

June 19, 2017

**BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA**

**IFB #Y17-1064-TA
ELECTRICAL EQUIPMENT INSPECTION, TESTING AND DIAGNOSTIC SERVICES
TERM CONTRACT**

ADDENDUM NO. 1

This addendum is hereby incorporated into the Invitation for Bids document. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are denoted by underline and deletions via ~~strikethrough~~.

1. The Bid Opening Date is changed from ~~June 20, 2017~~ to June 29, 2017.
2. Bid Proposal Form, Pages 69 – 107, are deleted and hereby replaced with REVISED BID PROPOSAL FORM, pages 69A- 107A.

**BIDDERS SHALL USE THE REVISED BID PROPOSAL FORM PAGES.
FAILURE TO USE REVISED PAGES SHALL RESULT IN THE BIDDER BEING
DEEMED NON-RESPONSIVE.**

3. Scope of Services. Page 26, 2. HOURS OF PERFORMANCE, Item C, Emergency Response, is deleted as follows:

~~C. **Emergency Response:** Emergency response hours may encompass nights, holidays, weekends, twenty-four (24) hours per day, seven (7) days per week, 365 days per year (24/7/365) and requires a two (2) hour maximum response time.~~

4. Scope of Services, Page 26, 2. HOURS OF PERFORMANCE, Item 12 is changed as follows:

12. ~~EMERGENCY~~ DIAGNOSTIC SERVICES

The Contractor shall perform diagnostic services only when directed by the County DMR. The Contractor shall be responsible for coordinating the delivery of services with the County's DMR or authorized designee.

A. ~~EMERGENCY~~ DIAGNOSTIC SERVICE

1. The Contractor shall provide ~~emergency~~ diagnostic service ~~twenty-four (24) hours per day, seven (7) days per week to include holidays~~ as requested by the County.

2. ~~In the event of an emergency,~~ The Contractor shall be required to respond by visiting the site within four (4) hours after notification by the County for ~~emergency work~~ diagnostic service request or as mutually agreed upon in writing between the County and the Contractor.
3. Upon completion of ~~emergency~~ the diagnosis, Contractor shall immediately notify the County DMR, or designee, of ~~the required repair~~ the results and recommendations for repairs. All verbal notification shall be followed up by a written report within twenty-four (24) hours of service completion.

5. Questions and Answers

1. **Question:** Scope of Services - Section 3-Staffing requirements- D. – Only employees shall be used to perform the required services of this contract. The Contractor shall not use employees of any temporary employment agency to supplement his work force in County buildings for any reason.

Are contractors permitted to use direct subcontractors to supplement the workforce if not obtained through temporary services?

Answer: No subcontractors are allowed under this contract. Please see the General Terms and Condition, Section 18. Subcontracting.

2. **Question:** Scope of Services - Section 10 – Work Specifications, J. Circuit Breakers, Air, Insulated Case/Molded-Case 2. - d, e, f primary injection.

- 2.1 **Question:** Are the breaker curves sheets being provided by the County for performing the primary injection tests?

Answer: The Contractor shall determine the test curves for each breaker tested. The Contractor should have all the time current curves available at the time of testing, these are available from the manufacturer(s).

- 2.2 **Question:** Is it the intent of this section to test “all” Molded-Case breakers? This would infer that all electrical Switchgear, Switchboards, Panel boards, and enclosed breakers are to be tested regardless of amperage size.

Recommendation – Limit testing to MSB only, and breakers rated above 200 amp.

Answer: All molded case breakers that are on the main panels shall be tested.

3. **Question:** There are no items to bid on in the Lot 4 sections.

Answer: Lot 4 is designated for the Central District. Services for Lot 4 occurs only during the initial contract year. Services for this lot shall be requested on an as needed basis.

4. **Question:** Proposed ADDITION: ARTICLE 39 LIMITATION OF LIABILITY

“In no event will the Contractor be liable for any damages resulting from lost profits, loss of use of equipment or any special, incidental, consequential or indirect damages, regardless of the form of any claim or action, any way arising out of or in connection with this Agreement even if the Contractor has been made aware of the possibility of such damages.”

Answer: There will be no consideration of a limitation of liability clause. Special Terms and Condition provisions remain unchanged.

5. **Question:** Hours of Performance, Page 26, Para 2.C) Emergency Response is 2hrs. Page 61, Section 12. Emergency Diagnostic Service Para. A (2) response is 4hrs. Please clarify actual response time to be onsite from original emergency call.

Answer: The emergency response requirement is deleted from the scope of services, as outlined in this addendum.

6. **Question:** Infrared Services SOW; Where infeasible or unsafe to remove covers while energized, utilize ultrasound partial discharge sensing.

Answer: Ultrasound partial discharge testing may be used on medium voltage switchgear. The ultrasonic test method shall not be use for low voltage switchgear. The Contractor is responsible for determining the proper PPE for each equipment.

7. **Question:** Infrared Services SOW; With the absence of any Arc Flash labels and in compliance with NFPA 70e and OSHA 1910, and covers deemed unsafe to open energized should be excluded.

Answer: In the absence of Arc Flash label it is the Contractor's responsibility to determine the proper level PPE. If the Contractor deems that it is unsafe to remove a panel, this should be communicated to the District Manager Representative with a written justification. Panels may be excluded only by mutual agreement between the District Manager Representative and the Contractor.

8. **Question:** Can the County provide a list of Infrared Services Equipment? What are the approximate number of panels at each location?

Answer: Please see Attachment A for the approximate count for panels at the Downtown , 33rd Street East, West, and Fire Rescue Headquarters. Other

panels will be priced at the per panel rate on the bid response form. Please see Attachment B for 33rd District Electrical Equipment Inventory and Attachment C for Downtown District Infrared Equipment Inventory.

9. **Question:** Can Orange County supply bidders with any available electrical one lines or power system riser drawings.

Answer: Please visit the following ftp link for the online drawings:

<ftp://ftp.ocfl.net/divisions/purchasing/pub/Current%20Bids%20and%20RFPs%20-%20Large%20Files/Y17-1064-TA%20Addendum%20No.%201/>

10. **Question:** If the SOW is rewritten for omitted equipment, will there be any extension to the pending bid submittal deadline of 6/20?

Answer: The bid document includes all equipment to be tested. Any equipment added after contract award will be via an amendment to the contract. The bid opening date is changed from June 20, 2017 to June 29, 2017, as outlined in this addendum.

11. **Question:** Are the Level II and Level III ETT Certifying authorities acceptable?

Answer: Either ANSI/NETA or ANSI/IEEE are acceptable.

12. **Question:** Are there any Infrared Certifications required?

Answer: All testing personnel shall hold at minimum a Level II certification under ANSI/NETA or ANSI/IEEE. No specific Infrared (Thermography) certification is required.

13. **Question:** In reference to Scope of Service, Section 11 - Reporting Requirements, are IR photo's necessary for the equipment even if there are no problems identified? This is not necessary.

