

**SANTA FE COUNTY  
CORRECTIONS DEPARTMENT**

**INVITATION FOR BID**



**ELECTRICAL EXTERIOR AND INTERIOR  
LIGHTS AT THE ADULT DETENTION FACILITY  
and YOUTH DEVELOPMENT PROGRAM  
FACILITY**

**IFB# 2014-0069-CORR/IC**

**OCTOBER 2013**

## SANTA FE COUNTY

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**ADVERTISEMENT**

**INVITATION FOR BIDS  
IFB# 2014-0069-CORR/IC**

**Electrical Exterior and Interior Lighting for the Adult Detention Facility and the Youth Development Program Facility**

The Santa Fe County Corrections Department is requesting bids for the purpose of procuring a licensed electrical contractor for the electrical exterior and interior lights. The work consists of electrical services to provide and install exterior light poles and LED fixture heads at the Santa Fe County Adult Detention Facility (ADF), secure existing exterior light poles with new concrete bases as well as retrofit LED fixture heads to the existing poles at the Santa Fe County Youth Development Program (YDP) Facility and to provide and install corrections-grade fixtures for use at the ADF.

Bids may be held for ninety (90) days subject to all action by the County. Santa Fe County reserves the right to reject any and all bids in part or in whole. A completed bid package must be submitted in a sealed container indicating the bid title and number along with the bidding firm's name and address clearly marked on the outside of the container. **All bids must be received by 2:00 PM (MDT) on Wednesday, November 6, 2013 at the Santa Fe County Purchasing Division, 142 W. Palace Avenue (Second Floor), Santa Fe, NM 87501.** By submitting a bid for the requested services each bidder is certifying that its bid complies with regulations and requirements stated within the Invitation for Bid.

**A Mandatory Pre-Bid Conference will be held on Friday, October 18, 2013 at 9:00 AM (MDT) beginning at the Santa Fe County Adult Detention Facility located at 4312 NM State Highway 14, (across from the State Penitentiary), Santa Fe, N.M. 87508. Attendance at the pre-bid conference is MANDATORY. Potential Bidders are required to submit the name of the representative that will attend the pre-bid conference no later than 2pm on October 16, 2013 in order to receive clearance from the Corrections Department to tour the facility.**

**EQUAL OPPORTUNITY EMPLOYMENT:** All qualified bidders will receive consideration of contract(s) without regard to race, color, religion, sex, national origin, ancestry, age, physical and mental handicap, serious mental condition, disability, spousal affiliation, sexual orientation or gender identity.

Information for obtaining the Invitation for Bid package is available by contacting Iris Cordova, Santa Fe County, by telephone at (505) 986-6337 or by email at [icordova@santafecountynm.gov](mailto:icordova@santafecountynm.gov). The Invitation for Bid package will also be available on the Santa Fe County website at [http://www.santafecounty.org/services/current\\_solicitations](http://www.santafecounty.org/services/current_solicitations).

**BIDS RECEIVED AFTER THE DATE AND TIME SPECIFIED ABOVE WILL NOT BE ACCEPTED.**

Santa Fe County  
Publish: October 6, 2013

## INSTRUCTIONS FOR BIDDERS

Bids are requested by Santa Fe County for electrical services of a licensed electrical contractor to provide and install exterior light poles and LED fixture heads at the Santa Fe County Adult Detention Facility (ADF), secure existing exterior light poles with new concrete bases as well as retrofit LED fixture heads to the existing poles at the Santa Fe County Youth Development Program (YDP) Facility and to provide and install corrections-grade fixtures for use at the ADF in accordance with the specifications and other contract documents prepared by Santa Fe County.

### 1. LOCATION AND DESCRIPTION OF WORK:

The Contractor shall provide all fixtures as per attached specifications; if equivalent is proposed the bidder must provide specifications and sample of item (please see Exhibit A and Appendix D for specifications on all fixtures). All bids must include specification sheets and photometric data sheets for all proposed fixtures that meet or exceed the specifications for the fixtures listed herein. Any fixture proposed as an equivalent must provide equal or greater luminance than the specified fixtures and must provide equal or superior tamper and vandal resistance. The use of brand names in this solicitation is for the purpose of describing the standard of quality, performance and characteristics desired and is not intended to limit or restrict competition.

Contractor shall provide Santa Fe County the proper paperwork and authorization from PNM regarding rebates for LED upgrade. It is the Contractor responsibility to research paperwork, registration and rebates from PNM for the energy savings program. If any rebates are available the contractor shall be responsible for submitting all paperwork and any rebates shall be issued in the form of a check to Santa Fe County.

Santa Fe County Corrections will dispose of all exterior perimeter fixtures at ADF and YDP. Contractor will be responsible for disposal of all interior fixtures at ADF. For Security measures, any fixtures that are removed must have new fixtures installed and functional by the end of the business day.

**ADF** - The Santa Fe County Adult Detention Facility is located at 4312 NM State Highway 14, Santa Fe, N.M. 87508.

Exterior light poles to include LED fixture heads and concrete bases at the Santa Fe County Adult Detention Facility (ADF).

1. Utilize existing light poles in the-perimeter of the facility to install/retrofit LED fixture heads to existing poles.
2. Use existing wires (277v) for fixture heads.
3. Provide and install six (6) wall packs (250 watt metal halide) throughout exterior walls of facility; light fixtures to be activated off of existing wall packs.
4. Provide and install eighteen (18) CREE ARE-EHO-3 M-AA-24-D-UH-BZ-700 or equivalent high output area luminaire-Type III Medium distributions, adjustable arm mount on perimeter poles, 3 heads per existing poles in perimeter area.

5. Provide one (1) new concrete base based on engineer's specifications that comply with NEC and ICC.
6. Provide drawings for concrete bases stamped by a Registered Professional Engineer.
7. Contractor will provide and install one (1) 30' pole (or equal height of existing poles) with 3 fixture heads (CREE ARE-EHO-3M-AA-24-D-UH-BZ-700 or equivalent). Power to be provided from loading dock light pole to outside of northeast corner of loading dock area (approx. 185 feet from existing pole to new pole).
8. Responsible for all excavation, backfilling, line locates (811) and installation of appropriate size conduit, wires and depth for new light poles. Contractor must trench underneath driveway of north loading dock gate for power.

Correctional-grade fixtures at the Adult Detention Facility (ADF)

1. Provide 230 (two hundred-thirty) Kenall # WCB-2-3/3-25L40K-DCC-DV-1/B-1-DLN or equivalent fixtures and install 216 in Alpha, Bravo and Charlie units. Remaining 14 will be provided as reserve.
2. Provide 46 (forty-six) SDSA-2-3/3-50L40K-DCC-DV-1/B-1-WL or equivalent fixtures and install 36 in showers located in Alpha, Bravo and Charlie units. Remaining 10 will be provided as reserve.
3. Provide 34 (thirty-four) Kenall # SSA-2-3/3-25L40K-DCC-DV-1/B-1 or equivalent fixtures and install 24 in Delta dorm areas. Remaining 10 will be provided as reserve.
4. Provide 40 (forty) Refractor Wall Packs, HUBBLE # PGM3-30LU-5K-BZ or equivalent fixtures and install 34 on exterior walls of building. Remaining 6 will be provided as reserve.
5. Provide 58 (fifty-eight) Kenall SSA -4-3/3-50L40K-DCC-DV-1/B-1 or equivalent fixtures and install 48 in Delta dorms and bathroom areas. Remaining 10 will be provided as reserve.
6. Provide 24 (twenty-four) Kenall WCB-1-3/3-25L40K-DCC-DV-1/B-1 or equivalent fixtures and install over sinks in Delta pods. Remaining 12 will be provided as reserve.
7. Provide 230 (two hundred-thirty) Kenall # WCB-1-3/3-25L40K-DCC-DV-1/B-1 or equivalent fixtures and install 144 in Bravo and Charlie. Remaining 86 will be provided as reserve.

**YDP-** The Santa Fe County Youth Development Program is located at 4250 Airport Rd, Santa Fe, N.M. 87507.

Contractor shall install concrete bases for light poles and install the following fixtures:

1. Install new concrete bases for five (5) existing poles in the parking lot areas. Existing poles will be re-used for this application and new fixtures will be installed; four (4) poles will have single head fixtures and one (1) pole will have two (2) fixture heads.

- a. Excavate existing concrete bases for removal with minimal patch work. A 5'X5' square for excavation will be allowed. Contractor is responsible for backfilling, padding, tamping and asphalt.
2. Install additional conduit and feeders for new concrete bases. Underground junction boxes will not be acceptable. All junction boxes must be accessible.
3. Concrete bases and rebar must be installed according to NEC and ICC.
4. Provide drawings stamped by a registered Professional Engineer.
5. Responsible for excavation, backfilling, line locates (811), installing junction boxes for electrical wiring and installing additional wires for the new light poles.

Correctional-grade fixtures at the Youth Development Program Facility (YDP).

1. Provide 14 (fourteen) HUBBEL # LMC – 30LU-5K-3-1 or equivalent Full cut – off exterior wall pack and install 10 with the remaining 4 to be provided as reserve.
2. Provide 27 (twenty-seven) Spaulding # CL1-A-60L-U-5K-3-DB or equivalent fixtures and install in parking lot, perimeter and recreational areas or equivalent.

Bids shall be in the form of a lump sum pricing.

Bids shall include all materials, labor, permits, fees, overhead and profit and incidental costs in the bid amount. All applicable taxes shall not be included in the bid amounts.

ADF operates 24 hours a day 365 days a year. The equipment and materials described in the Scope of Work must be installed and be completely operational within ninety (90) days of notice to proceed. All work at the facility must be accomplished on days and at times least disruptive to ADF's security and operation. For security measures, any fixtures that are removed must have new fixtures installed and functional by the end of the business day.

The contractor shall provide all installation labor and parts directly associated with the installation tasks.

The contractor shall provide any necessary protective coverings needed to protect existing adjacent finishes. Should damage occur to the adjacent finishes, the contractor shall restore the adjacent finishes to their original pre-existing condition.

All work area(s) shall be maintained in a neat and workmanlike manner. The contractor shall provide all clean-up for its operations and control of all construction debris. All construction debris shall be removed from the work areas and disposed of at an approved waste disposal site before the end of each work cycle. The ADF and YDP trash containers shall not be used for disposal of construction debris.

Security clearances and background checks will be required by the facility for the contractor, its employees and subcontractors and must be obtained prior to commencement of any work at the facility. The contractor must keep required security clearances for workers assigned to perform the work for this project prior to their arrival on site and through the duration of the project. The Corrections Department reserves the right to deny any employee of the contractor, should the

employee be in violation of any criteria required for the security clearance. Santa Fe County Corrections Department will obtain and maintain the security clearances.

The Corrections Department reserves the right to provide an escort and/or full time supervision of the contractor and its employees during any or all phases of the project, should the user agency feel it is in its best interest to provide these extraordinary security services.

The Corrections Department reserves the right to escort any or all employees of the contractor off its property, for any inappropriate conduct or actions that jeopardize the safety, security or well-being of the facility. Inappropriate behavior by the contractor, its employees or subcontractors shall immediately cancel this contract. Any employee of the contractor found in violation of any law, while on the Department's property, will be prosecuted.

The contractor shall abide by the tool and material control requirements established by ADF and YDP.

2. SPECIFICATIONS: The construction of this project will be in accordance with the County Specifications contained herein.

The contractor shall possess the appropriate license issued by the State Construction Industries Division (CID) to perform the work required and shall perform all work in accordance with all applicable National and State of New Mexico Building Codes.

Obtain any and all permits and/or certifications required by all appropriate regulatory agencies for the work performed and for any equipment installed. It is the contractor's responsibility to research permitting and regulatory requirements and obtain any and all permits, certifications or other regulatory approvals/requirements prior to installation of equipment. This may include, but is not limited to, any engineered systems, building codes, construction permits and product warranties or certifications. Copies of all permits must be submitted to Santa Fe County prior to start of work.

3. TIME AND PLACE OF RECEIVING AND OPENING BIDS: This information will be found in the "Advertisement for Bids", page 3 of this IFB. A bid received after the specified time will not be considered and will be returned to the bidder unopened.
4. CONTRACT TIME: The number of days for the completion of all work for ADF and YDP (the contract time) is ninety (90) days.
5. COPIES OF BIDDING DOCUMENTS: Information for obtaining the Invitation for Bid documents are available by contacting Iris Cordova, Santa Fe County, by telephone at (505) 986-6337 or by email at [icordova@santafecountynm.gov](mailto:icordova@santafecountynm.gov). The Invitation for Bid package will also be available on the Santa Fe County website at [http://www.santafecounty.org/services/current\\_solicitations](http://www.santafecounty.org/services/current_solicitations).

Bidders shall use complete sets of Bidding Documents in preparing bids; the County assumes no responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.

No license or grant of use of the Bidding Documents is conferred by issuance of copies of the bidding documents.

6. PRE-BID CONFERENCE: A Pre-Bid Conference will be held on Friday, October 18, 2013 at 9:00 AM (MDT) at the Santa Fe County Adult Detention Facility located at 4312 NM State Highway 14, (across from the State Penitentiary), Santa Fe, N.M. 87508 and then proceed to the Youth Development Program located at 4250 Airport Rd, Santa Fe, N.M. 87507.

Attendance at the pre-bid conference is **MANDATORY**. Potential Bidders are required to submit the name of the representative that will attend the pre-bid conference no later than 2pm on October 16, 2013 in order to receive clearance from the Corrections Department to tour the facility.

7. BIDDER'S REPRESENTATION: By submitting a bid the bidder represents that: a) the bidder has read and understands the bid documents and contract documents; b) the bid is made in compliance with the bid documents and contract documents; c) The bidder has visited the site and has become familiar with local conditions under which the Work is to be performed, and has correlated the bidder's personal observations with the requirements of the proposed contract documents; d) the bidder has familiarized itself with federal, state and local laws, ordinances, rules, and regulations affecting performance of the Work; and e) the bid is based upon the materials, equipment and systems required by the bid documents without exception; and f) the County shall rely on these representations.
8. INTERPRETATIONS/ADDENDA: All questions about the meaning or intent of the contract documents shall be submitted to the Procurement Manager in writing.

Replies will be issued by written addenda mailed or delivered to all parties recorded by the printer, as having received the bidding documents at least five (5) calendar days before the scheduled bid opening date. Questions received less than seven (7) calendar days prior to the date for opening of bids will not be answered. Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. Written questions or inquiries in relation to the Invitation for Bid will be directed to:

Iris Cordova, Procurement Specialist Senior  
Santa Fe County Purchasing Division  
142 W. Palace Avenue (Second Floor)  
Santa Fe, NM 87501  
Ph. (505) 986-6337  
Fax (505) 989-3243  
Email – [icordova@santafecountynm.gov](mailto:icordova@santafecountynm.gov)

Addenda will be transmitted to all bidders that are listed on the Bid Holder's List at the printer(s) who have received a complete set of bid documents.

