

SECTION 00912 - ADDENDUM NUMBER 4

PARTICULARS

- 1.01 DATE: May 2, 2013
- 1.02 PROJECT: USC AIKEN GREENHOUSE
- 1.03 OSE PROJECT NUMBER H29-I337
- 1.04 GMK PROJECT NUMBER: 12036.01
- 1.05 OWNER: USC AIKEN
- 1.06 ARCHITECT: GMK Associates, Inc.

TO: PROSPECTIVE BIDDERS

- 2.01 This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated April 12, 2013, and Addendum Numbers 1, 2 and 3 issued May 1, 2013, May 2, 2013 and May 9, 2013 respectively, with amendments and additions noted below.
- 2.02 Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.
- 2.03 This Addendum consists of 1 page and the following attachments:
 - A. Table of Contents
 - B. SE-310 - REQUEST FOR ADVERTISEMENT
 - C. SE-330 - LUMP SUM BID BID FORM
 - D. E2.0 GREENHOUSE SCHEDULES, POWER AND LIGHTING PLANS

CLARRIFICATIONS

- 3.01 The equipment listed in the specification for both heating and cooling the greenhouses is the minimum requirement. The bidders will be required to meet the design temperature requirements as they are specified. If additional equipment or systems are required to meet the design temperatures, it is responsibility of the bidders to provide for those systems in their bid.
- 3.02 The greenhouse kit, equipment, installation, etc. are the responsibility of the successful contractor. Any notation on the drawings indicating the owner will supply the kit are in error and should be ignored.
- 3.03 Stone base in greenhouse to be Natural Stone, Pea Gravel; washed, free of clay, shale, and organic matter.
 - A. Graded in accordance with ASTM D2487 Group Symbol GM or GC
 - B. Graded in accordance with ASTM C136, within the following limits:
 - 1. Minimum Size: 1/4-inch.
 - 2. Maximum Size: 5/8-inch.
- 3.04 Alternate #1 should include louvers in the exterior wall for air filtration through the cooling pad system.
- 3.05 RFI's and responses

- A. Q: Need to know where the power will be feeding from (dip pole or hand hole) pipe size, wire size?
1. A: The utility company will provide temporary power to a dip pole. The contractor will provide a weatherhead on the dip pole as well as conduit fed underground from the weatherhead to the meter box. Refer to electrical drawing for size of the conduit, the feeder and the location of the dip pole.
- B. Q: Does the owner want us to provide power or controls for emergency call box, are we to labor setting call box and hand hole? Will owner be supplying hand hole as well or do we need to supply it, if so what size?
1. A: The call box was deleted via previous addendum. The contractor is provide the hand hole. It shall be large enough to accommodate pulls for the new data conduit to be installed.
- C. Q: Plans don't show any incoming communications. Do we need to price any conduit coming to building?
1. A: Install one additional hand hole at the end of the conduit run as currently indicated on the drawings. Install one additional 3/4" conduit from the new hand hole location to the building interior and extend the conduit 18" a.f.f. in northwest corner of the greenhouse.
- D. Q: How many green house shutters will there be that needs power?
1. A: There are two in the end walls of each greenhouse structure.
- E. Q: How many roof vents are there?
1. A: The ridge vents are continuous along the ridge and will be determined by the greenhouse structure manufacturer to meet the temperature requirements.
- F. Q: At the prebid it was mentioned that the utility companies would be bringing water & gas to the building and that work is not in our contract. Sometimes the power company will only provide the wire to the meter from the DIP pole and not the raceway. Will the power company provide the raceway from the DIP pole to the meter for this job? If not then what size conduit is required and how long will it be?
1. A: The utility company will provide temporary power to a dip pole. The contractor will provide a weatherhead on the dip pole as well as conduit fed underground from the weatherhead to the meter box. Refer to electrical drawing for size of the conduit, the feeder and the location of the dip pole.
- G. Q: It was discussed at the prebid that the 90 day duration will not be enough for this project. I have seen two greenhouse scopes of work. One has a production time of 6-8 weeks and the other has a production time of 4-6 weeks. This does not include the 4-6 weeks for shop drawing preparation and installation time of 8-10 weeks they are showing. Can the duration be extended to at least 150 days or have the 90 day duration start after the greenhouse arrives on site?
1. A: The duration will be extended to 120 days to accommodate preparation and review of submittals.

CHANGES TO THE PROJECT MANUAL

4.01 TABLE OF CONTENTS

- A. Add "SECTION 00912 - ADDENDUM NUMBER 4 " to the listing.

4.02 SE-310 REQUEST FOR ADVERTISEMENT

- A. Bid Closing Date:
 - 1. Change to read "5/17/2013"
- B. Bid Closing Time:
 - 1. Change to read "2:00 pm"
- C. Bid Closing Location:
 - 1. Change to read "USC Facilities Office Conference Room 53."
- D. HAND DELIVERY ADRESSE:
 - 1. Change to read "Juaquana Brookins, USC Facilities Office, 843 Greene Street, Columbia, South Carolina 29208."
- E. MAIL SERVICE
 - 1. Change to read "Juaquana Brookins, USC Facilities Office, 843 Greene Street, Columbia, South Carolina 29208."