Answer: No changes will be made to Scope of Service, Section 11. All images need to be included in IR reports whether or not they depict deficiencies.

ACKNOWLEDGEMENT OF ADDENDA

- a. The bidder shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid.
- b. Receipt acknowledged by:

Authorized Signer

Date Signed

Title

Name of Bidder

Y17-1064-TA
Addendum #1

ATTACHMENT A

| EAST DISTRICT | PANELS & SUBPANELS |
|---|-------------------------------|
| Fire Rescue Radio Tower – 6590 Amory Court (#9226.02) | 6 |
| Bithlo Radio Tower, 916 N. CR-13, (#9576.01) | 4 |
| Taylor Creek Radio Tower - 3364 Taylor Creek Rd. (#9387.01) | 7 |
| Landfill Radio Tower - 12100 Young Pine Rd. (#9146.01) | 4 |

| WEST DISTRICT | PANELS & SUBPANELS |
|---|-------------------------------|
| L.E.V.O. School - Training Center - Radio Tower, 6350 Wadsworth Rd (#0026.05) | 7 |
| Clarcona Radio Tower - 5640 Clarcona Ocoee Rd. (#9145.01) | 5 |
| Reedy Creek Radio Tower - 12400 Flamingo Crossing Blvd. (#9394.01) | 5 |
| Ocoee Radio Tower - 475 W Story Rd. (#9586.01) | 2 |

| FIRE RESCUE HEADQUARTERS | PANELS & SUBPANELS |
|--|-------------------------------|
| Fire Rescue Headquarters – 6590 Amory Court (#9226.01) | 25 |

CEP ROOF

- Fused Disconnect CT-E1 N
- Fused Disconnect EF-E11
- Fused Disconnect CT-E2 N
- Fused Disconnect CT-E2 S
- Fused Disconnect CT-E1 S
- Non Fused Disconnect EF-E7
- Non Fused Disconnect EF-E10
- Non Fused Disconnect EF-E6
- Non Fused Disconnect EF-E9
- Non Fused Disconnect EF-E5
- Non Fused Disconnect EF-E13
- Non Fused Disconnect EF-E8
- Non Fused Disconnect EF-E3
- Non Fused Disconnect EF-E1
- Non Fused Disconnect EF-E2
- Non Fused Disconnect RR-3
- Non Fused Disconnect RR-2
- Non Fused Disconnect RR-1
- Non Fused Disconnect EF-E4

CEP 3RD FLOOR

- Panel N3A
- Fused Disconnect DC-1
- Motor Control Center MCC 2

CEP 2ND FLOOR

- Panel N2A
- Panel N21
- Panel N22
- Panel UNLABELED
- Transformer UNLABELED
- Switchboard CEPA
- Switchboard CEPB
- Motor Control Center MCC 1
- Transfer Switch ATS-CEP

CEP ROOM 100.10

- Panel N1B

CEP ROOM 100.09

- Panel N1A
- Panel N11

CEP ROOM 100.09 (CONTINUED)

- Transformer UNLABELED
- Contactor LCSX

CEP ROOM 100.06

- Panel LS1A SECT 1
- Panel LS1A SECT 2
- Panel S3
- Panel UNLABELED
- Contactor LCS5
- Contactor LCS3

CEP ROOM 100.01

- Panel UNLABELED

BUILDING A, PENTHOUSE

- Panel N61
- Panel N6A
- Transformer UNLABELED
- Motor Control Center MCC A

BUILDING A, ROOM 500.02

- Panel N5B SECT 1
- Panel N5B SECT 2
- Panel LS51
- Panel N52
- Panel N51
- Panel N5A SECT 1
- Panel N5A SECT 2
- Transformer UNLABELED
- Contactor LCA6

BUILDING A, ROOM 400.02

- Panel N4B SECT 1
- Panel N4B SECT 2
- Panel LS41
- Panel N41
- Panel N4A SECT 1
- Panel N4A SECT 2
- Transformer UNLABELED
- Contactor LCA5

BUILDING A, ROOM 300.02

- Panel N3B SECT 1
- Panel N3B SECT 2
- Panel LS31
- Panel N31
- Panel N3A SECT 1
- Panel N3A SECT 2
- Transformer UNLABELED
- Contactor LCA4

BUILDING A, ROOM 200.02

- Panel N2A SECT 1
- Panel N2A SECT 2
- Panel LS2A
- Panel LS21
- Panel N21
- Panel N2AA
- Fused Disconnect 30 KVA UPS
- Transformers UNLABELED (3)
- Contactor WALL LIGHTS

BUILDING A, ROOM 205

- Panel UPS-A2
- Panel UPS-A3
- Panel N2J
- Panel N2G
- Panel N2F
- Transformer UNLABELED
- Fused Disconnect CRU-A2
- Fused Disconnect UNLABELED
- Fused Disconnect CRU-A1

BUILDING A, ROOM 100.02

- Panel N1C
- Panel N1B SECT 1
- Panel N1B SECT 2
- Panel N12
- Panel N1D
- Panel N11 SECT 2
- Panel N11 SECT 1
- Panel N1A
- Transformers UNLABELED (3)
- Contactor LCA2

ROOM LL01.03

- Panel NOA
- Panel NO1
- Panel NO2
- Panel UPS-A1
- Transformer UNLABELED
- Switchboard NSBA
- Contactor LCS1-A
- Contactor LCS1-B
- Contactor LCS1-C
- Transfer Switch UNLABELED

ROOM LL01.02 (BLDG A)

- Panel SEC-1

ROOM LL01.02 (BLDG B)

- Panel LSOA SECT 2
- Panel LSOA SECT 1
- Panel LSO1
- Panel NOA
- Panel NO1
- Panel S1
- Panel NO2
- Panel SEC-2
- Transformers UNLABELED (3)
- Contactor LSCB
- Contactor LCB1
- Contactor LCS3

ROOM LL01.04

- Panel UPS-B1
- Switchboard NSBB
- Transfer Switch UNLABELED

BUILDING B, PENTHOUSE

- Panel N6A
- Panel N61
- Transformer UNLABELED
- Motor Control Center MCC B

BUILDING B, ROOM 500.02

- Panel LS51
- Panel N5B SECT 2

CEP, A and B**PAGE 3**

- Transformer UNLABELED
- Contactor LCB2

BUILDING B, ROOM 500.02 (CONTINUED)

- Panel N5B SECT 1
- Panel N5A SECT 2
- Panel N5A SECT 1
- Panel N51
- Panel N52
- Transformer UNLABELED
- Contactor LCB6

BUILDING B, ROOM 400.02

- Panel N4B SECT 2
- Panel N4B SECT 1
- Panel N4A SECT 2
- Panel N4A SECT 1
- Panel N41
- Transformer UNLABELED
- Contactor LCB5

BUILDING B, ROOM 300.02

- Panel LS31
- Panel N3B SECT 2
- Panel N3B SECT 1
- Panel N3A SECT 2
- Panel N3A SECT 1
- Panel N31
- Transformer UNLABELED
- Contactor LCB4

