

April 26, 2016

ADDENDUM #1

This Addendum is hereby made a part of the contract documents to the same extent as though it was originally included therein. This addendum must be acknowledged in the Bid Form.

TO ALL BIDDERS FOR FURNISHING LABOR, EQUIPMENT AND MATERIALS NECESSARY AND REQUIRED FOR:

ST. JOHN SENIOR CITIZENS CENTER

LA Hwy. 18

Edgard, Louisiana

FOR: ST. JOHN THE BAPTIST PARISH

ARCHITECT'S PROJECT NUMBER: 14-482A

MISCELLANEOUS CHANGES, ADDITIONS AND CORRECTIONS:

1. The sign-in sheet from the Mandatory Pre-Bid Conference held on April 14, 2016, is hereby attached for reference. Bids will only be accepted from bidders who are listed on this sheet. The original sign-in sheet is on file at the Owner's office.
2. The minutes from the Mandatory Pre-Bid Conference held on April 14, 2016, are hereby attached for reference.
3. All bidders are advised that, due to renovations underway in the Joel S. McTopy Council Chambers, ***the bids will now be opened and read aloud in the Operations Room of the Emergency Operations Center at 1801 West Airline Hwy., LaPlace, LA 70068.*** The date and time of the bid opening are unchanged.
4. For clarification, all existing soil not used in the Project shall become the property of the Owner; and Contractor shall stockpile on site at a location designated by the Owner.

CHANGES, ADDITIONS AND CORRECTIONS IN PROJECT MANUAL:

1. Section 001000, "Advertisement for Bids": In the last paragraph of the Advertisement, delete reference to minimum wage rates. For clarification, this project is funded solely by local Parish money. Prevailing wages (David-Bacon wage rates) are not required.

DUPLANTIS DESIGN GROUP, PC

314 East Bayou Road Thibodaux, LA 70301
Phn 985.447.0090 \ Fax 985.447.7009

THIBODAUX
COVINGTON

BATON ROUGE
HOUMA

HOUSTON
DALLAS

2. Section 014000, “Quality Requirements”: Delete the “RFQ 2013 – Approved List” on pages 7 and 8 of this section. There are no “preapproved” testing agencies.
3. Section 084113, “Aluminum-Framed Entrances and Storefronts”: Add the following manufacturer’s as prior approved, subject to compliance with the Project Manual:
 - a. YKK AP America, Inc.
4. Section 133419, “Metal Building Systems”: Modify the following:
 - a. Paragraph 1.3-C-10: Delete this subparagraph. This certification has been discontinued.
 - b. Paragraph 1.4-B-1: Delete this subparagraph. This certification has been discontinued.
 - c. Paragraph 2.1-A: Add the following manufacturer’s as prior approved, subject to compliance with the Project Manual:
 - i. Alliance Steel Building Systems, Oklahoma City, OK
 - ii. Ideal Steel, LLC, Broussard, LA

CHANGES, ADDITIONS AND CORRECTIONS IN THE DRAWINGS:

1. Sheet C-1: Modify the following:
 - a. The shaded sidewalk identified as “Alternate Addition” shall be included as part of the Base Bid. For clarification, there are no alternate bids identified in this project.
 - b. Site Plan Note #2: Delete the words “...as indicated on the Landscaping Plan.” For clarification, no Landscaping Plan is provided.
2. Sheet C-3: Delete this sheet and attach the revised Sheet C-3 dated 4/26/16. For clarification, this sheet has been revised to add a sewer backwater valve and riser as required by Parish Engineer.
3. Sheet C-4: For clarification, the “Standard Duty Concrete Pavement” detail shall be used throughout the parking lot paving.
4. Sheet SW1.1: For clarification, there is no fence around the HVAC condensing units.
5. Sheet SW1.1 and Sheet S2.0: For clarification, the condensing unit concrete pad and the rear door stoop are not shown on Sheet S2.0. These concrete pads/stoops shall be constructed of 6-inch thick concrete with reinforcing to match the main building slab, and poured with the main building slab. Each pad/stoop shall have a perimeter grade beam GB-3 on the 3 exterior sides.

REFER TO THE FOLLOWING SHEETS FOR MECHANICAL, PLUMBING, AND ELECTRICAL PRIOR APPROVALS AND INVERTER SPECIFICATIONS AS REFERENCED ON SHEET E1.0.

END OF ADDENDUM NO. 1



WWW.DDGPC.COM

DUPLANTIS DESIGN GROUP, PC
THIRD FLOOR, 1500 N. GULF BLVD., SUITE 1000, DALLAS, TEXAS 75247
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 05/24/01 BY 60322 UCBAW/STP/STP

COPY

**WESTBANK ST. JOHN SENIOR CITIZENS CENTER
FOR ST. JOHN THE BAPTIST PARISH GOVERNMENT**
DDG Project No. 14-482A

Mandatory Pre-Bid Conference
April 14, 2016; 10:00 a.m.