4.03 SE-330 - LUMP SUM BID BID FORM

- A. Paragraph 9 - TIME OF CONTRACT PERFORMANCE AND LIQUIDATED DAMAGES; A. CONTRAT TIME:
 - 1. Change the calendar days to read "120"

APPROVAL OF ADDITIONAL PRODUCTS/SYSTEMS

5.01 SECTION 13120 - PRE-ENGINEERED STRUCTURES

- A. Add the following manufacturers to the list of approved vendors listed in paragraph 2.01 MANUFACTURERS, A. Greenhouses: Polycarbonate Greenhouse Enclosure
 - 1. Sun-Mate by Winandy Greenhouse Company, Inc.: winandygreenhouse.com

END OF SECTION

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consultants

HAAS & HILDERBRAND, INC
Engineering * Surveying * GPS * Forestry * Land Planning
133 Greenville Street, SW
Post Office Box 3276
Aiken, South Carolina 29802
Office 803.649.1316 Fax 803.641.9197

owne



USC AIKEN
471 UNIVERSITY PARKWAY
AIKEN, SOUTH CAROLINA 29801
project name
USC AIKEN GREENHOUSE
STATE PROJECT #H29-I337

project number
12036.01

seals/signature

$$\frac{1}{4^n} = 1' - 0^n$$

GENERAL NOTES (GN):

GN1. ALL DEVICES ENTERING OR LEAVING GREENHOUSE SHALL BE UNDERGROUND

GN2. CIRCUITS, COORDINATE AND MAKE OPERABLE, COORDINATE

GN3. POWER SHALL NOT PENETRATE POLYCARBONATE PANELS. COORDINATE

GN4. POWER NOTES (PN):

PN1. CONTROLS J-B-BOX FOR GREENHOUSE. COORDINATE EACH LOCATION WITH M.F.

PN2. SHUT-OFF BOX FOR GREENHOUSE. EACH SHUT-OFF TO EACH ROOM LOCATED IN GREENHOUSE AND MAKE OPERABLE. COORDINATE

PN3. SHUT-OFF BOX FOR GREENHOUSE. EACH SHUT-OFF TO EACH MOTORIZED SHUTTER IN GREENHOUSE AND MAKE OPERABLE. COORDINATE J-B-BOX LOCATION WITH EACH MOTORIZED SHUTTER LOCATION.

PN4. E-BOX DEDICATED CIRCUIT. COORDINATE AND MAKE OPERABLE.

PN5. E-BOX DEDICATED AND INSTALLED BY GREENHOUSE MANUFACTURER. WIRED BY E.C. DEDICATED CIRCUIT.

PN6. UNIT HEATER FURNISHED AND INSTALLED BY GREENHOUSE MANUFACTURER. WIRED BY E.C. DEDICATED CIRCUIT.

PN7. EVAPORATIVE COOLING FURNISHED AND INSTALLED BY GREENHOUSE MANUFACTURER.

PN8. SCARG SHALL SIZE, FURNISH, AND INSTALL CT METER

PN9. WEATHER-5000 SHALL SIZE, FURNISH, AND INSTALL CT METER

PN10. TO DIP POLE INSTALLATION BY SCARG. DIVISION 16 TO FURNISH AND INSTALL. A 1/2" DIA. 16' AIR LEX 36" DIA. AIR UTILITY CONNECTION FEEDER TO POLE SHALL BE 3/2500 MCM, 1F4/0, NGS, 2 1/2".

$$1/4^x = 1' - 0$$

GENERAL NOTES (GN):

GN1. ALL FEEDERS ENTERING OR LEAVING GREENHOUSE SHALL BE UNDERGROUND

COORDINATE.

GN2. E.C. SHALL NOT PENETRATE POLYCARBONATE PANELS, COORDINATE.

LIGHTING NOTES (LN):

LN1. CONNECT TO THE LINE SIDE OF ANY SWITCHING.

LN2. E.C. SHALL MOUNT FIXTURE FROM GREENHOUSE STRUCTURE. COORDINATE EXACT MOUNTING HEIGHT OF CHAIN HUNG FIXTURE WITH OWNER.

LN3. MOUNT ELECTRICAL.

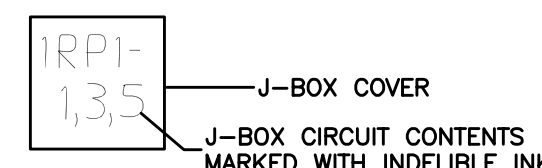
LN4. 120V/1P, 24HR HELIOS-1 4000W GROW LIGHTING CONTROLLER 0702660, EACH CONTROLLER SHALL CONTROL: (C) GROW LIGHTS OVER A WORK BENCH (H) GROW LIGHTS OVER THE BALLAST OF EACH GROW LIGHT SHALL PLUG INTO DESIGNATED GROW LIGHT CONTROLLER. SEE GROW LIGHTING CONTROLLER DETAIL. THIS SHEET SHALL BE USED TO IDENTIFY THE GROW LIGHTS TO BE CONTROLLED THROUGH EACH STUB-UPS TO GROW LIGHT CONTROLLER. COORDINATE.

LN5. GROW LIGHT REEVE BALLAST BUNK MOUNTED 74" TO 72" UNSTRUT. E.C. SHALL IDENTIFY AND DESIGNATE THE GROW LIGHTS TO BE CONNECTED TO DESIGNATED GROW LIGHT CONTROLLER. COORDINATE.

LN6. E.C. SHALL MOUNT FIXTURE 5' ABOVE WORK BENCH. LETTER SUBSCRIPTION TO FIGURE CORRESPONDS TO A GROW LIGHT CONTROLLER LOCATED IN THE COORDINATE.

LN8. REEVE DETECTOR. COORDINATE.

246, 180ND, 5/4".

