

INVITATION FOR BID IFB # 15-2336CD HIGHWAY LIGHTING SYSTEM MAINTENANCE

Manatee County, a political subdivision of the State of Florida, (hereinafter "County") will receive sealed bids from individuals, corporations, partnerships, and other legal entities organized under the laws of the State of Florida or authorized to conduct business in the State of Florida.

NON-MANDATORY INFORMATION CONFERENCE -

None. All clarification requests are to be directed to the contact person listed at the bottom of this page.

DEADLINE FOR CLARIFICATION REQUESTS: 5:00 PM on November 4, 2015

Reference Bid Article A.09

BID OPENING TIME AND DATE DUE: 3:00 PM on November 13, 2015

FOR INFORMATION CONTACT:

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Manatee County Financial Management Department
Purchasing Division

AUTHORIZED FOR RELEASE: NWW

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SECTION A INFORMATION TO BIDDERS

A.01 OPENING LOCATION

Sealed bids will be <u>publicly opened</u> at the <u>Manatee County Purchasing Division</u>, <u>1112 Manatee Avenue West</u>, <u>Suite 803</u>, <u>Bradenton</u>, <u>Florida 34205</u> in the presence of County officials at the time and date stated, or soon thereafter. All bidders or their representatives are invited to attend the sealed bid opening.

Any bids received after the stated time and date will not be considered. It shall be the sole responsibility of the bidder to have their bid <u>delivered to the Manatee County Purchasing Division</u> for receipt on or before the stated time and date. Bidder shall be solely and strictly responsible for its timely delivery to the Purchasing Division. Bids delayed by mail, courier, or bids delayed for any other reason, shall not be considered, shall not be opened at the public opening, and arrangements shall be made for their return at the bidder's request and expense.

A.02 SEALED & MARKED

Bids shall be submitted in duplicate, <u>one original (marked Original) and one copy/copies (marked Copy)</u> of your <u>signed bid</u> shall be submitted in one <u>sealed package</u>, clearly marked on the outside "<u>Sealed Bid #15-2336CD- Highway Lighting Maintenance</u>" along with your company name.

For your convenience, a mailing label is provided with this Invitation for Bid or you may address the package as follows:

Manatee County Purchasing Division 1112 Manatee Avenue West, Suite 803 Bradenton, Florida 34205 Sealed Bid #15-2336CD- Highway Lighting Maintenance

All blank spaces on the bid form must be filled in as noted with amounts extended and totaled and no modifications shall be made in the wording of the forms or in the items thereupon. In the event an edit is made in your submittal, the bidder shall write its initials by the change. Any bid may be rejected which contains any omissions, alterations, irregularities of any kind, or which in any manner fail to conform to the requirements of this IFB.

A bid made by an individual, either in his/her own or proper person or under a trade or firm name, shall be executed under the individual's signature. If made by a partnership, the bid shall be executed by two or more of the general partners. If made by a corporation, the bid shall be executed by its President or other legally authorized corporate officer or agent.

A.03 BID FORMS

Bids must be submitted on the provided forms, although additional pages may be attached. Bidders must fully complete all pages of the Bid Forms. Bid Forms must be executed by an authorized signatory who has the legal authority to make the bid and bind the company. Bidders must fully comply with all requirements of this IFB in its entirety. Failure to comply shall result in bidder being deemed nonresponsive.

A.04 MATHEMATICAL ERRORS

Bid Forms without imbedded mathematical formulas:

In the event of multiplication/extension error(s), the unit price shall prevail. In the event of addition error(s) the extension totals will prevail. In the event the dollar amount for contract contingency is omitted, it will be added to the total price of the bid.

Bid Forms with imbedded mathematical formulas:

Interactive Bid Forms that contain mathematical formulas may be used for automating lengthy and complex bid forms. In the event these forms are used and a multiplication/extension error(s) is discovered, the unit price entered by the vendor shall prevail. The vendor shall assume the responsibility and accuracy of the information input in the bid form and therefore shall verify that the calculations are correct before submitting their bid.

Regardless of which type of bid form is used, all bids shall be reviewed mathematically and corrected by the Purchasing Division, if necessary, using these standards, prior to additional evaluation.

A.05 SECURING BID DOCUMENTS

IFB's and all documents issued pursuant to the IFB are available for download at no charge at mymanatee.org by clicking on "Bids and Proposals" on the left side of the home page. You may view and print these pdf files using Adobe Reader software.

Manatee County may also use DemandStar to distribute bids. Visit the DemandStar website at www.Demandstar.com for more information regarding this service. Participation in the DemandStar system is not a requirement for doing business with Manatee County.

Complete copies of the IFB and all related documents are available for public inspection at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205, or by calling (941) 749-3014. Appointments are encouraged. Documents are available between the hours of 9:00 AM and 4:00 PM Monday through Friday, with the exception of holidays.

In addition, Manatee County informs the Manatee Chamber of Commerce of all active solicitations who then distributes the information to their members.

A.06 EXAMINATION OF BID DOCUMENTS AND SITE(S)

It is the responsibility of each bidder before submitting a bid to (a) examine all IFB documents thoroughly; (b) consider federal, state, and local codes, laws, and regulations which may affect costs, progress, performance, or furnishing of the work; (c) study and carefully correlate bidder's observations with the IFB documents; and (d) notify the County of all conflicts, errors, or discrepancies in the IFB documents prior to the deadline for clarification requests.

A.07 NON-EXCLUSIVE

Unless otherwise stated in this bid specification, any contracts resulting from this bid are nonexclusive. The County reserves the right, in its sole opinion, to purchase items listed in this bid through the State of Florida contracts, cooperatives, other current government contracts, and nonprofit contracts as provided in the Manatee County Purchasing Policy. The County reserves the rights to solicit separate bids for requirements that are a portion of a larger contract bid as a whole. Additionally at the County's sole option, additional contracts may be entered into as a result of such situations as unusual volumes, time/delivery requirements, special requirements, other brands, lease, project specific requirements, or similar situations.

A.08 MODIFICATION OF BID DOCUMENTS

If a bidder wishes to recommend changes to any portion of the IFB documents, the bidder shall furnish, in writing, data and information necessary to aid County in evaluating the request to modify the IFB documents. County is not obligated to make any changes to the IFB documents. Unless an addendum is issued, the IFB documents shall remain unaltered.

A.09 CLARIFICATION REQUESTS & ADDENDA

Each bidder shall examine all IFB documents and shall judge all matters relating to their adequacy and accuracy. Any inquiries, suggestions or requests concerning interpretation, clarification or additional information pertaining to this IFB shall be made through the Manatee County Purchasing Division. County shall not be responsible for oral interpretations given by any County employee, representative, or others.

<u>5:00 PM on November 4, 2015</u> shall be the deadline to submit to the Purchasing Division, in writing, all inquiries, suggestions, or requests concerning interpretation, clarification or additional information pertaining to this IFB.

This deadline has been established to maintain fair treatment of all potential bidders, while maintaining progression of the work.

If any addenda are issued to this IFB, County will post the documents on the Purchasing Division's web page at http://www.mymanatee.org/purchasing, and then by clicking on "Bids and Proposals". If the original solicitation was broadcast via DemandStar, the addenda will also be broadcast on the DemandStar distribution system to "Planholders" on this web service.

The issuance of a written addendum is the only official method whereby interpretation, clarification or additional information can be given.

It shall be the <u>responsibility of each bidder, prior to submitting a bid</u>, to contact the Purchasing Division (see contact information on the cover page) to <u>determine if any addenda were issued</u> and to make such addenda a part of their bid.

A complete set of the IFB documents must be used in preparing bids. County assumes no responsibility for errors and misinterpretations resulting from the use of incomplete sets of bid documents.

A.10 LOBBYING

After the issuance of any IFB, prospective bidders or their agents, representatives or persons acting at the request of such bidder shall not contact, communicate with or discuss any matter relating to the IFB with any officer, agent or employee of Manatee County other than the Purchasing Official or the contact identified on the first page of this IFB, pursuant to the Manatee County Code of Laws. This prohibition includes copying such persons on all written communication, including email correspondence. This requirement begins with the issuance of an IFB and ends upon execution of the final agreement or when the IFB has been cancelled. Violators of this prohibition shall be subject to sanctions as provided in the Manatee County Code of Laws.

A.11 UNBALANCED BIDDING PROHIBITED

County recognizes that large and/or complex projects will often result in a variety of methods, sources, and prices. However, where in the opinion of the County such variation does not appear to be justified, given bid requirements and industry and market conditions, the bid will be presumed to be unbalanced. Examples of unbalanced bids will include:

- a. Bids showing omissions, alterations of form, additions not specified, or required conditional or unauthorized alternate bids.
- b. Bids quoting prices that substantially deviate, either higher or lower, from those included in the bids of competitive bidders for the same line item unit costs.
- c. Bids where the unit costs offered are in excess of or below reasonable cost analysis values.

In the event County determines that a bid is presumed unbalanced, it will request the opportunity to and reserves the right to, review all source quotes, bids, price lists, letters of intent, etc., which the bidder obtained and upon which the bidder relied upon to develop its bid. County reserves the right to reject as nonresponsive any presumptive unbalanced bids where the bidder is unable to demonstrate the validity and/or necessity of the unbalanced unit costs.

A.12 WITHDRAWAL OF BIDS

Bidders may withdraw bids as follows:

- a. Mistakes discovered before the public bid opening may be withdrawn by written notice from the bidder submitting the bid. This request must be received in the Purchasing Division prior to the time set for delivery and opening of the bids. A copy of the request shall be retained and the unopened bid returned to the bidder; or
- b. After the bids are opened or a selection has been determined, but before an agreement is signed, a bidder alleging a material mistake of fact may be permitted to withdraw their bid if:
 - 1. The mistake is clearly evident in the solicitation document; or
 - Bidder submits evidence which clearly and convincingly demonstrates that a mistake was made. Request to withdraw a bid must be in writing and approved by the Purchasing Official.

A.13 IRREVOCABLE OFFER

Any bid may be withdrawn up until the time and date set for opening of the bid. Any bid not so withdrawn shall, upon opening, constitute an <u>irrevocable offer for a period of ninety (90) days</u> to sell to Manatee County the goods or services set forth in the attached IFB until one or more of the bids have been duly accepted by County.

A.14 BID EXPENSES

All expenses for submitting bids to the County are to be borne by the bidder.

A.15 RESERVED RIGHTS

<u>County reserves the right to accept or reject</u> any and/or all bids, to waive irregularities and technicalities, and to request resubmission. Also, County reserves the right to accept all or any part of the bid and to increase or decrease quantities to meet additional or reduced requirements of County. Any sole response received by the first submission date may or may not be rejected by County depending on available competition and current needs of County. For all items combined, the bid of the lowest, responsive, responsible bidder will be accepted, unless all bids are rejected.

The <u>lowest</u>, responsible bidder shall mean that bidder who makes the lowest bid to sell goods and/or services of a quality which meets or exceeds the quality of goods and/or services set forth in the IFB documents or otherwise required by County.

To be <u>responsive</u>, a bidder shall submit a bid which conforms in all material respects to the requirements set forth in the IFB. <u>Bidders must fully comply with the IFB</u> <u>documents in their entirety</u>.

To be a <u>responsible</u> bidder, the bidder shall have the capability in all respects to perform fully the bid requirements, and the tenacity, perseverance, experience, integrity, reliability, capacity, facilities, equipment, and credit which will assure good faith performance.

Also, County reserves the right to make such investigation as it deems necessary to determine the ability of any bidder to furnish the service requested. Information County deems necessary to make this determination shall be provided by the bidder. Such information may include, but shall not be limited to current financial statements, verification of availability of equipment and personnel, and past performance records.

A.16 APPLICABLE LAWS

Bidder must be authorized to transact business in the State of Florida. All applicable laws and regulations of the State of Florida and ordinances and regulations of Manatee County will apply to any resulting agreement. Any involvement with the Manatee County Purchasing Division shall be in accordance with the Manatee County Purchasing Ordinance as amended.

A.17 SCRUTINIZED COMPANIES

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies, for goods or services over \$1,000,000, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Both lists are created pursuant to section 215.473, Florida Statutes.

At the time a company submits a bid or proposal for a contract or before the company enters into or renews a contract with an agency or governmental entity for goods or services of \$1 million or more, the company must certify that the company is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

A.18 COLLUSION

By submitting a bid in response to this IFB, bidder certifies that it has not divulged, discussed or compared its bid with any other bidder, and <u>has not colluded</u> with any other bidder or parties to this bid whatsoever. Also, bidder certifies, and in the case of a joint bid each party thereto certifies as to their own organization, that in connection with this bid:

- a. any prices and/or cost data submitted have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices and/or cost data, with any other bidder or with any competitor;
- any prices and/or cost data quoted for this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder, prior to the scheduled opening, directly or indirectly to any other bidder or to any competitor;

- c. no attempt has been made or will be made by the bidder to induce any other person or firm to submit or not to submit a bid for the purpose of restricting competition;
- d. the only person or persons interested in this bid, principal or principals is/are named therein and that no person other than therein mentioned has any interest in this bid or in the resulting agreement to be entered into; and
- e. no person or agency has been employed or retained to solicit or secure the resulting agreement upon an agreement or understanding or a commission, percentage, brokerage, or contingent fee except bona fide employees or established commercial agencies maintained by bidder for purpose of doing business.

A.19 CODE OF ETHICS

With respect to this bid, if any bidder violates, directly or indirectly, the ethics provisions of the Manatee County Procurement Code and/or Florida criminal or civil laws related to public procurement, including but not limited to Florida Statutes Chapter 112, Part III, Code of Ethics for Public Officers and Employees, such bidder will be disqualified from eligibility to perform services or provide the goods described in this IFB, and may also be disqualified from furnishing future goods or services to, and from submitting any future bids to supply goods or services to Manatee County.

By submitting a bid, the bidder represents to County that all statements made and materials submitted are truthful, with no relevant facts withheld. If a bidder is determined to have been untruthful in their bid or any related presentation, such bidder will be disqualified from eligibility to provide the goods and/or services described in this IFB, and may also be disqualified from furnishing future goods or services to, and from submitting any future bids to supply goods or services to Manatee County.

A.20 PUBLIC CONTRACTING AND ENVIRONMENTAL CRIMES

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime, as that term is defined in Section 287.133, Florida Statutes, may not submit a bid to provide any goods or services to a public entity; may not submit a bid with a public entity for the construction or repair of a public building or public work; may not submit bids on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under an agreement with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for Category Two for a period of thirty-six (36) months following the date of being placed on the convicted list.

In addition, the Manatee County Procurement Code prohibits the award of any bid to any person or entity who/which has, within the past five (5) years, been convicted of, or admitted to in court or sworn to under oath, a public entity crime or of any environmental law that, in the reasonable opinion of the Purchasing Official, establishes reasonable

grounds to believe the person or business entity will not conduct business in a responsible matter.

To ensure compliance with the foregoing, the Code requires all persons or entities desiring to do business with County to execute and file with the Purchasing Official an affidavit, executed under the pain and penalties of perjury, confirming that person, entity and any person(s) affiliated with the entity, does not have such a record and is therefore eligible to seek and be awarded business with County. In the case of a business entity other than a partnership or a corporation, such affidavit shall be executed by an authorized agent of the entity. In the case of a partnership, such affidavit shall be executed by the general partner(s). A Public Contracting and Environmental Crimes Certification form is attached herein for this purpose.

A.21 CONTRACT

The agreement resulting from the acceptance of a bid shall be in the form of purchase order.

A.22 TERMINATION OF CONTRACT

Manatee County reserves the right to terminate any contract, at any time, with or without cause.

A.23 PURCHASING COOPERATIVE

It is the intent of this Invitation for Bid to include requirements and to obtain bids on behalf of Manatee County and reserve the right for the entities belonging to the Sarasota Bay Chapter of NIGP to obtain purchases from this bid proposal. This opportunity is also made available to any and all local, County, Public Educational Institutions, non-profits, and the State of Florida. Pursuant to their own governing laws, and subject to the agreement of the vendor, other entities may be permitted to make purchases at the terms and conditions contained herein. Manatee County will not be financially responsible for the purchase of other entities from this solicitation.

A.24 DISCOUNTS

Any and all discounts must be incorporated in the prices contained in the bid and not shown separately. The prices indicated on the Bid Form shall be the prices used in determining award.

A.25 TAXES

Manatee County is exempt from Federal Excise and State Sales Taxes. (F.E.T. Cert. No. 59-78-0089K; Florida Sales Tax Exempt Cert. No. 85-8012622206C-6); therefore, the bidder is prohibited from delineating a separate line item in his bid for any sales or service taxes. Nothing herein shall affect the bidder's normal tax liability.

The successful bidder shall be responsible for the payment of taxes of any kind and character, including, but not limited to sales, consumer, use, and other similar taxes payable on account of the work performed and materials furnished under the award in accordance with the laws and regulations of the place of the project which are applicable

during the performance of the work. Nothing herein shall affect the bidder's normal tax liability.

A.26 DESCRIPTIVE INFORMATION

Unless otherwise specifically provided in the IFB documents, all equipment, materials and articles provided shall be new and of the most suitable grade for the purpose intended. Unless otherwise specifically provided in the IFB documents, reference to any equipment, material, article or patented process, by trade name, brand name, make or catalog number, shall be regarded as establishing a standard of quality and shall not be construed as limiting competition.

A.27 DELIVERY

Unless otherwise specified, all prices are to be FOB Destination.

A.28 AUTHORIZED PRODUCT REPRESENTATION

The bidder, by virtue of submitting the name and specifications of a manufacturer's product, will be required to furnish the named manufacturer's product. Failure to do so may, in the County's sole discretion, be deemed a material breach of the resulting agreement and shall constitute grounds for County's immediate termination of the resulting agreement.

A.29 ROYALTIES AND PATENTS

The successful bidder shall pay all royalties and license fees for equipment or processes in conjunction with the equipment and/or services being furnished. Successful bidder shall defend all suits or claims for infringement of any patent, trademark or copyright, and shall save County harmless from loss on account thereof, including costs and attorney's fees.

A.30 AMERICANS WITH DISABILITIES ACT

County does not discriminate upon the basis of any individual's disability status. This non-discrimination policy involves every aspect of County's functions including one's access to, participation, employment, or treatment in its programs or activities. Anyone requiring **reasonable accommodation** for an Information Conference or Bid Opening should contact the person named on the cover page of this IFB document at least twenty-four (24) hours in advance of either activity.

