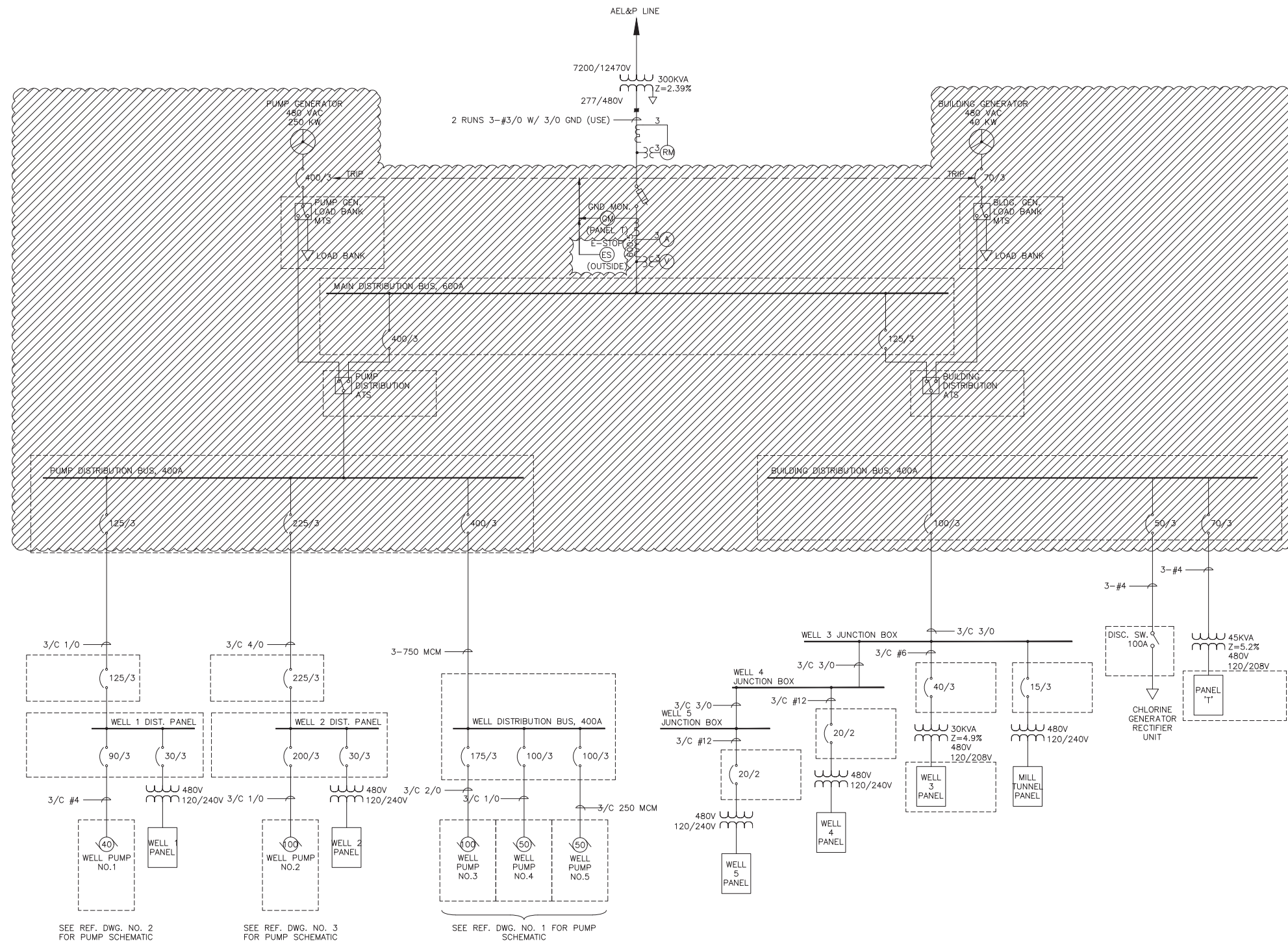
Engine Hours	_____
Prior Use / End User Data	_____
Company Performing Refurbishment	_____

Bidder: _____
(Name and Address)

Authorized Signature: _____

(Printed Name)