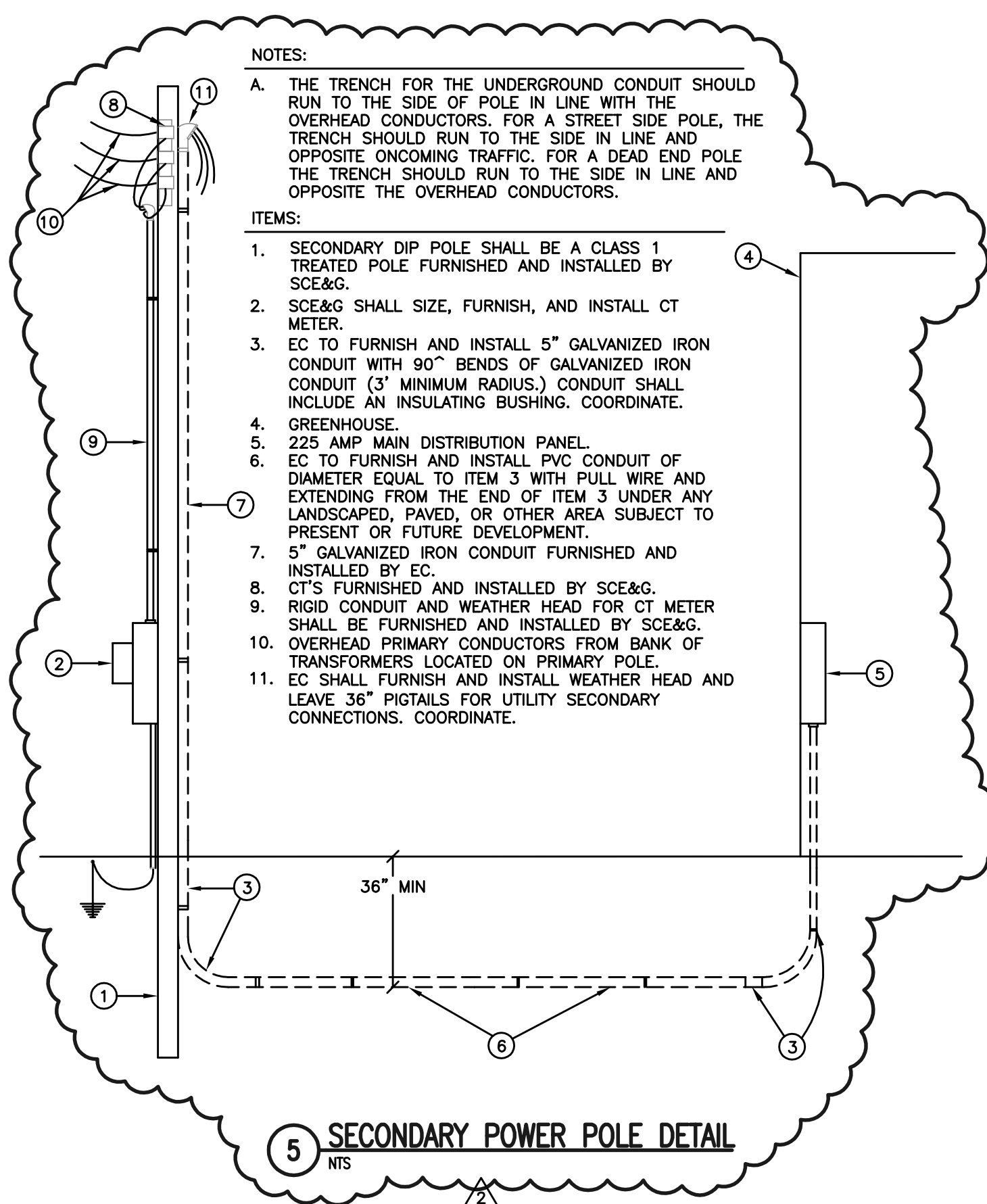


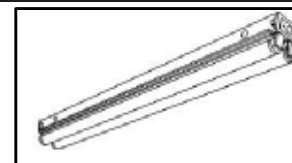





ALL EXPOSED J-BOXES, NOT INCLUDING ELECTRICAL OR MECHANICAL ROOMS, SHALL BE MARKED ON THE INSIDE COVER. ALL OTHERS SHALL BE MARKED ON THE OUTSIDE.

