



PORT OF MOBILE

ALABAMA PORT AUTHORITY

Requisition and Proposal

Project Name ITC Generator Electrical Procurement

Project # 11210 **Task #** 4

To: Prospective Bidders

Date: May 2024

Delivery of Proposal: Alabama State Port Authority (ASPA) Locations identified below in Bid Procedure	Delivery of Work: Alabama State Port Authority, Main Docks 1400 State Docks Boulevard, Mobile, AL 36603
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Description of Work

This Requisition solicits proposals for procuring and delivering new electrical equipment in accordance with the attached contract requirements and equipment technical specifications. The delivery location is within the Alabama State Port Authority (ASPA) Main Docks facility in Mobile, Alabama. All work shall be in accordance with the requirements stated herein, Insurance Requirements and applicable State of Alabama and Federal Laws.

The work consists principally of the supply and delivery of electrical equipment to the ASPA Main Docks facility in Mobile, AL. The precise delivery location within the Main Docks facility is to be coordinated with the ASPA Project Manager. All materials, labor, tools, rigging, and equipment necessary to deliver and unload the equipment shall be included by the bidder in the proposal. All areas of the ASPA Main Docks are restricted access facilities and require valid Port Access Credentials for entry.

All bidders submitting bids are to carefully examine the attached technical specifications and contract requirements prior to submission of a bid proposal. Each Bidder shall satisfy oneself as to the character, quality, and quantities of work to be performed, and as to the requirements of the proposed contract. The submission of a proposal shall be proof that the bidder has made such examination and is satisfied as to the conditions to be encountered in performing the work and as to the requirements of the proposed Contract. The bidder shall not be entitled to any additional compensation for any work or expense resulting from the neglect of verifying all stipulated contract requirements.

Per the contract requirements, the bidder is required to submit a delivery schedule with the bid. All items listed in the contract requirements as detailed in the attached technical specifications shall be completely delivered to the project site and staged by the supplier in an area to be determined by the Owner. The successful bidder will be required to complete the delivery under the contract per the dates outlined in their submitted delivery schedule. Failure to deliver within the specified time period will initiate liquidated damages in the amount of \$150.00 per calendar day, exclusive of Sundays and National holidays.

The successful bidder will be required to furnish a Performance Bond and Certificate of Insurance in an acceptable form. Performance Bond shall be in an amount equal to 100% of the contract price; Certificate of Insurance shall be as per the attached requirements and countersigned by a licensed resident agent in the State of Alabama.

The bidder shall comply with all Federal and State laws, local ordinances and regulations, and all orders and decrees of bodies or tribunals having any jurisdiction or authority, which in any manner affect those



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engaged or employed on the work, or which in any way affect the conduct of the work.
The Alabama State Port Authority will utilize its sales tax exemption status on this supply project.

Partial payments may be made to the extent of the delivered cost of materials to be incorporated in the work, provided that such materials meet the requirements of the Contract and specifications, and are delivered to a site on the OWNER's property that is acceptable to the OWNER. Such delivered costs of stored or stockpiled materials may be included in the next partial payment after the following conditions are met:

- (a) The material has been stored or stockpiled in a manner acceptable to the Engineer at or on an approved site.
- (b) The Contractor has furnished the Engineer with acceptable evidence of the quantity and quality of such stored or stockpiled materials.
- (c) The Contractor has furnished the Engineer with satisfactory evidence that the material and transportation costs have been paid.
- (d) The Contractor has furnished the OWNER legal title (free of liens or encumbrances of any kind) to the material so stored or stockpiled.

It is understood and agreed that the OWNER's payment for such stored materials shall in no way relieve the Contractor of his responsibility for furnishing and placing such materials in accordance with the requirements of the Contract.

The delivery and unloading work will have to be scheduled and performed in a manner that will not interfere with the operations of the facility ongoing in the immediate and adjacent areas.

Subsequent to the final acceptance of this project by the Engineer, the following requirements must be satisfied by the Contractor before final payment can be made:

- (a) The Contractor must execute copies of CONTRACTOR'S AFFIDAVIT OF PAYMENT OF CLAIMS AND DEBTS on the form furnished by the Engineer.
- (b) The Contractor must have his surety execute copies of CONSENT OF SURETY TO FINAL PAYMENT on the form furnished by the Engineer.
- (c) The Contractor must furnish a letter on his letterhead acknowledging that acceptance of final payment by the Contractor constitutes a waiver of all claims, present or future, in connection with this project.
- (d) The Contractor must furnish a written guarantee on his letterhead covering all defects in material and workmanship for a period of one (1) year commencing on the date of final acceptance.
- (e) If any purchased items have been incorporated in the work, the Contractor must furnish a letter on his letterhead assigning those warranties to the OWNER. Copies of said warranties shall be bound in one binder and submitted along with the letter assignment.