Date: _____

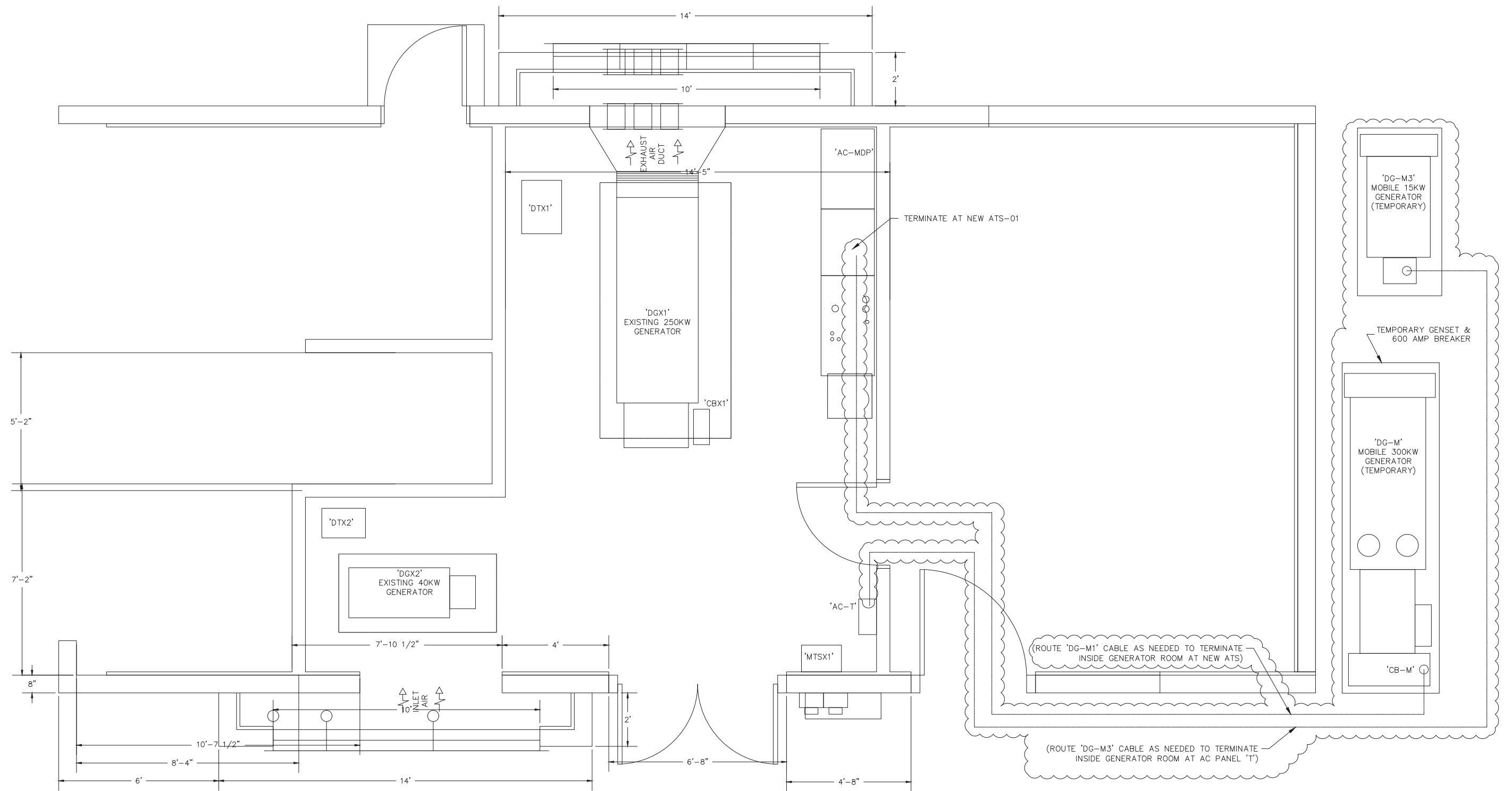


PROJECT: LAST CHANCE BASIN WELL FIELD GENERATOR REPLACEMENT E14-112		
DESIGNER/PROJECT ENGINEER: NICK YANKEE / JEFF RICE		
JOB #: 13-0219		
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE
0	ISSUED FOR BID	NWY/04-15-2014
	Addendum 2, June 6, 2014	JWR/04-15-2014