SIGN-IN SHEET (please write legibly!!!!)

Name (Please Print)	Company Represented	Phone No.	Email address	Bidding as General (Y/N)
Glenda Allen	K-Belle Consultants	504-488-0222	gallen@k-belle.com	Y
Lanny Barrios	Onshore Const. Co.	985-227-4425	lanny@onshoreco.com	Y
Curtis Marcello	B.E.T. Construction	985-447-5764	jbclangen@byronetalbot.com	Y
JAKE GRAVOIS	M & H BUILDERS	225-265-3663	mhbldersinc@att.net	Y
Tony Palmer	LA Contracting Enterprise	485-859-6716	tonyp@la-cont.com	Y
Benton Foret	Foret Contracting Group LLC	985-447-5296	gyoung@foretgroup.com	Y
Donn Cooper	St. John the Baptist	985-379-6152	d.cooper@sjbparish.com	
Floyd Luster Jr.	The Luster Group	225-329-6573	bids@thelustergroup.com	Y
Jonah Bartholomew	The Luster Group	504-913-4523	jb@thelustergroup.com	
YVONNE RONGEY	SJB PARISH	985-652-9569	y.rongey@sjbparish.com	N/A
DONALD RIXNER JR.	ST. JOHN PARISH	504-650-1849	D.RIXNER@SJBPARISH.COM	
Andy Positerry	DUPLANTIS DESIGN GROUP	985-447-0090	apositerry@ddgpc.com	N/A

**NEW ST. JOHN SENIOR CITIZENS CENTER
ST. JOHN THE BAPTIST PARISH
PRE-BID CONFERENCE MINUTES**
April 14, 2016; 10:00 a.m.

1. Introduction of Owner, User Agency (if applicable), Architect, and Consultants.
 1. Inform audience that conference is mandatory
 2. Distribute and collect Sign-in Sheet
2. Advise Contractors of bid date, time and place: Bids shall be addressed to the St. John the Baptist Parish Council and delivered to the receptionist at the Parish President's Office in the Percy Hebert Building, 1801 West Airline Hwy., LaPlace, LA not later than **2:45 o'clock P. M. on May 3, 2016. Bid envelope shall be marked "Sealed Bid – St. John Westbank Senior Citizens Center" and include the Company Name, Address, and License Number.** Any bids received after the specified time and date will not be considered. The sealed bids will be publicly opened and read aloud at 3:00 o'clock P. M. that same date in the **OPERATIONS ROOM OF THE EMERGENCY OPERATIONS CENTER** located at 1801 West Airline Hwy. LaPlace, LA 70068. *Note that the location of the bid opening has been changed via Addendum #1 due to renovations taking place in the Council Chambers.*
3. Bid security requirements: ***Certified Check, Cashier's Check or Bid Bond in the amount of five (5%) percent of the amount of the total bid made payable to the appropriate agency. Failure to do so will result in the bid/bids being declared nonresponsive and shall be cause for rejection. The Bid Bond shall be included with the bid and shall be on the form described in the Project Manual.***
4. Performance and payment bond requirements: ***Refer to General and Supplementary Conditions, Article 11, of the Project Manual. Bonds shall be for 100% of the Contract amount.***
5. Review Addenda (issued and proposed)
 1. Addendum #1 (proposed)
 - 1 Delete "approved testing" list in Section 014000.
 - 2 Confirm if David-Bacon wage rates are required. *Follow-up via Addendum #1: Davis-Bacon wage rates are NOT required.*
 - 3 Prior approvals
6. Review Bid Form
 1. Submit original only – ***LA Uniform Public Work Bid Form***
 2. ***Fill-in all blanks.*** If an items does not apply, write in "N/A" or "Not Applicable"
 3. No Alternates or Unit Prices in this bid
 4. Discuss construction time: ***180 calendar days, subject to extensions via approved change orders***
 5. Discuss liquidated damages: ***\$500.00 per calendar day***
7. Discuss and review Bid Submittal Information
 1. Items required to be submitted ***with the bid*** (RS 38:2212-B(2)):