IMPORTANT NOTICE TO BIDDERS REGARDING EMPLOYMENT PRACTICES:

Effective October 1, 2011, the Beason-Hammon Alabama Taxpayer and Citizen Protection Act ("the Act") requires that any business entity contracting with or providing any grant or incentives to the state, including the Alabama State Port Authority, certify compliance with the Act. All Bidders must certify



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such compliance by executing the enclosed "Certificate of Compliance" and returning it to the Alabama State Port Authority with your bid package. In addition, the bidding company shall submit with their bid evidence that the company is enrolled in the E-Verify system. The following E-Verify website link is provided for convenience: <https://www.e-verify.gov/>

IMPORTANT NOTICE TO BIDDERS REGARDING ACCESS TO ASPA RESTRICTED FACILITIES:

All individuals doing any work on this project, including operators, supervisors, maintenance personnel, truck drivers, etc. must have a valid Transportation Worker Identification Credential (TWIC) card, ASPA badge and an ASPA vehicle decal with no exceptions. Information regarding ASPA's access policy is provided on the ASPA website at the link: <https://www.alports.com/port-access/>



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Contractor's Proposal – Schedule of Prices		
The Contractor hereby agrees to provide specified materials and perform the specified work for the prices outlined in the following schedule. All items listed shall be performed in accordance with this requisition and proposal and all referenced documents.		
Description	Quantity	Price
1. Project Bonds, Insurance, Port Access Credentials	Lump Sum	\$
2. NEMA 3R Automatic Transfer Switch, Service Entrance Rated, 1200A (ASCO H-07ATS-0-3-1200-N-50-F, or approved equal)	1 EA	\$
3. NEMA 3R Utility Transformer, Liquid-Filled, 3-Phase, 750kVA 160-480Y/277V (GE: Type ONAN liquid-filled three phase pad-mounted transformer 750kVA 4160-480Y/277V, or approved equal)	1 EA	\$
4. NEMA 3R Medium Voltage Switch Cabinet, 600A Main Bus 5kV Max (SQUARE D: Type HVLcc 600A main bus 5kV max. metal enclosed switchgear, or approved equal)	1 EA	\$
5. NEMA 3R 1200A 480Y/277V 3-Phase Main Switchboard, "MSB" (SQUARE D: Standard QED-2 1200A 480Y/277V 3-phase switchboard, or approved equal)	1 EA	\$
6. NEMA 3R 60A 120/208V 1-Phase Panel, "2PP"	1 EA	\$
7. NEMA 3R 100A 480Y/277V 3-Phase Panel, "SL-1P"	1 EA	\$
8. Delivery to Alabama State Port Authority, Main Docks 1400 State Docks Blvd, Mobile, AL 36603	Lump Sum	\$
TOTAL BID		\$



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Bid Procedure:

1. Sealed bid proposals must be received via courier to the Alabama State Port Authority, 1400 Alabama State Docks Blvd, Suite 216, Administration Building, Mobile, AL 36602 no later than one hour prior to the Bid Opening. Sealed bid proposals can also be hand delivered starting 15 minutes prior to the official public bid opening at 2:00 pm on Thursday, May 30, 2024 at the Alabama State Port Authority in the International Trade Center building, 250 North Water Street, 1st floor—Killian Room, Mobile, AL. No bids will be accepted after 2:00 pm. No faxed or electronic bids will be accepted. Conditional bids will not be accepted.
2. Bid proposals must be submitted in sealed envelopes with the words **“Bid Document Enclosed”** clearly marked on the outside of the envelope. Sealed bids shall have **the bidder’s name, project name, and time and date of bid opening shown on the outside of the envelope.**
3. A Bid Bond or Certified Check made payable to the Alabama State Port Authority and equal to five percent (5%) of the amount bid, not to exceed \$10,000, must accompany the Bid Proposal.
4. The Port Authority reserves the right to refuse to issue a proposal form or a contract to a prospective bidder for any of the following reasons:
 - a) Failure to pay, or satisfactorily settle, all bills due for labor and materials on former contract in force with the Port Authority.
 - b) Contractor default under previous Contract with the Port Authority.
 - c) Proposal withdrawal or Bid Bond forfeiture on previous project with the Port Authority.
 - d) Unsatisfactory work on previous contract with the Port Authority.
 - e) Lack of competency, past experience, adequate machinery or lack of personnel.
5. Port Authority may make such investigations as deemed necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish all such information and data for this purpose as the Port Authority may request. The Port Authority reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the Port Authority that such bidder is properly qualified to carry out the obligations of the Contract.
6. The Owner may terminate the contract, or any portion thereof, for just cause by written notice to the Contractor. If the contract, or any portion thereof, is terminated before completion of all items of work in the contract, payment will be made for the actual number of units or items of work completed or started. No claims for loss of anticipated profits will be considered.
7. If the Contractor to whom this contract is awarded does not provide adequate service or workmanship, the Port Authority reserves the right to cancel the contract and re-bid this work excluding that Contractor from consideration.
8. Any questions regarding the procurement should be directed to Brandon Taylor, Project Manager, at (251) 441-7243 or email brandon.taylor@alports.com. Replies will be issued by Addenda, all addenda so issued shall become part of the Contract Documents. Only questions answered by formal written Addenda will be binding. The deadline to submit questions is 7 calendar days prior to bid opening.
9. The right is reserved, as the interest of the Alabama State Port Authority may require, to reject any and all bids and to waive informalities in bids received.
10. The cost of all items ancillary to the project shall be absorbed into the cost of the bid items. No separate payment shall be made for these items.



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SIGNATURES

Receipt of following addendums is acknowledged:

Addendum No. _____

Addendum No. _____

Addendum No. _____

ATTACHED DOCUMENTS

Alabama State Port Authority – Indemnification and Insurance Requirements
Beason-Hammon Alabama Taxpayer and Citizen Protection Act Certificate of Compliance
Equipment Technical Specifications

Contractor's Signature: _____

Contractor Company _____

Name	Title	Date

Brandon Taylor

May 13, 2024

Brandon Taylor, PE
Project Manager

Date



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Contract Requirements

The Contractor shall adhere to the following requirements:

1. Scope of work includes procuring and delivery of the following electrical equipment as specified in the attached Equipment Technical Specifications of this Requisition. The equipment includes:
 - a. 1x NEMA 3R Automatic Transfer Switch, Service Entrance Rated, 1200A
 - b. 1x NEMA 3R Utility Transformer, Liquid-Filled, 3-Phase 750kVA 160-480Y/277V
 - c. 1x NEMA 3R Medium Voltage Switch Cabinet, 600A Main Bus 5kV Max
 - d. 1x NEMA 3R Main Switchboard "MSB", 1200A 480Y/277V 3-Phase
 - e. 1x NEMA 3R Panel "2PP", 60A 120/208V 1-Phase
 - f. 1x NEMA 3R Panel "SL-1P", 100A 480Y/277V 3-Phase
2. The equipment "a" through "d" must be capable of being mounted on a platform.
3. The Contractor is responsible for delivery, unloading, and placing of items to a location specified by the Owner at the Alabama State Port Authority Main Docks location in Mobile, AL.
4. The ASPA Main Docks is a TWIC-controlled facility. All Contractor personnel who will be on-site, including all delivery drivers, must have a TWIC or make arrangements with a TWIC escort company.
5. The Contractor is to submit a delivery schedule for all equipment.
6. The Contractor is to submit product data for approval of all equipment prior to purchasing.
7. Owner reserves the right to award all, some or none of the line items bid.

SECTION 40

INDEMNIFICATION AND INSURANCE REQUIREMENTS

40-01 INDEMNIFICATION

The Contractor shall assume all liability for and shall indemnify and save harmless the State of Alabama, the Alabama State Port Authority and its officers and employees, and Engineer from all damages and liability for injury to any person or persons, and injury to or destruction of property, including the loss of use thereof, by reason of an accident or occurrence arising from operations under the Contract, whether such operations are performed by himself or by any subcontractor or by anyone directly or indirectly employed by either of them, occurring on or about the premises, or the ways and means adjacent, during the term of the Contract, or any extension thereof, and shall also assume the liability for injury and/or damages to adjacent or neighboring property by reason of work done under the Contract.