BUILDING B, ROOM 200.02

- Panel N2B
- Panel N2A SECT 2
- Panel N2A SECT 1
- Panel N21
- Transformer UNLABELED
- Contactor LCB3

BUILDING B, ROOM 100.02

- Panel N12
- Panel N1B
- Panel N1A SECT 2
- Panel N1A SECT 1
- Panel N11

ROOM LL02.34

- Panel NBA
- Panel NB2
- Panel NB5
- Panel UPS-1
- Panel LSB1
- Panel LSBA
- Panel NB1
- Transformers UNLABELED (2)
- Switchboard UPS MAINT BYPASS
- Contactor LCB1
- Contactor LCB2

ROOM LL02.44

- Panel S4
- Panel NBB
- Panel NB3
- Panel NB4
- Transformer UNLABELED
- Switchboard NSB1
- Motor Control Center MCC-1
- Contactor LCB3

BUILDING C, 25TH FLOOR

- Panel LS25A
- Panel LS251
- Transformer UNLABELED

BUILDING C, FLOOR 24½

- Panel N241
- Panel N24A
- Combination Starter AHU-C57
- Lighting Contactor LC241

BUILDING C, ROOM 2450.01

- Panel PH251
- Isolation Transformer #1
- Isolation Transformer #2
- Isolation Transformer #3
- Isolation Transformer #4
- Isolation Transformer #5
- Isolation Transformer #6

BUILDING C, ROOM 2450.01
(CONTINUED)

- Fused Disconnect CAB LITE #1
- Fused Disconnect CAB LITE #2
- Fused Disconnect CAB LITE #3
- Fused Disconnect CAB LITE #4
- Fused Disconnect CAB LITE #5
- Fused Disconnect CAB LITE #6
- Fused Disconnect GROUP

BUILDING C, ROOM 2300.03

- Panel N23A
- Panel N231

BUILDING C, ROOM 2100.03

- Panel LS21B

BUILDING C, ROOM 2110.11

- Panel LS211
- Panel N21A SECT 1
- Panel N21A SECT 2
- Panel LS21A
- Panel N211
- Panel N212
- Transformer UNLABELED
- Lighting Contactor LC211A
- Lighting Contactor LC211

BUILDING C, 22ND FLOOR

- Panel N22B
- Panel N222
- Panel N22A
- Panel N221
- Transformers UNLABELED (2)
- Non Fused Disconnect AHU-58
- Non Fused Disconnect AHU-59
- Switchboard USS-C4A
- Switchboard USS-C4B
- Motor Control Center MCC-2
- Lighting Contactor LCTA3
- Lighting Contactor LCTA2
- Combination Motor Starter EF-C41

BUILDING C
PAGE 2

BUILDING C, ROOM 2200.09

- Panel LS22B

BUILDING C, ROOM 2200.01

- Panel UPS-2
- Panel LS221
- Panel LS22A
- Panel EQDP1
- Transformer UNLABELED
- Transfer Switch UNLABELED

BUILDING C, ROOM 2000.03

- Panel LS20B

BUILDING C, ROOM 2000.07

- Panel N20A
- Panel N202
- Panel N205
- Panel N201
- Panel LS201
- Panel LS20A
- Panel NDP20A
- Transformers UNLABELED (2)
- Combination Starter AHU-C52
- Combination Starter EF C34
- Combination Starter EF C22
- Lighting Contactor LC201

BUILDING C, ROOM 2000.12

- Panel N203
- Panel N206
- Panel N204
- Panel NDP20B
- Panel N20B
- Transformer UNLABELED
- Combination Starter AHU-C51
- Combination Starter EF C23
- Combination Starter EF C35
- Lighting Contactor LC202

BUILDING C, ROOM 1900.03

- Panel LS19B
- IFB # Y17-1064-TA
Addendum No. 1
Page 11 of 33

BUILDING C, ROOM 1900.10

- Panel LS19A
- Panel N191
- Panel LS191
- Panel N192
- Panel N19A
- Transformer UNLABELED
- Lighting Contactor LC192
- Lighting Contactor LC191

BUILDING C, ROOM 1900.30

- Panel N19B
- Panel N194
- Panel N193
- Transformer UNLABELED
- Lighting Contactor UNLABELED

BUILDING C, ROOM 1800.03

- Panel LS18B

BUILDING C, ROOM 1800.10

- Panel LS18A
- Panel N181
- Panel LS181
- Panel N182
- Panel N18A
- Transformer UNLABELED
- Lighting Contactor LC182
- Lighting Contactor LC181

BUILDING C, ROOM 1800.30

- Panel N18B
- Panel N184
- Panel N183
- Transformer UNLABELED
- Lighting Contactor LC183

BUILDING C, ROOM 1700.03

- Panel LS17B

BUILDING C, ROOM 1700.07

- Panel N17A
- Panel N172
- Panel N171
- Panel N175
- Panel NDP17A
- Panel LS17A
- Panel LS171
- Panel SEC-6
- Transformers UNLABELED (2)
- Combination Starter AHU-C46
- Combination Starter EF C32
- Combination Starter EF C20
- Lighting Contactor LC171

BUILDING C, ROOM 1700.12

- Panel NDP17B
- Panel N176
- Panel N173
- Panel N174
- Panel N17B
- Transformer UNLABELED
- Combination Starter EF C33
- Combination Starter EF C21
- Combination Starter AHU-C45
- Lighting Contactor LC172

BUILDING C, ROOM 1600.03

- Panel LS16B

BUILDING C, ROOM 1600.10

- Panel LS161
- Panel N16A
- Panel LS16A
- Panel N161
- Panel N162
- Transformer UNLABELED
- Lighting Contactor LC161
- Lighting Contactor LC162

BUILDING C, ROOM 1600.30

- Panel N164
- Panel N163
- Panel N16B
- Transformer UNLABELED
- Lighting Contactor LC163

BUILDING C, ROOM 1500.30

- Panel N15B
- Panel N154
- Panel N153
- Transformer UNLABELED

BUILDING C, ROOM 1500.03

- Panel LS15B

BUILDING C, ROOM 1500.10

- Panel LS15A
- Panel N151
- Panel LS151
- Panel N152
- Panel N15A
- Transformer UNLABELED

BUILDING C, ROOM 1400.07

- Panel N14A
- Panel N142
- Panel N141
- Panel N145
- Panel NDP14A
- Panel LS14A
- Panel LS141
- Transformers UNLABELED (2)
- Combination Starter AHU-C40
- Combination Starter EF C18
- Combination Starter EF C30
- Lighting Contactor UNLABELED

BUILDING C, ROOM 1400.03

- Panel LS14B

BUILDING C, ROOM 1400.11

- Panel NDP14B
- Panel N146
- Panel N143
- Panel N144
- Panel N14B
- Transformer UNLABELED
- Combination Starter AHU-C39
- Combination Starter EF C31
- Combination Starter EF C19