- 1 Bid Form (LA Uniform Public Work Bid Form)
- 2 Bid Security / Bid Bond (Use forms in the Project Manual)
- 3 Corporate resolution or evidence of the authority of the person signing the bid
- 4 LA Contractor's License Number (on bid envelope)
2. Low Bidder must submit the following documentation *within ten (10) days after the bid opening* in accordance with LA Public Bid Law (RS 38:2212-B(3)(a)):
 - 1 Non-Collusion Affidavit (Section 004300)
 - 2 Attestation Clause/E-Verify Affidavit (Section 004400)
 - 3 Other CDBG, Federal, DBE, or other compliance forms as required in the Project Manual.
8. Discuss delays and extensions of time and anticipated days of adverse weather. *Refer to Supplementary Conditions, Article 15.1.5.4.*
9. Discuss insurance requirements
 1. Refer to Supplementary Conditions, Article 11
10. Discuss tax exempt status and requirements, review forms (Sections 009000 and 009050)
11. Discuss and review Davis-Bacon and other Federal requirements (Owner confirm?) *Follow-up via Addendum #1: Davis-Bacon wage rates are NOT required.*
12. Project coordination
 1. General Contractor's full-time superintendent shall be provided and on site anytime work is being completed.
 2. Subcontractors must be familiar with all plans and specifications. No change order will be accepted for failure of a subcontractor to include work in his bid that may be shown on other drawings or specification sections.
13. Discuss Testing Lab Requirements (Section 014000). Contractor is responsible for all testing. *Follow-up via Addendum #1: Delete list of pre-approved testing agencies at the end of Section 014000.*
14. Discuss temporary facilities
 1. Temporary utilities are Contractor's responsibility
 2. Site access and utilization
 3. Sanitary facilities
 4. Project sign, confirm layout with Owner *Follow-up via Addendum #1: Project sign will be required.*
 5. Security and protection
15. Requests for product substitutions
 1. Must receive 10 days prior to bid time
 2. Approvals issued by Addendum only; 72 hours before bidding; no questions will be answered within 72 hours unless it's major enough to warrant an addendum to postpone bid date.
 3. Owner reserves the right to substitute products after bidding to maintain the project schedule in accordance with General Conditions.
16. Advise Bidders regarding which online service and/or plan rooms they can obtain documents: www.centralbidding.com, www.sjbparish.com, CD of electronic files from DDG's office.

17. Review / discuss site conditions
18. Summarize the Work
 1. General Description
 2. Existing conditions
 3. Work to be performed by others
 4. Work to be performed by Owner
 5. Current Construction Budget: ***\$550,000.00***
19. Ask for and clarify and specification questions
20. Briefly review entire set of plans
21. Receive and answer Contractor questions
 1. Record those questions that need clarification by Addendum
 2. Record any omissions in plans and specifications that should be included by Addendum
22. Verify that all Bidders in attendance have signed the sign-in sheet



WOOLF HARRIS

REPRESENTING EXCELLENCE

210 General Patton Avenue, Mandeville, LA 70471 504 733-8733 x6015

Date: April 20, 2016 Job: St. John Senior Citizen's Center
 Bid Date: 5/3/2016 Edgard, Louisiana
 Dodge#: 2016 0048 4720

Duplantis Design Group PC,

Please consider approving for bidding purposes these alternate manufacturers' items for the specified job shown above:

Symbol:	Substituted Manufacturer:	Substituted Model Number:	Specified Manufacturer:	Specified Model Number:
LAV-1/S-2 Lav. Faucet	Delta	22C841	American Standard	2000.101
U-1 Flush Valve	Delta	81T231	American Standard	6045.101
WH-1 Water Heater	American Standard	LDN40T-AS	Rheem	PROE40 T2 RH95

Specification sheets follow this page. If more information is needed, please call or e-mail me



ADA Commercial models shipped in 3 days!

Thank you for your consideration.

Sincerely,

Nathaniel Durant, Sr.

ND

cc: Pivotal Engineering, LLC

PIVOTAL ENGINEERING, LLC

- Approved
- Approved As Noted
- Revise & Resubmit
- Rejected

The review of this submittal is limited to the general conformance with the design concept of the project and general compliance of information included in the project manual and drawings. The Contractor is responsible for the determination, verification and certification of all field measurements, field construction criteria, materials, dimensions, catalog numbers and data related to this project and all contract requirements.

Reviewed by: [Signature] Date: 4/25/16



WOOLF HARRIS

REPRESENTING EXCELLENCE

210 General Patton Avenue, Mandeville, LA 70471 504 733-8733 x6015

Date: April 25, 2016 Job: City Park/Wentwood Park/Woodlake
 Bid Date: 5/10/2016 Kenner, Louisiana
 Dodge#: 2015 0069 8140

Meyer Engineers, LTD - Engineer & Architect

Please consider approving for bidding purposes these alternate manufacturers' items for the specified job shown above:

Symbol:	Substituted Manufacturer:	Substituted Model Number:	Specified Manufacturer:	Specified Model Number:
WC-1 Flush Valve	Delta	81T201BTA	American Standard	6065.161
WC-2 Flush Valve	Delta	81T201	American Standard	6047.161
U-1 Flush Valve	Delta	81T231	American Standard	6045.101
LAV-1 Lav. Faucet	Delta	21C343	American Standard	8123F
S-1 Sink Faucet	Delta	28C6443	T&S Brass	B-1127
WH-1 Water Heater	American Standard	LND30T-AS	AO Smith	ENT-30

Specification sheets follow this page. If more information is needed, please call or e-mail me

Thank you for your consideration.