A.31 EQUAL EMPLOYMENT OPPORTUNITY

In accordance with Title VI of the Civil Rights Act of 1964, Title 15, Part 8 of the Code of Federal Regulations and the Civil Rights Act of 1992, County hereby notifies all bidders that it will affirmatively ensure minority business enterprises are afforded full opportunity to participate in response to this IFB and will not be discriminated against on the grounds of race, color, national origin, religion, sex, age, handicap, or marital status in consideration of bid award.

A.32 MINORITY BUSINESS ENTERPRISE / DISADVANTAGED BUSINESS ENTERPRISE

The State of Florida Office of Supplier Diversity provides the certification process and the database for identifying certified MBE/DBE firms. Additional information can be obtained at http://www.osd.dms.state.fl.us/iframe.htm or by calling (850) 487-0915.

A.33 SUBCONTRACTORS

The successful bidder will obtain prior written approval from the County for any subcontractor(s) and the work they will perform. A subcontractor is defined as any entity performing work within the scope of the project who is not an employee of the successful bidder.

Bidders subcontracting any portion of the work shall include a list of subcontractors along with their bid. The list shall include: name and address of subcontractor, type of work to be performed and the percent of the contract amount to be subcontracted.

Prior to the employment of any person under this contract, the successful bidder shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of (a) all persons employed during the contract term by the successful bidder to perform employment duties within Florida and (b) all persons, including subcontractors, assigned by the successful bidder to perform work pursuant to the contract with Manatee County. For more information on this process, please refer to United States Citizenship and Immigration Service site at: http://www.uscis.gov/.

Only those individuals determined eligible to work within the United States shall be employed under this contract.

By submission of a bid in response to this IFB, the successful bidder commits that all employees and subcontractors will undergo e-verification before placement on this contract.

If County has reasonable objection to any subcontractor, the County may request the successful bidder to submit an acceptable substitute without an increase in contract sum or contract time.

If successful bidder declines to make any such substitution, the County may award the resulting agreement to the next lowest qualified bidder that proposes to use acceptable subcontractors, who County does not make written objection to. In the event the successful bidder declines to make any such substitution post award, the County may exercise its right to terminate the agreement.

The successful bidder shall maintain sole responsibility for the actions of its employees and subcontractors. New employees brought in after contract award shall follow the same requirement stated above for the life of the contract.

A.34 DISCLOSURE

Upon receipt, all inquiries and responses to inquiries related to this IFB become public records, and shall be subject to public disclosure requirements pursuant to Florida Statute, Chapter 119.

Bids become subject to disclosure thirty (30) days after the opening or if a notice of intent to award decision is made earlier than this time as provided by Florida Statutes § 119.071(1)(b). No review or analysis of the bid shall be conducted at the public bid opening.

Based on the above, County will receive bids at the time and date stated and will make public at the opening the names of the business entities which submitted a bid and any amount presented as a total offer without any verification of the mathematics or the completeness of the bid.

If the County rejects all bids and concurrently notices its intent to reissue the solicitation, the rejected bids are exempt from public disclosure until such time as County provides notice of an intended decision concerning the reissued solicitation or until County withdraws the reissued solicitation. A bid is not exempt for longer than twelve (12) months after the initial notice rejecting all bids.

In any agreement entered into by the County wherein the successful bidder is acting on behalf of the County, the successful bidder is required to comply with Florida Statute, Section 119.0701 which requires keeping, maintaining and disclosing public records.

A.35 LOCAL PREFERENCE

Local business is defined as a business legally authorized to engage in the sale of the goods and/or services, and which certifies within its bid that for at least six (6) months prior to the announcement of the Invitation For Bid it has maintained a physical place of business in Manatee, Desoto, Hardee, Hillsborough, Pinellas or Sarasota County with at least one full-time employee at that location.

Local preference shall not apply to the following categories of agreements:

- 1. Purchases or agreements which are funded, in whole or in part, by a governmental or other funding entity, where the terms and conditions governing the funds prohibit the preference.
- Any bid announcement which specifically provides that local preference, as set forth in this section, is suspended due to the unique nature of the goods or services sought, the existence of an emergency as found by either the County Commission or County Administrator, or where such suspension is, in the opinion of the County Attorney, required by law.

3. For a competitive solicitation for construction services in which fifty percent (50%) or more of the cost will be paid from state-appropriated funds which have been appropriated at the time of the competitive solicitation.

To qualify for local preference under this section, a local business must provide certification to County by completing an "Affidavit as to Local Business" form which is available for download at www.mymanatee.org/vendor. Click on "Affidavit for Local Business" to access and print the form. Complete, notarize, and <a href="mailto:m

It is the responsibility of the bidder to ensure accuracy of the affidavit and notify County of any changes affecting same.

A.36 VENDOR REGISTRATION

Registering your business will provide Manatee County a sourcing opportunity to identify supplies of goods and services, plus identify local businesses.

You may register online at www.mymanatee.org/vendor. If you need any assistance, please call (941) 749-3014, Monday – Friday, 8:00 A.M. to 5:00 P.M., excluding holidays, and the Purchasing Division can assist you as needed.

Registration is not mandatory; however, by taking the time to register, you are helping the County to provide timely notification of quotation, bid and proposal opportunities to your business.

A.37 ENVIRONMENTAL SUSTAINABILITY

All bidders are encouraged to use as many environmentally preferable "green" products, materials, supplies, etc. as possible in order to promote a safe and healthy environment. Environmentally preferable are products or services that have a reduced adverse effect on the environment.

Bidders shall acknowledge whether or not their organization has an environmental sustainability initiative by checking the appropriate box on the bid form. In addition, the bidder shall submit a summary of their environmental sustainability initiative along with their bid. This information will be used as a determining factor in the award decision when all other evaluative factors, including local preference policies are otherwise equal.

A.38 ePAYABLES

Manatee County Board of County Commissioners and the Manatee County Clerk of the Circuit Court have partnered to offer the ePayables program, which allows payments to be made to vendors via credit cards.

The Clerk of the Circuit Court will issue a unique credit card number to vendor after goods are delivered or services rendered, vendors submit invoices to the remit to address on the purchase order. When payments are authorized, an email notification is sent to the vendor. The email notification includes the invoice number(s), invoice date(s), and amount of payment. There is no cost for vendors to participate in this program; however, there may be a charge by the company that processes your credit card transactions.

If you are interested in participating in this program, please complete the ePayables Application attached herein and return the completed form via email to Ms. Lori Bryan, Supervisor at lori.bryan@manateeclerk.com.

A.39 FUNDING

This bid is subject to the appropriation of funds in an amount sufficient to allow continuation of the County's performance in accordance with the terms and conditions of this bid. The county shall provide prompt written notice to the vendor that sufficient funds have not been appropriated to continue its full and faithful performance under the terms of this bid, and shall, effective thirty (30) days after giving such notice or upon the expiration of the time for which funds were appropriated, whichever occurs first, be thereafter released of all further obligations in any way related to the bid.

A.40 CONDITIONS FOR EMERGENCY/HURRICANE OR DISASTER – TERM CONTRACTS

It is hereby made a part of this Invitation for Bid that before, during and after a public emergency, disaster, hurricane, flood, or other acts of God that Manatee County shall require a "first priority" basis for services. It is vital and imperative that the majority of citizens are protected from any emergency situation which threatens public health and safety, as determined by the County. Contractor agrees to provide services to the County or other governmental entities as opposed to a private citizen, on a first priority basis. The County expects to pay contractual prices for all services required during an emergency situation. Contractor shall furnish a twenty-four (24) hours phone number in the event of such an emergency.

A.41 PRECEDENCE

Statements contained in the Scope of Work or Bid Summary section of this Invitation for bid, which vary from the information contained in this section A, Information to Bidders, shall have precedence.

END OF SECTION A

SECTION B

GENERAL TERMS AND CONDITIONS

B.01 CONTRACT FORMS

The Agreement made as a result of the acceptance of any bid from this Invitation for Bids shall be made in the form of a Purchase Order and the successful Bidder shall be bound by the terms and conditions contained in this Invitation for Bids as well as the Purchase Order.

Should a conflict exist between the terms and conditions contained in this Invitation for Bids and the resulting Purchase Order, the terms contained in this Invitation for Bids shall take precedence.

B.02 AUTHORIZED PRODUCT REPRESENTATION

The vendor, by virtue of submitting the name and specifications of a manufacturer's product, will be required to furnish the named manufacturer's product. The vendor's failure to perform accordingly may, in the County's sole discretion, be deemed a breach of contract, and shall constitute grounds for the County's immediate termination of the contract.

B.03 QUALITY GUARANTEE

If any product/service delivered does not meet performance representations or other quality assurance representations as published by manufacturers, producers or distributors of such products or the specifications listed in this bid, the vendor shall pick up the product from the County at no expense to the County. The County reserves the right to reject any or all materials if, in its judgment, the item reflects unsatisfactory workmanship or manufacturing or shipping damage. Also, the vendor shall refund to Manatee County any money which has been paid for same. The vendor will be responsible for attorney fees in the event the supplier defaults and court action is required.

B.04 ROYALTIES AND PATENTS

The vendor shall pay all royalties and license fees for equipment or processes in conjunction with the equipment and/or services he is furnishing. Vendor shall defend all suits or claims for infringement of any patent, trademark or copyright, and shall save the County harmless from loss on account thereof, including costs and attorney's fees.

B.05 INDEMNIFICATION

The successful vendor covenants and agrees to <u>indemnify and save harmless</u> the County, its agents and employees, from and against all claims, suits, actions, damages, causes of action, or judgments arising out of the terms of the resulting agreement for any personal injury, loss of life, or damage to the property sustained as a result of the performance or non-performance of services or delivery of goods; from and against any orders, judgments, or decrees, which may be entered against the County, its agents or employees; and from and against all costs, attorney's fees, expenses and other liabilities incurred in the defense of any such claim, suit or action, and the investigation thereof. Nothing in the award, resulting agreement, contract or Purchase Order shall be deemed to affect the rights, privileges and immunities of the County as set forth in Florida Statute Section 768.28.

B.06 REGULATIONS

It shall be the responsibility of the bidder to assure compliance with any OSHA, EPA and/or other Federal or State of Florida rules, regulations or other requirements, as each may apply.

B.07 MANUALS, SCHEMATICS, HANDBOOKS

All manuals, schematics and handbooks shall be provided which are applicable to the equipment delivered. An operators manual, parts manual and technician manual must also be provided. Parts lists (manuals) must include OEM part numbers for items not manufactured by the bidder. Vendor shall furnish two (2) copies of each publication.

END OF SECTION B

SECTION C

SPECIFIC TERMS & CONDITIONS

C.01 PURPOSE

It is the intent of the County of Manatee to establish an annual contract, on an as required basis, for repair and maintenance of the County's highway lighting system in order to optimize its performance relative to its original design in accordance with Florida Department of Transportation specifications. It is the specific purpose of this bid to establish an annual contract for the required materials and services and to secure the cost and availability of the materials for procurement.

C.02 BLANKET ORDER

Blanket Purchase Order(s) shall be issued as a result of this bid. A Blanket Purchase Order number, when accompanied by a valid Release Order number provided by an authorized County department, will authorize purchases on an **"as required"** basis. (Note: The quantities shown on the Bid Form are estimates only. There is no guarantee that these quantities will be released).

A master agreement with subsequent individual orders shall be used, therefore for payment; each invoice must indicate the Blanket Purchase Order number followed by a valid Release Order number.

Quantities of purchases will vary depending on the authorized budget of each County department. No work shall proceed, including supplying parts and making shipments until a valid release order is provided.

C.03 QUANTITIES

Exact quantities of service to be procured under this contract cannot be determined at this time. Orders will be issued on an "as required basis"; this may include none, all, or part of the quantities specified, or may result in additional quantities. The quantities listed are estimated and only given as a guideline for preparing your quote and should not be construed as representing actual quantities to be purchased.

C.04 DELIVERY

The primary goal of this contract is the speedy acquisition of maintenance, repair and construction services; vendor's responsiveness under the terms of this contract is paramount. Upon notification (verbal or written) of a need for services, the vendor shall acknowledge the request and shall be expected to prepare a quote for presentation to the County Representative within 24 hours from time of notification; emergency situation response time shall be within fifteen (15) minutes. The repair work shall be completed within seven (7) calendar days after County's acceptance of the quote (unless otherwise approved by the County). Failure to respond within the time specified may result in the work being performed by others and/or termination of this contract.

C.05 PRICES & TERM

Bidders shall bid unit prices, F.O.B. Destination, including all discounts in accordance with unit of quantity indicated on Bid Form. The prices bid shall be used for payment and shall be deemed to include payment in full for all transportation, labor, and equipment used in delivering all supplies and materials to the point of delivery.

C.06 CONTRACT TERM

This contract shall be for a period of three years, commencing from date of award, unless renewed or terminated as provided in this bid document.

C.07 RENEWAL

Provided that there are no changes of prices, terms, or conditions, **this contract shall be automatically extended/renewed** beyond the first thirty six (36) month contract period for additional twelve (12) month periods not to exceed total contract duration of sixty (60) months providing. **Written notice of intention not to renew must be submitted by the successful bidder 90 days prior to the end of a contract period.** Should any Vendor choose not to renew the bid awarded, the County reserves the right to terminate the Contract with that Vendor and select the next qualified bidder, or re-advertise for those bid items, or solicit a new Invitation for Bid for all items (including multiple bid awards).

C.08 PAYMENT

Within forty-five (45) days after completion of work by the vendor, acceptance by the County, and presentation of an appropriate invoice, the County shall pay the total amount due. Payment invoices must indicate both the Blanket Purchase Order number and the Release Order number.

C.09 CANCELLATION

It is mutually understood and agreed that any award made as a result of this bid may be canceled by the vendor upon 90 days written notice by Certified Mail to the County. However, the County is hereby authorized to purchase, in accordance with the prices bid, any quantity of materials and/or services during this 90 day interim provided the County requests delivery during this period.

The County reserves the right to terminate a contract by giving 30 days written notice of intention to terminate if at any time the vendor fails to abide by or fulfill any of the terms and conditions of the contract. The County also reserves the right to terminate this contract for the convenience of the County, with or without cause.

C.10 WARRANTY, MAINTENANCE, SERVICE AND SUPPORT

All work, materials, and equipment furnished as defined herein shall be guaranteed and warranted by the contractor for a minimum period of one (1) year, unless otherwise specified, from final acceptance by the Owner to be free from defects due either to faulty materials or equipment or faulty workmanship. The Owner shall, following discovery thereof, promptly give written notice to the contractor of faulty materials, equipment, or workmanship within the period of the guarantee and the contractor shall promptly replace any part of the faulty equipment, material, or workmanship at his own cost.

C.11 MATERIAL/SAFETY DATA SHEET

It shall be the responsibility of the awarded bidder(s) to submit, upon notification of award, a Material Safety Data Sheet (MSDS) for all toxic substances in accordance with Florida Statues Chapter 442, The Right To Know Law, which mandates on-site MSDS for all toxic substances appearing in the work place.

C.12 INSURANCE

The vendor will not commence Work under a Contract until <u>all insurance</u> under this section and such insurance coverage as might be required by the County has been obtained. The vendor shall obtain, and submit to purchasing within ten (10) calendar days of request, at his expense, the following minimum amounts of insurance (inclusive of any amounts provided by an umbrella or excess policy):

a. Workers' Compensation/Employers' Liability

<u>Part One</u> - There shall be no maximum limit (other than as limited by the applicable statute) for liability imposed by Florida Workers' Compensation Act or any other coverage required by the Contract documents which are customarily insured under Part One of the standard Workers' Compensation Policy.

<u>Part Two</u> - The minimum amount of coverage required by the Contract documents which are customarily insured under Part Two of the standard Workers' Compensation Policy shall be:

(Each Accident)	<u>\$100,000</u>
(Disease-Policy Limit)	\$500,000
(Disease-Each Employee)	\$100,000

b. Commercial General Liability

The limits are to be applicable only to Work performed under this Contract and shall be those that would be provided with the attachment of the Amendment of Limits of Insurance (Designated Project or Premises) endorsement (ISO Form CG 25 03) a Commercial General Liability Policy with the following minimum limits.

General Aggregate:

Products/Completed Operations Aggregate	\$1,000,000
Personal and Advertising Injury	\$1,000,000
Each Occurrence	\$1,000,000
Fire Damage (Any One Fire)	\$Nil
Medical Expense (Any One Person)	\$Nil

C.12 INSURANCE (Continued)

ADDITIONAL INSURED: Manatee County, a political subdivision of the State of Florida, shall be specifically named as additional insured on the Commercial General Liability Policy.

c. Business Auto Policy

Each Occurrence Bodily Injury and
Property Damage Liability Combined
Annual Aggregate (if applicable)
\$300,000
\$1,000,000

ADDITIONAL INSURED: Manatee County, a political subdivision of the State of Florida, shall be specifically named as additional insured on the Business Auto Policy.

d. Certificates of Insurance and Copies of Policies

Certificates of Insurance in triplicate evidencing the insurance coverage specified herein shall be filed with the Purchasing Official before operations are begun. The required certificates of insurance shall name the types of policy, policy number, date of expiration, amount of coverage, companies affording coverage, and also shall refer specifically to the Bid number and title of the project. All insurance policies required herein shall be issued by companies that are authorized to do business under the laws of the State of Florida and hold an A.M. Best rating of A-or better. Insurance, as specified herein, shall remain in force and effect for the duration of the project including any warranty periods.

e. <u>Complete Policies</u>: The entire and complete insurance policies required herein shall be provided to the County on request.

Nothing herein shall in any manner create any liability of County in connection with any claim against the Contractor for labor, services, or materials, or of Subcontractors; and nothing herein shall limit the liability of the Contractor or Contractor's Sureties to County or to any Workers, Suppliers, material men or employees in relation to the resulting Contract.

- f. By way of its submission of a Bid hereto, Bidder:
 - Represents that Bidder maintains, and will maintain during the term of any Contract arising from this solicitation, insurance coverage from responsible companies duly authorized to do business in the State of Florida, as set forth in this solicitation; and
 - Agrees that, upon County's request, appropriate evidence of the insurance requirements set forth in this solicitation will be produced by Bidder within ten (10) calendar days from the date of Notice of Intent to Award.
 - 3. Agrees that, insurance should not be cancelled without thirty (30) days notice to County and must be endorsed to provide same. Failure of Bidder to obtain and maintain proper amounts of insurance as called for herein shall constitute a material breach of Contract by successful Bidder, which may result in immediate termination.