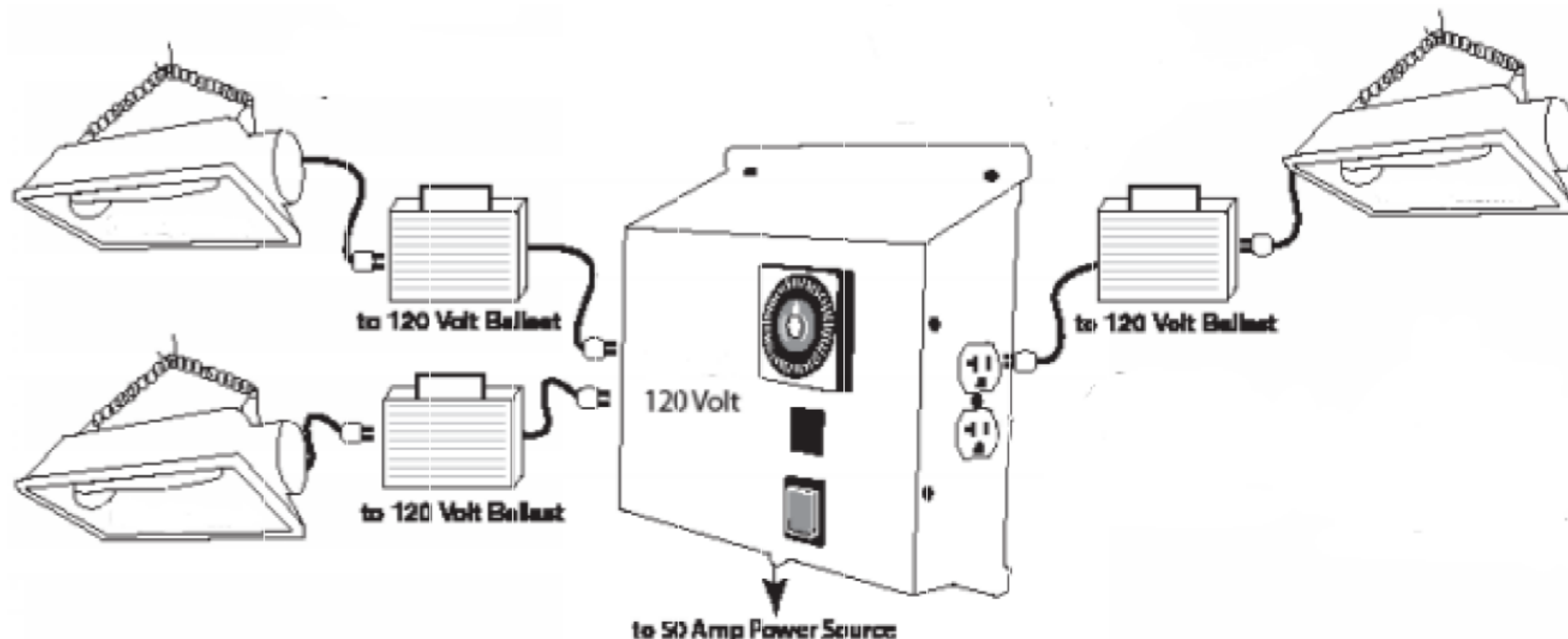
1 J-BOX COVER DETAIL

[illegible]

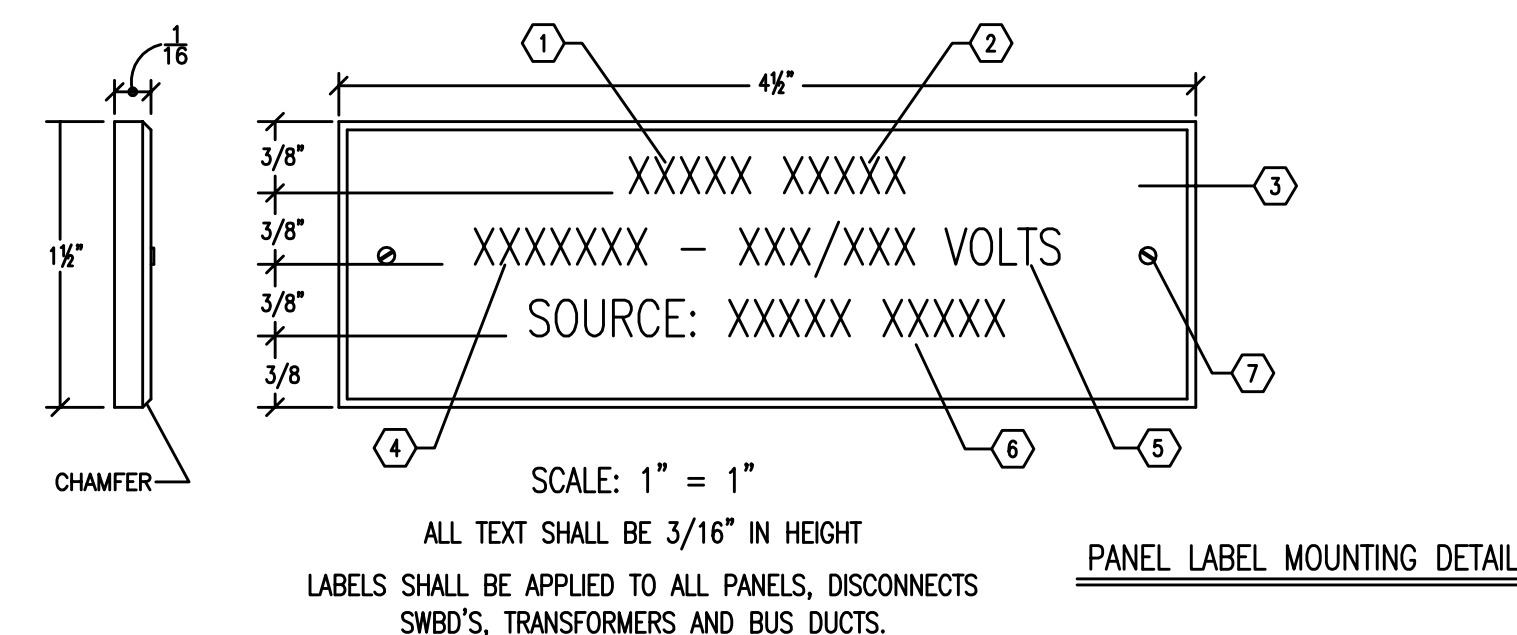
ELECTRICAL SYMBOL SCHEDULE			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	BRANCH CIRCUIT RACEWAY. RUN CONCEALED IN CEILING OR WALLS. ARROWHEAD DENOTES HOMERUN TO PANEL. CROSSSLINES DENOTE NUMBER OF PHASE AND NEUTRAL CONDUCTORS WHEN MORE THAN TWO ARE TO BE INSTALLED. TEXT DENOTES PANEL NAME AND CIRCUIT NUMBERS FOR HOMERUN. INSTALL GROUND WIRE IN ALL RACEWAYS. #12 AWG MINIMUM AND AS PER CODE.	A	AMPERE.
	BRANCH CIRCUIT RACEWAY. RUN IN AND/OR UNDER SLAB. ARROWHEAD DENOTES HOMERUN TO PANEL. CROSSSLINES DENOTE NUMBER OF PHASE AND NEUTRAL CONDUCTORS WHEN MORE THAN TWO ARE TO BE INSTALLED. TEXT DENOTES PANEL NAME AND CIRCUIT NUMBERS FOR HOMERUN. INSTALL GROUND WIRE IN ALL RACEWAYS. #12 AWG MINIMUM AND AS PER CODE.	AF	ABOVE FINISHED FLOOR.
	FLEXIBLE CONDUIT. WEATHERPROOF TYPE WHEN CONNECTED TO MOTORS. CROSSSLINES DENOTE NUMBER OF PHASE AND NEUTRAL CONDUCTORS WHEN MORE THAN TWO ARE INSTALLED. INSTALL GROUND WIRE IN ALL RACEWAYS. #12 AWG MINIMUM.	ATS	AUTOMATIC TRANSFER SWITCH BREAKER.
	MOUNT WOUNDED FIXTURE. LETTER DENOTES TYPE OF FIXTURE, SEE FIXTURE SCHEDULE. NUMBER DENOTES CIRCUIT NUMBER. COORDINATE MOUNTING HEIGHT.	CB	CIRCUIT BREAKER.
	EXIT SIGN. REFER TO FIXTURE SCHEDULE. DARKENED AREA DENOTES SIGN FACE. NUMBER DENOTES CIRCUIT NUMBER. STEM DESIGNATES WALL MOUNTING. NO STEM DENOTES CEILING MOUNTED.	CKT	CIRCUIT.
	PE CELL. WALL MOUNT 1" - 0" BELOW ROOF LINE, UNLESS OTHERWISE NOTED.	EF	ELECTRICAL CONTRACTOR, DIVISION 16.
	LIGHT SWITCH, 3-WAY, 20A, 48" AFF.	EX	EXHAUST FAN.
	ELECTRICAL CIRCUIT BREAKER PANELBOARD. SEE PANEL SCHEDULE.	FCU	FAN COIL UNIT.
	DUPLEX RECEPTACLE, 120 VOLT, 20 AMP, WALL MOUNTED, GROUND FAULT CIRCUIT INTERRUPTER, 16" AFF. THE NUMBER DENOTES CIRCUIT NUMBER. "WP" DENOTES WEATHERPROOF COVER.	GF	GROUND FAULT CIRCUIT INTERRUPTER.
	FLUSH WALL MOUNTED JUNCTION BOX, SIZED PER NEC. "WP" DENOTES NEMA 3R WEATHERPROOF. PROVIDE AND INSTALL A FLUSH COVER PLATE.	JB	JUNCTION BOX.
	DESIGNATES SURFACE MOUNTED DEVICE.	KVA	KILOVOLT AMPERES.
	CONDUIT FLOOR STUB-UP.	KW	KILOWATT.
		MAX	MAXIMUM.
		MC	MECHANICAL CONTRACTOR, DIVISION 15.
		MDP	MAIN DISTRIBUTION PANEL.
		MIN	MINIMUM.
		V	VOLT.
		VFD	VARIABLE FREQUENCY DRIVE.
		NEC	2011 NATIONAL ELECTRICAL CODE. (NFPA 70).
		SWD	SWITCHBOARD.
		TYP	TYPICAL.
		WC	WATER COOLER.
		XFMR	TRANSFORMER.