ADA Compliant models shipped in 2 days!

Sincerely,

Nathaniel Durant, Sr.

cc: Pivotal Engineering, Inc.

PIVOTAL ENGINEERING, LLC

- Approved Approved As Noted
 Review & Resubmit Rejected

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Reviewed by: [Signature] Date: 4/25/16

4/25/2016

Hamilton Sales Inc

11725 Industriplex Blvd Suite 5, Baton Rouge, LA 70809
Phone (225) 756-9876 / Fax (225) 756-2887

April 22, 2016

Attn: Project Engineer
Pivotal Engineering, LLC
1515 Poydras Street, Ste 1875
New Orleans, LA 70112
PH: (504) 799-3653 FAX: (504) 799-3654
E-Mail: bmekari@pivotaleng.com

Attn: Andy Positerry
Duplantis Design Group PC
314 E Bayou Rd
Thibodaux, LA 70301-8036
PH: 985-447-0090 Fax: 985-447-7009
E-Mail: apositerry@ddgpc.com

Project: St. John Westbank Senior Citizens Center
LA Highway 18
Edgard, LA 70049

We respectfully request your approval to quote the following products on the above-mentioned jobs as an equal to the specifications:

ET-1 Thermal Expansion Tank
Wilkins XT-18 as equal to Amtrol ST-12

WC-1 Water Closet
Zurn Z5550-10 as equal to American Standard 221AB.004 and 4192B.004
Zurn Z5955SS-EL

LAV-1 Lavatory
Zurn Z5344 as equal to American Standard 0355.012
Zurn Z81000-XL as equal to American Standard 2000.101

S-2 Hand Sink
Zurn Z5344 as equal to American Standard 0355.012
Zurn Z81000-XL as equal to American Standard 2000.101

MSB-1 Mop Sink Basin
Acorn TNC-24 as equal to Florestone Model 85 Neo Angle

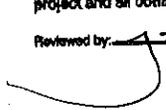
U-1 Urinal
Zurn Z5755-U as equal to American Standard 6501.511

FD Floor Drain
Zurn ZN415-B-Y as equal to Josam 3000C

PIVOTAL ENGINEERING, LLC

Approved Approved As Noted
 Revise & Resubmit Rejected

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Reviewed by:  Date: 4/22/16

PREMIER HVAC SALES

8181 West Darryl Drive · Baton Rouge, LA 70815-8031
(225) 927-6140 · Fax (225) 923-8498

APRIL 20, 2016

BID DATE: 05/03/16

ENGINEER: PIVOTAL ENGINEERING

RE: ST. JOHN WESTBANK SENIOR CITIZENS CENTER

ATTN: BASSAM MEKARI

Dear Sir,

As per plans and specifications on the above referenced project, we are submitting for your approval to allow us to quote the following list:

KITCHEN HOOD:

SPECIFIED: ACCUREX
REQUESTED: CAPTIVE AIRE

PIVOTAL ENGINEERING, LLC

Approved Approved As Noted
 Revise & Resubmit Rejected

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Reviewed by: [Signature] Date: 4/20/16

If you need any further assistance, please feel free to call me.
Sincerely,

James Davis
Sales Representative

JDD/dc,
Attachment

PREMIER

HVAC SALES

8181 West Darryl Drive · Baton Rouge, LA 70815-8031

(225) 927-6140 · Fax (225) 923-8498

APRIL 20, 2016

BID DATE: 05/03/16

ENGINEER: PIVOTAL ENGINEERING

RE: ST. JOHN WESTBANK SENIOR CITIZENS CENTER

ATTN: BASSAM MEKARI

Dear Sir,

As per plans and specifications on the above referenced project, we are submitting for your approval to allow us to quote the following list:

FANS:

SPECIFIED: GREENHECK

REQUESTED: PENNBARRY

PIVOTAL ENGINEERING, LLC

Approved Approved As Noted
 Revise & Resubmit Rejected

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Reviewed by: J. Davis Date: 4/20/16

If you need any further assistance, please feel free to call me.
Sincerely,

James Davis
Sales Representative

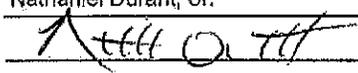
JDD/dc
Attachment

SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase — Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Nathaniel Durant, Sr.
Signed by: 
Firm: Woolf Harris, Inc.
Address: 210 General Patton Ave
Mandeville, Louisiana 70471
Telephone: 504-733-8733 ext. 6015
Attachments:

* Product specifications

A/E's REVIEW AND ACTION

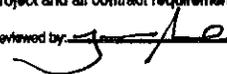
- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: _____ Date: _____

Additional Comments: Contractor Subcontractor Supplier
 Other:

PIVOTAL ENGINEERING, LLC
 Manufacturer A/E
 Approved Approved As Noted
 Revise & Resubmit Rejected

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Reviewed by:  Date: 4/20/16

SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase — Continued)

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- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Nathaniel Durant, Sr.