BUILDING C, ROOM 1300.30

- Panel N13B
- Panel N134
- Panel N133
- Transformer UNLABELED

BUILDING C, ROOM 1300.03

- Panel LS13B

BUILDING C, ROOM 1300.10

- Panel LS13A
- Panel N131
- Panel LS131
- Panel N132
- Panel N13A
- Transformer UNLABELED

BUILDING C, ROOM 1200.03

- Panel LS12B

BUILDING C, ROOM 1200.10

- Panel LS12A
- Panel N121
- Panel LS121
- Panel N122
- Panel N12A
- Transformer UNLABELED
- Lighting Contactor LC121
- Lighting Contactor LC122

BUILDING C, ROOM 1200.30

- Panel N12B
- Panel N124
- Panel N123
- Transformer UNLABELED
- Lighting Contactor LC123

BUILDING C, ROOM 1100.03

- Panel LS11B

BUILDING C, ROOM 1100.07

- Panel N11A
- Panel N112
- Panel N111
- Panel N115
- Panel NDP11A
- Panel LS11A
- Panel LS111
- Panel SEC-5
- Transformers UNLABELED (2)
- Combination Starter AHU-C34
- Combination Starter EF C16
- Combination Starter EF C28
- Lighting Contactor LC112
- Lighting Contactor LC111

BUILDING C, ROOM 1100.12

- Panel NDP11B
- Panel N116
- Panel N113
- Panel N114
- Panel N11B
- Transformer UNLABELED
- Combination Starter EF C29
- Combination Starter EF C17
- Combination Starter AHU-C33
- Lighting Contactor LC113

BUILDING C, ROOM 1000.03

- Panel LS10B

BUILDING C, ROOM 1000.10

- Panel LS10A
- Panel N101
- Panel LS101
- Panel N102
- Panel N10A
- Transformer UNLABELED
- Lighting Contactor LC102
- Lighting Contactor LC101

BUILDING C, ROOM 1000.30

- Panel N10B
- Panel N104
- Panel N103
- Transformer UNLABELED
- Lighting Contactor LC103

BUILDING C, ROOM 900.03

- Panel LS9B

BUILDING C, ROOM 900.10

- Panel LS9A
- Panel N91
- Panel LS91
- Panel N92
- Panel N9A
- Transformer UNLABELED
- Lighting Contactor LC92
- Lighting Contactor LC91

BUILDING C, ROOM 900.30

- Panel N9B
- Panel N94
- Panel N93
- Transformer UNLABELED
- Lighting Contactor LC93

BUILDING C, ROOM 800.03

- Panel LS8B

BUILDING C, ROOM 800.07

- Panel N8A
- Panel N82
- Panel N81
- Panel N85
- Panel NDP8A
- Panel LS8A
- Panel LS81
- Transformers UNLABELED (2)
- Combination Starter AHU-C28
- Combination Starter EF C14
- Combination Starter EF C26
- Lighting Contactor LC82
- Lighting Contactor LC81

BUILDING C, ROOM 800.12

- Panel NDP8B
- Panel N86
- Panel N83
- Panel N84
- Panel N8B
- Transformer UNLABELED
- Combination Starter EF C15
- Combination Starter EF C27
- Combination Starter AHU-C27
- Lighting Contactor LC83

BUILDING C, ROOM 700.03

- Panel LS7B

BUILDING C, ROOM 700.10

- Panel LS7A
- Panel N71
- Panel LS71
- Panel N72
- Panel N7A
- Transformer UNLABELED
- Lighting Contactor LC72
- Lighting Contactor LC71

BUILDING C, ROOM 700.38

- Panel N74
- Panel N7B

BUILDING C**PAGE 6**BUILDING C, ROOM 700.38
(CONTINUED)

- Panel N73
- Transformer UNLABELED
- Lighting Contactor LC73

BUILDING C, ROOM 600.03

- Panel LS6B

BUILDING C, ROOM 600.10

- Panel LS6A
- Panel N61
- Panel LS61
- Panel N62
- Panel N6A
- Transformers UNLABELED (2)
- Lighting Contactor LC62
- Lighting Contactor LC61

BUILDING C, ROOM 600.30

- Panel N64
- Panel N6B
- Panel N63
- Transformer UNLABELED
- Lighting Contactor LC63

BUILDING C, ROOM 500.03

- Panel LS5B

BUILDING C, ROOF OUTSIDE RM 500.07

- Switchboard NS51
- Combination Starter SF C8
- Combination Starter EF-C6

BUILDING C, ROOM 500.07

- Panel N5A SECT 1
- Panel N5A SECT 2
- Panel N52
- Panel N51
- Panel N55
- Panel LS5A

IFB # Y17-1064-TA

Addendum No. 1

Page 15 of 33

BUILDING C, ROOM 500.07
(CONTINUED)

- Panel LS51
- Panel NDP5A
- Transformers UNLABELED (2)
- Fused Disconnects UNLABELED (2)
- Combination Starter AHU-C22
- Combination Starter EF C12
- Combination Starter EF C24
- Lighting Contactor UNLABELED
- Lighting Contactor LC51
- Lighting Contactor LC52
- Transfer Switch UNLABELED

BUILDING C, ROOM 500.12

- Panel NDP5B
- Panel N56
- Panel N54
- Panel N5B SECT 1
- Panel N5B SECT 2
- Panel N53
- Transformer UNLABELED
- Combination Starter AHU-C20
- Combination Starter EF C25
- Combination Starter EF C13
- Combination Starter AHU-C21
- Lighting Contactor TA53
- Lighting Contactor LC53

BUILDING C, ROOF OUTSIDE RM 500.12

- Switchboard NS52
- Combination Starter SF C7
- Combination Starter EF-C7

BUILDING C, ROOM 400.03

- Panel LS4B

BUILDING C, ROOM 400.30

- Panel LS41
- Panel LS4A
- Panel N42
- Panel N45
- Combination Starter EF C46

BUILDING C
PAGE 7

BUILDING C, ROOM 400.35

- Panel N44
- Panel N46
- Panel N48
- Combination Starter EF C47

BUILDING C, ROOM 400.10

- Panel N4C SECT 2
- Panel N4C SECT 1
- Transformer UNLABELED

BUILDING C, ROOM 300.03

- Panel LS3B

BUILDING C, ROOM 300.05

- Panel N31
- Panel NDP3A
- Panel N3A SECT 1
- Panel N3A SECT 2
- Panel N3C SECT 1
- Panel N3C SECT 2
- Transformers UNLABELED (2)
- Lighting Contactor LC31
- Lighting Contactor LC3A

BUILDING C, ROOM 300.24

- Panel N3D SECT 1
- Panel N3D SECT 2
- Panel N3B SECT 1
- Panel N3B SECT 2
- Panel NDP3B
- Panel N33
- Transformers UNLABELED (2)
- Lighting Contactor LC33