C.12 INSURANCE (Continued)

- g. <u>Certification Requirements</u> In order for the certificate of insurance to be accepted it <u>must</u> comply with the following:
 - 1. The certificate holder shall be:

Manatee County Board of Commissioners, A political subdivision of the State of Florida P.O. Box 1000 Bradenton, FL 34206-1000 IFB# 15-2336CD-Highway Lighting System Maintenance

2. Certificate shall be mailed to:

Manatee County Purchasing Division 1112 Manatee Avenue West, Suite 803 Bradenton, FL 34205

Attn: Chris Daley-CPPO, CPPB, Contract Specialist

END OF SECTION C

SECTION D TECHNICAL SPECIFICATIONS

D.01 SCOPE

The Contractor shall furnish all necessary labor, tools, materials, cleaning solutions, equipment and incidentals required, including the necessary vehicles and facilities for transportation of all materials necessary to perform work on the County's highway lighting system. The system includes the light poles, arms, transformer bases, foundations, luminaries, luminaire parts, pull boxes, conductors, conduit, load centers, load center parts (to include housing and support pole), cable distribution systems, protective devices, transformers, and control devices, including replacing street light assemblies that have been knocked down.

The County's intent is to maintain the lighting system to the level of standards established in the Florida Department of Transportation's Maintenance Rating Program. The listing of all locations and identification numbers of the street lights included in this contract are attached to this bid document as Attachment "E".

D.02 BIDDER QUALIFICATIONS

The Contractor shall be licensed to do business as a Certified or Registered Electrical Contractor pursuant to Chapter 489, Part II, Florida Statutes.

The Contractor's work force assigned to perform work under this Contract shall include a minimum of two individuals in each crew. One of the individuals shall possess a valid Journeyman Electrician's license. The license may be issued by the State of Florida or Manatee County. The electrician assistant shall have knowledge, experience, and training in the maintenance and repair of highway lighting systems.

Copies of all licenses shall be made available upon request. County may, upon request, require proof of knowledge, experience, and training of the contractor or his employees or for any new employees used during the time period of this contract.

D.03 SIMILAR WORK BY OTHERS

Award of this contract to a particular vendor shall impose no obligation on the County to utilize that vendor for all work of this type which may develop during the period of this contract. **This is not an exclusive contract**. The County specifically reserves the right to concurrently contract with other companies for similar work if determined to be in the County's best interest.

D.04 WORK AUTHORIZATION

Any work authorized for procurement under this contract shall be on an "as required" basis at various locations within the County. The vendor is not authorized to proceed with, and will not be compensated for, any work that is not authorized by a valid Release Order Number issued by the County's Representative. All work shall be scheduled with the County's Representative. The vendor shall be given a scope of work for each project along with the appropriate FDOT pay code necessary to complete the work. The vendor's total price to complete the work shall be in accordance with the prices listed on the Bid Form.

D.04 WORK AUTHORIZATION (Continued)

The vendor shall perform <u>only</u> the requested repair work for each project location that is identified in the valid Release Order in accordance with the specified FDOT pay code item and the specifications of this Bid document. At no time shall the vendor combine pay codes on the same project location, where a pay codes include the same items (example: A project that has a pay code for a complete pole replacement shall not include a separate pay code for a transformer base). If during performance of the Work, additional work is determined to be required, a written proposal must be provided to the County for approval before any additional work is performed.

D.05 PERFORMANCE OF WORK

1. The Contractor shall perform all work in compliance with the laws of the state of Florida, all municipal ordinances, all regulations and requirements of the Public Service Commission, the National Electrical Code, the current edition of the Manual of Uniform Traffic Control Devices, Section 715 of the Florida Department of Transportation (FDOT) Roadway and Traffic Design Standards, and these Specifications. Furthermore, while it is expected that all of the Contractor's employees will be familiar with and apply all appropriate safety practices, training in the application of the most current Code of Federal Regulations (CFR), relating to "lockout and tagging" procedures will be MANDATORY for all of those employed. The Contractor shall provide certification that each employee has received such training prior to that employee being assigned to perform work under this Contract.

The Contractor's personnel shall be trained in safe work practices including operation of the equipment necessary to do the work described in these specifications and/or as required to perform the Work. The County shall have the authority to have removed from the job site any of the Contractor's personnel acting in such a manner as to endanger the safety of the Contractor or the County's personnel or that of the public. The Contractor shall immediately report to the County, any fatalities or serious injuries to either employees of the Contractor or members of the public and any damage to property resulting from an accident during the performance of any of the work.

- 2. The Contractor shall have within two hours of work order authorization, unless otherwise agreed to by the County, all materials and equipment needed to perform the Work. The storage site(s) shall be outside the right-of-way limits on any state or county maintained roadway. Materials may be temporarily stored on the right-of-way, except for medians, for a period not to exceed 24 hours, if approved by the County Representative. Materials stored along the roadway shall be placed so as not to intrude into the clear recovery area, cause an unsafe condition, or to cause any inconvenience to the public. New parts shall not be opened or removed from their containers until the time of installation.
- 3. All repair equipment used by the Contractor shall conform to all applicable laws and safety requirements and shall be equipped with warning lights in accordance with 8-4.1 of the FDOT Standard Specifications. The Contractor shall adhere to the most current requirements of the CFR, OSHA and the American National Standard Safety Code for Crawler, Locomotive, and Truck Cranes, for items relating to lifting devices (cranes, etc.).
- 4. The work performed may require shop drawings and it will be the Contractor's responsibility to expedite the submittal of said drawings for the County's approval so as not to delay completion of the work. Any uncertainties concerning the work should be reconciled and documented between the Contractor and the County before beginning any work.

D.05 PERFORMANCE OF WORK (Continued)

5. All lane closures shall be done in accordance with FDOT Standard Specifications and must be approved in advance by the County. The Contractor shall not occupy any portion of the roadway during peak traffic periods as may be established by the County. The only exception shall be an emergency. All technicians working within the ROW shall possess a current and valid MOT certification. All MOT work shall adhere to current MUTCD and FDOT standards. All costs for MOT support shall be included in bid pricing. This includes any costs for lane or road closures, hiring of off duty police officers, special equipment such and message boards or arrow board trailers, signs, cones and barricades, etc. required to provide proper maintenance of traffic while performing the work assigned.

D.06 REPAIR WORK

- 1. Repair Work shall be the replacement or repairing of damaged or missing light poles, foundations, transformer bases, luminaries, mast arms, buried cable and conduit between poles.
- 2. Light poles damaged by traffic crashes or natural causes shall be replaced by the Contractor within five working days from date of work order issuance or fourteen days after new foundations are poured-in-place, provided replacement pole assemblies are readily available. In cases where shop drawings are required, the Contractor will expedite the preparation of the drawings and order of the pole assembly so as not to cause a delay in its replacement. The Contractor shall take immediate action to protect the safety of the public by removing any elements of the pole assembly that may cause a hazard. Work also includes the removal and/or proper disposal of the damaged parts and debris, wiring (rewiring), and all hardware, covers, caps, splices, and related parts necessary to make a complete replacement installation.
- Damaged aluminum poles and arms removed from the ROW shall be returned to the County for disposal. The contractor shall be responsible to properly dispose all other unusable or damaged material removed from the ROW.
- 4. All replacement poles shall be installed as originally constructed or by an alternate method proposed by the Contractor and approved in advance by the County. All work shall be completed in accordance with FDOT Standard Specifications.
- 5. Pay items have been prepared to allow payment for the complete assembly or for reconstructing a pole assembly from a combination of various usable salvaged components and new components.
- 6. When substitutions are proposed for existing systems, they must be both functionally and aesthetically compatible with the existing components and approved by the County in writing in advance of the installation.
- 7. Where street light assembly installation calls for a unique size or design not covered specifically within the list of pay items, the contractor shall submit a cost estimate for replacement using similar pay items or combination of pay items to complete the repair or installation.

D.07 EMERGENCY WORK

The Contractor shall be responsible at all times, including after normal work hours, holidays, weekends, and post disaster for the removal of downed poles or mast arms impeding or otherwise threatening the safe use of the public right of way, and the repair of the electrical system in a way that prevents electrical shock to County work forces, the public, or the Contractor's work force. The Contractor shall give priority to Manatee County for any post disaster services related to this contract.

The Contractor shall provide a responsible person to be on-call 24 hours per day and 7 days per week (including all holidays) to receive and respond to verbal and written work requests. This person shall be available to meet with the County Representative as needed and will be required to respond to the emergency site within two hours of being called or paged (either in person or by telephone). The Contractor shall, after being notified, report to the emergency work site location(s) within no more than two hours. The Contractor shall continuously keep the County advised as to the operable telephone number of the Contractor's responsible on-call person who will respond to emergency work as requested by the County. The Contractor shall require that person to continuously be available for such direction through an electronic paging device or other method approved in advance by the County.

D.08 METHOD OF PAYMENT

The Work specified herein shall be paid for under the items listed below (and on the Bid Form) and shall be full compensation for all labor, equipment, tools, incidentals, including installation and tests as required, and any vehicles and facilities necessary to repair the fixtures. No payment will be made until appropriate tests of the installation(s) have been completed.

1. Conductor

Payment for the following items shall be based on the in-place linear feet of wire installed to operate each individual circuit. If two circuits of the same size wire are run in the same conduit for the same distance, then payment shall be based on twice the linear feet for this distance.

Distances shall be measured in straight lines approximating the conduit runs horizontally from center of structure to center of structure; the distance of vertical runs such as on structures at load centers may be added to horizontal distances. The cost of pole wiring is included in Diagnostic Work items.

Item No. M715-1-ab

Conductor

Linear Feet

a = Operation

- 1 Furnish & Install
- 4- (Relocate) B=0
- 6 (Remove & Dispose) b=0; Contractor takes ownership
- 7 (Remove & Stockpile) b=0; only when requested by County
- 8 (Place out of Service) b=0

b = Material & Size

- 1 No.10 or Smaller- Copper Insulated
- 2 No.8 to No.6- Copper Insulated
- 3 No.4 to No.2- Copper Insulated
- 7 No.8 to No.6- Aluminum Insulated
- 8 No.4 to No.2- Aluminum Insulated
- 9 No.6 Bare/Solid Copper

2. Conduit

Payment for the following items shall be full compensation for all locating work, trenching, backfilling, bends, anchors, connections, miscellaneous materials, surface restoration, labor and equipment required to construct a new conduit run, as approved by the County.

Measurement for underground conduit shall be horizontal straight line measurements following the finished conduit trench in the field. Measurements shall be taken by the Contractor and confirmed by the County. Measurements shall be center of pull box or pole to center of pull box or pole with no allowance for sweeps or risers. The conduit trench surface shall be stabilized and restored by the Contractor to a maintenance free condition as part of this item.

Aboveground conduit shall be measured by the Contractor, sketched and documented for submission to the County for payment. Payment shall be based on the actual linear feet installed.

Grounding for all metal conduit runs is included as an incidental cost under the conduit pay items.

Item No. 715-2-abc Conduit

Linear Feet

- a = Operation
 - 1 Furnish & Install Underground
 - 2 Furnish & Install Under pavement
 - 3 Furnish & Install Surface Mount
 - 4 Furnish & Install Jacked Under pavement
 - 5 Furnish & Install In Box Girder
- b = Material Type
 - 1 PVC Schedule 40 (Not to be used for surface mount)
 - 2 IMC Galvanized
 - 3 Rigid Galvanized Steel
 - 4 PVC Schedule 80
- c = Size
 - 1 Less than 1 ½ in.
 - $2 1 \frac{1}{2}$ in. to $2 \frac{1}{2}$ in.
 - 3 Greater than 2 ½ in.

3. Light Pole Complete- Standard Light Pole Designs

Payment for the following items shall include conventional/standard pole assemblies, (the pole, mast arms, luminaires, pole wiring, miscellaneous hardware, and transformer base).

Item No. 715-4-abc Light Pole Complete Each

a= Operation

- 0 Furnish & Install Standard Pole- Special Foundation
- 1 Furnish & Install Standard Pole- Standard Foundation
- 3 Install (bc=00)- Pole furnished by the County
- 4 Relocate (bc=00)
- 6 Remove (bc=00)

b = Wind Speed (mph)	c = Pole Height (Feet)
1 – (150)	1 – (40)

2 - (130)2 - (45)3 - (110)3 - (50)

9 – (Custom height)

4. Luminaire & Bracket Arm

Payment for the following items shall be for furnishing and installing a new bracket arm, luminaire with lamp and all necessary mounting hardware.

Item No. 715-5-ab Luminaire & Bracket Arm

Each

a = Operation

1 - Furnish & Install 1 – Aluminum

3 - Install (b=0) 4 - Relocate (b=0)

5 - Remove (b=0)

b = Material Type

2 - Galvanized Steel

Load Center

Payment for the following items shall be for furnishing and installing, re-working, relocating, or removing a complete load center. Includes all components listed in the Standards and all external and internal conduit and conductors for the service.

Item No. 715-7-ab Load Center Each

> b=Type a = Operation

1 - Furnish & Install 1- Secondary Voltage 2- Primary Voltage 2 – Rework

3 - Relocate 4 - Remove

6. <u>Lighting Pole Foundation</u>

Payment for the following items shall be for constructing a new foundation for conventional height poles (O-15m) mounted on the ground at locations approved by the County, or repairing or straightening an existing foundation. When straightening an existing foundation, payment shall include all costs to adjust level and straighten light pole assembly/base, tighten bolts or replace missing bolts and lock washers to ensure light pole is straight and secure.

<u>Lighting Pole Foundation (Continued)</u>

This item is for MAINTENANCE USE ONLY. Relocating poles during construction, removal of existing foundation, and F&I of new foundation are included with the Light Pole- Relocate Pay Item.

<u>DO NOT USE WITH LIGHT POLE COMPLETE</u>. Foundation is included in cost of complete pole installation, relocate, or removal.

Item No. 715-10-a Lighting Pole Foundation

Each

- a = Operation
 - 2 Furnish and Install (Do not use with F&I or Relocate light poles)
 - 3 Repair
 - 4 Straighten Existing Foundation
 - 5 Remove (Do not use with light pole removal or light pole relocate)*

7. Luminaire

Payment for the following items shall be for furnishing and installing a new luminaire on the field supporting hardware. New luminaires shall be functional replacements of those being maintained shall be approved for use in advance by the County. Where functional wattage is not specified, the amount bid for each functional type shall cover all wattage and lamp types. New luminaires shall include housing, lens, lamps, starter boards, ballasts, refractors, drivers, LED board and any other internal component necessary to provide a fully functional luminaire.

Payment shall not be made until the luminaire is in place and operating and has met the "burn-in' requirements of 715-15. The unit price per luminaire shall include the lamp.

<u>DO NOT USE WITH items 715-4-abc Light Pole Complete or 715-5ab-cdd Light Pole Complete- Special Design;</u> the luminaire is included in cost of complete pole installation, relocate, or removal.

Item No. M715-11-abc Luminaire Each

a = Operation b = Location 1 - Furnish & Install 1 - Roadway 3 - Install (bc=00) 2 - Underdeck

4 – Relocate (bc=00) 3 – Sign- for retrofits only

5 – Remove (bc=00)

c = Type

1- Cobra Head 2- High Mast
3- Pole Top 4- Shoe Box
5 - Wall Mount 6 - Pendant Hung

7 - Sign Mount 8- Flood

9 – Special (Patriarch) 10- LED (Phillips/Roadstar)

^{*} Payment shall include all backfill material and proper disposal of the foundations in areas provided by the Contractor.

8. Pull Box

Payment for following items shall be made for furnishing and installing a pull box of a type and at a location approved by the County. The pull box pay item includes the cost of site preparation, restoration, required ground rod and clamps, materials, labor and equipment to make a complete and acceptable installation. When repair work to the pull box is performed, it will include grounding of ungrounded cast iron cover and/or repair of contents within the pull box. All pull box installations shall use a composite, load bearing box with a nonmetallic lid.

The number of pull boxes used shall be determined by the Contractor as approved by the County as the minimum number required completing or repairing a certain circuit.

Item No. 715-14-xab Pull Box Each

a = Operation

1 - Furnish & Install

4 - Relocate

5 - Remove

6 - Furnish & Install (Cover Only)

7 - Repair

b = Placement

1 - Roadside - Molded

2 - Sidewalk

3 - Embedded Bridge

4 - Surface Mount

9. Ballast

Payment for the following items shall be for furnishing and installing a complete ballast assembly of the type required to restore operation of a luminaire. All ballasts shall be of the regulator type unless otherwise approved by the County. Ballasts assemblies include starter board and capacitor. In support of repair of LED luminaires an additional pay item component has been added for this special fixture. These fixtures use an electronic driver to illuminate the LEDs.

Item No. M715-16-ab

a = Operation

5- Replace

5- Replace

1 - Complete Lighting Ballast Assembly

2 - LED Driver

3 - Luminaire Starter Board only

10. Lamp

Payment for the following items shall be for installing only or furnishing and installing a lamp in a luminaire in the field. This item is not to be used when items for new luminaries are used or for large scale group re-lamping. Cost shall include all required wattage of lamps of that type. In support of repair of LED luminaires an additional pay item component has been added for this special fixture. These fixtures use LED panel board in lieu of a traditional Lamp.

Item No. M715-17-ab

a= Operation
5- (Replace)

b = Type
2 - Mercury Vapor
3 - Metal Halide
5 - Low Pressure Sodium
8 - LED Panel Board
9 - Install Only- Lamp or LED panel Board
provided by County

11. Load Center Part

Payment for the following items shall be for furnishing and/or installing new circuit breakers, breaker panels and enclosures, and other load center equipment of the type required to replace damaged and malfunctioning units including miscellaneous wiring or re-wiring as necessary. The pay items provided may make no distinction in amperage rating in which case the unit price for each type shall be full compensation for any required size or amperage rating required to make a repair. The pay item structure provides for the various electrical components found normally at various types of load centers and should be used as a basis for paying for replacing individual components of a load center as required.

Item No. M715-18-abb

Load Center Part

Each

a = Operation

1 - Furnish & Install

2 - Furnish

3 - Install

bb = Material Type

01 - Single Pole Breaker

02 - Double Pole Breaker

03 - Triple Pole Breaker

04 - Breaker Panel & Enclosures

05 - Contactor

06 - Photocell Control Transformer

07 - Photocell

08 - Photocell Socket

09 - Power Safety Switch

10 - System Switch, Auto - Off/On

11 - Lightning Arrester

12 - Circuit Fuse

13 - Main Fuse

14 - Dummy Slug

15 - Safety Disconnect Switch Box

(Fuse Type) 600V

16 - Cover Plate

12. Surge Protector

Payment for the following shall be for furnishing and installing new repalcement surge protectors.

Item No. 715-19-a

Surge Protector

Each

a = Operation

3 - Replace existing

13. Refractor

Payment for the following shall be for furnishing and installing new refractors. This item is not to be used with a complete new fixture installation.