Signed by: *N. Durant*

Firm: Woolf Harris, Inc.

Address: 210 General Patton Ave

Mandeville, Louisiana 70471

Telephone: 504-733-8733 ext. 6015

Attachments:

* Product specifications

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: _____

Date: _____

Additional Comments:
 Other:

Contractor

Subcontractor

Supplier

Manufacturer

A/E

PIVOTAL ENGINEERING, LLC

- Approved
- Approved As Noted
- Revise & Resubmit
- Rejected

The review of this submittal is limited to the general performance with the design concept of the project and general compliance of information included in the project manual and drawings. The Contractor is responsible for the determination, verification and certification of all field measurements, field construction criteria, materials, dimensions, catalog numbers and data related to this project and all contract documents.

Reviewed by: *[Signature]*

Date: 9/20/16

SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase — Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
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Submitted by: Nathaniel Durant, Sr.

Signed by: *Nathaniel Durant, Sr.*

Firm: Woolf Harris, Inc.

Address: 210 General Patton Ave

Mandeville, Louisiana 70471

Telephone: 504-733-8733 ext. 6015

Attachments:

* Product specifications

A/E REVIEW AND ACTION

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- Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: _____

Date: _____

Additional Comments:

Other:

Contractor

Subcontractor

Supplier

Manufacturer

PIVOTAL ENGINEERING, LLC

Approved

Approved As Noted

Revise & Resubmit

Rejected

The review of this submittal is limited to the general conformance with the design concept of the project and general compliance of information included in the project manual and drawings. The Contractor is responsible for the determination, verification and certification of all field measurements, field construction criteria, materials, dimensions, catalog numbers and data related to this project and all contract requirements.

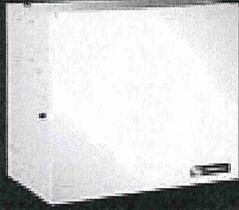
Reviewed by: *[Signature]*

Date: 9/20/16



MINI INVERTER SERIES

Interruptible Unit Equipment Standard with
Non-Audible Improved Self-Diagnostics Circuitry



FEATURES

Housing

- 14-Gauge Steel
- White semi-gloss powered-coat paint finish

Mounting

- Surface mount
- Optional recessed T-Bar (125W unit only)

Lamp Types Operated

- LED
- Incandescent
- Fluorescent
- Operating switched, normally-on or normally-off fixture types
- Incandescent, LED, fluorescent lamps and ballast combinations, including triac dimmable ballasts (consult factory if 0-10V or DALI dimming)

Load Capacity

- 125W, 250W, 400W or 720W
- Line voltage allows for remote mounting of the emergency fixtures at distances up to 1000 feet
- May accept load to it's full capacity when load feature power factor of 0.9 for 250W model and 0.8 for 125, 400 and 720W model

Electronics

- High-efficiency pure sine wave inverter at 250W capacity or higher
- Temperature compensated charger
- Replaceable output fuse protection
- Low battery voltage disconnect
- Unit comes standard with electronic lockout and brownout circuits

Controls

- Standard with a non-audible self diagnostic/charger is fully self-contained, fully automatic microcontroller- based system
- Optional audible auto diagnostic available
- Standard lighting control override for 0-10V dimming systems

Nexus® Option

- Units equipped with NEXUS® self-testing monitoring system circuitry shall selftest, in accordance with NFPA101, Life Safety Code minimum 30 seconds every 30 days, 30 minutes every six months and 90 minutes annually as well as keep a history of all testing logs, plus feature a real-time diagnoses, as well as, be able to locate exact fixture location while notifying service personnel to the status of the fixture via email notification.

Nexus® system interface with an improved minimum load lost detection of 10%

Sealed Maintenance-Free Battery

- 12V oversized Valve Regulated Lead-Calcium (VRLA) battery
- Provides 90 minutes of emergency operation

Power Requirements

- Choice of Voltage 120V in/120V out or 277V in/277V out operation, 60Hz

SPECIFICATIONS

Supply and install **Lightalarms® Mini Inverter Series**.