NO.	DRAWING NO./SHEET	REFERENCE DRAWING/DETAIL/PLAN/SECTION DESCRIPTION
1	E-11/24 (HAIGHT)	LAST CHANCE BASIN SOURCE IMPROVEMENT ELECTRICAL POWER SINGLE LINE DIAGRAM
2	E-5/20 (IHH)	WELL HOUSE 1 SINGLE LINE DIAGRAM PUMP CONTROL PANEL - SINGLE LINE
3	E-12/27 (IHH)	WELL HOUSE 2 SINGLE LINE DIAGRAM PUMP CONTROL PANEL - SINGLE LINE

DRAWING NAME:	CITY AND BOROUGH OF JUNEAU LAST CHANCE BASIN WELL FIELD GENERATOR REPLACEMENT E14-112 ONE-LINE DIAGRAM (DEMOLITION)
REF DWG(S):	
DRAWING NO.:	E1
SHEET	6 OF 21



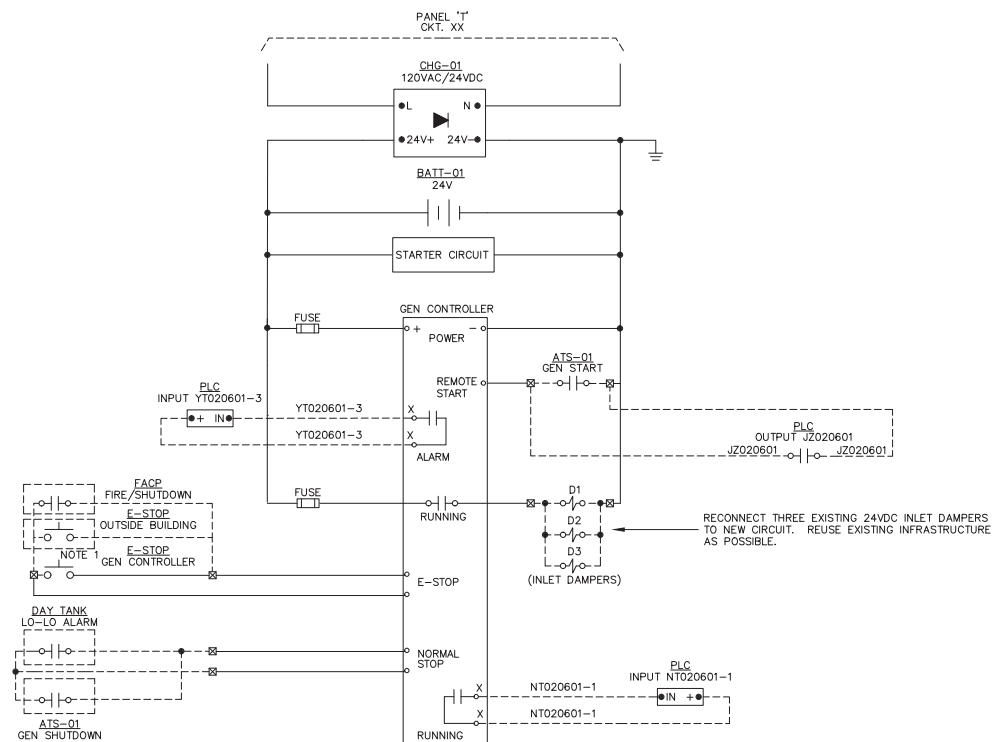
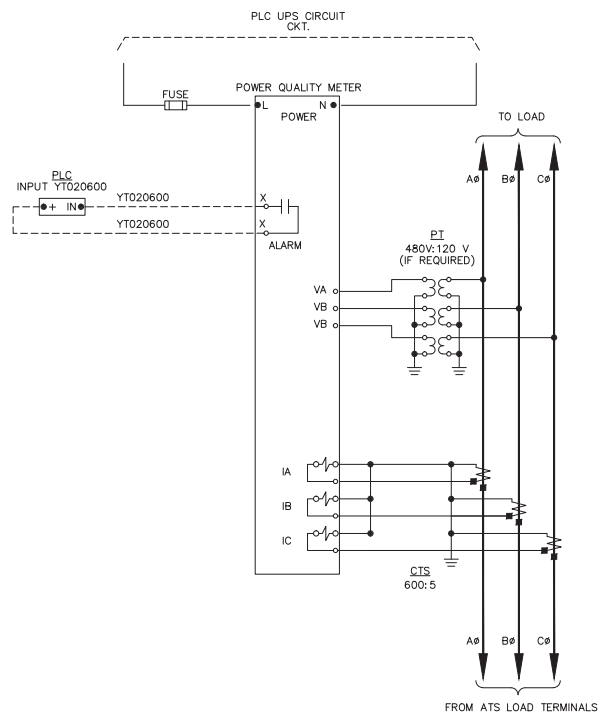
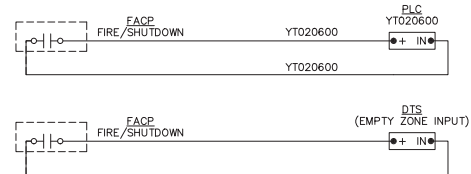
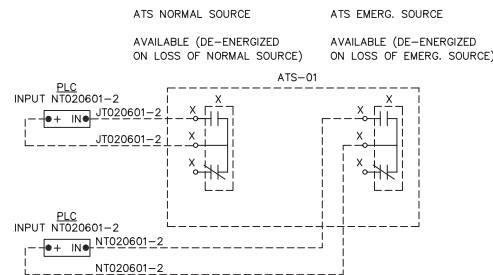
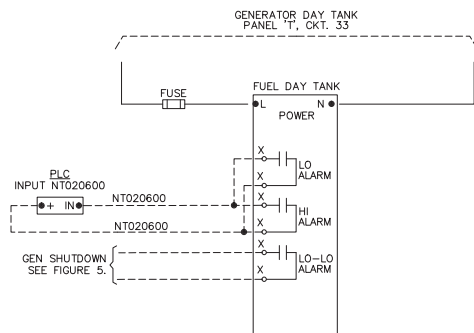
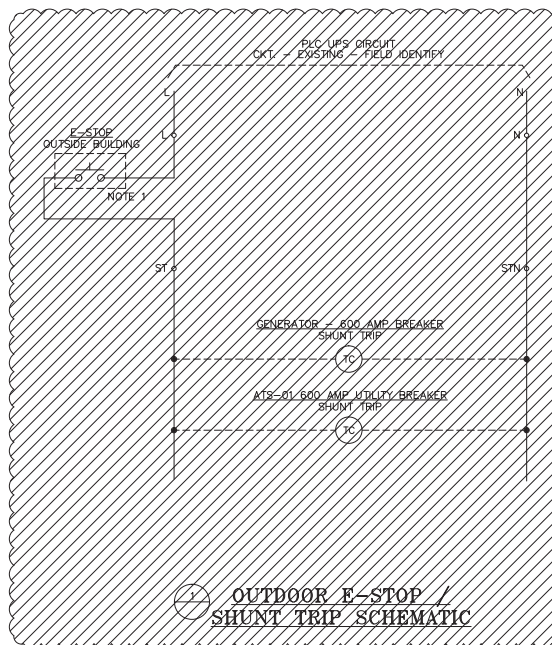
1 CONSTRUCTION PLAN - TEMPORARY POWER
N.T.S.