40-02 CONTRACTOR COVERAGE

The Contractor shall not commence work under the Contract until he has obtained all insurance required under the following paragraphs and until such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work on his subcontract until all similar applicable insurance required of the subcontractor has been obtained and approved. If the subcontractor does not take out insurance in his own name, then the principal Contractor shall provide such insurance protection for subcontractor and his employees by endorsement to the Contractor's policies or by taking out separate policies in the name of the subcontractor.

40-03 COMMERCIAL GENERAL LIABILITY – *Required for this project.*

The Contractor shall take out and maintain during the life of the Contract Commercial General Liability insurance, including Blanket Contractual and Completed Operations coverage, in an amount not less than \$2,000,000 for any one occurrence for bodily injury, including death, and property damage liability. Policy shall include endorsement identifying the Owner and Engineer as Primary and Non-contributory Additional Insureds as respects the Contractor's work for the Owner, to the extent required by written Contract, including a waiver of all rights of subrogation.

40-04 BUSINESS AUTOMOBILE LIABILITY – *Required for this project.*

The Contractor shall take out and maintain during the life of the Contract Business Automobile Liability insurance covering owned, non-owned and hired vehicles in an amount not less than \$1,000,000 for any one occurrence for bodily injury, including death, and property damage liability. The Owner and Engineer shall be identified as Additional Insureds, to the extent required by written Contract.

40-06 WORKERS COMPENSATION – *AL WC/EL required for this project.*

The Contractor shall take out and maintain during the life of the Contract Workers Compensation and Employers Liability insurance providing coverage under the Alabama Workers Compensation Act in an amount not less than that required by Alabama Law.

TSV Brandon Taylor
Re: ITC Generator Electrical Equipment Procurement
Project 11210.4
KM 5-10-24

Where applicable, Contractor shall take out and maintain during the life of the Contract insurance providing coverage as required by Federal statute, including but not limited to U.S. Longshoremen and Harbor Workers Act (USL&H), Jones Act, and Railroad Federal Employers Liability Act (FELA).

40-07 PROOF OF CARRIAGE OF INSURANCE

The Contractor shall furnish to the Owner, in triplicate, Certificates of Insurance, signed by the licensed agent, evidencing the required coverage, along with letter of transmittal giving date of delivery. A copy of this letter shall also be delivered to the Engineer. The Owner reserves the right to require certified copies of any and all policies.

All coverage and bonds shall be provided by companies acceptable to the Owner. Each policy of insurance shall provide, either in body of the policy or by endorsement, that such policy cannot be substantially altered or cancelled without thirty (30) days' written notice to the Owner and insured.

(rev. 1/26/06)

State of _____

County of _____

CERTIFICATE OF COMPLIANCE WITH THE BEASON-HAMMON ALABAMA TAXPAYER AND CITIZEN PROTECTION ACT (ACT 2011-535, as amended by Act 2012-491)

DATE: _____

RE Contract/Grant/Incentive (describe by number or subject):

_____ by and between
_____ (Contractor/Grantee) and
_____ (State Agency, Department or Public Entity)

The undersigned hereby certifies to the State of Alabama as follows:

1. The undersigned holds the position of _____ with the Contractor/Grantee named above, and is authorized to provide representations set out in this Certificate as the official and binding act of that entity, and has knowledge of the provisions of THE BEASON-HAMMON ALABAMA TAXPAYER AND CITIZEN PROTECTION ACT (ACT 2011-535 of the Alabama Legislature, as amended by Act 2012-491) which is described herein as "the Act".
2. Using the following definitions from Section 3 of the Act, select and initial either (a) or (b), below, to describe the Contractor/Grantee's business structure.

BUSINESS ENTITY. Any person or group of persons employing one or more persons performing or engaging in any activity, enterprise, profession, or occupation for gain, benefit, advantage, or livelihood, whether for profit or not for profit. "Business entity" shall include, but not be limited to the following:

a. Self-employed individuals, business entities filing articles of incorporation, partnerships, limited partnerships, limited liability companies, foreign corporations, foreign limited partnerships, foreign limited liability companies authorized to transact business in this state, business trusts, and any business entity that registers with the Secretary of State.

b. Any business entity that possesses a business license, permit, certificate, approval, registration, charter, or similar form of authorization issued by the state, any business entity that is exempt by law from obtaining such a business license and any business entity that is operating unlawfully without a business license.