Item No. M715-23-a

Refractor

Each

a = Type

1 - Standard Cobra Head

2 – Light Shield/ External

14. Fuse

Payment for the following items shall be for furnishing and/or installing new replacement fuses.

Item No. M715-24-1	Fuse (Furnish and Install) (Pole Base)	Each
Item No. M715-24-3	Fuse (Install Only) (Pole Base)	Each
Item No. M715-24-4	Dummy Slug (Furnish and Install) (Pole Base)	Each
Item No. M715-24-5	Dummy Slug (Install) (Pole Base)	Each

Payment for the following items shall be for furnishing and/or installing new fuse holders and/or disconnect plugs.

Item No. M715-25-xab Fuse Holder/Disconnect Plug Each
a = Operation b = Location
4 - Install Only 1 - Pole Base
(Blank = Furnish and Install) 2 - Aerial

15. Lighting- Routine Maintenance

Payment for the following pay items shall be for the furnishing of all labor a material for group re lamping, cleaning of luminaire lens, heat sync and refractor, and checking all pole bond and ground wire connections. Pay item is per fixture.

Item No. M715-31-aa

- 1- Shoulder- Single Arm
- 2- Shoulder- Double Arm
- 5- Bridge Mounted

Payment for the following pay item includes manually operating contact closure, checking photocell, cleaning and treating rust spots on enclosure. Pay item is per load center.

Item No. M715-31-aa

aa=

7- Load Center

16. Diagnostic Work

Diagnostic work will be ordered by the County. The work shall be performed on all non-functioning luminaires, load centers, and circuits as identified by the County. The Contractor shall submit a Diagnostic Report to the County detailing the required work. The Contractor shall begin diagnostic work within 24-hours of receipt of an order from the County.

Payment for the following items shall be for diagnostic work and shall be paid based on each location (i.e., pole, sign assembly, under-deck fixture, circuit) for which work has been approved.

Item No. M715-32-a

Diagnostic Work

Location

a = 1 – Light Pole 7 - Load Center 10 – Circuit

17. Light Pole Frangible Base

Payment shall be for the installation of frangible street light base to include the base, attachments, bolts and washers as per plans and standard indexes.

Item No. 715-36-AB Light Pole Frangible Base Each

A = Operation B= Type 1-Furnish & Install 1-Shoe Base

2- Furnish 2-Transformer Base
3- Install 3-Frangible Insert
4- Remove 4-Door Assembly

5-Leveling In-Place Pole

18. Photo Electric Control Assembly

Payment shall be for furnishing and installing a new photo electric control assembly.

Item No. 715-37-a Photo Electric Control Assembly E

Each

a = Operation

1 - Furnish and Install

3 – Install

19. Light Pole Cable Distribution System

Payment shall be for the installation of a complete light pole cable distribution system to include the surge protector, fuse holders with fuse and dummy slug, waterproof connections and waterproof wiring to the Luminaire. This pay item shall be used for new and complete replacement installations, not to be used for partial replacement of system components.

Item No. 715-500-A Light Pole Cable Distribution System Each

A=Type

- 1- Conventional
- 2- High Mast
- 3- Wall Mounted

20. <u>Lighting Pole Complete- Special Design</u>

Payment for the following items shall include specialty designed pole assemblies, and shall include: the pole, internal vibration damping device, bracket arm, luminaire with lamp, pole wiring, all mounting hardware, frangible base and foundation.

Item No. 715-5ab-cdd

Lighting Pole Complete

Each

a= Operation

- 1 Furnish & Install
- 2 Furnish
- 3 Install
- 4 Relocate (b-cdd = 0-000)
- 5 Remove (b-cdd = 0-000)
- 6 Repair& Re-install (b-cdd = 0-000)

b = Number of Arms and Locations

- 1 Single Arm Shoulder Mount
- 2 Double Arm Shoulder Mount
- 3 Single Arm Wall Mount
- 4 Double Arm Wall Mount
- 5 Single Arm Bridge Mount
- 6 Pole Top Mount
- 7- Double Arm Bridge Mount
- 8- Double Arm- Pole Top Mount

c = Material Type

- 1 Aluminum non standard designs
- 2 Galvanized Steel
- 3 Concrete
- 4 Fiberglass
- 5 Wood
- 6 Cast Iron
- 7- Stainless Steel

dd = Mounting Height (In Feet)

21. Emergency Work

The use of this pay item shall only occur when the County requires the vendor to respond to the emergency site within two hours.

Item No. M715-27

Each

D.09 ADDITIONAL ITEMS

The pay items listed on the bid sheet are estimated items based on historical usage, and Manatee County reserves the right to add or delete pay items as needed throughout the life of this contract. All additional items that may be added shall be done so in accordance with the most current Florida Department of Transportation (FDOT) Basis of Estimates (BOE).

D.10 PERMITS/ FEES/ REGULATIONS

Contractor shall be required to give all necessary notices, obtain all permits and inspections, and pay all costs in connection with the Work.

Contractor shall assure compliance with any OSHA, EPA, and/or federal, state, local rules and regulations. Any conflicts between the specifications and code shall be brought to the attention of the County's Representative and resolved before the Work is to continue.

END OF SECTION D

BASIS OF AWARD

E.01 BASIS OF AWARD

Awards will be made to the responsive and responsible bidder having the lowest total for Bid award purposes listed on the Bid Form. Bidders are required to bid all items listed on the Bid Form to be considered responsive.

Whenever two or more bids are equal with respect to price, the bid received from a local business shall be given preference in award.

Whenever two or more bids are equal with respect to price, and all other evaluative factors are otherwise equal, including local preference policies, if the company provides documented environmentally preferable "green" products, materials, or supplies, they shall be given preference in award.

Whenever two or more bids which are equal with respect to price are received, and neither of these bids are from a local business, and neither of these bids provides documented "green" products, the award shall be determined by a chance drawing, coin toss, or similar tie-breaking method conducted by the Purchasing Division and open to the public.

Local business is defined as a business legally authorized to engage in the sale of the goods and/or services to be procured, and which certifies within its bid that for at least six (6) months prior to the announcement of the solicitation of bids it has maintained a physical place of business in Manatee, Desoto, Hardee, Hillsborough, Pinellas or Sarasota County with at least one full-time employees at that location.

END OF SECTION E

BID FORM (Submit in Duplicate)

TO: Manatee County Purchasing 1112 Manatee Avenue West Bradenton, Florida 34205

RE: "Sealed Bid # 15-2336CD – Highway Lighting System Maintenance"

We, the undersigned, hereby declare that we have carefully reviewed the bid documents, and with full knowledge and understanding of the aforementioned herewith submit this bid, meeting each and every specification, term and condition contained in this Invitation for Bids.

We understand that the bid specifications, terms and conditions in their entirety shall be made a part of any agreement or contract between Manatee County and the successful bidder. Failure to comply shall result in contract default, whereupon, the defaulting vendor shall be required to pay for any and all re-procurement costs, damages, and attorney fees as incurred by the County.

COMPANY NAME:		
AUTHORIZED SIGNATURE: _		
	(Print Name & Title of Signer	DATE:)
COMPANY ADDRESS:		
TEL. NO.:	Email:	
FEIN NO.:		
Acknowledge Addendum No	Dated:	_
Acknowledge Addendum No	Dated:	_
Acknowledge Addendum No	Dated:	_

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ITEM	FDOT PAY ITEM	DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
1	M715-1-11	CONDUCTOR (INSULATED) (COPPER) (F&I) (NO.10 OR SMALLER)	500	LF	\$	\$
2	M715-1-12	CONDUCTOR (INSULATED) (COPPER) (F&I) (NO.8 TO NO.6)	5000	LF	\$	\$
3	M715-1-13	CONDUCTOR (INSULATED) (COPPER) (F&I) (NO.4 TO NO.2)	500	LF	\$	\$
4	M715-1-17	CONDUCTOR (INSULATED) (ALUMINUM) (F&I) (NO.8 TO NO. 6)	1000	LF	\$	\$
5	M715-1-18	CONDUCTOR (INSULATED) (ALUMINUM) (F&I) (NO.4 TO NO. 2)	1000	LF	\$	\$
6	M715-1-19	CONDUCTOR (F&I) (BARE/ SOLID) (COPPER) (NO.6)	500	LF	\$	\$
7	715-2-112	CONDUIT,(F&I) UNDERGROUND PVC SCH 40 (2")	1000	FT	\$	\$
8	715-2-412	DIRECTIONAL BORE CONDUIT JACKED- UNDER PAVEMENT, (F&I) PVC SCH 40 2"	500	FT	\$	\$
9	715 -4-121	LIGHT POLE COMPLETE (F&I) (40FT)	5	EA	\$	\$
10	715 -4-122	LIGHT POLE COMPLETE (F&I) (45FT)	5	EA	\$	\$
11	715 -4-123	LIGHT POLE COMPLETE (F&I) (50FT)	5	EA	\$	\$
12	715 -4-129	LIGHT POLE COMPLETE (F&I) (CUSTOM HEIGHT)	10	EA	\$	\$
13	715 -4-300	LIGHT POLE COMPLETE (INSTALL)	1	EA	\$	\$
14	715 -4-400	LIGHT POLE COMPLETE (RELOCATE)	1	EA	\$	\$
15	715 -4-600	LIGHT POLE COMPLETE (REMOVE)	1	EA	\$	\$
16	715-5-11	LUMINAIRE & BRACKET ARM (F&I) (ALUM)	10	EA	\$	\$
17	715-5-3	LUMINAIRE & BRACKET ARM (INSTALL ONLY)	10	EA	\$	\$
18	715-5-5	LUMINAIRE & BRACKET ARM (REMOVE)	5	EA	\$	\$
19	715-7-11	LOAD CENTER (F&I) (SECONDARY VOLTAGE)	3	EA	\$	\$
20	715-7-41	LOAD CENTER (F&I) (REMOVE) (SECONDARY VOLTAGE)	3	EA	\$	\$
21	715-10-2	LIGHT POLE FOUNDATION (F&I)	5	EA	\$	\$
22	715-10-3	LIGHT POLE FOUNDATION (REPAIR)	5	EA	\$	\$

Bidder Name:	
Authorized Signature: _	

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ITEM	FDOT PAY ITEM	DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
23	715-10-4	LIGHT POLE FOUNDATION (STRAIGHTEN)	5	EA	\$	\$
24	715-10-5	LIGHT POLE FOUNDATION (REMOVE)	5	EA	\$	\$
25	M715-11- 111	LUMINAIRE (F&I) (ROADWAY) (COBRA HEAD)	30	EA	\$	\$
26	M715-11- 113	LUMINAIRE (F&I) (POLE TOP)	20	EA	\$	\$
27	M715-11- 119	LUMINAIRE (F&I) (SPECIAL)(POLE TOP) PATRIARCH	10	EA	\$	\$
28	M715-11- 1110	LUMINAIRE (F&I) (SPECIAL) (LED) PHILIPS ROADSTAR	20	EA	\$	\$
29	M715-11- 300	LUMINAIRE, (INSTALL ONLY) POLE TOP LED	10	EA	\$	\$
30	715-14-11	PULL BOX (F&I) (ROADSIDE)	15	EA	\$	\$
31	715-14-31	PULL BOX (INSTALL) (ROADSIDE)	10	EA	\$	\$
32	M715-16-51	BALLAST ASSEMBLY (REPLACE)	30	EA	\$	\$
33	M715-16-52	LED DRIVER (REPLACE)	30	EA	\$	\$
34	M715-16-53	LUMINAIRE STARTER BOARD (REPLACE)	30	EA	\$	\$
35	M715-17-52	LAMP (MERCURY VAPOR) (REPLACE)	100	EA	\$	\$
36	M715-17-53	LAMP (METAL HALIDE) (REPLACE)	100	EA	\$	\$
37	M715-17-55	LAMP (LOW PRESSURE SODIUM) (REPLACE)	50	EA	\$	\$
38	M715-17-58	LED PANEL BOARD (LED) (REPLACE) (PHILIPS ROADSTAR)	25	EA	\$	\$
39	M715-18- 102	LOAD CENTER PART (F&I) (DBL POLE)	5	EA	\$	\$
40	M715-18- 105	LOAD CENTER PART (F&I) (CONTACTOR)	5	EA	\$	\$
41	M715-18- 106	LOAD CENTER PART (F&I) (PHOTOCELL CONTROL TRANSFORMER)	5	EA	\$	\$
	M715-18- 107	LOAD CENTER PART (F&I) (PHOTOCELL)	20	EA	\$	\$
	M715-18- 108	LOAD CENTER PART (F&I) (PHOTOCELL SOCKET)	5	EA	\$	\$
	M715-18- 110	LOAD CENTER PART (F&I) (SYSTEM SWITCH)	5	EA	\$	\$
45	M715-18- 111	LOAD CENTER PART (F&I) (LIGHTNING ARRESTOR)	10	EA	\$	\$

Bidder Name:			
-			

Authorized Signature:

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ITEM	FDOT PAY ITEM	DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
	M715-18- 112	LOAD CENTER PART (F&I) (CIRCUIT FUSE)	10	EA	\$	\$
47	M715-18- 114	LOAD CENTER PART (F&I) (DUMMY SLUG)	5	EA	\$	\$
48	715-19-3	SURGE PROTECTOR (POLE BASE) (REPLACE EXISTING)	30	EA	\$	\$
49	M715-23-1	REFRACTOR (INSTALL) (COBRA HEAD)	10	EA	\$	\$
50	M715-23-2	LIGHT SHIELD/ EXTERNAL (F&I)	10	EA	\$	\$
51	M715-24-5	FUSE (REPLACE) (POLE BASE)	100	EA	\$	\$
52	M715-25-1	FUSE HOLDER/ DISCONNECT PLUG (F&I) (POLE BASE)	30	EA	\$	\$
53	M715-25-2	FUSE HOLDER/ DISCONNECT PLUG (F&I) (AERIAL)	30	EA	\$	\$
54	715-31-1	ROUTINE LIGHTING MAINTENANCE (SINGLE ARM)	200	EA	\$	\$
55	715-31-2	ROUTINE LIGHTING MAINTENANCE (DOUBLE ARM)	50	EA	\$	\$
56	715-31-5	ROUTINE LIGHTING MAINTENANCE (BRIDGE MOUNTED)	10	EA	\$	\$
57	715-31-7	ROUTINE LIGHTING MAINTENANCE (LOAD CENTER)	20	EA	\$	\$
58	M715-32-1	DIAGNOSTIC WORK (LIGHT POLE)	200	LOC	\$	\$
59	M715-32-7	DIAGNOSTIC WORK (LOAD CENTER)	50	LOC	\$	\$
60	M715-32-10	DIAGNOSTIC WORK (CIRCUIT)	25	LOC	\$	\$
61	715-36-12	LIGHT POLE FRANGIBLE BASE (F&I) (TRANSFORMER BASE)	20	EA	\$	\$
62	715-36-14	LIGHT POLE FRANGIBLE BASE (F&I) (DOOR ASSEMBLY)	10	EA	\$	\$
63	715-36-52	LIGHT POLE FRANGIBLE BASE (TRNSFMR BASE) (LEVEL IN-PLACE POLE)	20	EA	\$	\$
64	715-37-1	PHOTOELECTRIC CONTROL ASSY (F&I)	5	EA	\$	\$
65	715-500-1	POLE CABLE DISTRIBUTION SYSTEM (F&I)	20	EA	\$	\$
66	715-516-112	LI/PL COMP SPECIAL DESIGN (F&I) POLE TOP (ALUM) 12'	5	EA	\$	\$
67	715-516-414	LI/PL COMP SPECIAL DESIGN (F&I) POLE TOP (FBRGLS) 14'	5	EA	\$	\$
68	715-516-330	LI/PL COMP SPECIAL DESIGN (F&I) POLE TOP CON (35')	5	EA	\$	\$

Bidder Name:	
Authorized Signature:	

ITEM	FDOT PAY ITEM	DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
69	715-516-345	LI/PL COMP SPECIAL DESIGN (F&I) POLE TOP CON (45')	5	EA	\$	\$
70	1/15-560-000	LI/PL COMP SPECIAL DESIGN (REPAIR/ REINSTALL)	10	EA	\$	\$
71	M715-27	EMERGENCY CALL OUT	5	EA	\$	\$
		GRAND TOTAL FOR BID AWARD PURPOSES			\$	

Bidder Name:		

ATTACHMENT A BIDDER'S QUESTIONNAIRE

(Submit in Duplicate)

The Bidder warrants the truth and accuracy of all statements and answers herein contained. (Attach additional pages if necessary.)

THIS QUESTIONNAIRE MUST BE COMPLETED AND SUBMITTED WITH YOUR BID

1.	Contact Information:				
Licen	se #:				
Licen	se Issued to:				
	License Received (MM/DD/YR):				
Comp	pany Name:				
	cal Address:				
City:	State of Incorporation: Zip Code:				
Phone	e Number: _() Fax Number: _()				
Email	address:				
2.	Bidding as: an individual; a partnership; a corporation; a joint venture				
3.	If a partnership, list names and addresses of partners; if a corporation, list names or officers, directors, shareholders, and state of incorporation; if joint venture, list names and address of ventures' and the same if any venture are a corporation for each such corporation, partnership, or joint venture:				
- - 4.	Bidder is authorized to do business in the State of Florida: Yes No For how many years?				
5.	Your organization has been in business (under this firm's name) as a				
-	Is this firm in bankruptcy?				
BIDD	ER:				

ATTACHMENT A BIDDER'S QUESTIONNAIRE (Submit in Duplicate)

6.	Bidder's electrical contractor service is fully trained in the current Federal Regulations (CFR) relating to "tag and lock" procedures: Yes No (check one)					
	Respond with the education, experience, and certification of your staff who will be assigned to this contract.					
	Response:					
	Number of employees employed by your business: Subcontracted:					
	Name of supervisor (scheduling and supervising work):					
7.	Bidder's staff shall be uniformed with shirts with name of vendor displayed, pants, and shoes. Uniforms shall be neat and clean in appearance when on the job site. Provide a description of attire:					
8.	Describe and give the date and County of the last three government or private work of similar scope you've completed which are similar in cost, type, size, and nature as this Project. Include contact name and phone number. Provide the budget, actual cost, size and summary of work for each project. Attach additional pages as necessary.					
9.	Have you ever failed to complete projects awarded to you? Or failed to complete projects within Contract Time? If so, state when, where (contact name, address, phone number) and why.					
וחום	DER.					