PROJECT: LAST CHANCE BASIN WELL FIELD GENERATOR REPLACEMENT E14-112			
DESIGNER/PROJECT ENGINEER: NICK YANKEE / JEFF RICE			
JOB #: 13-0219			
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED BY/DATE
0	ISSUED FOR BID	NWY/04-15-2014	JWR/04-15-2014
	Addendum 2, June 6, 2014		



NO.	DRAWING NO./SHEET	REFERENCE DRAWING/DETAIL/PLAN/SECTION DESCRIPTION

DRAWING NAME:		CITY AND BOROUGH OF JUNEAU LAST CHANCE BASIN WELL FIELD GENERATOR REPLACEMENT E14-112 CONSTRUCTION LAYOUT - TEMPORARY POWER
REF DWG(S):		
DRAWING NO.:		E12
		SHEET 17 OF 21



EXISTING PLC GENERATION INTERFACE						
POINT TYPE	DESCRIPTION	TB20 POSITION	WIRE 1	WIRE 2	CONTACT TYPE	TERMINATION LOCATION
120VAC INPUT (WETTED)	BUILDING POWER "ON"	25	JT020703	JT020703	NC	UNKNOWN
120VAC INPUT (WETTED)	BUILDING GENERATOR "ON"	26	NT020600	NT020600	NO	BLDG GEN ATS
120VAC INPUT (WETTED)	BUILDING GENERATOR "ALARM"	27	YT020600	YT020600	NO	BLDG GEN
120VAC INPUT (WETTED)	PUMP GENERATOR STARTED	28	NT020601-1	NT020601-1	NO	PUMP GEN
120VAC INPUT (WETTED)	PUMP GENERATOR CIRCUIT PWR ON	29	JT020601	JT020601	NO	PUMP GEN ATS
120VAC INPUT (WETTED)	PUMP GENERATOR ON	30	NT020601-2	NT020601-2	NO	PUMP GEN
120VAC INPUT (WETTED)	PUMP GENERATOR ALARM	31	YT020601-3	YT020601-3	NO	PUMP GEN
120VAC OUTPUT	OPERATE PUMP GEN	44	JZ020601	JZ020601	COIL	PUMP GEN

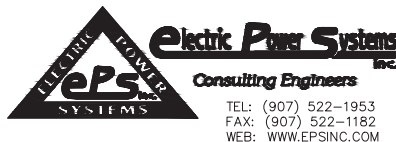
PLC POINT LIST (DEMO) NOTES:

1. STRIKETHROUGH ITEMS ARE TO BE DEMOLISHED AND RECONNECTED TO NEW POINTS.
2. IDENTIFY AND AS BUILT ALL PLC / CONTROL WIRING SHOWN ABOVE PRIOR TO BEGINNING WORK. DISCONNECT EACH POINT AS EQUIPMENT DEMOLISHED AND REROUTE CONTROL WIRING TO NEW DEVICES AS NECESSARY. MAINTAIN ALL I/O POSSIBLE THROUGH PERIOD OF WORK. KEEP CBJ WATER UTILITY PERSONNEL AWARE OF WHICH POINTS ARE DISCONNECTED.

NEW PLC GENERATION INTERFACE						
POINT TYPE	DESCRIPTION	TB20 POSITION	WIRE 1	WIRE 2	CONTACT TYPE	NEW TERM LOCATION
120VAC INPUT (WETTED)	BUILDING POWER "ON"	25	JT020703	JT020703	NC	UNKNOWN
120VAC INPUT (WETTED)	GENERATOR DAY TANK ALARM	26	NT020600	NT020600	NO	NEW DAY TANK
120VAC INPUT (WETTED)	FACP ALARM (FIRE INDICATION)	27	YT020600	YT020600	NO	NEW FACP
120VAC INPUT (WETTED)	PUMP GENERATOR POWER AVAILABLE	28	NT020601-1	NT020601-1	NO	NEW ATS
120VAC INPUT (WETTED)	UTILITY POWER AVAILABLE	29	JT020601	JT020601	NO	NEW ATS
120VAC INPUT (WETTED)	GENERATOR ON	30	NT020601-2	NT020601-2	NO	NEW GEN
120VAC INPUT (WETTED)	GENERATOR ALARM	31	YT020601-3	YT020601-3	NO	NEW GEN
120VAC OUTPUT	OPERATE PUMP GEN	44	JZ020601	JZ020601	COIL	NEW GEN

PLC POINT LIST (NEW) NOTES:

1. POINTS THAT HAVE BEEN RECONNECTED NOTED IN BOLD. BUILDING POWER ON IS BELIEVED TO BE A 120VAC RELAY INDICATING THE 120VAC CIRCUITS HAVE POWER. IT HAS NOT BEEN LOCATED BUT IS BELIEVED TO BE OUTSIDE OF THE AREA OF WORK. INCLUDED HERE FOR REFERENCE.
2. EXISTING POINTS LIST TAKEN FROM DRAWING AND SWITCHGEAR NOT ACCESSIBLE DURING DESIGN. COORDINATE VERIFICATION OF I/O SIGNALS WITH
CBJ CITY WATER UTILITY TECHNICIANS.

[illegible]

NO.	DRAWING NO./SHEET	REFERENCE DRAWING/DETAIL/PLAN/SECTION DESCRIPTION	DRAWING NAME:
			CITY AND BOROUGH OF JUNEAU
			LAST CHANCE BASIN WELL FIELD
			GENERATOR REPLACEMENT E14-112
			CONTROL SCHEMATIC
			e14.dwg
			REF DWG(S):
			DRAWING NO.: E14
			SHEET 19 OF 21