Copies of addenda will be made available for inspection wherever bid documents are on file for that purpose. Each addendum shall be part of the contract documents as specified in the written contract, attached to these specifications, (see Appendix F).

Addenda will be issued no later than five (5) working days prior to the date for receipt of bids except an addendum withdrawing the request for bids or one which includes postponement of the date for receipt of bids.

Each bidder shall ascertain prior to submitting a bid that the bidder has received all addenda and the bidder shall acknowledge receipt in the bid.

9. PREFERENCE IN PROCUREMENT:

A. *New Mexico In-state Preference.*

New Mexico law, Section 13-1-22 NMSA 1978, provides a preference in the award of a public works contract for an "**in-state resident contractor**". Application of a resident contractor preference requires the bidder to provide a copy of a valid and current certificate as a resident contractor. Certificates are issued by the state taxation and revenue department.

If a bidder submits with its bid a copy of a valid and current in-state resident contractor certificate, the bidder's bid will be deemed to be 5% lower than the bid actually submitted.

Certification by the department of taxation and revenue for the resident contractor takes into consideration such activities as the business or contractor's payment of property taxes or rent in the state and payment of unemployment insurance on employees who are residents of the state.

**OR**

B. *New Mexico Resident Veteran Preference.*

New Mexico law, Section 13-1-22 NMSA 1978, provides a preference in the award of a public works contract for a "**resident veteran contractor**". Certification by the department of taxation and revenue for the resident veteran contractor requires the bidder to provide evidence of annual revenue and other evidence of veteran status.

A bidder who wants the veteran contractor preference to be applied to its bid is required to submit with its bid the certification from the department of taxation and revenue and the sworn affidavit attached hereto as Appendix C.

If a bidder submits with its bid a copy of a valid and current veteran resident contractor certificate, the bidder's bid will be deemed to be 10%, 8% or 7% lower than the bid actually received, depending on the business' annual revenue.

**The resident contractor preference is not cumulative with the resident veteran contractor preference.**

The in-state or veteran preferences do not apply to procurement of services or goods involving federal funds or federal grant funds.

Additional information about obtaining the certificate as a resident contractor and resident veteran contractor may be found at:  
<http://www.tax.newmexico.gov/Businesses/Pages/In-StatePreferenceCertification.aspx>.

10. SUBCONTRACTORS, SUPPLIERS AND OTHERS: The contractor shall be required to fully comply with the Subcontractors Fair Practices Act, NMSA 1978, 13-4-31 to 13-4-42.
  - A. The contractor, in the bid documents, must identify in writing to the County those portions of the work that it proposes to subcontract and after the Notice of Award, may only subcontract other portions of the work with the County's written consent.
  - B. Any subcontractor who will be providing more than \$5,000 or one-half of one percent of the architect's or engineer's estimate of the total project cost (not including alternates) whichever is greater for any service, must be listed on the Subcontractor Listing. The subcontractor listing threshold for this IFB is \$5,000.

The primary contractor must be wholly responsible for the entire performance whether or not subcontractors are used. Santa Fe County will make payments to only the prime contractor. Subcontractors require the same applicable licensing and insurance coverage as the primary contractor.

The contractor must not subcontract any portion of the services to be performed under this agreement without the prior written approval of the County. Whenever the use of subcontractors is approved, the contractor must remain solely responsible for the performance of this agreement.

11. SUBSTITUTIONS: The materials, products, and equipment described in the bid documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution. No substitution will be considered prior to receipt of bids.
12. WAGE RATES/REGISTRATION WITH THE LABOR AND INDUSTRIAL DIVISION OF THE LABOR DEPARTMENT: The contractor shall be required to fully comply with the Public Works Minimum Wage Act, NMSA 1978, 13-4-11 thru 13-4-17. If the minimum wage rate determination for the project is not included in the initial bid documents, it will be furnished in an addendum.

A contractor or subcontractors who submit a bid valued at more than sixty thousand dollars (\$60,000) for a public works project that is subject to the Public Works Minimum Wage Act must be registered with the New Mexico Workforce Solutions at the time of the bid opening. The registration number shall be provided in the bid submitted by the contractor in the space provided for subcontracts with work proposed. After the bid opening, the registration numbers will be verified by the County and the bid will be determined to be non-responsive and disqualified if the registration numbers are “*inactive*” and the contractor does not provide proof of the required registration for itself or its subcontractors for work proposed over sixty thousand dollars (\$60,000).

For a public works contract whose value is \$60,000 or more the NM Public Works Minimum Wage Act, 13-4-11 NMSA 1978, also requires all tiers of subcontractors to submit certified weekly payroll records to the general contractor and the County. If this provision applies, the contractor shall, and shall require all tiers of subcontractors, to submit certified weekly payroll records to the contractor and the County’s project manager for this project.

13. BID FORM:

- A. The bid forms are included in the bidding documents; additional copies may be obtained from the Santa Fe County Purchasing Division.
- B. Bid forms must be completed in either ink or typewritten. The bid price of each item on the form must be stated in numerals and written words; in case of an error in extensions in the unit price schedule the unit price shown in written words shall govern.
- C. Bids by corporations must be executed in the corporate name by the president or a vice president (or other corporate officer accompanied by evidence of authority to sign) and the corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown below the signature.
- D. Bids by partnerships must be executed in the partnership name and signed by a partner, their title must appear under their signature and the official address of the partnership must be shown below the signature.
- E. All names must be typed or printed below the signature.
- F. The bid shall contain an acknowledgment of receipt of all addenda (the numbers of which shall be filled in on the bid form).

14. **BID SECURITY:** Each individual bid shall be accompanied by **bid security equal to 5% of the amount of the bid**. Such bid security shall be in the form of a certified or cashier’s check made payable to the County or a surety bond issued by a surety authorized to conduct business in the State of New Mexico and who is approved in federal circular 570 as published by the U.S. Treasury Department.

By submitting the bid and providing the bid security, the bidder pledges to enter into a binding contract with the County and will furnish bonds covering the faithful performance of the contract and payment of all obligations arising hereunder.

The County will have the right to retain the bid security of bidders to whom an award is being considered until either the contract has been executed and bonds, if required, have been furnished or the specified time has elapsed so that bids may be withdrawn or all bids have been rejected.

15. POWER OF ATTORNEY: Attorneys in fact who sign bonds must attach certified effective copies of their Power of Attorney to all bonds.
16. QUALIFICATION OF BIDS: All contractors and subcontractors must have a valid New Mexico license appropriate to the work herein specified at the time the bid is submitted.
17. SUBMISSION OF BIDS: Bids shall be submitted at the time and place indicated in the "Advertisement for Bids" on page 3 of this IFB and shall be enclosed in an opaque sealed envelope, marked with the project title, name and address of the bidder, N.M. License Number, and accompanied by the list of subcontractors and other required documents. All blanks must be filled in. Conditional bids will not be considered. The envelope shall be addressed to:

Iris Cordova, Procurement Specialist, Senior  
Santa Fe County Purchasing Division  
142 W. Palace Avenue (Second Floor)  
Santa Fe, NM 87501

18. MODIFICATION AND WITHDRAWAL OF BIDS: A bid may not be modified, withdrawn or canceled by the bidder following the time and date designated for the receipt of bids, and each bidder so agrees to these conditions by submitting a bid.

Prior to the time and date designated for receipt of bids, a bid submitted may be modified or withdrawn by notice to the County at the address designated for receipt of bids. Such notice shall be in writing and signed by the bidder.

Upon receipt such written confirmation shall be date and time stamped by the County on or before the date and time set for receipt of bids. A modification of a bid shall be worded as not to reveal the amount of the original bid.

19. GROSS RECEIPTS TAXES: The amount of the bid shall exclude applicable New Mexico Gross Receipts Taxes or applicable local option taxes. The applicable gross receipts tax or applicable local option taxes shall be computed and shown as a separate amount on each request for payment made under the contract.
20. CONSIDERATION OF BIDS: Bids received on time will be opened publicly and will be read aloud, and an abstract of the amounts of the base bids and alternates or bid items, if any, will be made available to the bidders. Each bid shall be open to public inspection.

21. **BID OPENING PROCEDURE:** The person or persons opening the bids shall verify that the requirements of the Instruction to Bidders have been fulfilled, and shall read aloud the name of each apparently responsive bidder and the bid amount(s). If any requirements have not been met, the bid shall be deemed non-responsive and disqualified. Each bid shall be reviewed for the following:
- A. Bid Proposal – Include name of bidder, type of organization, contractor’s license number and DOL registration number and all required signatures.
  - B. Bid Form- Include acknowledgement of all addenda, if applicable, bidder’s name, title, address, telephone number, contractor’s license number and type, United States Treasury number, resident preference certificate, if applicable, and all required signatures.
  - C. Bid Sheet-Include best price offered, excluding GRT.
  - D. Non-Collusion Affidavit for Prime Bidder Form-Include all required notarized signatures.
  - E. Certification of Non-Segregated Facilities Form-Include all required notarized signatures.
  - F. Certification of Bidder Regarding Equal Employment Opportunity Form-Include all required signatures.
  - G. Bid Bond-Include all required notarized signatures.
  - H. Bid Security- Shall be in the form of a certified or cashier’s check made payable to the County or a surety bond issued by a surety.
  - I. Subcontractor’s Listing Form-List of all subcontractors performing work over \$5,000.00, include name, address, telephone number, license number and **active** NM Department of Workforce Solutions Registration Number.
  - J. Campaign Contribution Disclosure Form-Include all required signatures.
  - K. Valid certificate of in-state resident contractor or in-state resident veteran contractor.

**IF ANY OF THESE REQUIREMENTS HAVE NOT BEEN MET, THE BID MAY BE DISQUALIFIED AND CONSIDERED NON-RESPONSIVE.**

22. **BIDS TO REMAIN OPEN:** All bids shall remain open for ninety (90) days after the day of the bid opening.
23. **AWARD OF CONTRACT:**
- A. The County reserves the right to reject any and all bids and waive any and all informalities or technicalities and the right to disregard all nonconforming or conditional bids or counter proposals.
  - B. If a contract is to be awarded, it will be awarded to the lowest responsible bidder and the decision to award shall be dependent upon available funding.
  - C. If the lowest responsible bidder has otherwise qualified, the lowest bidder may negotiate with the County for a lower bid if the lowest bid is within **ten percent** over budgeted project funds in order to prevent all bids from being rejected. No change in the original scope and/or terms and conditions will be allowed. Negotiations may be permitted with product, materials, and equipment alternatives as determined to be in the best interest of the County.

- D. Alternates may be accepted and awarded in any manner or order based on available budget. The County reserves the right not to award any particular alternate.
24. LIQUIDATED DAMAGES: Liquidated damages in the amount of one hundred dollars (\$100.00) per each calendar day shall be assessed after the completion date (as adjusted by change orders) until the issuance of a Certificate of Substantial Completion for the entire project.
  25. PREFERENCES IN EQUIPMENT AND MATERIAL: In the construction of this project, the County has no preference for any process, type of equipment, or kind of material, but will consider all processes, types of equipment or kinds of material offered on a usual competitive basis if they are in fact equal to that specified and will accomplish the purpose intended. The County reserves the right to be the sole judge as to whether or not a different process, type of equipment or kind of material offered is in fact equal to that specified.
  26. LICENSE OR ROYALTY FEES: Licenses and/or royalty fees for products or for processes must be paid for directly by the contractor.
  27. PERMITS: It is the responsibility of the contractor and each subcontractor to obtain permits and inspections required by the County and/or the State of New Mexico or any other entity that may have jurisdiction over the construction.
  28. COLLUSION: No bidder shall be interested in more than one bid. Collusion among bidders or the submission of more than one bid under different names by any firms or individual shall be cause for rejection of all bids in question without consideration.
  29. QUANTITIES: The quantities set forth in the bid proposal are estimated quantities on which bids will be compared and which will be the basis for award of contract. Payment will be made for work actually performed.
  30. PROTEST PROCEDURE: Any bidder who is aggrieved in connection with procurement may protest to the County Purchasing Manager as set forth in Resolution No. 2006-60 by the Board of County Commissioners. A copy of Resolution No. 2006-60 is available upon request. The protest must be in writing and be submitted within fifteen (15) days after the facts or occurrences. The complete procedures and requirements regarding protests and resolution of protests are available from the Santa Fe County Purchasing Division upon request.
  31. CONTRACTOR'S QUALIFICATION STATEMENT: Bidder to whom award of a contract is under consideration shall submit, upon request, information and data to prove that its financial resources, production or service facilities, personnel, and service reputation and experience are adequate to make satisfactory delivery of the services, construction, or items of personal property described in the bidding documents

32. **BOND REQUIREMENTS – PERFORMANCE BOND AND PAYMENT BOND:** If awarded the contract, a bidder shall furnish bonds covering the faithful performance of the contract and payment of all obligations arising thereunder. The amount of the bonds, performance and payment, shall each be equal to 100% of the contract sum. Bonds shall be issued by a surety authorized to conduct business in the State of New Mexico and who is approved in federal circular 570 as published by the U.S. Treasury Department. The cost of the bonds shall be included in the bid.
33. **TIME OF DELIVERY AND FORM OF BONDS.** The bidder shall deliver the required bonds to the County no later than seven (7) days following the date of execution of the contract. If the Work is to be commenced prior thereto in response to a letter of intent, the bidder shall, prior to commencement of the Work, submit evidence satisfactory to the County that such bonds will be furnished and delivered in accordance with this section.

The bidder shall require the attorney-in-fact who executes the required bonds on behalf of the surety to affix thereto a certified and current copy of the power of attorney.
34. **WARRANTY:** The contractor shall furnish a written warranty of workmanship to the Procurement Manager for a period of one (1) year following the completion date in addition to all other warranties required by the Contract Documents.
35. **NOTICE OF AWARD:** A written Notice of Award shall be issued by the County after review and approval of the bid and related documents.
36. **IDENTICAL BIDS:** If two or more identical low bids are received, the County will apply the process described at Section 13-1-110 NMSA 1978, of the State Procurement Code.
37. **CANCELLATION OF AWARD:** When in the best interest of the public, the County may cancel the award of any contract at any time before the execution of said contract by all parties without any liability against the County.
38. **NOTICE TO PROCEED:** The County will issue a written Notice to Proceed and a purchase order to the contractor stipulating the date from which contract time will be charged and the date contract time is to expire.
39. **FAILURE TO EXECUTE CONTRACT:** Failure to return the signed contract with acceptable contract bonds and certificate of insurance within ten (10) calendar days after the date of the Notice of Award shall be just cause for the cancellation of the award. The award may then be made to the next lowest responsible bidder, or the work may be re-advertised and constructed under contract or otherwise, as the County may decide.
40. **INSURANCE REQUIREMENTS:** At a minimum upon execution of the Agreement between the County and the contractor, the contractor shall furnish to the County, Certificates of Insurance naming Santa Fe County as an additional insured for the insurance coverage as specified in the sample contract and any supplementary conditions attached hereto.