ATTACHMENT A BIDDER'S QUESTIONNAIRE (Submit in Duplicate)

10.	Have you ever been debarred or prohibited from providing a Bid to a governmental entity' If yes, name the entity and describe the circumstances:
11.	Will you subcontract any part of this Work? If so, describe which major portion(s):
12.	If any, list (with Contract amount) MBE/DBE to be utilized:
13	What equipment do you own to accomplish this Work? (A listing may be attached)
14.	What equipment will you purchase/rent for the Work? (Specify which)
BIDE	DFR·

Attachment "B"

STATEMENT OF NO BID

If you do not intend to bid please return this form immediately to:

Manatee County Purchasing 1112 Manatee Avenue West, Suite 803 Bradenton, Florida 34205

Email: purchasing@mymanatee.org

We, the undersigned, have declined to Maintenance, for the following reason(b bid on Bid No.: <u>15-2336CD – Highway Lighting System</u> s):
Specifications too restrictive, i.e., Insufficient time to respond We do not offer this product or se Our schedule would not permit us Unable to meet specifications Unable to meet Bond requiremen Specifications unclear (explain be Unable to meet insurance require Remove us from your "Bidders List Other (specify below)	t to perform telow)
REMARKS:	
	it a Bid and this Statement of No Bid is not executed and om your Bidders List for this commodity or service.
Company Name:	
Company Address:	
Telephone:	
Date:	
Signature:	
(Print or type nam	e and title of above signer)
(i iiii di type nam	o and the or above digitor,

Attachment "C"

PUBLIC CONTRACTING AND ENVIRONMENTAL CRIMES CERTIFICATION

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

This sworn stateme	ent is submitted to the Manatee County Board of County Comm	nissioners by
	·	[print individual's name and title]
	for	
	[print	name of entity submitting sworn statement]
whose business ad	ddress is:	
and (if applicable)) its Federal Employer Identification Number (FEIN) is	If the entity has no
FEIN, include the	Social Security Number of the individual signing this sworn sta	atement:
or services (includi	o person or entity shall be awarded or receive a county contract for ing professional services) or a county lease, franchise, concession onies unless such person or entity has submitted a written certific	n or management agreement, or shall receive a
of Florida	convicted of bribery or attempting to bribe a public officer or empa, or any other public entity, including, but not limited to the Gony local government authority in the United States, in that officer	overnment of the United States, any
	convicted of an agreement or collusion among bidders or prospect on, by agreement to bid a fixed price, or otherwise; or	ive bidders in restraint of freedom of
	convicted of a violation of an environmental law that, in the sole reflects negatively upon the ability of the person or entity to conduct the conductive of the person of the conductive of the person or entity the conductive of the person of the conductive of th	
record, bu is a matter	an admission of guilt of such conduct described in items (1), (2 at has not been prosecuted for such conduct, or has made an admis r of record, pursuant to formal prosecution. An admission of guiltontendere; or	ssion of guilt of such conduct, which
to any of t an official business s the condu ownership directly of individual include, w shared org	an officer, official, agent or employee of a business entity has been the crimes set forth above on behalf of such and entity and pursual all thereof (including the person committing the offense, if he is an eshall be chargeable with the conduct herein above set forth. A businest of an affiliated entity, whether wholly owned, partially of por a common Board of Directors. For purposes of this Former indirectly, one business entity controls or has the power to control or group of individuals controls or has the power to control to without limitation, interlocking management or ownership, identity ganization of a business entity following the ineligibility of a business the stantially the same management, ownership or principles as the	nt to the direction or authorization of an official of the business entity), the siness entity shall be chargeable with owned, or one which has common a, business entities are affiliated if, trol another business entity, or if an oth entities. Indicia of control shall of interests among family members, usiness entity under this Article, or

Any person or entity who claims that this Article is inapplicable to him/her/it because a conviction or judgment has been reversed by a court of competent jurisdiction shall prove the same with documentation satisfactory to the County's Purchasing Director. Upon presentation of such satisfactory proof, the person or entity shall be allowed to contract with the County.

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR MANATEE COUNTY IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT ANY CONTRACT OR BUSINESS TRANSACTION SHALL PROVIDE FOR SUSPENSION OF PAYMENTS, OR TERMINATION, OR BOTH, IF THE CONTRACTING OFFICER OR THE COUNTY ADMINISTRATOR DETERMINES THAT SUCH PERSON OR ENTITY HAS MADE FALSE CERTIFICATION.

		[Signature]	
STATE OF FLORIDA COUNTY OF			
Sworn to and subscribed before me this	day of	, 20 by	
Personally known	OR Produced ide	lentification[Type of identification]	
Notary Public Signature		My commission expires	
Print, type or stamp Commissioned name of	of Notary Public]	I	

Signatory Requirement - In the case of a business entity other than a partnership or a corporation, this affidavit shall be executed by an authorized agent of the entity. In the case of a partnership, this affidavit shall be executed by the general partner(s). In the case of a corporation, this affidavit shall be executed by the corporate president.



Angelina M. Colonneso CLERK OF THE CIRCUIT COURT AND COMPTROLLER OF MANATEE COUNTY

1115 Manatee Avenue West, Bradenton, Florida 34205 - Phone (941) 749-1800 - Fax (941) 741-4082 P.O. Box 25400, Bradenton, Florida 34206 - www.manateeclerk.com

ATTACHMENT D: E PAYABLES APPLICATION

Company name	
Contact person	
Phone number	
Email Address	
EINAN	NCE LISE ONLY
FINAL	NCE USE ONLY
Open orders: YES or NO	
PEID	
CREATE DATE	
CONFIRMED WITH	
Name an	nd phone number
FAS	
BANK	Return completed form to:
NITIALS	Via email to: lori.bryan@manateeclerk.com
 	Via fax to: (941) 741-4011
	Via mail:
	PO Box 1000
Revised: September 30, 2015	Bradenton, Fl 34206

POLE NUMBER	LOCATION	QNTY	FIXTURE	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	750 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
	STAND ALONE LIGHTING	<u> </u>			I.						1			
113	SALLY LEE DR @ US301	1	LED	Χ						120V	24' 8"	Χ		Concrete Strain Pole
114	LINDEN DR @ US301	1	LED	X						120V	25' 2"	Χ		Concrete Strain Pole
127	US41 @ 69 ST E	1	LED	X						120V	34'	Χ		Concrete Strain Pole
	14 STREET WEST LIGHTING												T	
B411	14 ST W @ 27 AVE W	1	COBRA			Χ				240V	29'	Х	+-	Concrete Strain Pole
B412	14 ST W @ 28 AVE W	1	COBRA			Χ				240V	29'	Х	_	Concrete Strain Pole
B413	14 ST W @ NORTH OF 28 AVE DR W	1	COBRA			Χ				240V	29'	Χ	† 	Concrete Strain Pole
B414	14 ST W @ SOUTH OF 28 AVE DR W	1	COBRA			X				240V	29'	X	† 	Concrete Strain Pole
B415	2900 BLOCK OF 14 ST W	1	COBRA			Χ				240V	29'	Χ	† 	Concrete Strain Pole
B416	2900 BLOCK OF 14 ST W	1	COBRA			Χ				240V	29'	Х	†	Concrete Strain Pole
B418	14 ST W @ 30 AVE W	1	COBRA			X				240V	29'	X		Concrete Strain Pole
B419	3010 14 ST W	1	COBRA			Х				240V	29'	Χ	† 	Concrete Strain Pole
B4110	3225 14 ST W	1	COBRA			Χ				240V	29'	X	+-	Concrete Strain Pole
B4111	3228 14 ST W	1	COBRA			X				240V	29'	Χ	† 	Concrete Strain Pole
B4112	3240 14 ST W	1	COBRA			X				240V	29'	X	† 	Concrete Strain Pole
B4113	3400 BLOCK OF 14 ST W	1	COBRA			Х				240V	29'	Χ	† 	Concrete Strain Pole
B4114	3400 BLOCK OF 14 ST W	1	COBRA			Х				240V	29'	Х	†	Concrete Strain Pole
B4115	3500 BLOCK OF 14 ST W	1	COBRA			Х				240V	29'	Х	†	Concrete Strain Pole
B4116	3506 14 ST W	1	COBRA			X				240V	29'	Х	†	Concrete Strain Pole
B4117	3528 14 ST W	1	COBRA			Х				240V	29'	Х	†	Concrete Strain Pole
B4118	3528 14 ST W	1	COBRA			Х				240V	29'	Х	†	Concrete Strain Pole
B4119	14 ST W @ 36 AVE W	1	COBRA			Х				240V	29'	Х	†	Concrete Strain Pole
B4120	3602 14 ST W	1	COBRA			X				240V	29'	Χ	1	Concrete Strain Pole
B4121	14 ST W @ 37 AVE W	1	COBRA			Х				240V	29'	Χ	†	Concrete Strain Pole
B4122	3710 14 ST W	1	COBRA			Х				240V	29'	Χ	†	Concrete Strain Pole
B4123	3710 14 ST W	1	COBRA			Х				240V	29'	Χ		Concrete Strain Pole
B4124	14 ST W @ 38 AVE W	1	COBRA	1		Х				240V	29'	Χ		Concrete Strain Pole
B4125	3808 14 ST W	1	COBRA			Х				240V	29'	Χ		Concrete Strain Pole
B4126	3908 14 ST W	1	COBRA	1		Х				240V	29'	Χ		Concrete Strain Pole
B4127	14 ST W NORTH OF TIRE CENTER	1	COBRA			Х				240V	29'	Χ		Concrete Strain Pole
B4128	4016 14 ST W	1	COBRA	1		Х				240V	29'	Χ		Concrete Strain Pole
B4129	4016 14 ST W	1	COBRA	1		Χ				240V	29'	Χ	1	Concrete Strain Pole
B4130	4120 14 ST W	1	COBRA			Χ				240V	29'	Χ		Concrete Strain Pole
	Attached to Traffic Signals													
i707NE	SR62 @ CR39	1	HPS				Χ			120V			X	
i1665NE	US41 @ HABEN BLVD	1	HPS				Χ					Χ		
i1665NW	US41 @ HABEN BLVD	1	HPS				Χ					Χ		
i1665SE	US41 @ HABEN BLVD	1	HPS				Χ					Χ		
i1665SW	US41 @ HABEN BLVD	1	HPS	Ī		Î	Χ					Х	1	

POLE NUMBER	LOCATION	QNTY		FIXTURE	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	750 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
i30725NE	301 BLVD @ 15 ST E	1		LED	Х								Χ		
i493SW	53 AVE E @ 9 ST E	1		LED	Χ								Χ		
i493SE	53 AVE E @ 9 ST E	1		LED	Χ								Χ		
i914 NE	US41 @ Florida BLVD	1		HPS				Χ					Χ		
i917NE	US41 @ Bayshore Gardens Pkwy	1		HPS			X						Χ		
i917SE	US41 @ Bayshore Gardens Pkwy	1		HPS				Χ					Χ		
i918NE	US41 @ 60 AVE W	1		HPS				Χ					Χ		
i920NE	US41 @ 57 AVE W	1		HPS				Χ					Χ		
i925NE	US41 @ 49 AVE DR W	1		HPS				Χ					Χ		
i927NE	US41 @ Orlando AVE	1		HPS				X					Χ		
i975NE	8 AVE W @ 5 ST W - City of Palmetto funded	1		COBRA			X						Χ		
i975 SW	8 AVE W @ 5 ST W - City of Palmetto funded	1		COBRA			Χ						Χ		
i978NE	8 AvE W @ 7 ST W - City of Palmetto funded	1		COBRA			Χ						Χ		
i938SW	14 ST W @ 30 AVE W	1		HPS				Χ					Χ		
i938NW	14 ST W @ 30 AVE W	1		HPS				Χ					Χ		
	SR64 @ HAILE MIDDLE	1		LED	Χ								Χ		
	LAKEWOOD RANCH BLVD @ SR70	1		COBRA			X						Χ		
	LAKEWOOD RANCH BLVD @ SR70	1		COBRA			X						Χ		
	LAKEWOOD RANCH BLVD @ SR70	1		COBRA			X						Χ		
	LAKEWOOD RANCH BLVD @ SR70	1		COBRA			X						Χ		
	TOTAL		57												
	SYSTEM LIGHTING														
LC1	1 ST SOUTH OF 27 AVE IN FRONT OF FIRKINS			COBRA				Χ			480V	34'4"	Χ		
1A1 THRU 1A13	NORTH OF 27 AVE TO US301 OVERPASS	13													
1B1 THRU 1B10	SOUTH OF 27 AVE TO 32 AVE	10													
LC2	1 ST NORTH OF 301 BLVD			COBRA				Χ			480V	34'4"	Υ		
2A1 THRU 2A8	FROM LC TO 32 AVE	8		OODIGE				Λ			1001				
2B1 THRU 2B7	FROM LC TO SOUTH OF 301 BLVD	7													
	CORTEZ RD EAST OF 9 ST W	+ -		COBRA				V			400\/	34'4"	V		
LC3				COBRA				Χ			480V	34 4	X		
3A1 THRU 3A8	FROM LC EAST TO MALL	8													
3B1 THRU 3B2	FROM LC WEST TO east of 9 ST W	2													
LC4	CORTEZ RD WEST OF 20 ST W			COBRA				Х			480V	33'8"	Χ		
4A1 THRU 4A10	FROM LC TO west of US41	10													
4B1 THRU 4B15	FROM LC TO 28 ST W	15													
1.05				0000				V			400) (201	V		
LC5	CORTEZ RD WEST OF 87 ST CT W			COBRA				Х			480V	33'	Χ		
	FROM LC TO 75 ST W	29													
5B1 THRU 5B22	FROM LC TO INDEPENDENCE DR	22													

POLE NUMBER	LOCATION		TOTAL	FIXTURE	204	200	250	400	700 WATTS	750	VOLTAGE	HEICHT	EDI	DDE	Notes
		QNII	TOTAL		WATTS	WATTS	WATTS	WATTS	700 WATTS	WATTS				PKE	Notes
	CORTEZ RD WEST OF SARASOTA BAY RV PARK			COBRA				Χ			480V	33'	Χ		
6A1 THRU 6A24	FROM LC TO INDEPENDENCE DR	24													
6B1 THRU 6B 23	FROM LC TO 119 ST W	23													
LC7	CORTEZ BRIDGE EAST SIDE			COBRA			X				480V	33'	X		
7A1 THRU 7 A4	EAST SIDE OF BRIDGE	4													
LC8	CORTEZ BRIDGE WEST SIDE			COBRA			X				480V	33'	Χ		
8A1 THRU 8A8	WEST SIDE OF BRIDGE	8													
LC9	SR64 WEST OF I-75 (REMOVED 5/1/2014)							X					Χ		
9A1 THRU 9A17	FROM LC TO I-75 ON THE NORTH SIDE	0													
9B1 THRU 9B15	FROM LC TO I-75 ON THE SOUTH SIDE	0		REMOVED											
9C1 THRU 9C4	FROM LC TO I-75 ON THE SOUTH SIDE	0													
29 REMOVED	REMAINING LIGHTS WIRED TO NEW LC 87	0													
LC10	US301 SOUTH OF 53 AVE E			COBRA				X			480V	38'8"	X		
	US301 @ 53 AVE E N/E QUADRANT	11													
	US301 @ 53 AVE E S/e QUADRANT	3													
	US301 @ 53 AVE E N/W QUADRANT	11													
	US301 @ 53 AVE E S/w QUADRANT	3													
LC11	US301 @ 63 AVE E N/W CORNER			COBRA				Χ			480V	38'8"	Χ		
	US301 @ 63 AVE E N/W QUADRANT	4													
	US301 @ 63 AVE E S/W QUADRANT	6													
	US301 @ 63 AVE E N/E QUADRANT	4													
	US301 @ 63 AVE E S/E QUADRANT	5													
LC12	US301 @ WHITFIELD AVE			COBRA				Χ			480V	38'8"	Χ		
	N/W QUADRANT	4		002							.001		-		
	S/W QUADRANT	6													
	N/E QUADRANT	4													
	S/E QUADRANT	5													
1201 11110 1200	0/E Q0/10/10/11														
LC13	US301 @ TALLEVAST RD N/W CORNER			COBRA				X			480V	33'	Χ		
	N/W QUADRANT	3		JOBILA				^			700 V		^	\vdash	
	S/W QUADRANT	2												\vdash	
	N/E QUADRANT	2											-	\vdash	
	S/E QUADRANT	2													
פספו טאווו וספו	O/L QUADIANI	3													
LC14	US301 @ UNIVERSITY PKWY N/E CORNER			COBRA				V			480V	33'3"	Y		
LU 14	USSUT W UNIVERSITY PRIVIT IN/E CURNER			CODKA				^			40UV	<i>აა</i> ა	^		

	T T	<u> </u>	1 1				ī	ı	1	750			I	1	
POLE NUMBER	LOCATION	QNTY	TOTAL	FIXTURE	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	750 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
	SOUTH SIDE OF UNIVERSITY WEST OF L/C	7													
	EAST SIDE OF US301 NORTH OF L/C	6													
	EAST SIDE OF US301 NORTH OF L/C	6													
14D1 THRU 14D6	WEST SIDE OF US301 NORTH OFL/C	6													
14E1 THRU 14E5	WEST SIDE OF US301 NORTH OFL/C	5													
LC15	US301 @ UNIVERSITY PKWY S/W CORNER			COBRA				X			480V	33'3"	Χ		
15A1 THRU 15A4	WEST SIDE OF US301 SOUTH OF L/C	4													
15B1 THRU 15B5	EAST SIDE OF US301 SOUTH OF L/C	5													
15C1 THRU 15C3	WEST SIDE OF US301 NORTH OF L/C	3													
15D1 THRU 15D4	EAST SIDE OF US301 NORTH OF L/C	4													
LC18	53 AVE E JUST EAST OF 15 ST E			COBRA			X				480V	34'5"	X		
	FROM LC TO 1200 BLOCK	11													
	FROM LC TO R/R TRACK	8													
1021111101020	THE HEALTH AND THE SELECTION OF THE SELE	Ť													
LC19	53 AVE E 2300 BLOCK			COBRA			X				480V	34'5"	Χ		
	FROM LC TO US301	11		002.00							1001				
	FROM LC TO R/R TRACK	15													
1301 11110 13013	TROWIES TO TOR TRACK	10													
LC20	US19 SOUTH OF 45 ST CT W PALMETTO			COBRA			X				480V	33' 9"	Y		
	FROM LC TO THE 4900 BLOCK WEST SIDE	9		OODIVI			Х				400 V	00 0	^		
	FROM LC TO 49 ST W EAST SIDE	8													
	WEST SIDE OF OVERPASS	9													
	SOUTH OF OVERPASS	6						-							
20D1 111KU 20D0	300111 OF OVERFASS	U													
LC21	US41 @ 45 ST E PALMETTO			COBRA			X				480V	34'	Χ		
	FROM LC TO 49 ST E WEST SIDE	10		COBRA			^				400 V	07	^		
	FROM LC TO THE SOUTH WEST SIDE	10 13													
	FROM LC TO THE SOUTH WEST SIDE														
	FROM LC TO THE NORTH EAST SIDE FROM LC TO THE SOUTH EASTSIDE	10													
2101 1HRU 21012	FROM LC TO THE SOUTH EASTSIDE	12													
1.000	HOAA OOLITH OF HOAD INTEROUNNIE BALMETT			00004			V				400)/	221 01	V		
	US41 SOUTH OF US19 INTERCHANGE PALMETT			COBRA			Х				480V	33' 9"	X		
	FROM LC TO THE NORTH ON WEST SIDE	17													
	FROM LC TO THE SOUTH ON WEST SIDE	16													
	FROM LC TO THE NORTH ON EAST SIDE	11													
22D1 THRU 22D20	FROM THE LC TH THE SOUTH ON EAST SIDE	20													
	US41 SOUTH OF 17 ST E PALMETTO			COBRA			X				480V		Χ		
	FROM LC TO THE SOUTH ON WEST SIDE	5													
23B1 THRU 23B5	FROM LC TO THE SOUTH ON EAST SIDE	5													