BUILDING C, ROOM 300.35

- Panel N34
- Panel N36

BUILDING C, ROOM 300.30

- Panel LS31
- Panel N32
- Panel N35
- Panel LS3A
- Panel SEC-4
- Combination Starter AHU-C12

BUILDING C, ROOM 200.03

- Panel LS2B

BUILDING C, ROOM 200.05

- Panel N21
- Panel NDP2A
- Panel N2A SECT 1
- Panel N2A SECT 2
- Panel N2C SECT 1
- Panel N2C SECT 2
- Transformers UNLABELED (2)
- Lighting Contactor LC21
- Lighting Contactor UNLABELED
- Lighting Contactor LC2A

BUILDING C, ROOM 200.24

- Panel N2D SECT 1
- Panel N2D SECT 2
- Panel N2B SECT 1
- Panel N2B SECT 2
- Panel NDP2B
- Panel N23
- Transformers UNLABELED (2)
- Lighting Contactor LC22

BUILDING C, ROOM 200.30

- Panel LS21
- Panel LS2A
- Panel N22
- Panel N25
- Transformer UNLABELED
- Combination Starter AHU-C8

BUILDING C
PAGE 8

BUILDING C, ROOM 200.35

- Panel N24
- Panel N26

BUILDING C, ROOM 100.03

- Panel LS1B

BUILDING C, ROOM 100.05

- Panel N11
- Panel NDP1A
- Panel N1A SECT 1
- Panel N1A SECT 2
- Panel N1C SECT 1
- Panel N1C SECT 2
- Transformers UNLABELED (2)
- Lighting Contactor LC11
- Lighting Contactor LC1A

BUILDING C, ROOM 100.24

- Panel N1D
- Panel N1B SECT 1
- Panel N1B SECT 2
- Panel NDP1B
- Panel N13
- Transformers UNLABELED (2)
- Lighting Contactor LC12

BUILDING C, ROOM 100.35

- Panel N14
- Panel N16

BUILDING C, ROOM 100.30

- Panel LS11
- Panel LS1A
- Panel N15
- Panel N12

BUILDING C, ROOM 400.13

- Panel N41
- Panel NDP4A
- Panel N47

IFB # Y17-1064-TA

Addendum No. 1

Page 17 of 33

BUILDING C, ROOM 400.13
(CONTINUED)

- Panel N4A SECT 1
- Panel N4A SECT 2
- Transformer UNLABELED
- Lighting Contactor LC4A
- Lighting Contactor LC4B
- Lighting Contactor LC41

BUILDING C, ROOM LL02.20

- Combination Starter EF C9
- Combination Starter EF C8

MAIN ELECTRICAL ROOM

- Panel K1-1
- Panel K1-2
- Panel H1-4
- Panel L1-2
- Panel L1-2A
- Transformer T1-1
- Transformer T1-3
- Fused Disconnect MASTER CLOCK
- Switchboard MAIN POWER PANEL
- Switchboard MAIN LIGHTING
- Motor Control Center MCC-1A
- Variable Frequency Drive RTU-2

GENERATOR ROOM

- Panel EH1A
- Panel EMP1-1
- Panel EMP1-2
- Panel EML1-1
- Panel EML2-1
- Transformer EM-T1
- Transformer UNLABELED
- Fused Disconnect UNLABELED

CENTRAL ENERGY PLANT

- Panel DP
- Panel LP1
- Panel 2MDP
- Transformer UNLABELED
- Fused Disc COOLING TOWER 1
- Fused Disc COOLING TOWER 2
- Combination Starter P-PCW-3
- Combination Starter P-PCW-4
- Combination Starter P-PCHW-3
- Combination Starter P-PCHW-4
- Motor Starter PUMP #2 COND WTR
- Motor Starter PUMP #1 COND WTR
- Motor Starter PUMP #2 PRIM CH WTR
- Motor Starter PUMP #1 PRIM CH WTR
- Control Cabinet CHILLER 2
- Control Cabinet CHILLER 1
- Control Cabinet UNLABELED
- Drive Unit UNLABELED
- Drive Unit COOLING TOWER 2

ROOF

- Fused Disconnect AC-1
- Fused Disconnect AC-2
- Fused Disconnect AC-3
- Non Fused Disconnect RTU-3
- Non Fused Disconnect RTU-5E
- Non Fused Disconnect RTU-4E
- Non Fused Disconnect RTU-5C
- Non Fused Disconnect RTU-4
- Non Fused Disconnect RTU-5

5TH FL NW ELECTRICAL CLOSET #529

- Panel L5-1
- Panel UNLABELED
- Panel H5-1

5TH FLOOR SW ELECTRICAL CLOSET

- Panel UNLABELED
- Panel L5-4

5TH FLOOR NNE ELECTRICAL CLOSET

- Panel EH5A

5TH FLOOR NE ELECTRICAL CLOSET

- Panel L5-2

5TH FL SE ELECTRICAL CLOSET #581

- Panel H5-2
- Panel L5-3
- Panel UNLABELED

5TH FLOOR N CENTER ELECT CLOSET

- Panel H5-3
- Panel L5-5

5TH FLOOR ELECTRICAL ROOM

- Motor Control Center MCC 5A
- Drive Unit RTU-3
- Drive Unit RTU-4C

5TH FLOOR ELECTRICAL ROOM
(CONTINUED)

- Drive Unit RTU-4E
- Drive Unit RTU-5C
- Drive Unit RTU-5E

5TH FLOOR SERVICE ELEVATOR LOBBY

- Panel P5-1A

4TH FLOOR SERVICE ELEVATOR LOBBY

- Panel P-4

4TH FLOOR NNE ELECTRICAL ROOM

- Panel EH4A
- Panel EM

4TH FL NE ELECTRICAL CLOSET #440

- Panel L4-2

4TH FL SE ELECTRICAL CLOSET #452

- Panel H4-2
- Panel L4-3

4TH FL NW ELECTRICAL CLOSET #431

- Panel L4-1A
- Panel L4-1
- Panel UNLABELED
- Panel H4-1

4TH FLOOR SW ELECTRICAL CLOSET

- Panel L4-4

3RD FLOOR SERVICE ELEVATOR LOBBY

- Panel P-3

3RD FLOOR NE ELECTRICAL CLOSET

- Panel EH3A

3RD FL ELECTRICAL CLOSET #227

- Panel H3-2
- Panel L3-3

3RD FLOOR COMMUNICATIONS DIVISION

- Panel L3-5

3RD FL OLD LEGAL CONFERENCE RM A

- Panel L3-4

3RD FL NW ELECTRICAL CLOSET #313

- Panel L3-1
- Panel H3-1

3RD FL SE ELECTRICAL CLOSET #324

- Panel UNLABELED
- Panel L3-2

2ND FLOOR SW ELECTRICAL CLOSET

- Panel L2-4A
- Panel L2-4

2ND FLOOR NW ELECTRICAL CLOSET

- Panel L2-1A
- Panel L2-1
- Panel H2-1

2ND FLOOR NNE ELECTRICAL ROOM

- Panel EH2A

2ND FLOOR SERVICE ELEVATOR LOBBY

- Panel P-2

2ND FLOOR NE ELECTRICAL CLOSET

- Panel L2-2
- Panel UNLABELED

ADMIN
PAGE 32ND FLOOR SE ELECTRICAL CLOSET

- Panel H2-2
- Panel L2-3

1ST FLOOR SERVICE ELEVATOR LOBBY

- Panel P-1

1ST FLOOR TELECOM ROOM

- Panel EML1-3
- Panel EML1-2
- Fused Disconnect UNLABELED
- Non Fused Disconnect UNLABELED