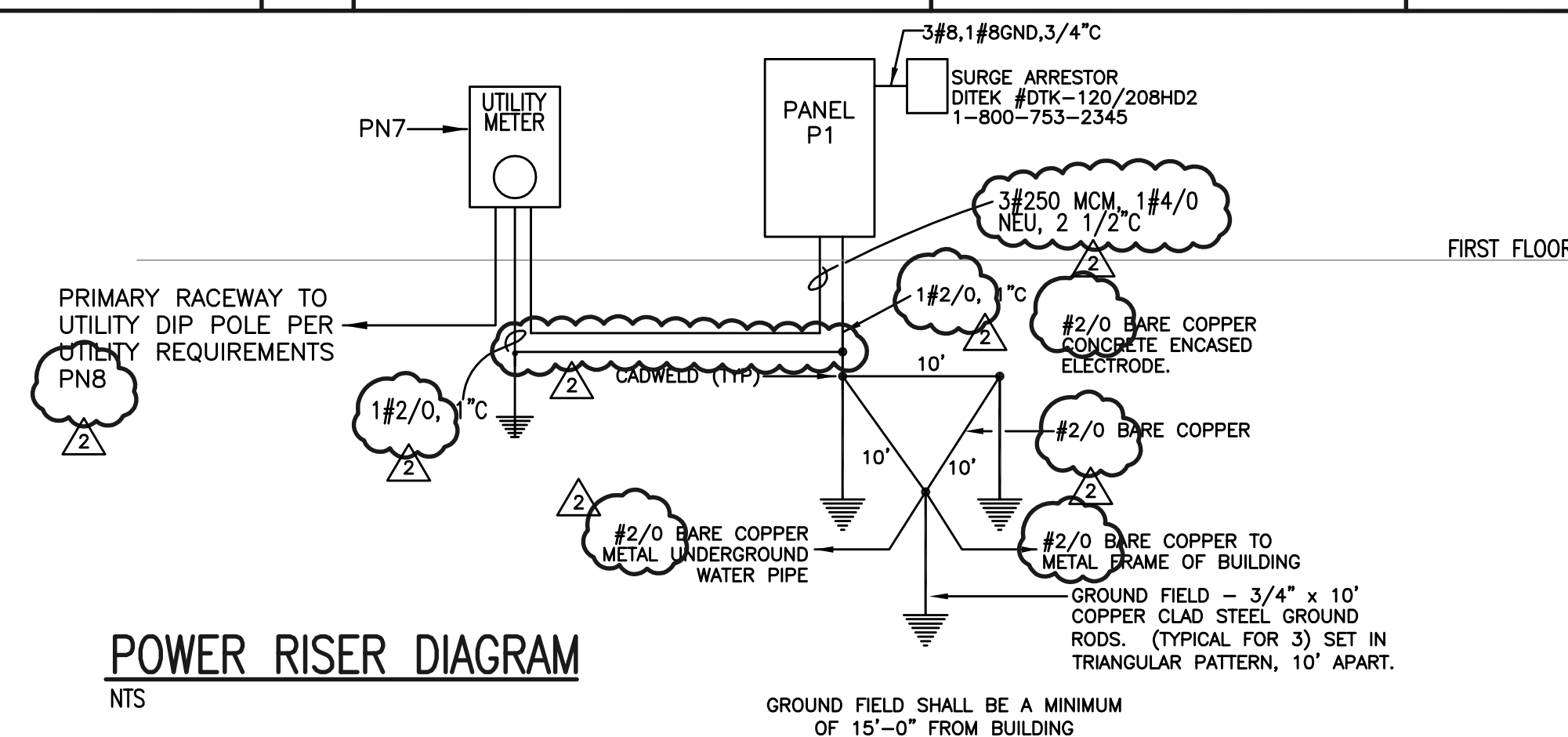
LIGHT FIXTURE SCHEDULE				
	TYPE	DESCRIPTION	CATALOG NO.	LAMPS
	C	FLUORESCENT, 4 FOOT, 2 LAMP CHAIN HUNG STRIP LIGHT. WET LABEL, 120 VOLT	COLUMBIA #LUM4-232-EU-LUINK 120 VOLT	2-F32T8/SPK41
	F	L.E.D. EXTERIOR WALL MOUNTED WALL PACK FIXTURE, 120 VOLT.	ELOCAST CWP602-LED-120-5G	1-28W LED
	G	GREENHOUSE GROW LIGHT, HIGH PRESSURE SODIUM FIXTURE WITH A 400W SUPER BULB. REMOTE BALLAST, 120 VOLT.	P.L. LIGHT SYSTEMS #47-1500 120 VOLT	400W HPS
	L	2-1.5W LED SLEEK, LOW PROFILE EMERGENCY LIGHT, 120 VOLT.	LITHONIA ELM2-SD 120 VOLT	LED
	N Y	L.E.D., WALL MOUNTED, OUTDOOR, REMOTE HEAD LIGHT, POWERED FROM INTERNAL BATTERIES, DAMP AND WET LOCATION.	LITHONIA AFN-BN-EXT #LUX-ZV	BY MANUFACTURER
	Q	WET LABEL, EXIT LIGHT, LED LAMPS, SINGLE FACED, WALL MOUNTED 6" ABOVE DOOR FRAME, RED LETTERING, SIGN HAS STEM IF WALL MOUNTED, 120 VOLT.	LITHONIA WLTE-W-1-R-SD-120	BY MANUFACTURER