41. CLARIFICATION OF NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR, AND CERTIFICATION OF SUBCONTRACTOR REGARDING EQUAL EMPLOYMENT OPPORTUNITY: The general contractor is not required to present completed “Non-Collusion Affidavit of Subcontractor” and “Certification of Subcontractor Regarding Equal Employment Opportunity” forms from their subcontractors at the time of bid submittal; however, once the contract is awarded, the general contractor is responsible for providing these forms along with the bonds and certificate of insurance.
42. SUBCONTRACTOR PERFORMANCE AND PAYMENT BOND. A subcontractor whose work to be performed on a public works building project is one hundred thousand twenty five dollars (\$125,000) or more shall submit a performance and payment bond in the amount of the work they are to perform on the project. These bonds will be submitted within the stated (10) calendar days after the date of the Notice to Award.
43. OPERATIONS AND MAINTENANCE MANUALS: At the completion of the project but prior to the Substantial Completion certificate approved by the County project manager, the contractor shall submit to the County two (2) copies of a three ring binder with all maintenance and operations instructions for all systems and items within this phase of construction, if applicable.
44. NOTICE: The Procurement Code, Sections 13-1-28 through 13-1-199 NMSA 1978, imposes civil and misdemeanor criminal penalties for its violation. In addition, the New Mexico criminal statutes impose felony penalties for bribes, gratuities, and kick backs.
45. SUFFICIENT APPROPRIATION: Any contract awarded as a result of this IFB process may be terminated if sufficient appropriations or authorizations do not exist. Such termination will be effected by sending written notice to the contractor. The County's decision as to whether sufficient appropriations and authorizations are available will be accepted by the contractor as final.
46. NUMBER OF BIDS ACCEPTED. Bidders shall submit only one (1) bid in response to this IFB.

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**BID PROPOSAL**

**IFB# 2014-0069-CORR/IC**

**Electrical Exterior and Interior Lighting for the Adult Detention Facility and the Youth Development Program Facility**

To Santa Fe County, State of New Mexico, Owner:

In compliance with the Information for Bidders and in strict conformance with the Contract Documents, \_\_\_\_\_, hereinafter called the Bidder, organized and existing under the laws of the State of New Mexico as a \_\_\_\_\_ (type of business or legal entity), hereby proposes to perform all the WORK required for the installation of exterior and interior electrical lights Adult Detention Facility and Youth Development Program in Santa Fe County, New Mexico.

The undersigned declares that the only person or parties interested in the proposal as principals are those named herein; that the proposal is made without collusion with any person, firm or corporation; that it has carefully examined the specifications, including special provisions, if any, and that it has made a personal examination of the site of the work, that it is to furnish all the necessary machinery, tools, apparatus and other means of construction and do all the work and furnish all the materials specified in the manner and the time prescribed; that it understands that the quantities are approximate only and subject to increase or decrease, and that it is willing to perform any increased or decreased quantities of work at unit price bid.

The undersigned hereby agrees to execute and deliver the Construction Agreement within ten (10) days, or such further time as may be allowed in writing by Santa Fe County after receiving notification of the acceptance of this proposal, and it is hereby mutually understood and agreed that in case we do not, Santa Fe County may proceed to award the contract to others.

We hereby agree to commence the work within fifteen (15) days, or such further time as may be allowed in writing by Santa Fe County after notification to proceed.

The undersigned proposes to guarantee all work performed under these plans, specifications and contract for one year after acceptance by the County and repair and maintain same until the date of acceptance by Santa Fe County.

\_\_\_\_\_  
Signature-Title

(Corporate Seal)

\_\_\_\_\_  
Corporate Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State, Zip Code

Names of individual members of firms or names and titles of all officers of Corporation.

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Corporation organized under the Laws of the State of

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New Mexico Contractor's License No.

NM Department of Workforce Solutions,  
Public Works Labor Enforcement Fund  
Registration Number:

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**SANTA FE COUNTY  
BID FORM**

FROM: \_\_\_\_\_

\_\_\_\_\_ hereinafter called "Bidder".

TO: Santa Fe County  
142 West Palace Avenue  
Santa Fe, New Mexico 87501

hereinafter called "CONTRACTING AGENCY",

**BID FOR: IFB# 2014-0069-CORR/IC**  
**PROJECT: Electrical Exterior and Interior Lighting for the  
Adult Detention Facility and the Youth Development Program Facility**

Purchasing Division:

The bidder has familiarized itself with the existing conditions on the project area affecting the cost of the work and with the contract documents which includes:

- A. Advertisement for Bids
- B. Instructions for Bidders
- C. Bid Proposal and other required bid forms as listed herein
- D. Form of Agreement
- E. Form of Performance Bond
- F. Form of Labor and Material Payment Bond
- G. Specifications

Therefore, the Bidder hereby proposes to furnish all supervision, technical personnel, labor, materials, tools appurtenances, equipment, and services (including all utility and transportation services) required to complete the electrical exterior and interior lighting services at the Adult Detention Facility and the Youth Development Program Facility.

In submitting this bid, the Bidder understands that the right is reserved by Santa Fe County to reject any irregular or all bids, waive any technicalities in the bids, and accept the bid deemed to be in the best interest of the public and that Santa Fe County intends to award one contract (if at all) for the items bid. If written notice of the acceptance of this bid is mailed, telegraphed or otherwise delivered to the undersigned within ninety (90) days after the opening thereof or at any time thereafter before this bid is withdrawn, the undersigned agrees to execute and deliver the agreement in the prescribed form within ten (10) days after the agreement is presented to it for signature.

All Addenda pertaining to this Project shall be acknowledged by the Bidder in the spaces provided below:

Addendum No.	Date	Acknowledged by Bidder or Its Authorized Representative	Date Acknowledged
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Failure to acknowledge receipt, as provided above, may be considered sufficient grounds for disqualification of the bidder and rejection of its proposal.** It shall be the bidder's responsibility to become fully advised of all Addenda prior to submitting his bid.

The Bidder agrees to commence work under this Contract within fifteen (15) days after, a date to be specified in a written "Notice to Proceed" from Santa Fe County or its authorized agents. Bidder further agrees to pay liquidated damages as provided in the Contract Documents.

This Bid Proposal contains the following:

- A. Bid Proposal
- B. Bid Form
- C. Bid Sheet
- D. Non-Collusion Affidavit for Prime Bidder
- E. Certification of Non-segregated Facilities
- F. Certification of Bidder Regarding Equal Employment Opportunity
- G. Bid Bond
- H. Subcontractors Listing (as included in this packet)
- I. Campaign Contribution Disclosure Form
- J. Resident Contractor or Veteran Contractor Preference Certificate

Respectfully submitted:

Name of Bidder:

Official Address:

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Telephone No.: \_\_\_\_\_

New Mexico Contractor's License Number and Types: \_\_\_\_\_

United States Treasury Number: \_\_\_\_\_

Resident or veteran Preference Certificate Number: \_\_\_\_\_

**BID SHEET****IFB #2014-0069-CORR/IC**

Please offer your best price for the work required for the Electrical Exterior and Interior Lighting for the Adult Detention Facility and the Youth Development Program Facility. The lump sum base bid shall include pricing for all construction, materials, equipment, labor, travel, incidentals, inspections and fees for any required permitting.

Be advised that award may be made without discussion with bidders on offers received.

**Bid Item #1 – ADF** – Exterior light poles to include LED fixture heads and concrete bases at the Santa Fe County Adult Detention Facility (ADF).

1. Utilize existing light poles in the-perimeter of the facility to install/retrofit LED fixture heads to existing poles.
2. Use existing wires (277v) for fixture heads.
3. Provide and install six (6) wall packs (250 watt metal halide) throughout exterior walls of facility; light fixtures to be activated off of existing wall packs.
4. Provide and install eighteen (18) CREE ARE-EHO-3 M-AA-24-D-UH-BZ-700 or equivalent high output area luminaire-Type III Medium distributions, adjustable arm mount on perimeter poles, 3 heads per existing poles in perimeter area.
5. Provide one (1) new concrete base based on engineer's specifications that comply with NEC and ICC.
6. Provide drawings for concrete bases stamped by a Registered Professional Engineer.
7. Contractor will provide and install one (1) 30' pole (or equal height of existing poles) with 3 fixture heads (CREE ARE-EHO-3M-AA-24-D-UH-BZ-700 or equivalent). Power to be provided from loading dock light pole to outside of northeast corner of loading dock area (approx. 185 feet from existing pole to new pole).
8. Responsible for all excavation, backfilling, line locates (811) and installation of appropriate size conduit, wires and depth for new light poles. Contractor must trench underneath driveway of north loading dock gate for power.

**Bid Item #2- ADF** -Correctional-grade fixtures at the Adult Detention Facility (ADF)

1. Provide 230 (two hundred-thirty) Kenall # WCB-2-3/3-25L40K-DCC-DV-1/B-1-DLN or equivalent fixtures and install 216 in Alpha, Bravo and Charlie units. Remaining 14 will be provided as reserve.
2. Provide 46 (forty-six) SDSA-2-3/3-50L40K-DCC-DV-1/B-1-WL or equivalent fixtures and install 36 in showers located in Alpha, Bravo and Charlie units. Remaining 10 will be provided as reserve.
3. Provide 34 (thirty-four) Kenall # SSA-2-3/3-25L40K-DCC-DV-1/B-1 or equivalent fixtures and install 24 in Delta dorm areas. Remaining 10 will be provided as reserve.

4. Provide 40 (forty) Refractor Wall Packs, HUBBLE # PGM3-30LU-5K-BZ or equivalent fixtures and install 34 on exterior walls of building. Remaining 6 will be provided as reserve.
5. Provide 58 (fifty-eight) Kenall SSA –4-3/3-50L40K-DCC-DV-1/B-1 or equivalent fixtures and install 48 in Delta dorms and bathroom areas. Remaining 10 will be provided as reserve.
6. Provide 24 (twenty-four) Kenall WCB-1-3/3-25L40K-DCC-DV-1/B-1 or equivalent fixtures and install over sinks in Delta pods. Remaining 12 will be provided as reserve.
7. Provide 230 (two hundred-thirty) Kenall # WCB-1-3/3-25L40K-DCC-DV-1/B-1 or equivalent fixtures and install 144 in Bravo and Charlie. Remaining 86 will be provided as reserve.

**Bid Item #3- YDP**- Contractor shall install concrete bases for light poles and install the following fixtures:

1. Install new concrete bases for five (5) existing poles in the parking lot areas. Existing poles will be re-used for this application and new fixtures will be installed; four (4) poles will have single head fixtures and one (1) pole will have two (2) fixture heads.
  - a. Excavate existing concrete bases for removal with minimal patch work. A 5'X5' square for excavation will be allowed. Contractor is responsible for backfilling, padding, tamping and asphalt.
2. Install additional conduit and feeders for new concrete bases. Underground junction boxes will not be acceptable. All junction boxes must be accessible.
3. Concrete bases and rebar must be installed according to NEC and ICC.
4. Provide drawings stamped by a registered Professional Engineer.
5. Responsible for excavation, backfilling, line locates (811), installing junction boxes for electrical wiring and installing additional wires for the new light poles.

**Bid Item #4- YDP**- Correctional-grade fixtures at the Youth Development Program Facility.

1. Provide 14 (fourteen) HUBBEL # LMC – 30LU-5K-3-1 or equivalent full cut – off exterior wall pack and install 10 with the remaining 4 to be provided as reserve.
2. Provide 27 (twenty-seven) Spaulding # CL1-A-60L-U-5K-3-DB or equivalent fixtures and install in parking lot, perimeter and recreational areas or equivalent.

**PROVIDE SPECIFICATION SHEETS AND PHOTOMETRIC DATA SHEETS FOR ALL PROPOSED FIXTURES. BIDDERS SHALL PROVIDE SAMPLES OF EACH PROPOSED EQUIVALENT FIXTURE, WHICH THE BIDDER WILL MAKE ARRANGEMENTS TO HAVE RETURNED AFTER AWARD OF THE CONTRACT.**

LUMP SUM BASE BID #1: \$ \_\_\_\_\_

LUMP SUM BASE BID #1: \$ \_\_\_\_\_  
(WRITTEN IN WORDS)

LUMP SUM BASE BID #2: \$ \_\_\_\_\_

LUMP SUM BASE BID #2: \$ \_\_\_\_\_  
(WRITTEN IN WORDS)

LUMP SUM BASE BID #3: \$ \_\_\_\_\_

LUMP SUM BASE BID #3: \$ \_\_\_\_\_  
(WRITTEN IN WORDS)

LUMP SUM BASE BID #4: \$ \_\_\_\_\_

LUMP SUM BASE BID #4: \$ \_\_\_\_\_  
(WRITTEN IN WORDS)

**TOTAL OF LUMP SUM BASE BIDS** \_\_\_\_\_  
LUMP SUM BASE BIDS #1+ #2 +#3 + #4

**TOTAL OF LUMP SUM BASE BIDS #1 + #2 + #3 + #4:**  
\$ \_\_\_\_\_  
(WRITTEN IN WORDS)

*(Exclusive of NM GRT and other applicable taxes)*

**NON-COLLUSION AFFIDAVIT OF PRIME BIDDER**

STATE OF NEW MEXICO

COUNTY OF \_\_\_\_\_

\_\_\_\_\_ being first duly sworn, deposes and says that:

(1) They are the \_\_\_\_\_ of \_\_\_\_\_ the Bidder that has submitted the attached Bid Proposal;

(2) They are fully informed respecting the preparation and contents of the attached Bid Proposal and of all pertinent circumstances respecting such bid;

(3) Such bid is genuine and is not a collusive or sham bid;

(4) Neither the said bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other bidder, firm or person to submit a collusive or sham bid in connection with the contract for which the attached bid has been submitted or to refrain from bidding in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communications or conference with any other bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Contracting Agency or any person interested in the proposed contract; and

(5) The price or prices quoted in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(SIGNED) \_\_\_\_\_

TITLE \_\_\_\_\_

SUBSCRIBED AND SWORN to before me this \_\_\_\_ day of \_\_\_\_\_ 2013.