WEST MEETING RM MECHANICAL RM

- Fused Disconnect UNLABELED
- Fused Disconnect DUCT HEATER 3NW
- Fused Disconnect DUCT HEATER 2D
- Fused Disconnect DUCT HEATER 2F
- Combination Starter AHU-3NW
- Combination Starter AHU-2D
- Drive Unit AHU-2F
- Drive Unit AHU-2B

EAST MEETING RM MECHANICAL RM

- Panel H2-3
- Panel L2-5
- Panel L2-5A
- Panel L2-5B
- Panel L2-5C
- Transformer T2-3
- Fused Disconnect Duct Heater 3SW
- Fused Disconnect Duct Heater 2E
- Fused Disconnect UNLABELED
- Non Fused Disconnect SF1
- Combination Starter AHU-3SW
- Combination Starter AHU-2E
- Motor Starter SF1
- Drive Unit AHU-2G
- Drive Unit AHU-2C

1ST FL ELECTRICAL CLOSET #112

- Panel L1-4

1ST FL SE ELECTRICAL CLOSET #163

- Panel H1-2
- Panel L1-3
- Panel UNLABELED

1ST FL NW ELECTRICAL CLOSET #127

- Panel L1-1A
- Panel L1-1
- Panel H1-1

MAIN ELECTRICAL ROOM E100

- Panel EDP-LS
- Panel H1A
- Panel L1A
- Panel L1F
- Panel LDP1
- Panel EH1A
- Panel EL1A
- Transformer ET1A
- Transformer T1A
- Switchboard MDS
- Lighting Contactor LC1A
- Lighting Contactor LC1B
- Transfer Switch ATS-LS
- Transfer Switch ATS-NE

CATERING ROOM 105

- Panel L1D

ROOM M100A MEZZANINE

- Transformer T2A
- Non Fused Disconnect T2A
- Combination Starter F-4
- Combination Starter F-6
- Motor Starter F-5
- Motor Starter F-3
- Motor Starter F-21

ROOM M100A MEZZANINE PUMP AREA

- Combination Starter P-1
- Combination Starter P-2
- Combination Starter P-3
- Combination Starter P-4

ROOM M100A

- Panel M1 SECTION #1
- Panel M1 SECTION #2
- Fused Disconnect AHU-1
- Fused Disconnect HF-1
- Fused Disconnect DOM WATER CONT
- Non Fused Disconnect EWH-1

ROOM M100A (CONTINUED)

- Combination Starter FLOOD PUMP
- Combination Starter FILTER PUMP
- Combination Starter FEATURE PUMP #1
- Combination Starter FEATURE PUMP #2
- Chiller Control Cabinet CH-1

OUTSIDE ROOM M100A

- Panel PLAZA LOAD CENTER
- Fused Disconnect DISPLAY #1
- Fused Disconnect DISPLAY #2
- Non Fused Disconnect FILTER PUMP
- Non Fused Disconnect CUT OFF PUMP

5TH FLOOR PREACTION

- Non Fused Disconnect AC-1

ROOF

- Fused Disconnect CH-2
- Fused Disconnect CU-1
- Fused Disconnects UNLABELED (2)
- Non Fused Disconnect AHU-8
- Non Fused Disconnect HF8
- Non Fused Disconnect HF4
- Non Fused Disconnect AHU-4
- Non Fused Disconnect HF5
- Non Fused Disconnect AHU-5
- Non Fused Disconnect AHU-6
- Non Fused Disconnect HF6
- Non Fused Disconnect AHU-7
- Non Fused Disconnect F-11
- Non Fused Disconnect FCU-1
- Combination Starter F-20
- Combination Starter F-19
- Combination Starter CT-1
- Combination Starter P-5
- Combination Starter P-6
- Combination Starter F-18
- Combination Starter F-17
- Combination Starter F-13
- Combination Starter F-12
- Combination Starter F-8

ROOF (CONTINUED)

- Combination Starter F-10
- Combination Starter F-7
- Combination Starter AHU-6
- Combination Starter F-15
- Combination Starter AHU-7
- Combination Starter F-14
- Combination Starter CT-1
- Motor Starter F-9
- Motor Starter F-16
- Control Cabinets HEATRIX (2)

ROOM E500

- Panel L5A
- Panel L5B
- Panel M5 SECTION #1
- Panel M5 SECTION #2
- Panel H5A
- Panel EM5B
- Panel EM5A SECTION #1
- Panel EM5A SECTION #2
- Panel EL5A
- Transformer ET5A
- Non Fused Disconnect ET5A

ROOM E400

- Panel LDP4A
- Panel L4A
- Panel L4B
- Panel LDP4B
- Transformer T4A
- Transformer T4B
- Non Fused Disconnect T4A
- Non Fused Disconnect T4B
- Lighting Contactor LC4

ROOM E300

- Panel EH3A
- Panel M3 SECTION #1
- Panel M3 SECTION #2
- Panel LDP3
- Panel L3A
- Panel L3B

ROOM E300 (CONTINUED)

- Transformer T3A
- Non Fused Disconnect T3A
- Lighting Contactor LC3/LC3A

ROOM E200B

- Panel H2A
- Panel L2A
- Panel L2B
- Panel L2C
- Lighting Contactor LC2A/LC2B

WOODSHOP ROOM 112

- Panel LS1A

EXHIBIT/ARTS DEPARTMENT HALLWAY

- Panel L1B

OUTSIDE BUILDING

- Panel L1E

FRONT OF BUILDING

- Panel UNLABELED

MAIN ELECTRICAL ROOM

- Panel MDP-1
- Switchboard PANEL MDP
- Fused Disconnect PANEL L1B
- Fused Disconnect PANEL L1C

ELEVATOR ROOM

- Fused Disconnect CAB LIGHTS A
- Fused Disconnect CAB LIGHTS B
- Fused Disconnect A
- Fused Disconnect B

ROOF

- Combination Starter PCHWP-1A
- Combination Starter PCHWP-1
- Drive Unit SCHWP-1A
- Drive Unit SCHWP-1
- Control Cabinet UNLABELED