EMPLOYER. Any person, firm, corporation, partnership, joint stock association, agent, manager, representative, foreman, or other person having control or custody of any employment, place of employment, or of any employee, including any person or entity employing any person for hire within the State of Alabama, including a public employer. This term shall not include the occupant of a household contracting with another person to perform casual domestic labor within the household.

____ (a) The Contractor/Grantee is a business entity or employer as those terms are defined in Section 3 of the Act.

____ (b) The Contractor/Grantee is not a business entity or employer as those terms are defined in Section 3 of the Act.

3. As of the date of this Certificate, Contractor/Grantee does not knowingly employ an unauthorized alien within the State of Alabama and hereafter it will not knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama;
4. Contractor/Grantee is enrolled in E-Verify unless it is not eligible to enroll because of the rules of that program or other factors beyond its control.

Certified this _____ day of _____ 20 _____

Name of Contractor/Grantee/Recipient

By: _____

Its _____

The above Certification was signed in my presence by the person whose name appears above, on

this _____ day of _____ 20 _____.

WITNESS: _____

Printed Name of Witness

Equipment Technical Specifications

Designation : Transformer

Product Details :

1 - CLASS 7230 PADMOUNT TRANSFORMER-SQUARE D 7230 PAD-MOUNTED

TRANSFORMER -----

LIQUID FILLED: MINERAL OIL

INSTALLED ON A MEZZANINE

750 kva rated

PRIMARY VOLT: 4160 DELTA

60 KV BIL

SECONDARY VOLT: 480GY/277

30 KV BIL

STANDARD 60 HERTZ

IMPEDANCE: 5.75%

+/- 7.5% TOLERANCE

CONDUCTOR: ALUMINUM WINDINGS

TEMP: 120 DEGREES INSULATION CLASS

65 RISE OVER 30 AVG - 40 MAX AMB

TAPS: 2-2.5% FCAN, 2-2.5% FCBN

ALTITUDE: STD. 3300 FEET MAXIMUM

57 DB SOUND LEVEL

ENERGY EFFICIENT PER DOE 2016

MIN EFFICIENCY (50% LOAD) = 99.4%

MODIFICATIONS:

HIGH VOLTAGE - DEAD FRONT, RADIAL FEED

#4 TO 4/0 INCOMING CABLE

15 KV CLASS 200 AMP BUSHINGS

THREE WELLS AND THREE INSERTS

UNDER OIL SWITCH: NONE

FUSING: CARTRIDGE TYPE WEAK LINK

LOW VOLTAGE BUSHINGS: EPOXY

TIN PLATED ALUMINUM (POLYMER)

6 HOLE LV & NEUTRAL BUSHING SPADE

UL LISTED

ALUMINUM TRANSFORMER NAMEPLATE

PAINT COLOR MUNSELL #7.0GY-3.29/1.5

ACCESSORIES:

1" DRAIN VALVE W/ 3/8" SAMPLER

DIAL TYPE THERMOMETER

LIQUID LEVEL GAUGE

PRESSURE VACUUM GAUGE

STANDARD PRESSURE RELIEF VALVE

NITROGEN TEST PORT

PENTAHEAD BOLTS

Designation : Switchboard

Product Details :

1 - Square D Standard Swbd-QED-2 Switchboard

Square D Standard Swbd

Designed and Tested in accordance with:

UL 891/NATIONAL ELECTRIC CODE/NEMA PB-2

System Voltage - 480Y/277V 3Ph 4W 60Hz

System Ampacity - 1200A

Source Description - Single Main

Bussing - Aluminum Plated w/Tin and Copper

Plated w/Silver

Neutral Bus - 100%

Max Available Fault Current (RMS) - 50kA

Enclosure - Type 3R Non-Walk-in

Installed Location: Outdoor

Accessibility: Front Only

Rodent Barrier

No Horizontal Bus

Exterior Paint Color - ANSI 49

Ground Lug provided for each device

Strip Heaters - Internal Power Source with

Thermostat

Strip Heaters - Internal Power Source with

Humidistat

Bottom Closure Plates

Aluminum Ground Bus

Incoming Requirements

Suitable for Use As Service Entrance

Entry Point: Left of Lineup Through the Bottom

Connection Type: Cable

Mains

1 - 1200AS/1200AT 480V 80% Rated 65 kA 3 Pole

UL, Fixed Mounted Electronic Trip

Circuit Breaker: Type RK

Ammeter Trip Unit, Long Time, Short Time,

Instantaneous, Ground Fault

Maintenance Mode Switch

Feeders

1 - 800AT 480V 80% Rated 65 kA 3 Pole UL,

Group Mounted Basic Electronic Trip

Circuit Breaker: Type MJ

1 - 110AT 480V 80% Rated 65 kA 3 Pole UL,

Group Mounted Thermal Magnetic Circuit

Breaker: Type BJ

1 - 60AT 480V 80% Rated 65 kA 3 Pole UL,

Group Mounted Thermal Magnetic Circuit

Breaker: Type BJ

1 - 40AT 480V 80% Rated 65 kA 2 Pole UL,
Group Mounted Thermal Magnetic Circuit

Breaker: Type BJ

1 - 20AT 480V 80% Rated 65 kA 3 Pole UL,
Group Mounted Thermal Magnetic Circuit

Breaker: Type BJ

1 - 20AT 480V 80% Rated 65 kA 2 Pole UL,
Group Mounted Thermal Magnetic Circuit

Breaker: Type BJ

1 - 40AT 480V 80% Rated 65 kA 1 Pole UL,
Group Mounted Thermal Magnetic Circuit

Breaker: Type BJ

1 - 20AT 480V 80% Rated 65 kA 1 Pole UL,
Group Mounted Thermal Magnetic Circuit

Breaker: Type BJ

Designation : Primary Switch

Product Details :

1 - Metal Enclosed Switchgear-METAL ENCLOSED SWITCHGEAR > 1000 VOLTS

GENERAL PRODUCT INFORMATION

THIS METAL-ENCLOSED SWITCHGEAR SHALL BE
DEPICTED IN THE ATTACHED DRAWINGS AND SHALL

INCLUDE THE FOLLOWING:

PRODUCT TYPE: HVLcc

2 SECTION LINE-UP

Enclosure Type: Type 3R, Category A

SWITCHGEAR RATINGS:

NOMINAL SYSTEM VOLTAGE: 4160V

SWITCHGEAR MAXIMUM VOLTAGE RATING: 5kV

MAIN BUS: 600A TIN-PLATED COPPER

GROUND BUS: BARE COPPER

BIL : 60 KV

SWITCHGEAR MAXIMUM AVAIL FAULT CURRENT: 25kA

HVLcc does not support relay protection for
fault currents

SPECIFIC APPLICATION INFORMATION

SYSTEM GROUNDING: 3 Wire 3 Phase Wye

Solidly Grounded

FREQUENCY: 60Hz

MAX AVAILABLE SHORT CKT CURRENT: 25kA (RMS)

FRONT AND REAR ACCESS

REAR ACCESS IS REQUIRED FOR THIS EQUIPMENT!

AMBIENT AIR TEMP: > -30C, <40 DEG C

STANDARD & OPTIONAL ITEMS COMMON TO LINEUP

Customer Requirements: None - Build per Q2C

EXTERIOR PAINT COLOR:

ANSI 61 LIGHT GREY

INSULATORS: EPOXY

AC CONTROL POWER PROVIDED BY:

FROM SECONDARY OF THE POWER

TRANSFORMER

TAMPERPROOF HARDWARE

APPLIES TO CATEGORY A APPLICATIONS

WHERE THE GENERAL PUBLIC MAY

HAVE ACCESS TO THE SWITCHGEAR

Space Heaters 1000W-240VAC (250W-120VAC)

PADLOCK PROVISIONS FOR UP TO 3 LOCKS

LABEL REQUIREMENTS : UL

STANDARDS: ANSI

UNDERCOATED BASE CHANNELS

4.0 IN PAINTED BASE CHANNEL

Automatic Transfer Switch:

1200A Service Entrance Rated Automatic Transfer Switch

3-Pole, 480V, 60Hz, Nema 3R Enclosure, Unswitched Neutral

Panelboard (SL-1P):

60A, Nema 3R Enclosure, 480Y/277V, 30ckt, Main Lug Only, 100% Neutral, Surface Mounted

Panelboard (2PP):

100A Main Breaker, Nema 3R Enclosure, 120/208V, 1-phase, 16ckt, 100% Neutral, Surface Mounted