\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires \_\_\_\_\_

**NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR**

STATE OF NEW MEXICO

COUNTY OF \_\_\_\_\_

\_\_\_\_\_ being first duly sworn, deposes and says that:

- (1) It is the \_\_\_\_\_ of \_\_\_\_\_, hereinafter referred to as the "Subcontractor".
- (2) It is fully informed respecting the preparation and contents of the Subcontractor's proposal submitted by the Subcontractor to \_\_\_\_\_, the Contractor, for certain work in connection with the \_\_\_\_\_ contract pertaining to the \_\_\_\_\_ project in \_\_\_\_\_.
- (3) Such Subcontractors proposal is genuine and is not a collusive or sham proposal.
- (4) Neither the Subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other bidder, firm or person to submit a collusive or sham bid in connection with the contract for which the attached bid has been submitted or to refrain from bidding in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communications or conference with any other bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Contracting Agency or any person interested in the proposed contract; and
- (5) The price or prices quoted in the Subcontractor's proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(SIGNED) \_\_\_\_\_

TITLE \_\_\_\_\_

SUBSCRIBED AND SWORN to before me this \_\_\_\_\_ day of \_\_\_\_\_ 2013.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

**SUBCONTRACTS**

- A. The contractor shall not execute an agreement with any subcontractor or permit any subcontractor to perform any work included in this contract until it has submitted a Non-Collusion Affidavit from the subcontractor, is substantially the form shown below, and has received written approval of such subcontractor from Santa Fe County.
- B. No proposed subcontractor shall be disapproved by Santa Fe County except for cause.
- C. The contractor shall be as fully responsible to Santa Fe County for the acts and omissions of its subcontractors and of persons either directly or indirectly employed by them, as it is for the acts and omissions of persons directly employed by them.

- D. The contractor shall cause appropriate provision to be inserted in all subcontracts relative to the work to require compliance by each subcontractor with the applicable provisions of the contract for the improvements embraced.
- E. Nothing contained in the contract shall create any contractual relation between any subcontractor and Santa Fe County.

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**CERTIFICATION OF NON-SEGREGATED FACILITIES**

(Applicable to construction contracts and related subcontracts exceeding \$10,000, which are not exempt from the Equal Opportunity Clause).

The construction contractor certifies that it does not maintain or provide for its employees any segregated facility at any of its establishments, and that it does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The construction contractor certifies further that it will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it will not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The construction contractor agrees that a breach of this certification is a violation of the Equal Opportunity Clause in this contract. As used in this certification, the term "segregated facilities" means any waiting room, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clock, locker rooms and other storage or dressing areas, parking lots, drinking foundations, recreating or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. The construction contractor agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will obtain identical certifications from proposed SUBCONTRACTORS prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause and that it will retain such certifications in its files.

SIGNED: \_\_\_\_\_

TITLE: \_\_\_\_\_

SUBSCRIBED AND SWORN to before me this \_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_

NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_

**CERTIFICATION OF BIDDER REGARDING  
EQUAL EMPLOYMENT OPPORTUNITY**

**INSTRUCTIONS**

This certification is required pursuant to Executive Order 11246 (30 F. R. 12319-25). The implementing rules and regulations provide that any bidder or perspective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract or subcontract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

---

**CERTIFICATION OF BIDDER**

Bidder's Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

- 1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.  
Yes \_\_\_ No \_\_\_
- 2. Compliance reports were required to be filed in connection with such contract or subcontract.  
Yes \_\_\_ No \_\_\_

---

Certification -- The information above is true and complete to the best of my knowledge and belief.

\_\_\_\_\_  
NAME AND TITLE OF SIGNER (PLEASE TYPE)

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

**CERTIFICATION OF SUBCONTRACTOR REGARDING  
EQUAL EMPLOYMENT OPPORTUNITY**

**INSTRUCTIONS**

This certification is required pursuant to Executive Order 11246 (30 F. R. 12319-25). The implementing rules and regulations provide that any bidder or perspective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract or subcontract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

---

**CERTIFICATION OF SUBCONTRACTOR**

Subcontractor's Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

1. Subcontractor has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

Yes \_\_\_ No \_\_\_

2. Compliance reports were required to be filed in connection with such contract or subcontract.

Yes \_\_\_ No \_\_\_

---

Certification -- The information above is true and complete to the best of my knowledge and belief.

\_\_\_\_\_  
NAME AND TITLE OF SIGNER (PLEASE TYPE)

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

**BID BOND**

A. KNOW ALL MEN BY THESE PRESENT, THAT WE \_\_\_\_\_ hereinafter called the PRINCIPAL, as PRINCIPAL and the \_\_\_\_\_, of \_\_\_\_\_ a Corporation duly organized under the laws of the State of \_\_\_\_\_, and authorized to do business in the State of New Mexico, hereinafter called the SURETY, as SURETY are held and firmly bound unto Santa Fe County, a Municipal Corporation, hereinafter called the OBLIGEE, in the sum of \_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_) for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly be these presents.

WHEREAS, the Principal has submitted the accompanying bid, dated \_\_\_\_\_, 2013, for the installation of exterior and interior electrical lights Adult Detention Facility and Youth Development Program in Santa Fe County, New Mexico.

B. NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a contract with the Obligee in accordance with the terms of such bid, and give such bond of bonds as may be specified in the bidding of Contract Documents with good and sufficient surety for the faithful performance of such contract and for the prompt payment of labor and material furnished in the prosecution thereof of in the event of the failure of the Principal to enter such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party of perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

C. SIGNED AND SEALED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2013.

(SEAL) \_\_\_\_\_  
BIDDER  
By: \_\_\_\_\_  
PRINCIPAL

\_\_\_\_\_  
WITNESS  
By: \_\_\_\_\_  
SURETY

\_\_\_\_\_  
WITNESS  
Title: \_\_\_\_\_

**PERFORMANCE BOND**

A. KNOW ALL MEN BY THESE PRESENT, THAT WE \_\_\_\_\_, as PRINCIPAL hereinafter called the "CONTRACTOR" and \_\_\_\_\_, as SURETY hereinafter called the "SURETY", are held and firmly bound unto OBLIGEE Santa Fe County, a Political Subdivision of the State of New Mexico, hereinafter called the "COUNTY", in the sum of \_\_\_\_\_ (\$ \_\_\_\_\_) dollars for the payment whereof CONTRACTOR and SURETY bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

B. WHEREAS, the CONTRACTOR has a written contract dated \_\_\_\_\_, 2013, with the COUNTY for the installation of exterior and interior electrical lights Adult Detention Facility and Youth Development Program in Santa Fe County, New Mexico. in accordance with drawings and specifications which contract is referenced made part hereof, and is hereinafter referred to as the "Contract."

C. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if CONTRACTOR shall promptly and faithfully perform said Contract (including any amendment thereto), then this obligation shall be null and void; otherwise it shall remain in full force and effect until the COUNTY shall by written instrument notify the SURETY that the obligation is discharged, except that the obligation shall continue for at least three (3) months following the expiration of the term of the Contract.

1. The SURETY hereby waives notice of any alteration or extension of the Contract time made by the COUNTY.
2. Whenever CONTRACTOR shall be, and is declared by the COUNTY to be in default under the Contract, the COUNTY having performed the COUNTY'S obligations thereunder, the SURETY must promptly remedy the default and shall promptly:
  - (1) Complete the Contract in accordance with its terms and conditions, or
  - (2) Obtain a bid or bids for submission to the COUNTY for completing the Contract in accordance with its terms and conditions, and upon determination by the COUNTY and SURETY of the lowest responsible bidder, arrange for a contract between such bidder and Santa Fe County, and make available as work progresses (even though there should be a default or a secession of defaults under the Contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price, but not exceeding, including other costs and damages for which the SURETY may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract price" as used in this paragraph, shall mean the total amount payable by the COUNTY to CONTRACTOR under the Contract and any amendments thereto, less the amount properly paid by the COUNTY to CONTRACTOR.

D. No right of action shall accrue on this Performance Bond to or for the use of any person or corporation other than Santa Fe County named herein or the heirs, executors, administrators, or successors of Santa Fe County.

E. This Bond shall be enforceable without the need to have recourse to any judicial or arbitral proceedings.

SIGNED AND SEALED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2013.

\_\_\_\_\_  
CONTRACTOR – PRINCIPAL (signature)

By: \_\_\_\_\_  
(Printed name and title)

\_\_\_\_\_  
NOTARY PUBLIC (seal)

My Commission expires: \_\_\_\_\_

\_\_\_\_\_  
SURETY (signature)

\_\_\_\_\_  
(Printed name and title)

\_\_\_\_\_  
NOTARY PUBLIC (seal)

My Commission expires: \_\_\_\_\_

\_\_\_\_\_  
SURETY'S Authorized New Mexico Agent

**LABOR AND MATERIAL PAYMENT BOND**

KNOW ALL MEN BY THESE PRESENT, THAT WE \_\_\_\_\_ as PRINCIPAL hereinafter called the "PRINCIPAL" and \_\_\_\_\_ as SURETY hereinafter called the "SURETY", are held and firmly bound unto Santa Fe County, a Political Subdivision of the State of New Mexico as OBLIGEE hereinafter called the "COUNTY", for the use and benefit of any claimants as herein below defined, in the amount of \_\_\_\_\_ (\$ . ) dollars for the payment whereof PRINCIPAL and SURETY bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the PRINCIPAL has a written contract dated \_\_\_\_\_, 2013, with the COUNTY for the installation of exterior and interior electrical lights Adult Detention Facility and Youth Development Program in Santa Fe County, New Mexico., which must be constructed in accordance with drawings and specifications which contract is referenced and made a part hereof, and is hereinafter referred to as the "Contract."

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if PRINCIPAL shall promptly make payment to all claimants as hereinafter defined, for all labor and material used or reasonably required for use in the performance of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect, subject to the following conditions:

1. A claimant is defined as one having a direct contract with the PRINCIPAL or with a subcontractor of the PRINCIPAL for labor, material, or both, used or reasonably required for use in the performance of the Contract, labor and material being construed to include but not be limited to that part of water, gas, power, light, heat, oil, gasoline, telephone services or rental of equipment directly applicable to the Contract.
2. The above named PRINCIPAL and SURETY hereby jointly and severally agree with the COUNTY that every claimant as herein defined, who has not been paid in full before the expiration of a period of ninety (90) days after the date on which the last of such claimant's work or labor was done or performed, or materials were furnished by such claimant, prosecute a suit to final judgment for such sum or sums as may be justly due claimant, and have execution thereof. The COUNTY shall not be liable for payment of any cost or expenses of any such suit.
3. No suit or action shall be commenced hereunder by any claimant:
  - a. Unless claimant, or other than one having a direct contract with the PRINCIPAL, shall have written notice in the form of an sworn statement to the COUNTY and any one or both of the following: the PRINCIPAL or SURETY above named, within ninety (90) days after such said claim is made or suit filed, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were furnished, or for whom the work or labor was done or performed.
  - b. Such notice shall be served by mailing the same by registered mail or certified mail, postage prepaid, in an envelope addressed to the COUNTY, PRINCIPAL or SURETY, at any place where an office is regularly maintained by said COUNTY, PRINCIPAL or SURETY for the transaction of business, or served in any manner in

which legal process may be served in the State in which the aforesaid project is located, save that such service need not be made by a public officer.

- 4. Any suit under this Labor and Material Bond must be instituted in accordance with the statute of limitation under Section 37-1-3 NMSA 1978.
- 5. No right of action shall accrue on this Bond to or for the use of any person or corporation other than subcontractors or sub-subcontractors of the said Contract between PRINCIPAL and Santa Fe County named herein.

SIGNED AND SEALED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2013.

\_\_\_\_\_  
CONTRACTOR – PRINCIPAL (signature)

By: \_\_\_\_\_  
(Printed name and title)

\_\_\_\_\_  
NOTARY PUBLIC (seal)

My Commission expires: \_\_\_\_\_

\_\_\_\_\_  
SURETY (signature)

\_\_\_\_\_  
(Printed name and title)

\_\_\_\_\_  
NOTARY PUBLIC (seal)

My Commission expires: \_\_\_\_\_

\_\_\_\_\_  
SURETY'S Authorized New Mexico Agent

**SUBCONTRACTOR LISTING**

1. To be fully executed and included with Bid as a condition of the Bid (13-4-31 through 13-4-42 NMSA 1978).
2. For the purposes of this Project the threshold shall be \$5,000.
3. The Bidder shall list the Subcontractor’s Name, the City or County of the Place of Business and the Category of Work that will be done by each Subcontractor

Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		

Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
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Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
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Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		

**APPENDIX A**

**ACKNOWLEDGEMENT OF RECEIPT OF INVITATION FOR BIDS FORM  
IFB# 2014-0069-CORR/IC**

In acknowledgement of receipt of this Invitation for Bids the undersigned agrees that they have received a complete copy, beginning with the title page, and ending with the contractual documents. Completed forms must be submitted to Iris Cordova no later than October 18, 2013 to receive any addenda for this solicitation.

Only Bidders that return this form in a timely manner will receive copies of addenda to this IFB.

FIRM: \_\_\_\_\_

REPRESENTED BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

PHONE NO.: \_\_\_\_\_

FAX NO.: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DELIVERY ADDRESS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_ Date: \_\_\_\_\_  
 (Signature)

Name: \_\_\_\_\_  
 (Printed)

Title: \_\_\_\_\_

This name and address will be used for all correspondence related to the Invitation For Bids.

Iris Cordova  
 Santa Fe County  
 Purchasing Division  
 142 W. Palace Avenue  
 Santa Fe, NM 87504  
 Phone: (505) 986-6337 Fax: (505) 989-3243  
 E-mail: [icordova@santafecountynm.gov](mailto:icordova@santafecountynm.gov)

**APPENDIX B****CAMPAIGN CONTRIBUTION DISCLOSURE FORM**

Pursuant to the Procurement Code, Sections 13-1-28, et seq., NMSA 1978 and NMSA 1978, § 13-1-191.1 (2006), as amended by Laws of 2007, Chapter 234, any prospective contractor seeking to enter into a contract with any state agency or local public body **for professional services, a design and build project delivery system, or the design and installation of measures the primary purpose of which is to conserve natural resources** must file this form with that state agency or local public body. This form must be filed even if the contract qualifies as a small purchase or a sole source contract. The prospective contractor must disclose whether they, a family member or a representative of the prospective contractor has made a campaign contribution to an applicable public official of the state or a local public body during the two years prior to the date on which the contractor submits a proposal or, in the case of a sole source or small purchase contract, the two years prior to the date the contractor signs the contract, if the aggregate total of contributions given by the prospective contractor, a family member or a representative of the prospective contractor to the public official exceeds two hundred and fifty dollars (\$250) over the two year period.

Furthermore, the state agency or local public body may cancel a solicitation or proposed award for a proposed contract pursuant to Section 13-1-181 NMSA 1978 or a contract that is executed may be ratified or terminated pursuant to Section 13-1-182 NMSA 1978 of the Procurement Code if: 1) a prospective contractor, a family member of the prospective contractor, or a representative of the prospective contractor gives a campaign contribution or other thing of value to an applicable public official or the applicable public official's employees during the pendency of the procurement process or 2) a prospective contractor fails to submit a fully completed disclosure statement pursuant to the law.

The state agency or local public body that procures the services or items of tangible personal property shall indicate on the form the name or names of every applicable public official, if any, for which disclosure is required by a prospective contractor.