Emergency lighting shall be provided by inverter unit equipment designed to operate designated incandescent, fluorescent and LED fixtures on emergency power at their full nominal lumen rating during the full 90 minutes emergency discharge cycle. System output will be rated at _____ watts for 90 minutes and provide used output connections to the load. The system's voltage rating shall be _____ VAC input/output. The inverter unit shall allow for connected emergency fixture(s) to be normally on, normally off, switched or triac dimmable ballasts without affecting lamp operation during a power failure. Upon utility power loss, the inverter unit shall deliver 100% of its rated output to the emergency fixtures regardless of the local switch or dimmer position, and will provide power to emergency fixtures at distances of up to 1000 feet. The housing shall be manufactured using 14-gauge steel with a white baked-on powder coat paint finish.

The unit's electronics shall include as standard, non-audible self-diagnostics, a self-contained inverter section with a fully automatic, thermal-compensating variable-rate battery charger, AC lockout feature, low voltage battery disconnect, DC overload, short circuit and brownout protection as standard. The unit shall utilize a sealed Lead-Calcium battery with a 10-year design life.

The inverter system shall be UL 924 Listed and labeled. The unit shall be covered under a 3-year full warranty on the electronics, against defects in material or workmanship. The battery includes a 3 year full, plus a 7 year pro-rata warranty.

Unit shall be **Lightalarms®** catalog number _____ .

SPECIFICATIONS
TRANSFER TIME Less than 1 second
VOLTAGE REGULATION ON EMERGENCY: +/- 3%
FREQUENCY REGULATION ON EMERGENCY: 60 Hz +/- 1%
LOAD POWER FACTOR RANGE: • 250W model: .9 leading to .9 lagging • 125, 400 & 720W models: .8 leading to .8 lagging
OPERATING TEMPERATURE: 68° to 86°F (20° to 30°C)

Approvals

- UL924 Standard
- Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting Requirements

Warranty (subject to proper installation and maintenance)

- Unit has a 3 year full warranty (excluding lamps and fuses)
- Battery has a 3 year full, plus 7 year pro-rata warranty

All **Lightalarms®** inverter products receive 100% quality inspection before shipment to insure proper and satisfactory operation.

REPLACEMENT BATTERY

LMIU-125: 860.0024-L

LMIU-250: 2X 860.0024-L

LMIU-400: 2X 860.0043-L

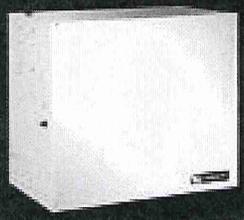
LMIU-720: 2X 860.0096-L



TYPE INV
 CATALOG # LMIU-250

 NOTES _____

Interruptible Unit Equipment
125W, 250W, 400W or 720W
Standard with Non-Audible Improved
Self-Diagnostics Circuitry &
Lighting Control Override



ELECTRICAL CHARACTERISTICS & DIMENSIONS

POWER RATING	SINE WAVE	INSTALLATION	CABINET DIMENSIONS			NO. OF BATTERY	WEIGHT	
			W"	H"	D"		120V & 277V	120V & 277V
125W	Modified	T-Bar	24"	6.5"	8"	1	43 lbs	20 lbs
125W	Modified	Wall	16.5"	12.2"	7.3"	1	41 lbs	18.5 lbs
250W	Pure	Wall	27"	12.2"	7.3"	2	76 lbs	30 lbs
400W	Pure	Wall	24"	10.5"	20"	2	128 lbs	50 lbs
720W	Pure	Wall	24"	14.5"	20"	2	185 lbs	72 lbs

NOTE: For wiring diagram, please refer to instruction sheets.

POWER CONSUMPTION AND UNIT RATING

MODEL NUMBER	AC SPECS		EMERGENCY POWER AVAILABLE FOR LOAD			
			90MIN	2H	3H	4H
LMIU-125	120 / 277VAC	1.15 / 0.50 Amps	125W	83W	62W	47W
LMIU-250	120 / 277VAC	2.28 / 0.99 Amps	250W	167W	125W	94W
LMIU-400	120 / 277VAC	3.73 / 1.62 Amps	400W	300W	200W	150W
LMIU-720	120 / 277VAC	6.90 / 2.99 Amps	720W	480W	360W	270W

ORDERING INFORMATION

SERIES	CAPACITY	VOLTAGE IN/OUT	DIAGNOSTIC FEATURE	OPTIONS
LMIU	-125= 125W -250= 250W -400= 400W -720= 720W	BLANK= 120/120VAC or 277/277VAC	Blank= Includes Improved Self-Diagnostics (non-audible) ¹ -ID= Improved Self-Diagnostics (audible) ¹ -NEX= Nexus® wired -NEXRF= Nexus® wireless	-D1= Time Delay (5 minutes) -D2= Time Delay (10 minutes) -D3= Time Delay (15 minutes) -SAC= Service alarm contact ¹ -T= Recessed T-Bar mounting (125W unit only)

¹ Minimum load required: 10% of unit capacity

¹ Service alarm contact (SAC) shall provide a 24V signal, the charger board will indicate a fault by choosing a contact. Not available with 720 capacity

EXAMPLE: LMIU-720



FX-3500 with two optional RAX-1048TZDS modules

Description

Mircom's FX-3500 is a series of powerful Intelligent Addressable Fire Alarm Control Units which include Release Control Units (RCUs). These panels are UL 864Rev 9 and ULC S527-2011 listed for fire control and releasing service.