				JIIIING IINV	204	200	250	400		750					
POLE NUMBER	LOCATION	QNTY	TOTAL	FIXTURE	WATTS	WATTS	WATTS	WATTS	700 WATTS	WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
LC24	SR70 WEST OF CARUSO RD			TURNPIKE				V			480V	43'8"	X		
	FROM LC TO CARUSO RD	1		TORNEINE				^			400 V	700	^		
	FROM LC TO WEST	4												-	
24D1 1HKU 24D4	PROMICE TO WEST	4													
LC27	SR70 WEST OF 47 ST E			TURNPIKE				X			480V	43'8"	Χ		
	FROM LC TO THE WEST	8		TORNEINE				^			400 V	700	^		
	FROM LC TO THE WEST	8													
2/D1 10KU 2/D0	PROMICE TO THE EAST	0													
LC28	SR70 EAST OF 51 ST E			TURNPIKE				Х			480V	43'8"	Х		
	FROM LC TO THE WEST	9		TOTAL IILE				Λ			100 V		/\		
	FROM LC TO THE EAST	9													
2001 111110 2000	THOM ES TO THE EAST	·													
LC29	SR70 EAST OF BRIDGE ON SOUTH SIDE			TURNPIKE				Χ			480V	43'8"	Χ		
	EAST OF BRADEN RIVER BRIDGE	6													
LC30	SR70 WEST OF PERIDIA BLVD			TURNPIKE				Х			480V	43'8"	Х		
	FROM LC TO THE EAST	10													
	FROM LC TO THE WEST	12													
LC31	SR70 WEST OF 39 ST E			TURNPIKE				Χ			480V	43'8"	Χ		
31A1 THRU 31A9	FROM LC TO THE EAST	9													
LC32	SR70 EAST OF 30 ST E			TURNPIKE				Χ			480V	43'8"	Χ		
32A1 THRU 32A12	FROM LC TO US301	12													
32B1 THRU 32B12	FROM LC TO 34 ST E	12													
												39'10' &			
LC36	US41 NORTH OF PEARL AVE			COBRA			X	Χ			480V	23'8"	Χ		
	FROM LC TO THE NORTH	6													
	FROM LC TO THE NORTH	7													
	FROM LCTO THE SOUTH	11													
36D1 THRU 36D11	FROM LCTO THE SOUTH	11													
LC37	US41 SOUTH OF SUWANEE AVE			COBRA				V			480V	39'10"	V		
	FROM LC TO THE SOUTH	40		COBRA				^			40UV	JJ 10	^		
	FROM LC TO THE SOUTH	13													
	FROM LC TO THE NORTH	4													
	FROM LC TO THE NORTH	8													
סטוג טאווו וטוג	I NOW LO TO THE SOUTH	•												H	
LC49	US301 EAST OF 72 AVE E PALMETTO			TURNPIKE						Y	480V	47'7"	Χ	H	
LU43	00001 EAST OF 12 AVE E FALIVIETTO			IUNINFINE						^	4007	711	^		

### PIPUL MUSER #### PIPUL MOST SUCH SUBE ##### PIPUL MOST SUCH SUBE ####################################						204	200	250	400		750				[
### 14881 FROM LCT OT THE WEST SQUITH SIDE 15	POLE NUMBER	LOCATION	QNTY	TOTAL	FIXTURE					700 WATTS		VOLTAGE	HEIGHT	FPL	PRE	Notes
## ## ## ## ## ## ## ## ## ## ## ## ##			15													
MODITARIU 4909 RROM LC TO THE WEST SOUTH SIDE 8			15													
CS5			8													
SAA1 TRILL SOAD FROMIC TO THE WEST S S S S S S S S S	49D1 TRHU 49D8	FROM LC TO THE WEST SOUTH SIDE	8													
SAA1 TRILL SOAD FROMIC TO THE WEST S S S S S S S S S																
S981 THRU 5088 FROM LC TO THE WEST S985 THRU 5000 FROM LC TO THE WEST S985 THRU 5000 FROM LC TO THE EAST ALTERNATING W/C 12 S985 THRU 5000 FROM LC TO THE EAST ALTERNATING W/C 12 S985 THRU 5000 FROM LC TO THE EAST S985 THRU 5000 FROM LC TO THE WEST S985 THRU 500	LC50				TURNPIKE				X			480V	47'7"	X		
10 10 11 12 12 13 14 15 15 15 15 15 15 15			8													
SOBOTHER USDATI ROM LC TO THE EAST ALTERNATING W/C																
COBRA X 480V 289" X 5181 THRU 61815 FROM LCT OT THE EAST 19 5181 THRU 61815 FROM LCT OT THE EAST 19 5181 THRU 61815 FROM LCT OT THE EAST 19 5181 THRU 61815 FROM LCT OT THE WEST 15 5181 THRU 61815 FROM LCT OT THE WEST 16 5181 THRU 6224 FROM LCT OT THE WEST 23 5181 THRU 6224 FROM LCT OT THE WEST 23 5181 THRU 62321 FROM LCT OT THE WEST 24 5281 THRU 62321 FROM LCT OT THE WEST 21 5181 THRU 62321 FROM LCT OT THE WEST 21 5282 THRU 62321 FROM LCT OT THE WEST 21 5282 THRU 62321 FROM LCT OT THE WEST 21 5282 THRU 62321 FROM LCT OT THE WEST 21 5282 THRU 62321 FROM LCT OT THE WEST 21 5282 THRU 62321 FROM LCT OT THE WEST 21 5282 THRU 62321 FROM LCT OT THE WEST 21 5282 THRU 62321 FROM LCT OT THE WEST 21 5282 THRU 62321 FROM THE LCT OT THE WEST 21 5282 THRU 62321 FROM THE LCT OT THE WEST 21 5282 THRU 62321 FROM THE LCT OT THE WEST 21 5282 THRU 62321 FROM THE LCT OT THE WEST 21 5282 THRU 62321 FROM THE LCT OT THE WEST 21 5282 THRU 62322 FROM THE LCT OT THE WEST 22 5282 THRU 62322 FROM THE LCT OT THE WEST 24 5282 THRU 62322 FROM THE LCT OT THE WEST 24 5282 THRU 62322 FROM THE LCT OT THE WEST 24 5282 THRU 62322 FROM THE LCT OT THE WEST 24 5282 THRU 62322 FROM THE LCT OT THE WEST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT THE EAST 24 5282 THRU 62322 FROM THE LCT OT	50C0 THRU 50C10	FROM LC TO THE EAST ALTERNATING W/ D	11													
61A1 THRU 61A15 FROM LC TO THE EAST 19	50D0THRU 50D11	FROM LC TO THE EAST ALTERNATING W/ C	12													
61A1 THRU 61A15 FROM LC TO THE EAST 19	L C61	CORTEZ RD @ 34 ST W			COBRA			X				480\/	28'9"	X		
61B1 THRU 61B15 FROM LCT OT THE WEST 16 CORTEZ RD 4500 BLOCK WEST 21 COBRA X 480V 28'9' X 5281 THRU 62A21 FROM LCT OT THE EAST 21 SA31 THRU 63A21 FROM LCT OT THE WEST 23 SA31 THRU 63A21 FROM LCT OT THE WEST 21 SA31 THRU 63A21 FROM LCT OT THE WEST 21 SA31 THRU 63A21 FROM LCT OT THE WEST 21 SA31 THRU 63A21 FROM LCT OT THE WEST 21 SA31 THRU 63A21 FROM LCT OT THE WEST 21 SA31 THRU 63A21 FROM LCT OT THE WEST 21 SA31 THRU 63A21 FROM LCT OT THE WEST 21 SA31 THRU 63A31 FROM LCT OT THE WEST 31 SA31 THRU 63A31 FROM LCT OT THE WEST 31 SA31 THRU 63A31 FROM THE LCT OT THE WEST 31 SA31 THRU 63A31 FROM THE LCT OT THE WEST 31 SA31 THRU 63A31 FROM THE LCT OT THE WEST 31 SA31 THRU 63A31 FROM THE LCT OT THE WEST 31 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 FROM THE LCT OT THE WEST 32 SA31 THRU 63A31 THRU			19		OODIVI			Λ				4001		/		
COBRA X																
BEAN THRU 62A21 ROM LC TO THE EAST 21	OIDI IIIKO OIDIO	THOMES TO THE WEST	10													
BEAN THRU 62A21 ROM LC TO THE EAST 21	I C62	CORTEZ RD 4500 BLOCK WEST			COBRA			X				480V	28'9"	X		
COBRA X 480V 289" X 2			21		COBIUT			Λ				1001		^		
COBRA X																
63A1 THRU 63A21 FROM LC TO THE EAST 21	OZDZTTIKO OZDZ+	THOMES TO THE WEST	20													
63A1 THRU 63A21 FROM LC TO THE EAST 21	LC63	CORTEZ RD @ 59 ST W			COBRA			X				480V	28'9"	X		
63B1 THRU 63B16 FROM LC TO THE WEST 16 COBRA X 480V 28'9" X 64A1 THRU 64B16 FROM THE LC TO THE EAST 16 COBRA X 480V 28'9" X 64A1 THRU 64B16 FROM THE LC TO THE WEST 15 COBRA X 480V 33'10" X 65A1 THRU 65B24 FROM THE LC TO THE WEST 24 COBRA X 480V 33'10" X 65A1 THRU 65B24 FROM THE LC TO THE EAST 24 COBRA X 480V 33'10" X 65B1 THRU 65B24 FROM THE LC TO THE EAST 24 COBRA X 480V 40'10" X 65B1 THRU 65B24 FROM THE LC TO THE EAST 24 COBRA X 480V 40'10" X 65B1 THRU 66B2 WEST SIDE OF 1 STREET AROUND CURVE 7 66B1 THRU 66B6 WEST SIDE OF 1 STREET AROUND CURVE 6 COBRA X 480V 23'9" X 67A1 THRU 67B20 FROM LC GOING EAST AND WEST ON NORTH SII 20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 240'480 43'3" X 64'3" X 65B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 240'480 43'3" X 65B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 240'480 43'3" X 65B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 240'480 43'3" X 65B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 240'480 43'3" X 65B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 240'480 43'3" X 65B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 240'480 43'3" X 65B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 240'480 43'3" X 65B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 64B0V 43'3" X 65B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 64B0V 43'3" X 64B0V 43'3" X 64B0V 43'3" X 65B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20 COBRA X 64B0V 43'3"			21		CODICT			Λ				1001		^		
CORTEZ RD 6900 BLOCK WEST																
64A1 THRU 64A16 FROM THE LC TO THE EAST 16	COBT THIC COBTO	THOM LOTO THE WEST	10													
64B1 THRU 64B15 FROM THE LC TO THE WEST 15 COBRA X X 480V 33°10" X 65A1 THRU 65A24 FROM THE LC TO THE WEST 24 SA1 THRU 65B24 FROM THE LC TO THE WEST 24 SA1 THRU 65B24 FROM THE LC TO THE EAST 24 SA1 THRU 65B24 FROM THE LC TO THE EAST 24 SA1 THRU 65B24 FROM THE LC TO THE EAST 25 SA1 THRU 65B24 FROM THE LC TO THE EAST 25 SA1 THRU 65B24 FROM THE LC TO THE EAST 26 SA1 THRU 65B24 FROM THE LC TO THE EAST 27 SA1 THRU 65B24 FROM THE LC TO THE EAST 27 SA1 THRU 65B24 FROM THE LC TO THE EAST 28 SA1 THRU 65B24 FROM THE LC TO THE EAST 29 SA1 THRU 65B24 FROM THE LC TO THE EAST 29 SA1 THRU 65B24 FROM THE LC TO THE EAST 29 SA1 THRU 65B24 FROM THE LC TO THE WEST 29 SA1 THRU 65B24 FROM THE LC TO THRU 65B24 F	LC64	CORTEZ RD 6900 BLOCK WEST			COBRA			X				480V	28'9"	Χ		
LC65 SR64 @ GRAND HARBOUR PKWY COBRA X 480V 33°10" X 65A1 THRU 65A24 FROM THE LC TO THE WEST 24 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	64A1 THRU 64A16	FROM THE LC TO THE EAST	16													
65A1 THRU 65A24 FROM THE LC TO THE WEST 24	64B1 THRU 64B15	FROM THE LC TO THE WEST	15													
65A1 THRU 65A24 FROM THE LC TO THE WEST 24																
65B1 THRU 65B24 FROM THE LC TO THE EAST 24	LC65	SR64 @ GRAND HARBOUR PKWY			COBRA				Χ			480V	33'10"	Χ		
LC66			24													
66A1 THRU 66A7	65B1 THRU 65B24	FROM THE LC TO THE EAST	24													
66A1 THRU 66A7																
66B1 THRU 66B6 WEST SIDE OF 1 STREET AROUND CURVE 6	LC66				COBRA				Х			480V	40'10"	X		
LC67 US41 @ CORTEZ RD MONGOOSE X X 480V 23'9" X 67A1 THRU 67A20 FROM LC GOING EAST AND WEST ON NORTH SI 20 S S S S S S S S S S S S S S S S S S			7													
67A1 THRU 67A20 FROM LC GOING EAST AND WEST ON NORTH SI 20	66B1 THRU 66B6	WEST SIDE OF 1 STREET AROUND CURVE	6													
67A1 THRU 67A20 FROM LC GOING EAST AND WEST ON NORTH SI 20	I C67	US41 @ CORTEZ RD	-		MONGOOSE				X			480\/	23'9"	X		
67B1 THRU 67B20 FROM LC GOING EAST AND WEST ON SOUTH SII 20			20						· ·			100 v				
LC74 SR64 just west of Pope Rd COBRA X 240/480 43'3" X																
	5. B. 1111(0 01 B20		1 -													
	LC74	SR64 just west of Pope Rd			COBRA				X			240/480	43'3"	Χ		
		south side of SR64 from LC west to 117 ST E	10		CODIVI							210/700		, \		

	1		1711	JIIIING IIN				ı			1		1		
POLE NUMBER	LOCATION	QNTY	TOTAL	FIXTURE	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	750 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
	south side of SR64 from LC east to Rye Rd	11													
	south side of SR64 from LC west to 117 ST E	11													
74D1 thru 74D11	south side of SR64 from LC east to Rye Rd	11													
LC75	SR64 JUST WEST OF LORRAINE RD			COBRA				Χ			240/480	43'3"		X	
75A1 thru 75A9	south side of SR64 from LC west to Rye Rd	9													
	south side of SR64 from LC East to 15040 SR64	10													
	south side of SR64 from LC west to Rye Rd	9													
75D1 thru 75D10	south side of SR64 from LC East to 15040 SR64	10													
LC77	SR64 @ WEST OF HAILE MIDDLE SCHOOL			COBRA				X			240/480	43'3"	Χ		
	North side of SR64 from LC to the west	10													
	South side of SR64 from LC to the west	10													
	North side of SR64 from LC to the east	10													
77D1 THRU 77D9	South side of SR64 from LC to the east	9													
LC78	SR64 @ LAKEWOOD RANCH BLVD WEST L/C			COBRA				X			240/480	43'3"	Χ		
78A1 THRU 78A9	north side of SR64 from LC to the west	9													
	south side of SR64 from LC to the west	9													
	north side of SR64 from LC to the east	11													
78D1 THRU 78D12	south side of SR64 from LC to the east	12													
	US301 -PARRISH - SOUTH OF HARRISON RANCH			TURNPIKE				X			240/480	47'7"			
	FROM LC WEST ON SOUTH SIDE OF US301	19													
	FROM LC WEST ON SOUTH SIDE OF US301	18		SPECIAL					X			12'			
	FROM LC EAST ON US301	12													
83D5 THRU 83D11	FROM LC EAST ON US301	11													
LC84	US301 -PARRISH - NORTH OF 116 AVE EAST			TURNPIKE				Χ			240/480	47'7"			
	FROM LC WEST ON SOUTH SIDE OF US301	11													
	FROM LC WEST ON SOUTH SIDE OF US301	11													
	FROM LC EAST ON SOUTH SIDE OF US301	11													
84D1 THRU 84D12	FROM LC EAST ON SOUTH SIDE OF US301	12													
LC85	US301 - PARRISH - SOUTH OF CR 675			TURNPIKE				X			240/480	47'7"			
	FROM LC WEST ON SOUTH SIDE OF US301	9													
85B1 THRU 85B9	FROM LC WEST ON SOUTH SIDE OF US301	9													
	SR 64 @ 60 ST E			COBRA				Χ			240/480	43'3"	Χ		
	FROM LC WEST ON SOUTH SIDE OF SR64	23													
87B1 THRU 87B23	FROM LC WEST ON NORTH SIDE OF SR64	23													

POLE NUMBER	LOCATION	QNTY	TOTAL	FIXTURE	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	750 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
87C1 THRU 87C16	FROM LC EAST ON SOUTH SIDE OF SR64	15													
87D1 THRU 87D14	FROM LC EAST ON NORTH SIDE OF SR64	14													
LC 93	US 41 / MOCCASIN WALLOW RD			COBRA				Χ			240/480	38'4"	X		
93A1 THRU 93A12	FROM LC TO NORTH ON BOTH SIDES OF ROAD	12													
	TOTAL		1,369												