GREENHOUSE LIGHTING CONTROL DETAIL



LABEL NOTES:		
①	TYPE OF EQUIPMENT WHERE X'S ARE INDICATED. POSSIBLE CHOICES ARE: "PANEL" "XFMR" "SWBD" "DISC" "BUS DUCT"	⑤ INSERT VOLTAGE WHERE X'S ARE INDICATED. POSSIBLE CHOICES ARE: "271/480" "480" "120/208"
②	EQUIPMENT NAME (EX. TRP1)	FOR TRANSFORMER LABELS – THIS SPACE SHALL INDICATE THE KVA RATING AND SHALL BE SECURED TO THE TRANSFORMER WITH (4) FOUR STANDOFF STEMS (1/8") TO PREVENT DEFORMATION OR SHALL BE HEAT TREATED TO 120°
③	COLOR: (FACE/LETTERING) (BLK/WH) – NORMAL POWER (RED/WH) – ALL EMERGENCY POWER (GRN/WH) – UPS POWER	⑥ INSERT SUPPLYING PANEL DESIGNATION WHERE X'S ARE INDICATED (EX. PANEL P109, YTR111). WHEN THIS EQUIPMENT IS SECURED DIRECTLY FROM A TRANSFORMER, THE PANEL SERVING THE TRANSFORMER SHALL ALSO BE LISTED.
④	SUPPLY SOURCE WHERE X'S ARE INDICATED. POSSIBLE CHOICES ARE: "AUTO." "NORMAL" "CRITICAL" "LIFE SAFETY" "EQUIP." "UPS" "GENERATOR"	⑦ SECURE SCREWS TO OUTSIDE PANELBOARD COVER WITH #4-40 STAINLESS STEEL COUNTERSINK SCREWS WITH MATCHING NUTS AND LOCKWASHERS. DO NOT COVER OTHER LABELS.



POWER RISER DIAGRAM

SE-310 REQUEST FOR ADVERTISEMENT

2011 Edition
Rev. 7/20/2011

PROJECT NAME: USC Aiken Greenhouse

PROJECT NUMBER: H29-I337

PROJECT LOCATION: USC Aiken, Aiken, South Carolina

Contractor may be subject to performance appraisal at close of project

BID SECURITY REQUIRED? Yes ☒ No ☐

PERFORMANCE & PAYMENT BONDS REQUIRED? Yes ☒ No ☐

CONSTRUCTION COST RANGE: \$125,000 - \$175,000

DESCRIPTION OF PROJECT: The project consists of the construction of a 2,100 square foot greenhouse using a greenhouse kit. The project also includes associated sitework, utilities, foundations, building base, electrical, plumbing, etc.

A/E NAME: GMK Associates, Inc.

A/E CONTACT: Jerome K. Simons

A/E ADDRESS: Street/PO Box: 1201 Main Street, Suite 2100

City: Columbia

State: South Carolina ZIP: 29201-

EMAIL: Jsimons@gmka.com

TELEPHONE: 803-256-0000

FAX: 803-255-7243

All questions & correspondence concerning this Invitation shall be addressed to the A/E.

BIDDING DOCUMENTS/PLANS MAY BE OBTAINED FROM: purchasing.sc.edu

PLAN DEPOSIT AMOUNT: IS DEPOSIT REFUNDABLE? Yes ☐ No ☒

Only those Bidding Documents/Plans obtained from the above listed source(s) are official. Bidders rely on copies of Bidding Documents/Plans obtained from any other source at their own risk.