**THIS FORM MUST BE INCLUDED IN THE REQUEST FOR PROPOSALS AND MUST BE FILED BY ANY PROSPECTIVE CONTRACTOR WHETHER OR NOT THEY, THEIR FAMILY MEMBER, OR THEIR REPRESENTATIVE HAS MADE ANY CONTRIBUTIONS SUBJECT TO DISCLOSURE.**

The following definitions apply:

**“Applicable public official”** means a person elected to an office or a person appointed to complete a term of an elected office, who has the authority to award or influence the award of the contract for which the prospective contractor is submitting a competitive sealed proposal or who has the authority to negotiate a sole source or small purchase contract that may be awarded without submission of a sealed competitive proposal.

**“Campaign Contribution”** means a gift, subscription, loan, advance or deposit of money or other thing of value, including the estimated value of an in-kind contribution, that is made to or received by an applicable public official or any person authorized to raise, collect or expend contributions on that official’s behalf for the purpose of electing the official to statewide or local office. “Campaign Contribution” includes the payment of a debt incurred in an election campaign, but does not include the value of services provided without compensation or unreimbursed travel or other personal expenses of individuals who volunteer a portion or all of their time on behalf of a candidate or political committee, nor does it include the administrative or solicitation expenses of a political committee that are paid by an organization that sponsors the committee.

**“Family member”** means spouse, father, mother, child, father-in-law, mother-in-law, daughter-in-law or son-in-law of (a) a prospective contractor, if the prospective contractor is a natural person; or (b) an owner of a prospective contractor.

**“Pendency of the procurement process”** means the time period commencing with the public notice of the request for proposals and ending with the award of the contract or the cancellation of the request for proposals.

**“Prospective contractor”** means a person or business that is subject to the competitive sealed proposal process set forth in the Procurement Code or is not required to submit a competitive sealed proposal because that person or business qualifies for a sole source or a small purchase contract.

**“Representative of a prospective contractor”** means an officer or director of a corporation, a member or manager of a limited liability corporation, a partner of a partnership or a trustee of a trust of the prospective contractor.

Name(s) of Applicable Public Official(s) if any: \_\_\_\_\_  
(Completed by State Agency or Local Public Body)

**DISCLOSURE OF CONTRIBUTIONS BY PROSPECTIVE CONTRACTOR:**

Contribution Made By: \_\_\_\_\_

Relation to Prospective Contractor: \_\_\_\_\_

Date Contribution(s) Made: \_\_\_\_\_

Amount(s) of Contribution(s) \_\_\_\_\_

Nature of Contribution(s) \_\_\_\_\_

Purpose of Contribution(s) \_\_\_\_\_  
\_\_\_\_\_

(Attach extra pages if necessary)

\_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Title (position)

**--OR--**

**NO CONTRIBUTIONS IN THE AGGREGATE TOTAL OVER TWO HUNDRED FIFTY DOLLARS (\$250) WERE MADE** to an applicable public official by me, a family member or representative.

\_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Title (Position)

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**APPENDIX C**

**Resident Veterans Preference Certification**

\_\_\_\_\_ (NAME OF CONTRACTOR) hereby certifies the following in regard to application of the resident veterans' preference to this procurement.

**Please check one box only:**

- I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is less than \$1M allowing me the 10% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.
- I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$1M but less than \$5M allowing me the 8% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.
- I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$5M allowing me the 7% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

“I agree to submit a report or reports to the State Purchasing Division of the General Services Department declaring under penalty of perjury that during the last calendar year starting January 1 and ending on December 31, the following to be true and accurate:

“In conjunction with this procurement and the requirements of this business application for a Resident Veteran Business Preference/Resident Veteran Contractor Preference under Sections 13-1-21 or 13-1-22 NMSA 1978, which awarded a contract which was on the basis of having such veterans preference, I agree to report to the State Purchasing Division of the General Services Department the awarded amount involved. I will indicate in the report the award amount as a purchase from a public body or as a public works contract from a public body as the case may be.”

“I understand that knowingly giving false or misleading information on this report constitutes a crime”.

I declare under penalty of perjury that this statement is true to the best of my knowledge. I understand that giving false or misleading statements about material fact regarding this matter constitutes a crime.

\_\_\_\_\_  
(Signature of Business Representative)\*

\_\_\_\_\_  
(Date)

\*Must be an authorized signatory of the Business.

The representations made in checking the boxes constitutes a material representation by the business that is subject to protest and may result in denial of an award or un-award of the procurement involved if the statements are proven to be incorrect.

SIGNED AND SEALED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2013.

\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:

\_\_\_\_\_

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## **APPENDIX D**

### **SPECIFICATIONS**

#### **1. BACKGROUND**

The Electrical Exterior and Interior Lighting for the Adult Detention Facility and the Youth Development Program Facility project will replace nonfunctional fixtures that are required for NMAC accreditation; resolve security issues and enhance poor/inadequate lighting. In addition, new LED lighting will decrease the cost of power and increase efficiency.

#### **2. SCOPE OF WORK**

The contractor shall:

The Contractor shall provide all fixtures as per attached specifications; if equivalent must provide specifications and sample of item (please see Attachment for specifications on all fixtures). All proposals must include specification sheets and photometric data sheets for all proposed fixtures that meet or exceed the specifications for the fixtures listed herein. Any fixture proposed as an equivalent must provide equal or greater luminance than the specified fixtures and must provide equal or superior tamper and vandal resistance. The use of brand names in this solicitation is for the purpose of describing the standard of quality, performance and characteristics desired and is not intended to limit or restrict competition.

Contractor shall provide Santa Fe County the proper paperwork and authorization from PNM regarding rebates for LED upgrade. It is the Contractor responsibility to research paperwork, registration and rebates from PNM for the energy savings program. If any rebates are available the contractor shall be responsible for submitting all paperwork and any rebates shall be issued in the form of a check to Santa Fe County.

Santa Fe County Corrections will dispose of all exterior perimeter fixtures at ADF and YDP. Contractor will be responsible for disposal of all interior fixtures at ADF. For Security measures, any fixtures that are removed must have new fixtures installed and functional by the end of the business day.

- A. Exterior light poles to include LED fixture heads and concrete bases at the Santa Fe County Adult Detention Facility (ADF).
  1. Utilize existing light poles in the-perimeter of the facility to install/retrofit LED fixture heads to existing poles.
  2. Use existing wires (277v) for fixture heads.
  3. Provide and install six (6) wall packs (250 watt metal halide) throughout exterior walls of facility; light fixtures to be activated off of existing wall packs.

4. Provide and install eighteen (18) CREE ARE-EHO-3 M-AA-24-D-UH-BZ-700 or equivalent high output area luminaire-Type III Medium distributions, adjustable arm mount on perimeter poles, 3 heads per existing poles in perimeter area.
5. Provide one (1) new concrete base based on engineer's specifications that comply with NEC and ICC.
6. Provide drawings for concrete bases stamped by a Registered Professional Engineer.
7. Contractor will provide and install one (1) 30' pole (or equal height of existing poles) with 3 fixture heads (CREE ARE-EHO-3M-AA-24-D-UH-BZ-700 or equivalent). Power to be provided from loading dock light pole to outside of northeast corner of loading dock area (approx. 185 feet from existing pole to new pole).
8. Responsible for all excavation, backfilling, line locates (811) and installation of appropriate size conduit, wires and depth for new light poles. Contractor must trench underneath driveway of north loading dock gate for power.

B. Correctional-grade fixtures at the Adult Detention Facility (ADF)

1. Provide 230 (two hundred-thirty) Kenall # WCB-2-3/3-25L40K-DCC-DV-1/B-1-DLN or equivalent fixtures and install 216 in Alpha, Bravo and Charlie units. Remaining 14 will be provided as reserve.
2. Provide 46 (forty-six) SDSA-2-3/3-50L40K-DCC-DV-1/B-1-WL or equivalent fixtures and install 36 in showers located in Alpha, Bravo and Charlie units. Remaining 10 will be provided as reserve.
3. Provide 34 (thirty-four) Kenall # SSA-2-3/3-25L40K-DCC-DV-1/B-1 or equivalent fixtures and install 24 in Delta dorm areas. Remaining 10 will be provided as reserve.
4. Provide 40 (forty) Refractor Wall Packs, HUBBLE # PGM3-30LU-5K-BZ or equivalent fixtures and install 34 on exterior walls of building. Remaining 6 will be provided as reserve.
5. Provide 58 (fifty-eight) Kenall SSA -4-3/3-50L40K-DCC-DV-1/B-1 or equivalent fixtures and install 48 in Delta dorms and bathroom areas. Remaining 10 will be provided as reserve.
6. Provide 24 (twenty-four) Kenall WCB-1-3/3-25L40K-DCC-DV-1/B-1 or equivalent fixtures and install over sinks in Delta pods. Remaining 12 will be provided as reserve.
7. Provide 230 (two hundred-thirty) Kenall # WCB-1-3/3-25L40K-DCC-DV-1/B-1 or equivalent fixtures and install 144 in Bravo and Charlie. Remaining 86 will be provided as reserve.

C. Contractor shall install concrete bases for light poles and install the following fixtures:

1. Install new concrete bases for five (5) existing poles in the parking lot areas. Existing poles will be re-used for this application and new fixtures will be installed; four (4) poles will have single head fixtures and one (1) pole will have two (2) fixture heads.

- a. Excavate existing concrete bases for removal with minimal patch work. A 5'X5' square for excavation will be allowed. Contractor is responsible for backfilling, padding, tamping and asphalt.
2. Install additional conduit and feeders for new concrete bases. Underground junction boxes will not be acceptable. All junction boxes must be accessible.
3. Concrete bases and rebar must be installed according to NEC and ICC.
4. Provide drawings stamped by a registered Professional Engineer.
5. Responsible for excavation, backfilling, line locates (811), installing junction boxes for electrical wiring and installing additional wires for the new light poles.

D. Correctional-grade fixtures at the Youth Development Program Facility (YDP):

1. Provide 14 (fourteen) HUBBEL # LMC – 30LU-5K-3-1 or equivalent full cut – off exterior wall pack and install 10 with the remaining 4 to be provided as reserve.
2. Provide 27 (twenty-seven) Spaulding # CL1-A-60L-U-5K-3-DB or equivalent fixtures and install in parking lot, perimeter and recreational areas or equivalent.

E. Possess the appropriate licensure issued by the State Construction Industries Division (CID) to cover the type of work described below. No offer shall be submitted unless the contractor has a valid license issued by CID to bid and perform the type of work to be undertaken.

F. Provide all clean-up for its operations and control of construction debris. All construction debris shall be removed from the work areas and disposed of at an approved waste disposal site before the end of each work day. The ADF or YDP trash containers for the building shall not be used for disposal of construction debris.

G. Obtain any and all permits and/or certifications required by all appropriate regulatory agencies for the work performed and for any equipment installed. It is the contractor's responsibility to research permitting and regulatory requirements and obtain any and all permits, certifications or other regulatory approvals/requirements prior to installation of equipment. This may include, but is not limited to, any engineered systems, building codes, construction permits and product warranties or certifications. Copies of all permits must be submitted to Santa Fe County prior to start of work.

H. Contractor will be responsible for all necessary paper work to obtain any and all rebates PNM offers for efficient lighting.

### 3. SUBCONTRACTOR

The primary contractor must be wholly responsible for the entire performance whether to not subcontractors are used. Santa Fe County will make payments directly to the contractor. Subcontractors require the same applicable licensing and insurance coverage requirements as the primary contractor.

#### 4. SECURITY

Security clearances and background checks will be required by the facility for the contractor, its employees and subcontractors and must be obtained prior to commencement of any work at the facility. The contractor must keep required security clearances for workers assigned to perform the work for this project prior to their arrival on site and throughout the duration of the project. The Corrections Department reserves the right to deny security clearance to any employee of the contractor, and/or subcontractor who is in violation of any criteria required for the security clearance. Santa Fe County Corrections Department will obtain and maintain the security clearances.

The Corrections Department reserves the right to provide an escort and/or full time supervision of the contractor, its employees and/or subcontractors during any or all phases of the project if the ADF or YDP feels it is in the best interest to provide these extraordinary security measures.

The Corrections Department reserves the right to escort any and all employees of the contractor and/or subcontractors off its property for any inappropriate conduct or actions that jeopardize the safety, security or well-being of the facility. Inappropriate behavior by the contractor, its employees or subcontractors shall immediately cancel this contract. Any employee of the contractor found in violation of any law while on the Department's property will be prosecuted.

The contractor shall abide by the tool and material control requirements established by ADF or YDP.

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**APPENDIX E  
SAMPLE CONTRACT**

**AGREEMENT  
BETWEEN SANTA FE COUNTY AND \_\_\_\_\_  
TO PROVIDE ELECTRICAL SERVICES TO INSTALL EXTERIOR AND INTERIOR  
LIGHTS AT THE SANTA FE ADULT DETENTION FACILITY AND YOUTH  
DEVELOPMENT PROGRAM**

**THIS AGREEMENT** is made and entered into on this \_\_\_\_ day of \_\_\_\_\_, 2013, by and between **SANTA FE COUNTY** (hereinafter referred to as the "County"), a New Mexico political subdivision, and \_\_\_\_\_ (hereinafter referred to as the "Contractor").

**WHEREAS**, in order to meet requirements of NMAC for accreditation, new electrical exterior and interior lighting for the Adult Detention Facility and the Youth Development Program Facility will replace nonfunctional fixtures to resolve security issues and enhance poor/inadequate lighting;

**WHEREAS**, the County procured the services of the Contractor through IFB 2014-0069-CORR/IC in conformity with the Santa Fe County Procurement Regulations; and

**WHEREAS**, Contractor submitted the lowest bid and is capable of and willing to perform the electrical work requiring a licensed professional.

**NOW THEREFORE**, in consideration of the premises and mutual obligations herein, the parties hereto do mutually agree as follows:

**1. SCOPE OF WORK**

The Contractor shall provide the following materials and services:

The contractor shall:

- A. Exterior light poles to include LED fixture heads and concrete bases at the Santa Fe County Adult Detention Facility (ADF).
  - 1. Utilize existing light poles in the-perimeter of the facility to install/retrofit LED fixture heads to existing poles.
  - 2. Use existing wires (277v) for fixture heads.
  - 3. Provide and install six (6) wall packs (250 watt metal halide) throughout exterior walls of facility; light fixtures to be activated off of existing wall packs.
  - 4. Provide and install eighteen (18) CREE ARE-EHO-3 M-AA-24-D-UH-BZ-700 high output area luminaire-Type III Medium distributions, adjustable arm mount on perimeter poles, 3 heads per existing poles in perimeter area.
  - 5. Provide one (1) new concrete base based on engineer's specifications that comply with NEC and ICC.