The FX-3500 is recommended for both new and retrofit special-hazard/critical- infrastructure suppression/special agent applications. Small in enclosure size yet powerful enough to deliver complex programming requirements, the FX-3500 is fully expandable.

The FX-3500 provides up to three addressable Signal Line Circuits (UL's-SLC or ULC's-Data Communication Links- DCLs) and connects up to 954 addressable devices/points. Capable of releasing up to six discrete physical hazard zones, the FX-3500 offers exceptional value for complex installations.

Elegant configuration options by onsite laptop, or when required by the Engineer of Record, by remote PC via modem, the FX-3500 can be operational with minimal set up time.

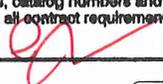
Programming versatility makes the FX-3500 Series the ideal choice for dependable fire detection, signaling and protection in industrial, commercial and institutional buildings. Typically these environments require agent-based suppression solutions easily managed by the FX-3500 Intelligent Addressable Release Control Unit.

Hardware Features

- One onboard SLC/DCL communication circuit that supports up to 318 addressable devices/ points;
- Expandable to three SLC/DCL communication circuits that supports up to 954 addressable devices/points;
- Reliable and industry proven dedicated releasing power supply;
- Six dedicated hazard zone LED indicators;
- Convenient USB Programming port;
- Built-in UDACT/DACT for remote monitoring;
- Enhanced tactile response for operator interface;
- 4 x 20 character Liquid Crystal Display (LCD);
- Easy to read numerical keypad;
- 10 Ampere (Amp.) Power Supply to satisfy typical releasing load requirements;
- Four Class A/B Notification Appliance Circuits (NAC) rated at 1.5Amp. each;
- SLC is capable of NFPA 72 Style 4, Style 6, or Style 7 wiring & ULC's DCL-A & DCL-B;
- Resettable auxiliary power supply;
- Four easy to read status queues with selector switches and LEDs for Alarm, Supervisory, Trouble and Building Safety (Formerly Monitor) Input visual indications;
- Supports up to seven remote annunciators;
- Accessible multifunction RS-232 port for:
 - Serial Communication interface
- RS-485 Interface for remote LCD/LED Annunciators and other devices;
- Optional City Tie/Polarity Reversal module for central station monitoring.

Approved Approved As Noted
 Revise & Resubmit Rejected

The review of this submittal is limited to the general conformance with the design concept of the project and general compliance of information included in the project manual and drawings. The Contractor is responsible for the determination, verification and certification of all field measurements, field construction criteria, materials, dimensions, catalog numbers and data related to this project and all contract requirements.

Reviewed by:  Date: 9/25/16



S7010



S7010



7165-1477:0165

NYC
Fire Dept.
COA #6165

CATALOG NUMBER 5690

NOT TO BE USED FOR INSTALLATION PURPOSES.

Mircom reserves the right to make changes at any time without notice in prices, colours, materials, components, equipment, specifications and models and also to discontinue models.



Transmittal

Wells Keown Associates
301 Plauche St
Harahan LA 70123
Phone: (504) 733-0301
From: Jackie Lotshaw

Project St. John Senior Citizen's Center
Quote# WK16-18171
Location Edgard LA
Contact:

ATTACHED WE ARE SENDING YOU 1 COPY OF THE FOLLOWING ITEM:

- | | | |
|-----------------------------------|--|--------|
| <input type="checkbox"/> Drawings | <input type="checkbox"/> Specifications | Other: |
| <input type="checkbox"/> Prints | <input type="checkbox"/> Information | |
| <input type="checkbox"/> Plans | <input checked="" type="checkbox"/> Submittals | |

THESE ARE TRANSMITTED FOR:

- | | | |
|--|---|---------------------------------|
| <input checked="" type="checkbox"/> Prior Approval | <input type="checkbox"/> Resubmittal for Approval | <input type="checkbox"/> Record |
| <input type="checkbox"/> Approval | <input type="checkbox"/> Corrections | Bids due on: |
| <input type="checkbox"/> Approval as Submitted | <input type="checkbox"/> Your Use | Other: |
| <input type="checkbox"/> Approval as Noted | <input type="checkbox"/> Review and Comment | |