BIDDING DOCUMENTS/PLANS ARE ALSO ON FILE FOR VIEWING PURPOSES ONLY AT *(list name and location for each plan room or other entity):*

purchasing.sc.edu. It is the contractor's responsibility to download any documents from the purchasing website

PRE-BID CONFERENCE? Yes ☒ No ☐ MANDATORY ATTENDANCE? Yes ☐ No ☒

DATE: 4/26/2013

TIME: 10:00 am

PLACE: USC Aiken, Supply & Maintenance Building

471 University Parkway, Aiken, South Carolina 29801

AGENCY: University of South Carolina

NAME OF AGENCY PROCUREMENT OFFICER: Juaquana Brookins

ADDRESS: Street/PO Box: 743 Greene Street

City: Columbia

State: South Carolina ZIP: 29208-

EMAIL: jbrookin@fmc.sc.edu

TELEPHONE: 803-777-3596

FAX: 803-777-7334

BID CLOSING DATE: 5/17/2013 TIME: 2:00 pm LOCATION: USC Facilities Office, Conference Room 53

743 Greene Street, Columbia, South Carolina 29208

BID DELIVERY ADDRESSES:

HAND-DELIVERY:

Attn: Juaquana Brookins

USC Facilities Office

743 Greene Street

Columbia, South Carolina 29208

MAIL SERVICE:

Attn: Juaquana Brookins

USC Facilities Office

743 Greene Street

Columbia, South Carolina 29208

IS PROJECT WITHIN AGENCY CONSTRUCTION CERTIFICATION? (Agency *MUST* check one) Yes ☒ No ☐

APPROVED BY (Office of State Engineer): _____

DATE: _____

SE-330 – LUMP SUM BID BID FORM

2011 Edition
Rev. 9/21/2011

Bidders shall submit bids on only Bid Form SE-330.

BID SUBMITTED BY: _____

(Bidder's Name)

BID SUBMITTED TO: University of South Carolina, Aiken

(Owner's Name)

FOR PROJECT: PROJECT NAME USC Aiken Greenhouse

PROJECT NUMBER H29-I337

OFFER

§ 1. In response to the Invitation for Construction Bids and in compliance with the Instructions to Bidders for the above-named Project, the undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with the Owner on the terms included in the Bidding Documents, and to perform all Work as specified or indicated in the Bidding Documents, for the prices and within the time frames indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

§ 2. Pursuant to Section 11-32-3030(1) of the SC Code of Laws, as amended, Bidder has submitted Bid Security as follows in the amount and form required by the Bidding Documents:

☐ Bid Bond with Power of Attorney ☐ Electronic Bid Bond ☐ Cashier's Check

(Bidder check one)

§ 3. Bidder acknowledges the receipt of the following Addenda to the Bidding Documents and has incorporated the effects of said Addenda into this Bid:

ADDENDUM No: _____

§ 4. Bidder accepts all terms and conditions of the Invitation for Bids, including, without limitation, those dealing with the disposition of Bid Security. Bidder agrees that this Bid, including all Bid Alternates, if any, may not be revoked or withdrawn after the opening of bids, and shall remain open for acceptance for a period of 60 Days following the Bid Date, or for such longer period of time that Bidder may agree to in writing upon request of the Owner.

§ 5. Bidder herewith offers to provide all labor, materials, equipment, tools of trades and labor, accessories, appliances, warranties and guarantees, and to pay all royalties, fees, permits, licenses and applicable taxes necessary to complete the following items of construction work:

§ 6.1 BASE BID WORK *(as indicated in the Bidding Documents and generally described as follows):* The project consists of the construction of a 2,100 square foot greenhouse using a greenhouse kit. The project also includes associated sitework, utilities, foundations, building base, electrical, plumbing etc.,

_____, which sum is hereafter called the Base Bid.

(Bidder - insert Base Bid Amount on line above)

SE-330 – LUMP SUM BID BID FORM

2011 Edition

Rev. 9/21/2011

§ 6.2 BID ALTERNATES - as indicated in the Bidding Documents and generally described as follows:

ALTERNATE # 1 (Brief Description): Delete the cabinet style evaporative cooling unit and add the 14' cooling pad system .

☐ ADD TO or ☐ DEDUCT FROM BASE BID: _____

(Bidder to Mark appropriate box to clearly indicate the price adjustment offered for each alternate)

ALTERNATE # 2 (Brief Description): _____

☐ ADD TO or ☐ DEDUCT FROM BASE BID: _____

(Bidder to Mark appropriate box to clearly indicate the price adjustment offered for each alternate)

ALTERNATE # 3 (Brief Description): _____

☐ ADD TO or ☐ DEDUCT FROM BASE BID: _____

(Bidder to Mark appropriate box to clearly indicate the price adjustment offered for each alternate)

SE-330 – LUMP SUM BID BID FORM

§ 7. LISTING OF PROPOSED SUBCONTRACTORS PURSUANT TO SECTION 3020(b)(i), CHAPTER 35, TITLE 11 OF THE SOUTH CAROLINA CODE OF LAWS, AS AMENDED – (See *Instructions on the following page BF-2A*)

Bidder shall use the below-listed Subcontractors in the performance of the Subcontractor Specialty work listed:

SUBCONTRACTOR SPECIALTY By License Classification and/or Subclassification (Completed by Owner)	SUBCONTRACTOR'S PRIME CONTRACTOR'S NAME (Must be completed by Bidder) BASE BID	SUBCONTRACTOR'S PRIME CONTRACTOR'S SC LICENSE NUMBER
Plumbing		
Electrical		
ALTERNATE 1		
ALTERNATE 2		
ALTERNATE 3		

If a Bid Alternate is accepted, Subcontractors listed for the Bid Alternate shall be used for the work of both the Alternate and the Base Bid work.