6. Provide drawings for concrete bases stamped by a Registered Professional Engineer.
7. Contractor will provide and install one (1) 30' pole (or equal height of existing poles) with 3 fixture heads (CREE ARE-EHO-3M-AA-24-D-UH-BZ-700). Power to be provided from loading dock light pole to outside of northeast corner of loading dock area (approx. 185 feet from existing pole to new pole).
8. Responsible for all excavation, backfilling, line locates (811) and installation of appropriate size conduit, wires and depth for new light poles. Contractor must trench underneath driveway of north loading dock gate for power.

B. Correctional-grade fixtures at the Adult Detention Facility (ADF)

1. Provide 230 (two hundred-thirty) Kenall # WCB-2-3/3-25L40K-DCC-DV-1/B-1-DLN fixtures and install 216 in Alpha, Bravo and Charlie units. Remaining 14 will be provided as reserve.
2. Provide 46 (forty-six) SDSA-2-3/3-50L40K-DCC-DV-1/B-1-WL fixtures and install 36 in showers located in Alpha, Bravo and Charlie units. Remaining 10 will be provided as reserve.
3. Provide 34 (thirty-four) Kenall # SSA-2-3/3-25L40K-DCC-DV-1/B-1 fixtures and install 24 in Delta dorm areas. Remaining 10 will be provided as reserve.
4. Provide 40 (forty) Refractor Wall Packs, HUBBLE # PGM3-30LU-5K-BZ fixtures and install 34 on exterior walls of building. Remaining 6 will be provided as reserve.
5. Provide 58 (fifty-eight) Kenall SSA -4-3/3-50L40K-DCC-DV-1/B-1 fixtures and install 48 in Delta dorms and bathroom areas. Remaining 10 will be provided as reserve.
6. Provide 24 (twenty-four) Kenall WCB-1-3/3-25L40K-DCC-DV-1/B-1 fixtures and install over sinks in Delta pods. Remaining 12 will be provided as reserve.
7. Provide 230 (two hundred-thirty) Kenall # WCB-1-3/3-25L40K-DCC-DV-1/B-1 fixtures and install 144 in Bravo and Charlie. Remaining 86 will be provided as reserve.

C. Contractor shall install concrete bases for light poles and install the following fixtures:

1. Install new concrete bases for five (5) existing poles in the parking lot areas. Existing poles will be re-used for this application and new fixtures will be installed; four (4) poles will have single head fixtures and one (1) pole will have two (2) fixture heads.
  - a. Excavate existing concrete bases for removal with minimal patch work. A 5'X5' square for excavation will be allowed. Contractor is responsible for backfilling, padding, tamping and asphalt.
2. Install additional conduit and feeders for new concrete bases. Underground junction boxes will not be acceptable. All junction boxes must be accessible.
3. Concrete bases and rebar must be installed according to NEC and ICC.
4. Provide drawings stamped by a registered Professional Engineer.

5. Responsible for excavation, backfilling, line locates (811), installing junction boxes for electrical wiring and installing additional wires for the new light poles.

D. Correctional-grade fixtures at the Youth Development Program Facility (YDP).

1. Provide 14 (fourteen) HUBBEL # LMC – 30LU-5K-3-1 Full cut – off exterior wall pack and install 10 with the remaining 4 to be provided as reserve.
2. Provide 27 (twenty-seven) Spaulding # CL1-A-60L-U-5K-3-DB fixtures and install in parking lot, perimeter and recreational areas or equivalent.

E. Contractor shall possess the appropriate licensure issued by the State Construction Industries Division (CID) to cover the type of work described below.

F. Provide all clean-up for its operations and control of construction debris. All construction debris shall be removed from the work areas and disposed of at an approved waste disposal site before the end of each work day. The ADF or YDP trash containers shall not be used for disposal of construction debris.

G. Obtain any and all permits and/or certifications required by all appropriate regulatory agencies for the work performed and for any equipment installed. It is the Contractor's responsibility to research permitting and regulatory requirements and obtain any and all permits, certifications or other regulatory approvals/requirements prior to installation of equipment. This may include, but is not limited to, any engineered systems, building codes, construction permits and product warranties or certifications. Copies of all permits must be submitted to Santa Fe County prior to start of work.

H. Contractor will be responsible for all necessary paper work to obtain any and all rebates PNM offers for efficient lighting.

**2. EFFECTIVE DATE; DATE OF COMMENCEMENT AND COMPLETION**

The effective date of this Agreement is the date indicated above and the services under this Agreement shall be completed within ninety (90) calendar days from the date the County issues a notice to proceed, unless earlier terminated pursuant to Section 6 (Termination) or Section 7 (Appropriations and Authorizations). The Contractor shall commence the services and work on the date indicated on the Notice to Proceed issued by the County.

**3. COMPENSATION AND PAYMENT**

A. In consideration of its obligations under this Agreement the Contractor shall be compensated as follows. In no event shall the total compensation paid to Contractor by County under this Agreement exceed \_\_\_\_\_ (\$ \_\_\_\_\_), exclusive of New Mexico gross receipts tax.

- B. The Contractor shall submit a written request for payment to the County when payment is due under this Agreement. Upon the County's receipt of the written request, the County shall issue a written certification of complete or partial acceptance or rejection of the contractual items or services for which payment is sought.
- C. Contractor acknowledges and agrees that the County may not make any payment hereunder unless and until it has issued a written certification accepting the contractual items or services. The County shall issue payment of all undisputed amounts within twenty-one (21) days after the County receives an undisputed request for payment from the Contractor. In the event the County fails to tender payment within twenty (21) days after receipt of an undisputed request for payment, the County shall pay interest to the Contractor beginning on the twenty-second day after payment was due, computed at one and one-half percent (1.5%) of the undisputed amount per month or fraction of a month until the payment is issued.
- D. Payment under this Agreement shall not foreclose the right of the County to recover excessive or illegal payment.

**4. LIQUIDATED DAMAGES**

- A. Liquidated damages in the amount of one hundred dollars (\$100.00) per each calendar day shall be assessed after the completion date (as adjusted by change orders) until the issuance of a Certificate of Substantial Completion for the entire project for ADF and YDP.

**5. ADDITIONAL SERVICES**

- A. The parties agree that all work and services set forth in Section 1 (Scope of Work) of this Agreement, shall be completed in full, to the satisfaction of the County
- B. The County may from time-to-time request changes in the Scope of Work to be performed hereunder. Such changes, including any increase or decrease in the amount of the Contractor's compensation, which are mutually agreed upon by and between the County and the Contractor, shall be incorporated in a written amendment to this Agreement.

**6. TERMINATION**

- A. Termination of Agreement for Cause. Either party may terminate the Agreement based upon any material breach of this Agreement by the other party. The non-breaching party shall give the breaching party written notice of termination specifying the grounds for the termination. The termination shall be effective twenty (20) days from the breaching party's receipt of the notice of termination, during which time the breaching party shall have the right to cure the breach. If, however,

the breach cannot with due diligence be cured within twenty (20) days, the breaching party shall have a reasonable time to cure the breach, provided that, within ten (10) days of its receipt of the written notice of termination, the breaching party began to cure the breach and advised the non-breaching party in writing that it intended to cure.

- B. Termination for Convenience of the County. The County may, in its discretion, terminate this Agreement at any time for any reason by giving the Contractor written notice of termination. The notice shall specify the effective date of termination, which shall not be less than ten (10) days from the Contractor's receipt of the notice.

## **7. APPROPRIATIONS AND AUTHORIZATIONS**

This Agreement is contingent upon sufficient appropriations and authorizations being made for performance of this Agreement by the Board of County Commissioners of the County and/or, if state funds are involved, the Legislature of the State of New Mexico. If sufficient appropriations and authorizations are not made in this or future fiscal years, this Agreement shall terminate upon written notice by the County to the Contractor. Such termination shall be without penalty to the County, and the County shall have no duty to reimburse the Contractor for expenditures made in the performance of this Agreement. The County is expressly not committed to expenditure of any funds until such time as they are programmed, budgeted, encumbered and approved for expenditure by the County. The County's decision as to whether sufficient appropriations and authorizations have been made for the fulfillment of this Agreement shall be final and not subject to challenge by the Contractor in any way or forum, including a lawsuit.

## **8. INDEPENDENT CONTRACTOR**

The Contractor and its agents are independent contractors and not employees or agents of the County. Accordingly, the Contractor and its agents and employees shall not accrue leave, participate in retirement plans, insurance plans, or liability bonding, use County vehicles, or participate in any other benefits afforded to employees of the County. Except as may be expressly authorized elsewhere in this Agreement, the Contractor has no authority to bind, represent, or otherwise act on behalf of the County and agrees not to purport to do so.

## **9. ASSIGNMENT**

The Contractor shall not assign or transfer any interest in this Agreement or assign any claims for money due or to become due under this Agreement without the advance written approval of the County. Any attempted assignment or transfer without the County's advance written approval shall be null and void and without any legal effect.

## **10. SUBCONTRACTING**

- A. Contractor shall be wholly responsible for the entire performance of the work whether or not subcontractors are used. The County will make payments directly to the

Contractor. Contractor is wholly responsible for making any and all payments to its subcontractors in conformity with the Prompt Payment Act, NMSA 1978, § 57-28-5.

- B. Contractor shall not subcontract or delegate any portion of the services to be performed under this Agreement without the advance written approval of the County. Any attempted subcontracting or delegating without the County's advance written approval shall be null and void and without any legal effect.

**11. CONTRACTOR AND CONTRACTOR'S PERSONNEL OR SUBCONTRACTORS**

- A. All work performed under this Agreement shall be performed by the Contractor or under its supervision.
- B. The Contractor represents that it has, or will secure at its own expense, all personnel required to discharge its obligations under this Agreement. Such personnel (i) shall not be employees of or have any contractual relationships with the County and (ii) shall be fully licensed and qualified to perform such work or services.
- C. Contractor shall not employ any employees, personnel, or subcontractors who have not completed a County-approved security clearance or background check for the completion of the work under this Agreement. Any such employees, personnel or subcontractors that Contractor may employ after the effective date of this Agreement shall not begin any work until the County provides clearance or a background check is completed for that employee or subcontractor.
- D. The County may provide an escort or full time supervision of the Contractor and its employees during any or all phases of this work should the County determine that it is in the County's interest to do so.
- E. The County and the Corrections Department reserves the right to escort Contractor or any of Contractor's employees or subcontractors off the premises or facility for any inappropriate conduct or actions that jeopardize the safety, security or well-being of the facility. Inappropriate behavior by the Contractor, its employees, or subcontractors shall immediately cancel this Agreement. Any violation of any law by the Contractor, its employees or subcontractors will be prosecuted.

**12. RELEASE**

Upon the County's issuance of the final payment to Contractor or any termination that may occur earlier than the termination date of this Agreement, the Contractor releases the County, its elected officials, officers, agents and employees from all liabilities, claims, and obligations whatsoever arising from or under or relating to this Agreement.

**13. CONFIDENTIALITY**

Any confidential information provided to or developed by the Contractor in the performance of this Agreement shall be kept confidential and shall not be made available to any individual or organization by the Contractor without the prior written approval of the County.

**14. CONFLICT OF INTEREST**

The Contractor represents that it has no and shall not acquire any interest, direct or indirect, that would conflict in any manner or degree with the performance of its obligations under this Agreement.

**15. NO ORAL MODIFICATIONS; WRITTEN AMENDMENTS REQUIRED**

This Agreement may not be modified, altered, changed, or amended orally but, rather, only by an instrument in writing executed by the parties hereto. The Contractor specifically acknowledges and agrees that the County shall not be responsible for any changes to Section 1 (Scope of work), of this Agreement unless such changes are set forth in a duly executed written amendment to this Agreement.

**16. ENTIRE AGREEMENT; INTEGRATION**

This Agreement incorporates all the agreements, covenants, and understandings between the parties hereto concerning the subject matter hereof, and all such agreements, covenants and understandings have been merged into this written Agreement. No prior or contemporaneous agreement, covenant or understandings, verbal or otherwise, of the parties or their agents shall be valid or enforceable unless embodied in this Agreement.

**17. NOTICE OF PENALTIES**

The Procurement Code, NMSA 1978, Sections 13-1-28 through 13-1-199, imposes civil and criminal penalties for its violation. In addition, New Mexico criminal statutes impose felony penalties for bribes, gratuities, and kickbacks.

**18. EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE**

- A. The Contractor agrees to abide by all federal, state, and local laws, ordinances, and rules and regulations pertaining to equal employment opportunity and unlawful discrimination. Without in any way limiting the foregoing general obligation, the Contractor specifically agrees not to discriminate against any person with regard to employment with the Contractor or participation in any activity offered pursuant to this Agreement on the grounds of race, age, religion, color, national origin, ancestry, sex, physical or mental handicap, serious medical condition, spousal affiliation, sexual orientation, or gender identity.

- B. The Contractor acknowledges and agrees that failure to comply with this Section shall constitute a material breach of this Agreement.

**19. COMPLIANCE WITH APPLICABLE LAW; CHOICE OF LAW**

- A. In performing its obligations hereunder, the Contractor shall comply with all applicable laws, ordinances, and regulations.
- B. This Agreement shall be construed in accordance with the substantive laws of the State of New Mexico, without regard to its choice of law rules. Contractor and the County agree that the exclusive forum for any litigation between them arising out of or related to this Agreement shall be the state district court of New Mexico, located in Santa Fe County.

**20. RECORDS AND INSPECTIONS**

- A. To the extent its books and records relate to (i) its performance of this Agreement or any subcontract entered into pursuant to it or (ii) cost or pricing data (if any) set forth in this Agreement or that was required to be submitted to the County as part of the procurement process, the Contractor agrees to (i) maintain such books and records during the term of this Agreement and for a period of three (3) years from the date of final payment under this Agreement; (ii) allow the County or its designee to audit such books and records at reasonable times and upon reasonable notice; and (iii) to keep such books and records in accordance with generally accepted accounting principles (GAAP).
- B. To the extent its books and records relate to (i) its performance of this Agreement or any subcontract entered into pursuant to it or (ii) cost or pricing data (if any) set forth in this Agreement or that was required to be submitted to County as part of the procurement process, the Contractor also agrees to require any subcontractor it may hire to perform its obligations under this Agreement to (i) maintain such books and records during the term of this Agreement and for a period of three (3) years from the date of final payment under the subcontract; (ii) to allow the County or its designee to audit such books and records at reasonable times and upon reasonable notice; and (iii) to keep such books and records in accordance with GAAP.

**21. INDEMNIFICATION**

- A. The Contractor shall defend, indemnify, and hold harmless the County and its elected officials, agents, and employees from any losses, liabilities, damages, demands, suits, causes of action, judgments, costs or expenses (including but not limited to court costs and attorneys' fees) resulting from or directly or indirectly arising out of the Contractor's performance or non-performance of its obligations

under this Agreement, including but not limited to the Contractor's breach of any representation or warranty made herein.