3RD FLOOR ELECTRICAL ROOM 301

- Panel P3A
- Panel P3
- Panel L3

2ND FLOOR ELECTRICAL ROOM

- Panel UNLABELED
- Panel L2B
- Panel L2A
- Panel P2B
- Panel P2
- Panel L2

1ST FLOOR ELECTRICAL ROOM

- Panel P1B
- Panel L1B
- Panel P1C
- Panel P1
- Panel L1

INFRARED, IOC II1ST FLOOR ELEVATOR ROOM

- Fused Disconnect ELEV CAB LIGHTS B
- Fused Disconnect ELEV CAB LIGHTS A
- Fused Disconnect A
- Fused Disconnect B

1ST FLOOR ELECTRICAL ROOM 2

- Panel EHDP
- Panel ELDP
- Panel HP1
- Transformer T-7
- Transfer Switch ATS

1ST FLOOR MAIN ELECTRICAL ROOM

- Panel H1
- Panel L1B
- Panel L1A
- Panel L1C
- Transformer T1B
- Transformer T1A
- Switchboard MDP
- Lighting Contactor MX-1
- Lighting Contactor MX-2
- Lighting Contactor MX-3
- Lighting Contactor MX-4

ROOF

- Non Fused Disconnect CHILLER DISC
- Combination Starter PCHWP-1
- Combination Starter PCHWP-2
- Control Cabinet SCHWP-1
- Control Cabinet SCHWP-2

5TH FLOOR ELECTRICAL ROOM

- Panel L5A
- Panel L5B
- Panel H5
- Panel L5C
- Panel HP5B
- Panel HP5A
- Transformer T5

5TH FLOOR ELECTRICAL ROOM (CONT)

- Transformer T5B
- Lighting Contactor PV-1
- Lighting Contactor PV-2

4TH FLOOR ELECTRICAL ROOM

- Panel L4C
- Panel L4A
- Panel L4B
- Panel H4
- Panel HP4
- Transformer T4A

3RD FLOOR ELECTRICAL ROOM

- Panel L3C
- Panel L3A
- Panel L3B
- Panel H3
- Panel HP3
- Panel UNLABELED
- Transformer T3A

2ND FLOOR ELECTRICAL ROOM

- Panel L2A
- Panel L2B
- Panel L2C
- Panel H2
- Panel HP2
- Transformer T2A

PARKING GARAGE

- Fused Disconnect PANEL T
- Non Fused Disconnect EWH
- Non Fused Disconnect CU-4

OUTSIDE PARKING GARAGE

- Non Fused Disconnect CU-1

MECHANICAL ROOM

- Non Fused Disconnect AC-1
- Motor Starter UNLABELED

HALLWAY

- Panel T SECTION 1
- Panel T SECTION 2

REAR OF BUILDING

- Panel UNLABELED
- Fused Disconnect PANEL AH
- Fused Disconnect PANEL CU
- Fused Disconnect 2ND FL PANEL
- Fused Disconnect 1ST FL PANEL

MECHANICAL ROOM

- Panel AIR HANDLER
- Panel HEAT STRIP

1ST FLOOR STAIRWELL

- Panel UNLABELED

2ND FLOOR STAIRWELL

- Panel UNLABELED

33rd District Electrical Equipment inventory

Cassidy Building

| Equipment | | Sections | Panels/Subpanels |
|----------------------|---------|-----------|------------------|
| Switch Gear | 277/480 | 2 Section | |
| Power Breaker | 800amp | Section 1 | 1 |
| Molded Case Breakers | | Section 2 | 16 |
| Transformers | | | 6 |
| Transfer Switches | | | 1 |
| Panel Boards | | | 14 |
| Switches | | | 2 |
| Chiller | | | 1 |

Sector 4 Building

| | | | |
|-------------------|---------|-----------|----|
| Switch Gear | 277/480 | 2 Section | |
| Power Breaker | 1200amp | Section 1 | 1 |
| Switches | | Section 1 | 2 |
| Switches | | Section 2 | 10 |
| Transformers | | | 3 |
| Transfer Switches | | | 2 |
| Panel Boards | | | 14 |
| Switches | | | 3 |
| Chiller | | | 1 |
| VFD's | | | 3 |

New Kitchen Building

| | | | |
|----------------------|---------|-----------|----|
| Switch Gear | 277/480 | 2 Section | |
| Power Breaker | 2500amp | Section 1 | 1 |
| Molded Case Breakers | | Section 2 | 11 |
| Transformers | | | 8 |
| Transfer Switches | | | 2 |
| Molded Case Breakers | | | 8 |
| Panel Boards | | | 17 |
| Switches | | | 22 |
| Chiller | | | 2 |
| VFD's | | | 3 |
| Motor Contol | | | 7 |

Correctional Support Building

| | | | |
|----------------------|---------|-----------|----|
| Switch Gear | 277/480 | 2 Section | |
| Power Breaker | 1600amp | Section 1 | 1 |
| Molded Case Breakers | | Section 2 | 11 |
| Transformers | | | 2 |
| Transfer Switches | | | 1 |
| Molded Case Breakers | | | 14 |
| Panel Boards | | | 34 |
| Switches | | | 2 |
| Chiller | | | |
| VFD's | | | 7 |
| Motor Contols | | | 22 |

Video Visitation Building

| | | | |
|----------------------|---------|-----------|----|
| Switch Gear | 208/120 | 1 Section | |
| Power Breaker | 800amp | Section 1 | 1 |
| Molded Case Breakers | | Section 1 | 14 |
| Panel Boards | | | 5 |

Booking Release Center Building

| | | | |
|----------------------|---------|-----------|----|
| Switch Gear | 277/480 | 5 Section | |
| Power Breaker | 3000amp | Section 1 | 1 |
| Molded Case Breakers | | Section 2 | 3 |
| Power Breaker TIE | 3000amp | Section 3 | 1 |
| Molded Case Breakers | | Section 4 | 4 |
| Power Breaker | 3000amp | Section 5 | 1 |
| Switch Gear | 277/480 | 2 Section | |
| Power Breaker | 3000amp | Section 1 | 1 |
| Molded Case Breakers | | Section 2 | 5 |
| Transformers | | | 9 |
| Transfer Switches | | | 3 |
| Molded Case Breakers | | | 57 |
| Panel Boards | | | 59 |
| Switches | | | 9 |
| Chiller | | | |
| VFD's | | | 5 |
| Motor Contols | | | 7 |

Phoenix Building

| | | | |
|----------------------|---------|-----------|----|
| Switch Gear | 277/480 | 1 Section | |
| Power Breaker | 1200amp | Section 1 | 1 |
| Molded Case Breakers | | Section 2 | 14 |
| Switch Gear | 277/480 | 1 Section | |
| Power Breaker | 1000amp | Section 1 | 1 |
| Molded Case Breakers | | Section 1 | 6 |
| Switch Gear | 277/480 | 1 Section | |
| Power Breaker | 1200amp | Section 1 | 1 |
| Molded Case Breakers | | Section 1 | 6 |
| Transformers | | | 9 |
| Transfer Switches | | | 3 |
| Molded Case Breakers | | | 0 |
| Panel Boards | | | 21 |
| Motor Contols | | | 2 |