TOTALS- FDOT OWNED	
STAND ALONE LIGHTING	3
14 STREET WEST LIGHTING	29
TRAFFIC SIGNAL LIGHTING	25
SYSTEM LIGHTING	1,369
GRAND TOTAL	1,426

POLE	1		AT LIGHT	100	150	204	200	250	400	700				Ī	
NUMBER	LOCATION	QNTY	FIXTURE	WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes						
	stand alone locations														
100	5 ST E @ 57 AVE E SW CORNER	1	LED			Х					120V	25'	Χ		Concrete Strain Pole
101	5 ST E @ 61 AVE E NW CORNER	1	LED			X					120V	30'5"	Χ		Concrete Strain Pole
102	60 AVE E @ 1 ST E SW CORNER	1	LED			X					120V	29'	Χ		Concrete Strain Pole
103	61 AVE E @ 9 ST E SE CORNER	1	LED			X					120V	34'10"	Χ		Concrete Strain Pole
105	END OF EL CONQUISTADOR PKWY	1	LED			X					120V	32'11"	Χ		Concrete Strain Pole
106	9 ST W @ 65 AVE W	1	LED			X					120V	30'11"	Χ		Concrete Strain Pole
107	COUNTRY OAKS BLVD @ CYPRESS LAKES DR	1	LED			X					120V	30'8"	Χ		Concrete Strain Pole
108	27 ST E @ 38 AVE E	1	LED			X					120V	29'11"	Χ		Concrete Strain Pole
109	31 ST E @ 38 AVE E	1	LED			X					120V	34'2"	Χ		Concrete Strain Pole
111	9 ST E @ 37 AVE E	1	LED			Χ					120V	24'8"	Χ		Concrete Strain Pole
112	5 ST W @ 27 AVE W	1	LED			X					120V	26'6"	Χ		Concrete Strain Pole
117	PALM VIEW RD @ US41	1	LED			X					120V	35'	Χ		Concrete Strain Pole
118	56 AVE W @ 28 ST W	1	LED			X					120V	29'2"	Χ		Concrete Strain Pole
119	56 AVE W @ 27 ST W	1	LED			X					120V	29'4"	Χ		Concrete Strain Pole
120	45 ST W @ 13 AVE W	1	LED			X					120V	20'8"	Χ		Wood Pole
123	7 AVE DR W @ 59 ST W	1	LED			X					120V	34'4"	Χ		Concrete Strain Pole
124	END OF PINEY POINT RD	1	LED			X					120V	35'10"	Χ		Concrete Strain Pole
125	PALMA SOLA BLVD @ ALHAMBRA	1	LED			X					120V	32'4"	Χ		Concrete Strain Pole
128	51 ST W @ 50 AVE W	1	LED			X					120V	24'9"	Χ		Concrete Strain Pole
129	51 ST W @ END OF GUARD RAIL	1	LED			X					120V	24'10"	Χ		Concrete Strain Pole
130	51 ST W @ 52 AVE W	1	LED			X					120V	25'	Χ		Concrete Strain Pole
131	43 ST W @ 45 ST W	1	LED			X					120V	25'	Χ		Concrete Strain Pole
132	43 ST W @ 52 PL W	1	LED			X					120V	24'9"	Χ		Concrete Strain Pole
133	WHITFIELD AVE EXT @ OLD FARM RD	1	LED			X					120V	23'7"	Χ		Concrete Strain Pole
134	WHITFIELD AVE EXT @ OLD FARM RD	1	LED			X					120V	24'5"	Χ		Concrete Strain Pole
135	WHITFIELD AVE EXT @ TIMBERLAKE DR	1	LED			X					120V	25'	X		Concrete Strain Pole
136	WHTFIELD AVE EXT @ TIMBERLAKE DR	1	LED			Χ					120V	24'7"	Χ		Concrete Strain Pole
137	WHITFIELD AVE EXT @ GARDENS DR	1	LED			Χ					120V	25'3"	Χ		Concrete Strain Pole
138	WHITFIELD AVE @ 43 CT E	1	LED			Χ					120V	25'	X		Concrete Strain Pole
139	UPPER MANATEE RIVER RD @ RYE RD	1	LED			Χ					120V	23'6"	X		Concrete Strain Pole
140	53 AVE W @ 75 ST W S/E CORNER	1	LED			Χ					120V	24'	Χ		Concrete Strain Pole
141	53 AVE W @ 75 ST W N/W CORNER	1	LED			X					120V	36'5"	X		Concrete Strain Pole
142	TALLEVAST RD @ 9 ST E S/E CORNER	1	LED			Χ					120V	26'	X		Concrete Strain Pole
143	5 ST E @ 59 AVE E N/W CORNER	1	LED			Χ					120V	24'3"	Χ		Concrete Strain Pole
144	63 AVE E @ 9 ST E N/W CORNER	1	LED			Χ					120V	25'	Χ		Concrete Strain Pole
145	University Pkwy @ Conservatory Dr	1	LED			X					120V	30'10"	X		Concrete Strain Pole
	Holiday Heights Subdivision														
HH1	18 ST W @ 46 AVE DR W (HOLIDAY HEIGHTS)	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH2	4616 18 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole

	<u> </u>	TOADII	AT LIGHT									I	Ī		
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
HH3	47 AVE DR W @ 18 ST W	1	LED			Х					120V	29"	Χ		Concrete Strain Pole
HH4	48 AVE DR W @ 18 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH5	4806 18 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH6	18 ST W @ 49 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH7	4909A 18 ST W	1	LED			Х					120V	29"	Χ		Concrete Strain Pole
HH8	5004 18 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH9	5009B 18 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH10	18 ST W @ 51 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH11	5108 18 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH12	5115 18 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH13	18 ST W @ 52 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH14	5203 52 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH15	19 ST W @ 46 AVE DR W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH16	4609 19 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH17	19 ST W @ 47 AVE DR W	1	LED			Х					120V	29"	Χ		Concrete Strain Pole
HH18	19 ST W @ 48 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH19	4806 19 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH20	19 ST W @ 49 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
	4907B 19 ST W	1	LED			Х					120V	29"	Χ		Concrete Strain Pole
HH22	5000 19 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH23	5007 19 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH24	19 ST W @ 51 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH25	5108 19 ST W	1	LED			Х					120V	29"	Χ		Concrete Strain Pole
HH26	5115 19 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH27	5202 19 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH28	19 ST W @ 52 AVE W	1	LED			Х					120V	29"	Χ		Concrete Strain Pole
HH29	4431 20 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH30	4514A 20 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH31	4519 20 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH32	20 ST W @ 46 AVE DR W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH33	4610 20 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH34	20 ST W @ 47 AVE DR W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH35	20 ST W @ 48 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH36	4805B 20 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH37	20 ST W @ 49 AVE W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH38	4905 20 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH39	5004 20 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH40	5012 20 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH41	20 ST W @ 51 AVE W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH42	5106 20 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH43	5112 20 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole

		NOADII	AT LIGHT					ī	ı			T	T	I .	
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
HH44	5121 20 ST W	1	LED			Х					120V	29"	Х		Concrete Strain Pole
HH45	20 ST W @ 52 AVE W	1	LED			Х					120V	29"	Х		Concrete Strain Pole
HH46	5216 20 ST W	1	LED			Х					120V	29"	Х		Concrete Strain Pole
HH47	21 ST W @ 46 AVE DR W	1	LED			Х					120V	29"	Х		Concrete Strain Pole
HH48	4611 21 ST W	1	LED			Х					120V	29"	Х		Concrete Strain Pole
HH49	21 ST W @ 47 AVE DR W'	1	LED			X					120V	29"	Х		Concrete Strain Pole
HH50	21 ST W @ 48 AVE W	1	LED			X					120V	29"	Х		Concrete Strain Pole
HH51	4809 21 ST W	1	LED			Х					120V	29"	Χ		Concrete Strain Pole
HH52	21 ST W @ 49 AVE W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH53	4909 21 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH54	5004 21 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH55	5011 21 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH56	21 ST W @ 51 AVE W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH57	5106 21 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH58	5115 21 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH59	5119 21 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH60	2020 52 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH61	WEST OF 20 ST W ON 52 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH62	22 ST W @ 47 AVE DR W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH63	22 ST W @ 48 AVE W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH64	4808 22 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH65	22 ST W @ 49 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH66	4908 22 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH67	5003 22 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH68	5012 22 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH69	51 AVE W @ 22 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH70	48 AVE W @ 23 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH71	4807 23 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH72	23 ST W @ 49 AVE W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH73	4910 23 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH74	5006 23 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH75	5011 23 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole
HH76	23 ST W @ 51 AVE W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH77	2209 47 AVR DR W	1	LED			Χ					120V	29"	X		Concrete Strain Pole
HH78	24 ST W @ 47 AVE DR W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH79	24 ST W @ 48 AVE W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH80	4807 24 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH81	24 ST W @ 49 AVE W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH82	2311 49 AVE W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH83	4910 24 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH84	5003 24 ST W	1	LED			X					120V	29"	X		Concrete Strain Pole

		<u>OADII</u>	AY LIGHT	110 1111		0001	11 0111						_		
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
HH85 5	5010 24 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH86 5	5016 24 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH87 2	2506 47 AVE DR W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH88 2	2505 48 AVE W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH89 4	48 AVE W @ 25 ST W	1	LED			Х					120V	29"	Χ		Concrete Strain Pole
HH90 4	4805 25 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH91 4	49 AVE W @ 25 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH92 4	49 AVE W EAST OF 26 ST W	1	LED			Х					120V	29"	Χ		Concrete Strain Pole
HH93 4	47 AVE DR W @ 26 ST W	1	LED			X					120V	29"	Χ		Concrete Strain Pole
HH94	48 AVE W @ 26 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
HH95	49 AVE W @ 26 ST W	1	LED			Χ					120V	29"	Χ		Concrete Strain Pole
	Attached to Traffic Signals														
i15420SW 9	9 ST E @ 13 AVE E	1	COBRA							Χ			Χ		
i15432SW	301 BLVD @ 9 ST E	1	LED			X							Χ		
i15432NW	301 BLVD @ 9 ST E	1	LED			X							Χ		
i15432NE	301 BLVD @ 9 ST E	1	LED			X							Χ		
i15432SE	301 BLVD @ 9 ST E	1	LED			X							Χ		
i15489NE 4	43 ST W @ 9 AVE W	1	LED			Χ							Χ		
i15493NE	39 ST W @ 9 AVE W	1	LED			X							Χ		
i15600NW 5	59 ST W @ 11 AVE W	1	LED			X							Χ		
i15600SW 5	59 ST W @ 11 AVE W	1	LED			Χ							Χ		
i15794NW	59 ST W @ 17 AVE W	1	LED			Х							Χ		
i16074SE 2	26 ST W @ BAYSHORE GARDENS PKWY	1	LED			Х							Χ		
i16074NW 2	26 ST W @ BAYSHORE GARDENS PKWY	1	LED			Х							Х		
i16078SE	53 AVE W @ 26 ST W	1	COBRA						X				Χ		
i16108SW 9	9 ST E @ 26 AVE E	1	LED			X							Χ		
i16112NW 2	26 AVE E @ 27 ST E	1	LED			X							Χ		
i16199NW 9	9 ST E @ 30 AVE E	1	LED			X							Χ		
i16296SW 3	34 ST W @ BAYSHORE GARDENS PKWY	1	LED			X							Χ		
i16296NW 3	34 ST W @ BAYSHORE GARDENS PKWY	1	LED			X							Χ		
i16297SW	34 ST W @ 53 AVE W	1	LED			Х							Χ		
i16297NW 3	34 ST W @ 53 AVE W	1	LED			X							Χ		
i16307SW	34 ST W @ BAYSHORE HIGH	1	LED			Χ							Χ		
	34 ST W @ BAYSHORE HIGH	1	LED			Χ							Χ		
	34 ST W @ 57 AVE W	1	LED			Χ							Χ		
	34 ST W @ 57 AVE W	1	LED			Χ							Χ		
i16878NE	75 ST W @ 18 AVE W	1	LED			Χ							Χ		
	75 ST W @ 18 AVE W	1	LED			Χ							Χ		
i18885SW 3	34 ST W @ 60 AVE W	1	LED			Χ							Χ		
i18885NW	34 ST W @ 60 AVE W	1	LED			Χ							X		

	<u> </u>	CADV	AY LIGHT	ING INV	ENTORI	- COUN	III OVVI								
POLE	LOCATION	QNTY	FIXTURE	100	150	204	200	250	400	700	VOLTAGE	HEIGHT	EDI	DDE	Notes
NUMBER	LOCATION	QIVII	FIXTURE	WATTS	WATTS	WATTS	WATTS	WATTS	WATTS	WATTS	VOLTAGE	HEIGHT	FFL	FKE	Notes
i19275NW	53 AVE W @ 20 ST W	1	LED			Х							Χ		
i19275SE	53 AVE W @ 20 ST W	1	LED			Х							Χ		
i19300SE	53 AVE W @ 36 ST W	1	LED			X							Χ		
i19300SW	53 AVE W @ 36 ST W	1	LED			Х							Χ		
i19300 NE	53 AVE W @ 36 ST W	1	LED			Х							Χ		
i19300NW	53 AVE W @ 36 ST W	1	LED			X							Χ		
i19305NW	53 AVE W @ 66 ST W	1	LED			X							Χ		
i19540NE	75 ST W @ 29 AVE W	1	LED			X							Χ		
i19540SE	75 ST W @ 29 AVE W	1	LED			X							Χ		
i20050SE	University Pwky @ Lakewood Ranch Blvd	1	LED			X								Χ	
i20050SW	University Pwky @ Lakewood Ranch Blvd	1	LED			X								Χ	
i20050NW	University Pwky @ Lakewood Ranch Blvd	1	LED			X								Χ	
i20050NE	University Pwky @ Lakewood Ranch Blvd	1	LED			Χ								X	
i23353SE	26 ST W @ 60 AVE W	1	LED			X							Χ		
i30629SE	53 AVE W @ 43 ST W	1	LED			X							Χ		
i30629SW	53 AVE W @ 43 ST W	1	LED			X							Χ		
i30629NW	53 AVE W @ 43 ST W	1	LED			Χ							Χ		
i30629NE	53 AVE W @ 43 ST W	1	LED			Χ							Χ		
i37346NW	University PKWY @ MARKET ST	1	COBRA						X					Χ	
i37346SW	University PKWY @ MARKET ST	1	COBRA						X					Χ	
i37346NE	University PKWY @ MARKET ST	1	COBRA						X					Χ	
i37807SE	University Pkwy @ Town Center Pkwy	1	COBRA						Χ					Χ	
i37807SW	University Pkwy @ Town Center Pkwy	1	COBRA						X					Χ	
i37807NE	University Pkwy @ Town Center Pkwy	1	COBRA						X					Χ	
i37807NW	University Pkwy @ Town Center Pkwy	1	COBRA						Χ					Χ	
i525NW	Ellenton Gillette Rd @ 17 ST E	1	COBRA						X					Χ	
i16230SW	9 ST W @ 30 AVE W	1	COBRA						X				Χ		
i16230NE	9 ST W @ 30 AVE W	1	COBRA						X				Χ		
i30794SE	University Pkwy @ Legacy Blvd	1	COBRA						X					Χ	
i30794SW	University Pkwy @ Legacy Blvd	1	COBRA						X					X	
i30794NW	University Pkwy @ Legacy Blvd	1	COBRA						X					X	
i30794NE	University Pkwy @ Legacy Blvd	1	COBRA						X					X	
i889SE	301 BLVD @ 9 ST EXT.	1	LED			Χ							Χ		
i889NW	301 BLVD @ 9 ST EXT.	1	LED			Χ							Χ		
i17186NW	301 BLVD @ 3 ST W	1	LED			Χ							Χ		
i8200	Lakewood Ranch Blvd @ Natures Way	1	COBRA						Χ					X	
	Lakewood Ranch Blvd @ Natures Way	1	COBRA						Х					X	
	Lakewood Ranch Blvd @ Natures Way	1	COBRA						X					X	
	Lakewood Ranch Blvd @ Natures Way	1	COBRA						X					X	
	LAKEWOOD RANCH BLVD @ 44 AVE E	1	LED			Χ								X	
	LAKEWOOD RANCH BLVD @ 44 AVE E	1	LED			Χ								X	

		1		T	ī				1	I		1			
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
	LAKEWOOD RANCH BLVD @ 44 AVE E	1	LED			X								X	
	LAKEWOOD RANCH BLVD @ 44 AVE E	1	LED			Х								Χ	
	LAKEWOOD RANCH BLVD @ MAIN STREET	1	COBRA						Χ					Χ	
	LAKEWOOD RANCH BLVD @ MAIN STREET	1	COBRA						Χ					Χ	
	LAKEWOOD RANCH BLVD @ MAIN STREET	1	COBRA						Χ					Χ	
	LAKEWOOD RANCH BLVD @ MAIN STREET	1	COBRA						Χ					Χ	
	UNIVERSITY PKWY @ LORRAINE RD	1	COBRA						Χ					Χ	
	UNIVERSITY PKWY @ LORRAINE RD	1	COBRA						X					Χ	
	UNIVERSITY PKWY @ LORRAINE RD	1	COBRA						X					X	
	UNIVERSITY PKWY @ LORRAINE RD	1	COBRA						X					X	
NE	LOCKWOOD RIDGE RD @ WAL MART	1	COBRA						Χ				X		
SE	LOCKWOOD RIDGE RD @ WAL MART	1	COBRA						Χ				Χ		
	HONORE AVE @ COMMERCE PARK ENT.	1	HPS					Х					Χ		
	HONORE AVE @ COMMERCE PARK ENT.	1	HPS					X					Χ		
	HONORE AVE @ COMMERCE PARK ENT.	1	HPS					Х					Χ		
	HONORE AVE @ COMMERCE PARK ENT.	1	HPS					X					Χ		
SW	59TH ST WEST @ 21ST AVE WEST	1	COBRA						X						
	LORRAINE RD @ GREENBROOK BLVD	1	COBRA					Χ							
	LORRAINE RD @ GREENBROOK BLVD	1	COBRA					Х							
	LORRAINE RD @ GREENBROOK BLVD	1	COBRA					X							
	LORRAINE RD @ GREENBROOK BLVD	1	COBRA					X							
SW	CARUSO RD @ BRADEN RIVER HIGH	1	COBRA					Χ							
NE	CARUSO RD @ BRADEN RIVER HIGH	1	COBRA					Х							
NW	15TH ST E @ 26TH AVE EAST	1	LED			X									
SW	15TH ST E @ 26TH AVE EAST	1	LED			Χ									
	LAKEWOOD RANCH BLVD @ RANGELAND	1	LED			X									
	LAKEWOOD RANCH BLVD @ RANGELAND	1	LED			X									
	LAKEWOOD RANCH BLVD @ RANGELAND	1	LED			X									
	LAKEWOOD RANCH BLVD @ RANGELAND	1	LED			X									
	SYSTEM LIGHTING														
LC16	59 ST W SOUTH OF 15 AVE W		COBRA						Х		480V	35'9"	Χ		
16A1 THRU		1		1				1	1						
16A9	59 ST W FROM 8 AVE DR W TO SOUTH	9													
16B1 THRU															
16B11	59 ST W FROM 17AVE W TO SOUTH	11													
LC17	59 ST W NORTH OF 36 AVE W		COBRA								400\/	40'	V		
17A1 THRU	DS ST W NORTH OF 30 AVE W		COBKA						^		480V	40'	Х		
17A111110	FROM LC TO THE NORTH	11													