- B. The Contractor agrees that the County shall have the right to control and participate in the defense of any such demand, suit, or cause of action concerning matters that relate to the County and that such suit will not be settled without the County's consent, such consent not to be unreasonably withheld. If a conflict exists between the interests of the County and the Contractor in such demand, suit, or cause of action, the County may retain its own counsel to represent the County's interest.
- C. The Contractor's obligations under this section shall not be limited by the provisions of any insurance policy the Contractor is required to maintain under this Agreement.

**22. SEVERABILITY**

If any term or condition of this Agreement shall be held invalid or non-enforceable by any court of competent jurisdiction, the remainder of this Agreement shall not be affected and shall be valid and enforceable to the fullest extent of the law.

**23. NOTICES**

Any notice required to be given to either party by this Agreement shall be in writing and shall be delivered in person, by courier service or by U.S. mail, either first class or certified, return receipt requested, postage prepaid, as follows:

To the County:            Santa Fe County  
                                 Office of the County Attorney  
                                 102 Grant Avenue  
                                 Santa Fe, New Mexico 87501

To the Contractor:

**24. CONTRACTOR'S REPRESENTATIONS AND WARRANTIES; CORRECTION OF WORK**

The Contractor hereby represents and warrants that:

- A. This Agreement has been duly authorized by the Contractor, the person executing this Agreement has authority to do so, and, once executed by the Contractor, this Agreement shall constitute a binding obligation of the Contractor.
- B. It has provided a performance bond and payment bond as required by the County, each for 100% of the contract sum.
- C. Contractor is licensed by the State Construction Industries Division (CID) to complete the type of work described in Section 1 herein. Contractor also represents and warrants that all its subcontractors, if any, are fully licensed by CID to complete the work described in Section 1 herein.
- D. The Contractor warrants to the County that the materials and equipment furnished by the Contractor will be new and of good quality and that the completed work will be free from defects and the work will conform to the Scope of Work specified in Section 1 herein.
- E. Contractor shall correct any work rejected by the County, without cost to the County, if the work does not conform to the specifications indicated in Section 1 herein. Contractor shall for a period of one (1) year after final completion of the work, correct any work that does not conform to the specifications in Section 1 herein.

**25. FACSIMILE SIGNATURES**

The parties hereto agree that a facsimile signature has the same force and effect as an original for all purposes.

**26. LIMITATION OF LIABILITY**

In no event shall the County be liable to the Contractor for special or consequential damages, even if the County was advised of the possibility of such damages prior to entering into this Agreement.

**27. NO THIRD-PARTY BENEFICIARIES**

This Agreement was not intended to and does not create any rights in any persons not a party hereto.

**28. INSURANCE**

- A. General Conditions. The Contractor shall submit evidence of insurance as is required herein. Policies of insurance shall be written by companies authorized to write such insurance in New Mexico.

- B. General Liability Insurance, Including Automobile. The Contractor shall procure and maintain during the life of this Agreement a comprehensive general liability and automobile insurance policy with liability limits in amounts not less than \$1,050,000.00 combined single limits of liability for bodily injury, including death, and property damage for any one occurrence. Said policies of insurance shall include coverage for all operations performed for the County by the Contractor; coverage for the use of all owned, non-owned, hired automobiles, vehicles and other equipment, both on and off work; and contractual liability coverage under which this Agreement is an insured contract. The County of Santa Fe shall be a named additional insured on the policy.
- C. Workers' Compensation Insurance. The Contractor shall comply with the provisions of the Workers' Compensation Act.

**29. PERMITS, FEES, AND LICENSES**

Contractor shall procure all permits and licenses, pay all charges and fees and give all notices necessary and incidental to the due and lawful performance of its obligations hereunder.

**30. NEW MEXICO TORT CLAIMS ACT**

No provision of this Agreement modifies or waives any sovereign immunity or limitation of liability enjoyed by County or its "public employees" at common law or under the New Mexico Tort Claims Act, NMSA 1978, Section 41-4-1, et seq.

**31. CAMPAIGN CONTRIBUTION DISCLOSURE FORM**

The Contractor agrees to compute and submit simultaneous with execution of this Agreement a Campaign Contribution Disclosure Form approved by the County.

**32. SURVIVAL**

The provisions of following Sections shall survive termination of this Contract; LIQUIDATED DAMAGES; INDEMNIFICATION; RECORDS AND INSPECTION; RELEASE, CONFIDENTIALITY; COMPLIANCE WITH APPLICABLE LAW; CHOICE OF LAW; LIMITATION OF LIABILITY; NEW MEXICO TORT CLAIMS ACT; NO THIRD-PARTY BENEFICIARIES; AND SURVIVAL.

**IN WITNESS WHEREOF**, the parties have duly executed this Agreement as of the date first written above.

**SANTA FE COUNTY:**

\_\_\_\_\_  
Kathleen S. Holian, Chair  
Santa Fe County Board of Commissioners

\_\_\_\_\_  
Date

**ATTEST:**

\_\_\_\_\_  
Geraldine, Salazar  
Santa Fe County Clerk

\_\_\_\_\_  
Date

**Approved as to Form**

\_\_\_\_\_  
Stephen C. Ross  
Santa Fe County Attorney

\_\_\_\_\_  
Date

**Finance Department Approval:**

\_\_\_\_\_  
Teresa C. Martinez  
Santa Fe County Finance Director

\_\_\_\_\_  
Date

**CONTRACTOR**

\_\_\_\_\_  
(Signature)

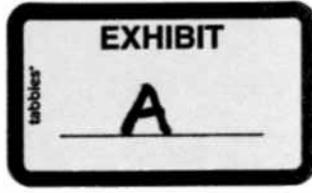
\_\_\_\_\_  
Date

By: \_\_\_\_\_  
(Print Name)

Its: \_\_\_\_\_  
(Print Title)

**FEDERAL TAX I.D. NUMBER:** \_\_\_\_\_





**LIGHT FIXTURE SCHEDULE**

TYPE	DESCRIPTION	VOLTS	MOUNTING	LAMPS	BALLAST	LENS	MANUFACTURER/MODEL NO	NOTES
A	9"Ø X 11" H X 2 1/2" WALL MOUNT, DETENTION GRADE, LED CLAM SHELL HOUSING WITH 14 GAUGE STAINLESS STEEL HOUSING/ BASE MATERIAL, 30W, 4000K, 1850 NOMINAL LUMENS, 125" PRISMATIC ACRYLIC INNER LENS, 375" CLEAR POLYCARBONATE OUTER LENS, LED NIGHT LIGHT WITH LIGHT LEVEL CONTROL	120/277	SURFACE WALL	LED 30W, 4000K, 1850 LUMENS	DIMMING CONSTANT CURRENT DRIVER	INNER = 125" PRISMATIC ACRYLIC OUTER = 375" POLYCARBONATE	KENALL # WCB-2-313-25L40K-DCC-DV-1/B-1-DLN	OVER SINK
B	9"Ø X 11" H X 2 1/2" WALL MOUNT, DETENTION GRADE, LED CLAM SHELL HOUSING WITH 14 GAUGE STAINLESS STEEL HOUSING/ BASE MATERIAL, 30W, 4000K, 1850 NOMINAL LUMENS, 125" PRISMATIC ACRYLIC INNER LENS, 375" CLEAR POLYCARBONATE OUTER LENS	120/277	SURFACE WALL	LED 30W, 4000K, 1850 LUMENS	DIMMING CONSTANT CURRENT DRIVER	INNER = 125" PRISMATIC ACRYLIC OUTER = 375" POLYCARBONATE	KENALL # WCB-2-313-25L40K-DCC-DV-1/B-1	OVER DESK
C	14.75" W X 25.44" L X 3.5" D CEILING MOUNT, DETENTION GRADE LED, 14 GAUGE STAINLESS STEEL HOUSING/ DOOR MATERIAL, 52W, 4000K, 3039 LUMENS, 125" PRISMATIC ACRYLIC INNER LENS, 375" POLYCARBONATE OUTER LENS, WET LOCATION LISTED	120/277	SURFACE CEILING	LED 52W, 4000K, 3039 LUMENS	DIMMING CONSTANT CURRENT DRIVER	INNER = 125" PRISMATIC ACRYLIC OUTER = 375" POLYCARBONATE	KENALL # SDSA-2-313-50L40K-DCC-DV-1/B-1-WL	SHOWER
D	11.25" W X 25.5" L X 7.75" D CEILING MOUNT, DETENTION GRADE LED, 14 GAUGE STAINLESS STEEL HOUSING/ BASE MATERIAL, 30W, 4000K, 1850 NOMINAL LUMENS, 125" PRISMATIC ACRYLIC INNER LENS, 375" CLEAR POLYCARBONATE OUTER LENS	120/277	SURFACE CEILING	LED 30W, 4000K, 1850 LUMENS	DIMMING CONSTANT CURRENT DRIVER	INNER = 125" PRISMATIC ACRYLIC OUTER = 375" POLYCARBONATE	KENALL # SSA-2-313-25L40K-DCC-DV-1/B-1	1' X 2' PODS
E	9" W X 9" D X 5" T CORNER MOUNT, DETENTION GRADE LED, CLAM SHELL HOUSING WITH 14 GAUGE STAINLESS STEEL HOUSING/ BASE MATERIAL, 52W, 4000K, 2865 LUMENS, 125" PRISMATIC ACRYLIC INNER LENS, 375" CLEAR POLYCARBONATE OUTER LENS	120/277	SURFACE WALL/ CEILING	LED 52W, 4000K, 3039 LUMENS	DIMMING CONSTANT CURRENT DRIVER	INNER = 125" PRISMATIC ACRYLIC OUTER = 375" POLYCARBONATE	KENALL # CC-4-313-50L40K-DCC-DV-1/B-1	CELLS
F	11.25" W X 49.5" L X 2.75" D CEILING MOUNT, DETENTION GRADE LED, 14 GAUGE STAINLESS STEEL HOUSING/ BASE MATERIAL, 59W, 4000K, 3656 LUMENS, 125" PRISMATIC ACRYLIC INNER LENS, 375" CLEAR POLYCARBONATE OUTER LENS	120/277	SURFACE CEILING	LED 52W, 4000K, 3656 LUMENS	DIMMING CONSTANT CURRENT DRIVER	INNER = 125" PRISMATIC ACRYLIC OUTER = 375" POLYCARBONATE	KENALL # SSA-4-313-50L40K-DCC-DV-1/B-1	1' X 4' PODS
G	15" SQUARE X 6" D EXTERIOR REFRACTOR WALL PACK, 69 WATT LED, 5078 LUMENS, 5100K, 700MA DRIVER, WET LOCATION LISTED, 5 YR WARRANTY	120/277	SURFACE WALL	LED (INCLUDED)	DRIVER	PRISMATIC BORO-SILICATE GLASS	HUBBELL # PGM3-30LU-5K-BZ	EXTERIOR WALL
H	FULL CUT-OFF EXTERIOR WALL PACK, DIE CAST AL CONSTRUCTION, 71 WATTS, LED, 6023 LUMENS, TYPE III DISTRIBUTION, 700MA DRIVER, WET LOCATION LISTED, 5 YEAR WARRANTY	120/277	SURFACE WALL	LED (INCLUDED)	DRIVER	N/A	HUBBELL # LMC-30LU-5K-3-1	EXTERIOR WALL
S	FULL CUT-OFF ARCHITECTURAL LED SHOEBOX, 21.75" L X 16" W X 6.75" D, L90 AT 60,000 HRS, AT 40 DEGREE C 140W, 12,840 LUMENS, 5000K, TYPE III DISTRIBUTION	120-277	EXISTING POLE	LED (INCLUDED)	DRIVER	N/A	SPAULDING # CL1-A-60L-U-5K-3-DB	EXISTING POLE

# MIGHTY MAC™

## WCB SERIES

### PRODUCT FEATURES:

- Surface wall mount – 8" x 11 1/4" x 1 1/2" (8" x 11 1/4" x 29" (8" x 11 1/4" x 53")
- One aperture
- Clamshell design prevents contaband concealment



### PROJECT INFORMATION

## SANTA FE DETENTION

Fixture Type

WCB-1-3/3-2-26Q-RS-1-DV-1/B-1

Approved by

### SPECIFICATIONS

**HOUSING:** One-piece, die-formed prime grade material as specified – see ordering information. Corners continuously seam welded and smooth with no post grinding (TIG). Clamshell housing resistant to penetration and contaband concealment.

**BASEPLATE:** Prime grade material as specified – see ordering information. Die-formed base plate (1/4" minimum) prevents contaband concealment and access. Embossed standoff prevents distortion.

**LENS:** As specified – maximum thickness .625" – see ordering information. Kenall recommends a prismatic inner lens and a clear outer lens. Two clear lenses used in combination cannot be provided.

**LENS RETENTION:** Vertically adjustable continuous 1/2" brackets of prime grade material, secured to housing via thru studs (8" maximum spacing).

**HINGE:** 2 completely concealed internal drop slot piano hinge (1/2" knuckle) 1/8" diameter pin standard. Pin secured to knuckle, hinge welded to housing and mounts to baseplate via keyholes. See Options for Full Length Internal Hinge (IHf) (standard on 1" housing).

**FASTENERS:** Hardened security screws as specified – see ordering information. Fully recessed.

**FINISH:** TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test, 1,000 hours. Reflectance: 92%.

**LAMPS:** Quantity and type as specified – see ordering information. Lamps supplied by others.

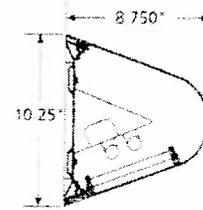
**BALLAST:** Quantity and type as specified – see ordering information. All ballasts UL listed class P. Optional removable reflector ballast tray with quick disconnect.

**LUMINOUS SEAL:** Polyurethane foam prevents light leaks from luminaire base.

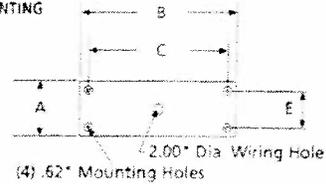
**INSTALLATION:** Fixture not suitable for Surface Conduit or Continuous Row Mounting.

**PHOTOMETRICS:** Efficiency of WCB4-0/0-2/2-6-1-1/20-1/0-1 w/ 57.2%. For photometric information, go to [www.kenall.com](http://www.kenall.com).

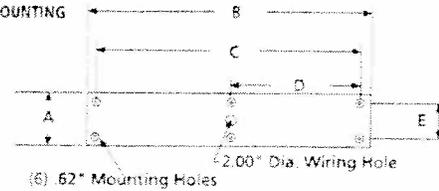
**LISTINGS:** UL and CUL listed for damp locations.