South Parking Lot

| | | | |
|--------------|--|--|---|
| Panel Boards | | | 3 |
| Transformer | | | 1 |

South Parking Lot Building

| | | | |
|--------------|--|--|---|
| Panel Boards | | | 2 |
|--------------|--|--|---|

Genesis Building

| | | | |
|----------------------|--|--|---|
| Molded Case Breakers | | | 5 |
| Panel Boards | | | 6 |
| Transformer | | | 4 |

Central Energy Plant 2 Building

| | | | |
|----------------------|---------|-----------|----|
| Switch Gear | 277/480 | 2 Section | |
| Power Breaker | 2500amp | Section 1 | 1 |
| Molded Case Breakers | | Section 2 | 7 |
| Switch Gear | 277/480 | 2 Section | |
| Power Breaker | | Section 1 | 0 |
| Molded Case Breakers | | Section 2 | 3 |
| Molded Case Breakers | | | 25 |
| Panel Boards | | | 4 |

| | | |
|-------------------|--|---|
| Switches | | 9 |
| Chiller | | 3 |
| VFD's | | 7 |
| Motor Contols | | 6 |
| Transformers | | 3 |
| Transfer Switches | | 9 |

A Building

| | | | |
|----------------------|---------|-----------|----|
| Switch Gear | 277/480 | 1 Section | |
| Power Breaker | 1200amp | Section 1 | 1 |
| Molded Case Breakers | | Section 1 | 16 |
| Transformers | | | 2 |
| Transfer Switches | | | 3 |
| Molded Case Breakers | | | 8 |
| Panel Boards | | | 18 |

B Building

| | | | |
|----------------------|---------|------------|----|
| Switch Gear | 277/480 | 1 Section | |
| Power Breaker | 1000amp | Section 1 | 1 |
| Molded Case Breakers | | Section 1 | 10 |
| Transformers | | | 2 |
| Transfer Switches | | | 3 |
| Molded Case Breakers | | | 23 |
| Panel Boards | | | 5 |
| Motor Contols | | 3 sections | 15 |

D Building

| | | | |
|----------------------|---------|------------|----|
| Switch Gear | 120/208 | 3 Section | |
| Molded Case Breakers | | Section 1 | 9 |
| Transformers | | Section 2 | 1 |
| Molded Case Breakers | | Section 3 | 7 |
| Molded Case Breakers | | | 13 |
| Panel Boards | | | 10 |
| Motor Contols | | 3 sections | 39 |
| Switches | | | 2 |

E Building

| | | | |
|----------------------|---------|------------|----|
| Switch Gear | 120/208 | 3 Section | |
| Molded Case Breakers | | Section 1 | 10 |
| Transformers | | Section 2 | 1 |
| Molded Case Breakers | | Section 3 | 7 |
| Panel Boards | | | 11 |
| Motor Contols | | 3 sections | 43 |

South Parking Lot

| | | | |
|--------------|--|--|---|
| Panel Boards | | | 2 |
| Transformer | | | 1 |
| Switches | | | 3 |

F Building

| | | | |
|----------------------|--|------------|----|
| Molded Case Breakers | | Section 3 | 9 |
| Panel Boards | | | 12 |
| Motor Contols | | 4 sections | 36 |
| Transformer | | | 1 |

Horizon Building

| | | | |
|----------------------|---------|-----------|----|
| Switch Gear | 277/480 | 3 Section | |
| Power Breaker | 2000amp | Section 1 | 1 |
| Power Breaker | 1600amp | Section 2 | 1 |
| Molded Case Breakers | | Section 2 | 3 |
| Molded Case Breakers | | Section 3 | 1 |
| Switch Gear | 277/480 | 2 Section | |
| Power Breaker | 1600amp | Section 1 | 1 |
| Molded Case Breakers | | Section 2 | 4 |
| Molded Case Breakers | | | 16 |
| Panel Boards | | | 34 |
| Switches | | | 1 |
| VFD's | | | 4 |
| Transformers | | | 3 |
| Transfer Switches | | | 3 |

Female Detention Center

| | | | |
|----------------------|---------|-----------|----|
| Switch Gear | 277/480 | 3 Section | |
| Power Breaker | 4000amp | Section 1 | 1 |
| Molded Case Breakers | | Section 2 | 2 |
| Molded Case Breakers | | Section 3 | 12 |
| Molded Case Breakers | | | 9 |
| Panel Boards | | | 31 |
| Switches | | | 3 |
| VFD's | | | 3 |
| Transformers | | | 3 |
| Transfer Switches | | | 13 |

Whitcomb A Building

| | | | |
|----------------------|---------|--|---|
| Molded Case Breakers | 277/480 | | 8 |
| Panel Boards | | | 8 |
| Transformer | | | 2 |

Central Energy Plant 1

| | | | |
|----------------------|---------|------------|---|
| Switch Gear | 277/480 | 12 Section | |
| Switches | | Section 1 | 0 |
| Switches | 3000amp | Section 2 | 1 |
| Switches | | Section 3 | 1 |
| Switches | | Section 4 | 1 |
| Switches | | Section 5 | 1 |
| Switches | | Section 6 | 1 |
| Molded Case Breakers | | Section 7 | 1 |
| Molded Case Breakers | | Section 8 | 5 |
| Molded Case Breakers | | Section 9 | 3 |
| Molded Case Breakers | | Section 10 | 1 |
| Molded Case Breakers | | Section 11 | 3 |
| Molded Case Breakers | | Section 12 | 3 |
| Switch Gear | 277/480 | 2 Section | |
| Power Breaker | 1600amp | Section 1 | 1 |
| Molded Case Breakers | | Section 1 | 4 |
| Molded Case Breakers | | Section 2 | 5 |
| Switch Gear | 277/480 | 2 Section | |

| | | | |
|-------------------|---------|------------|----|
| Power Breaker | 1600amp | Section 1 | 1 |
| Switches | | Section 2 | 4 |
| Switch Gear | 277/480 | 3 Section | |
| Power Breaker | 1600amp | Section 1 | 1 |
| Power Breaker | 1600amp | Section 2 | 1 |
| Power Breaker | 1600amp | Section 3 | 1 |
| Transformers | | | 3 |
| Transfer Switches | | | 3 |
| Panel Boards | | | 3 |
| Switches | | | 9 |
| Chiller | | | 3 |
| VFD's | | | 5 |
| Motor Contols | | 8 Sections | 38 |

Laundry Building

| | | | |
|----------------------|---------|-----------|---|
| Switch Gear | 277/480 | 2 Section | |
| Power Breaker | 1200amp | Section 1 | 1 |
| Molded Case Breakers | | Section 2 | 8 |
| Panel Boards | | | 7 |
| Transformers | | | 2 |
| Motor Controls | | | 3 |