Type	MFG	Part
F1	Metalux	2GC-332A125-UNV-EB81-U ✓
F2	Metalux	2GC-332A125-UNV-EB82-U ✓
F3	Metalux	SSF-232-UNV-EB82-U ✓
F4	Lumark	MPWP-GL-150-120V-PE-LL ✓
F4-ALT	Trace-Lite	TL106-PSMH-150-120-PC1 ✓
F5	Original Cast Lighting	IN1-010A-18-GW-[FINISH]-1BX27-120 ✓
	Item Note: Specify finish.	
F5-ALT	Eclipse Lighting	AT-L-DTT/1/26W-3500K-120-BZ ✓
EX	EXITRONIX	VEX-U-BP-WB-WH ✓
EM	EXITRONIX	LL90 ✓
F6	Halo	SLD612930WH ✓
INV	Iota Engineering	IIS-350-U ✓

PIVOTAL ENGINEERING, LLC

- | | |
|--|---|
| <input checked="" type="checkbox"/> Approved | <input checked="" type="checkbox"/> Approved As Noted |
| <input type="checkbox"/> Revise & Resubmit | <input type="checkbox"/> Rejected |

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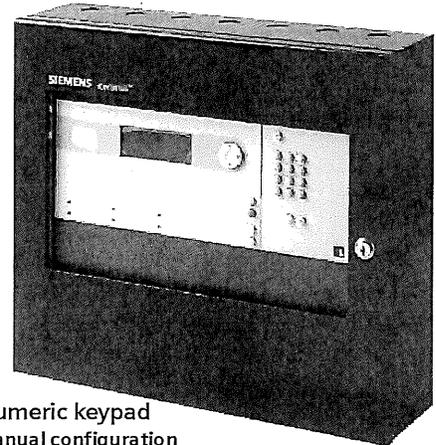
Reviewed by: JK Date: 4/25/16

Cerberus PRO Fire Safety

50-Point Addressable Fire Alarm Control Panel Model FC901

ARCHITECT AND ENGINEER SPECIFICATIONS

- An addressable fire alarm control panel (FACP) comprised of the following three (3) system components:
 - Main board (Model FCM901-U3)
 - 170-Watt power supply (Model FP2011-U1)
 - System enclosure (Model FH901-U3 / R3)
- System features:
 - Supports 50 addressable devices on one (1) 'Class A', or one (1) – two (2) 'Class B' circuits
 - Includes one (1) 'Class A', or two (2) 'Class B' notification appliance circuits (NACs)
 - Built-in digital alarm communication transmitter (DACT)
 - Built-in RS-485 connection for remote annunciators
 - Resettable and non-resettable 24VDC auxiliary power
 - Optional connectivity to a leased-line / city-tie module
 - Off-normal warning message prior to reset
 - Fast and easy set-up with custom-configuration tool



- Alphanumeric keypad
 - for manual configuration
- UL 864 9th Edition Listed; FM, CSFM & NYC Fire Department Approved

Product Overview

Model FC901 is an addressable FACP that provides a cost-effective solution for simple fire-alarm system applications.

Small and compact in design, Model FC901 is ideal for small fire-protection applications using less than 50 addressable devices:

- retail outlets / strip malls
- doctors' offices
- dry cleaner shops
- restaurants, etc.

With its built-in DACT and two (2) NACs, Model FC901 is powerful enough to economically meet the needs of these applications. Each 50-point FACP is FM (#3010); FDNY (#6104) and CSFM (#7165-0067:0259) Approved.

Specifications

The Model FC901 FACP consists of a main board (Model FCM901-U3); a 170-Watt power supply (Model FP2011-U1), and a Model FH901-U3 / R3 system enclosure. The programming software for Model FC901 is held in flash electrically erasable programmable read-only memory (EEPROM).

Main Board

The Model FCM901-U3 main board provides system display and control, as well as connections for system field wiring, via removable terminal blocks.

The 3.5-inch (8.9 centimeters) by 1.5" (3.8 centimeters) liquid-crystal display (LCD) screen shows all system messages and event status. Each event may have a custom message up to 28 characters that describes the event's location.

The backlit LCD screen illuminates on any system event or manual key press. New, 'unacknowledged' events are indicated by a flashing exclamation point ('!'). Once 'acknowledged,' the exclamation point changes to a check mark ('✓'). A system-status line shows the quantity of events presently active.

The main board supports system-status light-emitting diodes (LEDs), based upon the following conditions of Model FC901:

- Power
- Alarm
- Trouble
- Supervisory
- Ground Fault

Cerberus™ PRO
Fire Safety & Security Products

PIVOTAL ENGINEERING, LLC

9813

FACP for simple-size buildings

- Approved Approved As Noted
 Review & Resubmit Rejected

Answers for infrastructure

SIEMENS

The review of this submittal is limited to the general conformance with the design concept of the project and general compliance of information included in the project manual and drawings. The Contractor is responsible for the determination, verification and certification of all field measurements, field construction criteria, materials, dimensions, catalog numbers and data related to this project and all contract requirements.

Reviewed by: *[Signature]* Date: 4/26/16