2015			ATLIGHT					ī	T 400						
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
17B1 THRU 17B11	FROM LC TO THE SOUTH	11													
LC25	VACANT														
LC25 LC26	VACANT														
	VACART														
LC33	LAKEWOOD RANCH BLVD SOUTH OF SR64		LED			Χ					240/480	38'11"	Χ		
33A1 THRU 33A11	LAKEWOOD RANCH BLVD S OF SR64 WEST SIDE	11													
33B1 THRU 33B10	LAKEWOOD RANCH BLVD S OF SR64 WEST SIDE	10													
33C1 THRU 33C10	LAKEWOOD RANCH BLVD S OF SR64 EAST SIDE	10													
33D1 THRU 33D12	LAKEWOOD RANCH BLVD S OF SR64 EAST SIDE	12													
LC34	LAKEWOOD RANCH BLVD N OF HIGH SCHOOL		LED			X					240/480	38'2"		Χ	
34A1 THRU 34A7	LAKEWOOD RANCH BLVD EAST SIDE	7													
34B1 THRU 34B10	LAKEWOOD RANCH BLVD WEST SIDE	10													
34C1 THRU 34C9	LAKEWOOD RANCH BLVD EAST SIDE	9													
34D1 THRU 34D5	LAKEWOOD RANCH BLVD WEST SIDE	5													
LC35	LAKEWOOD RANCH BLVD S OF HIGH SCHOOL		LED			X					240/480	38'2"		Χ	
35A1 THRU 35A8 35B1 THRU	LAKEWOOD RANCH BLVD WEST SIDE	8													
35B9 35C1 THRU	LAKEWOOD RANCH BLVD WEST SIDE	9													
35C9 35D1 THRU	LAKEWOOD RANCH BLVD EAST SIDE	9													
35D1 THRU 35D9	LAKEWOOD RANCH BLVD EAST SIDE	9													
LC38 38A1 THRU	75 ST W SOUTH OF 29 AVE W		LED			X					480V	29'2"	Χ		
38A16	FROM LC TO THE NORTH	16													
38B1 THRU 38B17	FROM LC TO THE SOUTH	17													
										<u> </u>					

1		NOADW	AY LIGHT	140 1144		- 0001	III OVVI								
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
LC39	9 STREET EAST NORTH OF 9 AVE E		TURNPIKE						Χ		120/240	43'4"	Χ		
39A1 THRU		1													
39A3	WEST SIDE OF 9 ST E	3													
39B1 THRU															
39B2	WEST SIDE OF 9 ST E	2													
		1													
LC40	9 STREET EAST SOUTH OF 13 AVE E		TURNPIKE						X		480V	43'4"	X		
40A1 THRU															
40A3	WEST SIDE OF 9 ST E NORTH OF LC	3													
40B1 THRU															
40B4	WEST SIDE OF 9 ST E NORTH OF LC	4													
40C1 THRU															
40C4	WEST SIDE OF 9 ST E SOUTH OF LC	4													
40D1 THRU		1													
40D4	WEST SIDE OF 9 ST E SOUTH OF LC	4													
LC41	9 STREET EAST NORTH OF 23 AVE E		TURNPIKE						X		480V	43'4"	Χ		
41A1 THRU	3 GINEET ENGT NORTH OF 23 AVE E		TORTAL						Λ		400 V	707	^		
41A4	WEST SIDE OF 9 ST E NORTH OF LC	4													
	WEST SIDE OF 3 STE NORTH OF ES														
LC42	45 ST E SOUTH OF 55 AVE DR E		COBRA						Y		240/480	38'10"	Χ		
42A1 THRU	43 31 E 303 111 31 33 AVE BICE	+	CODICA						^		240/400	30 10	^		
42A7	FROM LC TO SR70 ON WEST SIDE	7													
42B1 THEU	TROWES TO SILVE SIN WEST SIDE	- '													
42B8	FROM LC TO SR70 ON EAST SIDE	8											×		
1230	TROWES TO SILTO SIL ENST SIDE												^		
LC43	45 STREET EAST SOUTH OF 56 AVE TERR E	+	COBRA						Y		240/480	38'10"	Χ		
43A1 THRU	43 STREET EAST SOOTH OF 30 AVE TERRE	+	COBIA						^		240/400	30 10	^		
43A13	FROM LC TO 56 AVE TERR E	13													
43B1 THRU	TROWECTO 30 AVE TERRE	13													
43B14	FROM LC TO THE SOUTH	14													
10511	TROWLE TO THE SOOTH	14													
LC44	45 ST E NORTH OF WHITFIELD AVE		COBRA						V		240/480	38'10"	X		
44A1 THRU	40 01 E NORTH OF WHITFIELD AVE		CODRA						^		Z4U/40U	30 10	^		
44A1 111K0 44A14	EDOM I C TO THE NORTH	14													
44B1 THRU	FROM LC TO THE NORTH	14													
44B13	EDOM I C TO THE SOUTH	40													
77010	FROM LC TO THE SOUTH	13													
LC45	AF CIDELL LACT COUTLY OF 74 AVE F	+	CODDA						V		240/400	2014.011	V		
45A1 THRU	45 STREET EAST SOUTH OF 74 AVE E		COBRA						^		240/480	38'10"	Х		
45A1 1HRU 45A14	EDOM I C TO THE NORTH	1 ,													
43A14	FROM LC TO THE NORTH	14													

DOL E	T	T	AT LIGHT					ī	400	700					
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
45B1 THRU 45B9	EDOM LO TO THE COUTH	0													
4509	FROM LC TO THE SOUTH	9													
LC46	45 STREET EAST SOUTH OF VINTAGE DR		COBRA				Χ				240/480	18'7"	Χ		
46A1 THRU															
46A11 46B1 THRU	FROM LC TO THE NORTH	11													
46B19	FROM LC TO SOUTH OF UNIVERSITY PKWY	19													
102.0	TROWLE TO GOOTH OF ORIVERONT TRAVE	10													
LC47	VACANT														
I C 40	OA OTDEET WEST NODTH OF 50 AVE W		00004						V		400)/	0.4101	V		
LC48 48A1 THRU	34 STREET WEST NORTH OF 59 AVE W		COBRA						Χ		480V	34'2"	Х		
48A9	FROM LC TO THE NORTH	9													
48B1 THRU															
48B13	FROM LC TO THE SOUTH	13													
LC51	63 AVE EAST @ 9 STREET EAST		COBRA						X		480V	38'8"	X		
51A1 THRU	SO THE END OF STREET END		OODIV						Λ		100 V	000			
51A16	FROM LC TO THE EAST	16													
51B1 THRU 51B9	FROM LC TO THE WEST	q													
3123	PROMILE TO THE WEST	9													
LC52	63 AVE W @ 5 ST W		COBRA						Χ		480V	38'8"	Χ		
52A1 THRU	EDOM LO TO THE EAST	4.0													
52A16 52B1 THRU	FROM LC TO THE EAST	16													
52B20	FROM LC TO THE WEST	20													
LC53 53A1 THRU	75 ST W @ 29 AVE W		COBRA	Х							120V	29'7"	Χ		
53A1 THRU 53A4	29 AVE W FROM 75 ST W TO 72 ST CT W	4													
	257WE WTROM756T W 16726T 6T W														
LC54	71 ST W SOUTH OF 29 AVE W		COBRA	Х							120V	29'	Χ		
	20 AVE W EDOM 74 CT W TO 72 CT W														
04/10	23 AVE W FROW / 1 31 W 10 /2 31 W	3													
LC55	SR64 @ 60 ST CT E		LED			Х					480V	38'8"	Χ		
55A1 THRU															
	FROM LC TO THE NORTH	27													
55B28	FROM LC TO THE NORTH	26													
54A1 THRU 54A3 LC55 55A1 THRU 55A27 55B1 THRU	71 ST W SOUTH OF 29 AVE W 29 AVE W FROM 71 ST W TO 72 ST W SR64 @ 60 ST CT E FROM LC TO THE NORTH	27	LED	X		X									

		OADW	AY LIGHT	IIVO IIVV		- 0001	III OVVI	ILU							
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
LC56	US301 @ TALLEVAST RD		COBRA				X				120V	18'7"	X		
56A1 THRU															
56A3	FROM JUST EAST OF US301 EAST TO R/R TRACKS	3													
56B1	CORNER US301 2 TALLEVAST RD	1													
LC57	3131 TALLEVAST RD		COBRA				X				480V	18'7"	X		
57A1 THRU															
57A9	FROM LC EAST TO 27 ST E	9													
57B1 THRU															
57B14	FROM LC EAST TO PROSPECT RD	14													
LC58	TALLEVAST RD WEST OF 38 ST CT E		COBRA				X				480V	18'7"	X		
58A1 THRU															
58A13	FROM LC EAST TO LOCKWOOD RIDGE RD	13													
LC59	HONORE AVE		LED			X					480V	15'9"	X		
59A1 THRU															
59A24	HONORE AVE NORTH UNIVERSITY PKWY	24													
59B1 THRU															
59B24	HONORE AVE NORTH UNIVERSITY PKWY	24													
59C1 THRU															
59C30	HONORE AVE NORTH UNIVERSITY PKWY	30													
1.000			. ==								400)/	. = . =			
LC60	HONORE AVE		LED			Χ					480V	15'9"	Χ		
60A1 THRU	HONORE AVE	0.5													
60A25	HONORE AVE	25													
1.000			. ==								400)	221211			
LC68	MASTERS AVE EAST OF LORRAINE RD		LED			Χ					480V	28'8"	Χ		
68A1 THRU	FD044 0 T0 THE 540T														
68A9	FROM LC TO THE EAST	9													
68B1 THRU	EDOM LO TO THE WEST	0													
68B9 68C1 THRU	FROM LC TO THE WEST	9													
68C9	EDOM THE LOTO THE EAST	_													
68D1 TRHU	FROM THE LC TO THE EAST	9													
68D8		_													
0000	FROM THE LC TO THE WEST	8													
LC 60	HONORE AVE EAST OF LOOKINGOR RIDGE DR		TUDNIDUS						V		400)/	051			
LC 69 69A1 THRU	HONORE AVE EAST OF LOCKWOOD RIDGE RD		TURNPIKE						۸		480V	25'			
69A1 THRU 69A14	ON HONORE AVE IN MEDIAN EAST OF LOCKWOOD	14													

Tp-		UADW	AY LIGHT	ING INV	ENTORI	- COUN	III OVVI								
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
69B1 THRU															
69B14	SAME AS ABOVE	24													
69C1 THRU															
69C58	SAME AS ABOVE	46													
-	STAINE TO THE VE	70													
LC70	44 AVE E EAST OF LAKEWOOD RANCH BLVD		LED			V					480V	28'9"	~		
70A1 THRU	44 AVE E EAST OF LAKEWOOD RANCH BLVD		LED			X					46U V	269	X		
	44.00/5.57 1/0 // 1.5 1.5 1.5 1.5	40													
70A12	on 44 AVE E from L/C west to Lakewood Ranch Blvd	12													
70B1 THRU															
70B5	on 44 AVE E from L/C east to end of road	5													
70C1 THRU															
70C13	on 44 AVE E from L/C west to Lakewood Ranch Blvd	13													
70D1 THRU															
70D4	on 44 AVE E from L/C east to end of road	4													
LC71	44 AVE E WEST OF LAKEWOOD RANCH BLVD		LED			Χ					480V	28'9"	Χ		
71A1 THRU	THAT I WEST OF LARLING OF TAMESTOR		220			Λ,					1001	200			
71A6	on 44 AVE E from L/C west to end of road	6													
71B1 THRU	OIT 44 AVE E HOITI DO West to end of load	U													
71B1 111K0	an 44 AV/F F from L/C aget an north side of read	4.4													
	on 44 AVE E from L/C east on north side of road	11													
71C1 THRU															
71C11	on 44 AVE E from L/C east on south side of road	11													
71D1 THRU															
71D6	on 44 AVE E from L/C west to end of road	6													
LC72	RANGELAND PKWY EAST OF LAKEWOOD RANCH		LED			X					240/480	28'6"		Χ	
72A1 THRU															
72A10	FROM LC WEST TO LRB ON SOUTH SIDE	10													
72B1 THRU															
72B11	FROM LC EAST TO POPE RD ON SOUTH SIDE	11													
72C1 THRU															
72C10	FROM LC WEST TO LRB ON NORTH SIDE	10													
72D1 THRU	TROWLED WEST TO ERB ON NORTH SIDE	10													
72D1 11110	EDOM LO FACT TO DODE DD ON NODTU CIDE	4.4													
72011	FROM LC EAST TO POPE RD ON NORTH SIDE	11													
1.072	DODE DD NODTH OF ODTO		LED			V					0.40/400	001011		V	
LC73	POPE RD NORTH OF SR70		LED			Х					240/480	28'6"		Χ	
73A1 THRU									ĺ						
73A8	FROM LC TO SR70 ON WEST SIDE	8													
73B1 THRU															
73B10	FROM LC TO SR70 ON EAST SIDE	10													
73C1 THRU															
73C13	FROM LC TO END OF ROAD ON WEST SIDE	13		ĺ					ĺ						
<u> </u>															

ROADWAY LIGHTING INVENTORY - COUNTY OWNED															
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
73D1 THRU 73D12	FROM LC TO END OF ROAD ON EAST SIDE	12													
LC76	BAYSHORE GARDENS PKWY @ 26 ST W		COBRA		X						480V	28'8"	X		
76A1 THRU 76A22	Bayshore Gdns Pkwy from Dartmouth Dr East to US41	22													
76B1 THRU 76B28	Bayshore Gdns Pkwy from LC East to Dartmouth Dr	28													
76C1 THRU 76C30	Bayshore Gdns Pkwy from LC West to 34 ST W	30													
LC79	SR64 @ LAKEWOOD RANCH BLVD EAST L/C		COBRA						X		240/480	43'5"	X		
79A1 THRU 79A7	Upper Manatee River Rd north of SR64	7													
79B1 THRU 79B5	Lakewood Ranch Blvd south of SR64	5	LED			Х									
LC80	800 BLOCK 17 STREET EAST (PALMETTO)		MONGOOSE						X		240/480	38'4"			
80A1 THRU 80A13	17 ST E FROM LC WEST TO US41	13											X		
80B1 THRU 80B13	17 ST E FROM LC EAST TO CANAL RD	13													
LC81	2 AVE E @ 17 ST E PALMETTO		DECORATIVE				X				240/480	12'	X		
81A1 THRU 81A16	FROM LC EAST ON SOUTH SIDE OF 17 ST W	16													
81B1 THRU 81B15	FROM LC WEST ON SOUTH SIDE OF 17 ST W	15													
81C1 THRU 81C17	FROM LC EAST ON NORTH SIDE OF 17 ST W	17													
81D1 THRU 81D15	FROM LC WEST ON NORTH SIDE OF 17 ST W	15													
LC82	6 AVE W @ 17 ST W PALMETTO		DECORATIVE				Χ				240/480	12'			
82A1 THRU 82A6	FROM LC EAST ON SOUTH SIDE OF 17 ST W	6													
82B1 THRU 82B9	FROM LC WEST ON SOUTH SIDE OF 17 ST W	9													
82C1 THRU 82C6 82D1 THRU	FROM LC EAST ON NORTH SIDE OF 17 ST W	6													
82D1 THRU 82D7	FROM LC WEST ON NORTH SIDE OF 17 ST W	7													

ROADWAT LIGHTING INVENTORY - GOORTT OWNED															
POLE NUMBER	LOCATION	QNTY	FIXTURE	100 WATTS	150 WATTS	204 WATTS	200 WATTS	250 WATTS	400 WATTS	700 WATTS	VOLTAGE	HEIGHT	FPL	PRE	Notes
LC86	UNIVERSITY PKWY 1/4 MILE EAST OF LORRAINE R	4	COBRA					Χ			120/240				
LC 88	FT HAMER RD S/O US 301		COBRA						Χ		240/480	43'9"		Χ	
88A1 THRU															
88A5	WEST SIDE OF ROAD SOUTH OF LC	5													
LC 89	MALACHITE BLVD E/O LAKEWOOD RANCH BLVD		LED			X					240/480	28'6"			
89A1 THRU															
89A23	ON NORTH SIDE OF ROAD EAST & WEST OF LC	23													
89B1 THRU															
89B23	ON SOUTH SIDE OF ROAD EAST & WEST OF LC	23													
LC 90	DANIOELAND DIGNIVE IO WHITE EAGLE DLVD		LED								0.40/400	001011			
90A1 THRU	RANGELAND PKWY E/O WHITE EAGLE BLVD		LED			Х					240/480	28'6"			
90A1 111KU	ON SOUTH SIDE OF ROAD EAST & WEST OF LC	12													
90B1 THRU	ON 300 ITT SIDE OF ROAD EAST & WEST OF EC	12													
90B12	ON NORTH SIDE OF ROAD EAST & WEST OF LC	12													
	CITITOTE OF NONE END A WEST OF ES	12													
LC 91	WHITE EAGLE BLVD S/O MALACHITE BLVD		LED			Х					240/480	28'6"			
91A1 THRU								1			210/400	200			
91A10	ON WEST SIDE OF ROAD SOUTH OF LC	10													
91B1 THRU	1														
91B12	ON EAST SIDE OF ROAD SOUTH OF LC	12													
LC 92	44 AVE E @ 5 ST E														

TOTALS- COUNTY OWNED	
STAND ALONE LIGHTING	36
HOLIDAY HEIGHTS LIGHTING	95
TRAFFIC SIGNAL LIGHTING	88
SYSTEM LIGHTING	1,116
GRAND TOTAL	1,335

MAILING LABEL

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BID TITLE: <u>Highway Lighting System Maintenance</u>	
DUE DATE/TIME: @	
: :	