INSTRUCTIONS FOR SUBCONTRACTOR LISTING

1. Section 7 of the Bid Form sets forth a list of subcontractor specialties for which bidder is required to identify by name the subcontractor(s) Bidder will use to perform the work of each listed specialty. Bidder must identify only the subcontractor(s) who will perform the work and no others.
2. For purposes of subcontractor listing, a Subcontractor is an entity who will perform work or render service to the prime contractor to or about the construction site. Material suppliers, manufacturers, and fabricators that will not perform physical work at the site of the project but will only supply materials or equipment to the bidder or proposed subcontractor(s) are not subcontractors and Bidder should not insert their names in the spaces provided on the bid form. Likewise, Bidder should not insert the names of sub-subcontractors in the spaces provided on the bid form but only the names of those entities with which bidder will contract directly.
3. Bidder must only insert the names of subcontractors who are qualified to perform the work of the listed specialties as specified in the Bidding Documents and South Carolina Licensing Laws.
4. If under the terms of the Bidding Documents, Bidder is qualified to perform the work of a specialty listed and Bidder does not intend to subcontract such work but to use Bidder's own employees to perform such work, the Bidder must insert its own name in the space provided for that specialty.
5. If Bidder intends to use multiple subcontractors to perform the work of a single specialty listing, Bidder must insert the name of each subcontractor Bidder will use, preferably separating the name of each by the word **"and"**. If Bidder intends to use both his own employees to perform a part of the work of a single specialty listing and to use one or more subcontractors to perform the remaining work for that specialty listing, bidder must insert his own name and the name of each subcontractor, preferably separating the name of each with the word **"and"**.
6. Bidder may not list subcontractors in the alternative nor in a form that may be reasonably construed at the time of bid opening as a listing in the alternative. A listing that requires subsequent explanation to determine whether or not it is a listing in the alternative is non-responsive. If bidder intends to use multiple entities to perform the work for a single specialty listing, bidder must clearly set forth on the bid form such intent. Bidder may accomplish this by simply inserting the word **"and"** between the name of each entity listed for that specialty. Owner will reject as non-responsive a listing that contains the names of multiple subcontractors separated by a blank space, the word "or", a virgule (that is a /), or any separator that the Owner may reasonably interpret as a listing in the alternative.
7. If Bidder is awarded the contract, bidder must, except with the approval of the owner for good cause shown, use the listed entities to perform the work for which they are listed.
8. If bidder is awarded the contract, bidder will not be allowed to substitute another entity as subcontractor in place of a subcontractor listed in Section 7 of the Bid except for one or more of the reasons allowed by the SC Code of Laws.
9. Bidder's failure to insert a name for each listed specialty subcontractor will render the Bid non-responsive.

SE-330 – LUMP SUM BID BID FORM

§ 8. LIST OF MANUFACTURERS, MATERIAL SUPPLIERS, AND SUBCONTRACTORS OTHER THAN SUBCONTRACTORS LISTED IN SECTION 7 ABOVE (FOR INFORMATION ONLY): Pursuant to instructions in the Invitation for Bids, if any, Bidder will provide to Owner upon the Owner's request and within 24 hours of such request, a listing of manufacturers, material suppliers, and subcontractors, other than those listed in Section 7 above, that Bidder intends to use on the project. Bidder acknowledges and agrees that this list is provided for purposes of determining responsibility and not pursuant to the subcontractor listing requirements of SC Code Ann § 11-35-3020(b)(i).

§ 9. TIME OF CONTRACT PERFORMANCE AND LIQUIDATED DAMAGES

a. **CONTRACT TIME:** Bidder agrees that the Date of Commencement of the Work shall be established in a Notice to Proceed to be issued by the Owner. Bidder agrees to substantially complete the Work within 120 calendar days from the Date of Commencement, subject to adjustments as provided in the Contract Documents.

b. **LIQUIDATED DAMAGES:** Bidder further agrees that from the compensation to be paid, the Owner shall retain as Liquidated Damages the sum of \$250.00 for each calendar day the actual construction time required to achieve Substantial Completion exceeds the specified or adjusted time for Substantial Completion as provided in the Contract Documents. This sum is intended by the parties as the predetermined measure of compensation for actual damages, not as a penalty for nonperformance.

§ 10. AGREEMENTS

- a. Bidder agrees that this bid is subject to the requirements of the law of the State of South Carolina.
- b. Bidder agrees that at any time prior to the issuance of the Notice to Proceed for this Project, this Project may be canceled for the convenience of, and without cost to, the State.
- c. Bidder agrees that neither the State of South Carolina nor any of its agencies, employees or agents shall be responsible for any bid preparation costs, or any costs or charges of any type, should all bids be rejected or the Project canceled for any reason prior to the issuance of the Notice to Proceed.

§ 11. ELECTRONIC BID BOND

By signing below, the Principal is affirming that the identified electronic bid bond has been executed and that the Principal and Surety are firmly bound unto the State of South Carolina under the terms and conditions of the AIA Document A310, Bid Bond, included in the Bidding Documents.

Electronic Bid Bond Number: _____

Signature and Title: _____

**SE-330 – LUMP SUM BID
BID FORM**

2011 Edition
Rev. 9/21/2011

BIDDER'S TAXPAYER IDENTIFICATION

FEDERAL EMPLOYER'S IDENTIFICATION NUMBER: _____

OR

SOCIAL SECURITY NUMBER: _____

CONTRACTOR'S CLASSIFICATIONS AND SUBCLASSIFICATIONS WITH LIMITATIONS

Classification(s) & Limits: _____

Subclassification(s) & Limits: _____

SC Contractor's License Number(s): _____

BY SIGNING THIS BID, THE PERSON SIGNING REAFFIRMS ALL REPRESENTATIONS AND CERTIFICATIONS MADE BY BOTH THE PERSON SIGNING AND THE BIDDER, INCLUDING WITHOUT LIMITATION, THOSE APPEARING IN ARTICLE 2 OF THE INSTRUCTIONS TO BIDDER. THE INVITATION FOR BIDS, AS DEFINED IN THE INSTRUCTIONS TO BIDDERS, IS EXPRESSLY INCORPORATE BY REFERENCE.

SIGNATURE

BIDDER'S LEGAL NAME: _____

ADDRESS: _____

BY: _____
(Signature)

DATE: _____

TITLE: _____

TELEPHONE: _____

EMAIL: _____

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