### 17" & 29" MOUNTING



### 53" MOUNTING



### DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E
17" Length	10.25	16.75	12.00	-	5.00
29" Length	10.25	28.75	24.00	-	5.00
53" Length	10.25	52.75	48.00	24.00	5.00

### ORDERING INFORMATION

Model <b>WCB</b>	Nominal Size <b>1</b>	Hsg./Base Mtrl <b>3/3 /</b>	Lamp Quantity <b>2</b>	Lamp Type <b>26Q</b>	Ballast Type <b>RS</b>	Ballast Qty <b>1</b>	Voltage <b>DV</b>	Lens (Inner/Outer) <b>1/B /</b>	Fastener <b>1</b>	Options
---------------------	--------------------------	--------------------------------	---------------------------	-------------------------	---------------------------	-------------------------	----------------------	------------------------------------	----------------------	---------

#### Nominal Size

- 1 8" x 11 1/4" x 1 1/2"
- 2 8" x 11 1/4" x 29"
- 4 8" x 11 1/4" x 53"

#### Housing/Base Material

- 0 14 Ga. CRS (Painted White)
- 3 14 Ga. SS (Painted White)
- 6\* 14 Ga. SS (Brushed)

#### Lamp Quantity (Downlight Component)

- 1 One
- 2 Two

#### Lamp Type

- 1 Nominal Length
- 13 13 Watt Twin
- 13Q 13 Watt Quad
- 26Q 26 Watt Quad

#### Lamp Type (cont.)

- 2 Nominal Length
- 17 F11T9
- 40B F40T1

#### 4" Nominal Length

- 32 F32T8

#### Ballast Type

- IS Instant Start Electronic (10% THD, 18")
- RS Radio Start Electronic (10% THD, CFL, 18")
- MB Magnetic Ballast (13 Watt Twin only)
- SB Sealed Ballast

#### Ballast Quantity

- 1 One
- 2 Two (Only with EL Option)

#### Voltage

- 120 120 Volts
- 277 277 Volts
- 347 347 Volts

#### Lens (Inner/Outer):

- 0 No Lens
- 1 125" Prismatic Acrylic
- 2 125" Prismatic Polycarbonate
- 3 125" Textured Polycarbonate
- G 125" Clear Polycarbonate
- 4 156" Prismatic Polycarbonate
- R 156" Prismatic Tempered Glass
- 6 187" Prismatic Polycarbonate
- 7 187" Clear Polycarbonate
- 8 187" Clear Tempered Glass
- 9 250" Clear Polycarbonate
- A 250" Clear Tempered Glass
- B 375" Clear Polycarbonate
- C 375" Clear Tempered Glass
- J 500" Clear Polycarbonate
- P 500" Clear Tempered Glass

#### Fastener

- 1 Torx® Head w/ Center Pin
- 2 Allen Head w/ Center Pin

#### Options

- EL\* Standard Lumen EL Pack (Only with 2 ballasts)
- PEL\* High Lumen EL Pack (Only with WCB1)
- SEL\* Sealed EL Pack
- CO Convenience Outlet
- DLN LED Night Light w/ Light Level Control
- FS Single Fuse & Holder
- GFI Ground Fault Outlet
- IHF Full length internal hinge
- RGT Removable Gear Tray
- RP Recessed Push Switch
- SK Speaker Housing Extension
- TC Touch Control Switch
- TN PL Night Light – 5/7.9 Watt (Lamp supplied by others (120-277V only)
- UV Ultraviolet Filter

\* Only as Base Material

• Refer to lens specifications

• Only w/ 13 Watt Twin



[www.kenall.com](http://www.kenall.com)

P. 800-4-Kenall

F. 847-360-1781

1020 Lakeside Drive Gurnee, Illinois 60031

When you see this image, you will know the Kenall product shown or described is manufactured in the USA with components purchased from US suppliers, and meets the Buy American Act requirements under the ABTA. Kenall has not determined the origin of its direct carry purchased components or the sub-components thereof. Content of specification sheets is subject to change. Please consult [www.kenall.com](http://www.kenall.com) for current product details. © 2013 Kenall, Inc. All rights reserved.

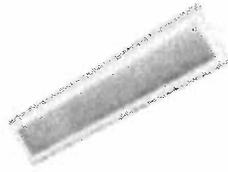
Rev. B/11/2012

# MIGHTY MAC™

## CC SERIES – LED

### PRODUCT FEATURES:

- Corner mount, hinged (nominal) 9" x 48"
- Camshell design prevents contaminants concealment
- Replaceable LED array with immediate constant current driver
- Vertically adjustable 2 bracket lens retention via 6" thru stud spacing



### PROJECT INFORMATION

Job Name
Fixture Type
Catalog Number
Approved by

### SPECIFICATIONS

**HOUSING:** One-piece die-formed probe grade material as specified – see ordering information. Corners continuously seam welded and smooth with no post grinding (TIG). Camshell housing resistant to penetration and contaminant concealment.

**BASEPLATE:** Probe grade material as specified – see ordering information. Die-formed blade trap (1/4" minimum) prevents contaminant and access. Embossed serrations prevent distortion.

**LENS:** As specified – maximum thickness .875" – see ordering information. Kenall recommends a prismatic inner lens and a clear outer lens. Two clear lenses used in combination cannot be provided.

**LENS RETENTION:** Vertically adjustable continuous "Z" brackets of probe grade material, secured to housing via thru studs (6" maximum spacing).

**HINGE:** 2" continuous heavy gauge internal band hinge (1/2" x 1/2" x 1/8" diameter pin) standard. Pin secured to knuckle hinge welded to housing and mounts to baseplate via keyholes. See Options for Full Length Internal Hinge (LHF).

**FASTENERS:** Hardened security screws as specified – see ordering information. Fully recessed.

**FINISH:** TIGC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours. Reflectance: 92%.

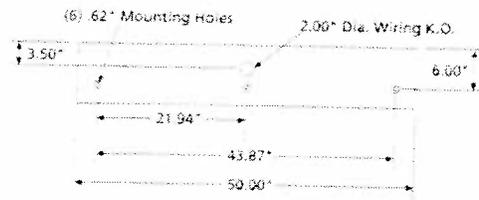
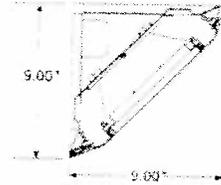
**ELECTRICAL:** Replaceable high brightness LED array in 4000K, 5000K and 5700K color temperatures. 70 CRI standard. See Options for higher CRI and availability. 120-277V AC high power factor constant current driver. 10-100% dimming with compatible 0-10V current sink dimmer. Compatible with Kenall SmartSense™ control system.

**LUMINOUS SEAL:** Polyurethane foam prevents light leaks from luminaire base.

**INSTALLATION:** Corner mount, surface. Fixture not suitable for Surface Conduit or Continuous Row Mounting.

**WARRANTY:** One (1) year warranty against defects in materials and workmanship. Five (5) year warranty on LED lamps and driver for defects resulting in a fixture lumen depreciation of 30% or greater.

**LISTINGS:** Luminaires certified to UL 1598 and UL 8750 standards by Intertek Testing Services. See ordering information for wet location applications. Photometry tested to the IESNA LM-79-06 standard by an ILLUMINOUS accredited laboratory. Kenall certifies product by both Underwriters and Intertek Testing Laboratories.



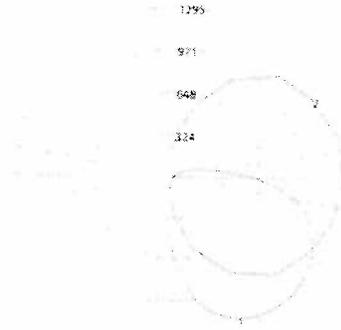
Nominal Size	9"W x 48"H
LED Nomenclature	50L40K
LED Wattage	50 Watt
Total Lumen Output	2855
Input Watts	50
Lumens / Watt	58
Nominal CCT	4000K

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Consult IES files at [www.kenall.com](http://www.kenall.com).

### ORDERING INFORMATION

Model	Nominal Size	Hsg./Base Mt.	Lamp Type	Driver Type	Voltage	Lens (Inner/Outer)	Fastener	Options
CC	4	/		DCC	DV	/		

<b>Nominal Size</b> 4 9"W x 48"H	<b>Lamp Type</b> 50L40K 50 Watt 4000K LED (1 DCC) (120-277V) 50L50K 50 Watt 5000K LED (1 DCC) (120-277V) 50L57K 50 Watt 5700K LED (1 DCC) (120-277V) 100L40K 100 Watt 4000K LED (1 DCC) (120-277V) 100L50K 100 Watt 5000K LED (1 DCC) (120-277V) 100L57K 100 Watt 5700K LED (1 DCC) (120-277V)	<b>Lens (Inner/Outer)†</b> 0 No Lens 1 125" Prismatic Acrylic 2 125" Prismatic Polycarbonate 3 125" Textured Polycarbonate G 125" Clear Polycarbonate 4 56" Prismatic Polycarbonate R 187" Prismatic Tempered Glass 6 187" Prismatic Polycarbonate 7 187" Clear Polycarbonate 8 187" Clear Tempered Glass 9 250" Clear Polycarbonate A 250" Clear Tempered Glass B 375" Clear Polycarbonate C 375" Clear Tempered Glass J 500" Clear Polycarbonate P 500" Clear Tempered Glass N 750" Clear Tempered Glass Y** 007" Diffuser Film	<b>Fastener</b> 1 Torx® Head w/ Center Pin 2 Allen Head w/ Center Pin	<b>Options</b> LEL LED Emergency Battery Backup (only with 120V) DLN LED Night Light w/Light Level Control FS Single Fuse & Holder LHF Full Length Internal Hinge R80 Minimum 80 CRI Lamp (4000K only) WL Wet Location Listed
<b>Housing/Base Material</b> 0 14-Ga CRS (Painted White) 1 16-Ga CRS (Painted White) 3 4-Ga SS (Passive White) 4 18-Ga SS (Painted White) 6* 4-Ga SS (Brushed) 7* 16-Ga SS (Brushed) 9 12-Ga CRS (Painted White)	<b>Driver Type</b> DCC Dimming Constant Current LED Driver	<b>Voltage</b> DV 120-277 Volts	<b>*Inches Base Material</b> <b>**Not only be used with clear outer lens</b> <b>† Refer to lens specifications</b>	



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 CC-LED-03-1012

# THE EDGE® ARE-EHO-3M-AA

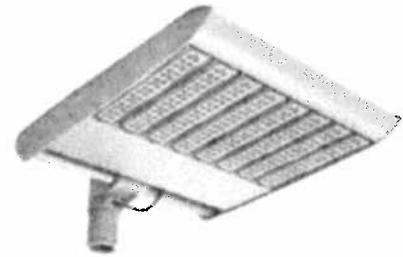
High Output Area Luminaire - Type III Medium - Adjustable Arm Mount

## Product Description

THE EDGE® high output (HO) area luminaire is designed to deliver high lumen packages with precise optical control. Upgrade friendly unit features a slim, low profile design that minimizes wind load requirements and rugged die cast aluminum adjustable arm that mounts to a vertical 2" (51mm) IP, 2.375-3" (60-76mm) O.D. tenon.

## Performance Summary

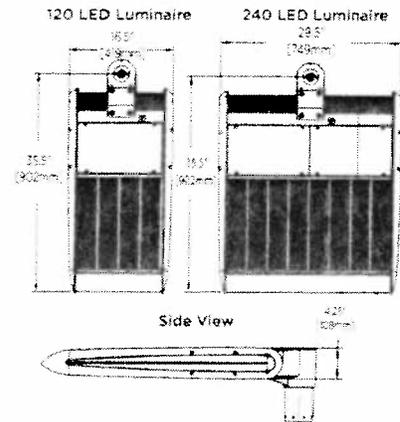
- Utilizes BetaLED® Technology
- Patented NanoOptic® Product Technology
- Made in the U.S.A. of U.S. and imported parts
- CRI: Minimum 70 CRI
- CCT: 5700K (+/- 500K) Standard, 4000K (+/- 300K)
- Warranty: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish



## Accessories



- XA-BRDSPKXAK12**  
Bird Spikes for 120 LED luminaires
- XA-BRDSPKXAK24**  
Bird Spikes for 240 LED luminaires

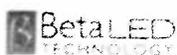


## Ordering Information

Example: ARE-EHO-3M-AA-12-D-UL-SV-700-OPTIONS

ARE-EHO	3M	AA	12	D	UL	SV	700	40K 4000K Color Temperature
ARE-EHO	3M Type III Medium	AA Adjustable Arm	12 24	D	UL Universal 120-277V UH Universal 347- 480V	SV Silver (Standard) BK Black BZ Bronze PB Platinum Bronze WH White	700 700mA 1000* 1000mA	<b>DIM 0-10V Dimming</b> - Control by others - Refer to dimming spec sheet for details - Can't exceed specified max current <b>F Fuse</b> - When code dictates fusing, use time delay fuse <b>R NEMA Photocell Receptacle</b> - Photocell by others - Not available with UP option <b>ML Multi-Level</b> - Refer to ML spec sheet for details - Not available with 240 LEDs @ 1 Amp - Not available with 12m voltage - Intended for downlight applications at 0° tilt <b>UP Uplight Configuration</b> - Product will be shipped orientated for upright installation

\* Not available with 12m voltage



Rev Date 10/16/2012



# High Output Area Luminaire – Type III Medium – Adjustable Arm Mount

## Product Specifications

### BETALED® TECHNOLOGY

Cree EDGE high output area luminaires are powered by BetaLED Technology delivering outstanding illumination, lasting performance and optimum energy efficiency. Patented NanoOptic® product technology optimizes target illumination, performance and offers flexibility with over 20 optic choices.

### CONSTRUCTION & MATERIALS

- Slim, low profile, minimizing wind load requirements
- Luminaire sides are rugged die cast aluminum with integral, weather-tight LED driver compartments and high performance heat sinks
- Adjustable mounting arm is rugged die cast aluminum and mounts to 2" (51mm) IP 2, 3/8"-3" (60-76mm) O.D. vertical tenon
- Extruded aluminum adjustable mounting shaft
- Luminaire is adjustable from horizontal 90° towards pole and 120° away from pole
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultradurable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Standard is silver. Bronze, black, white, and platinum bronze are also available

### ELECTRICAL SYSTEM

- **Input Voltage:** 120-277V or 347-480V, 50/60Hz, Class 1 drivers
- **Power Factor:** > 0.9 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Integral 10kV surge suppression protection standard
- When code dictates a slow blow fuse or type C/D breaker should be used to address inrush current

### REGULATORY & VOLUNTARY QUALIFICATIONS

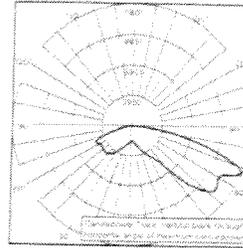
- cULus Listed
- Suitable for wet locations
- Consult factory for CE Certified products
- Certified to ANSI C136.39-2001, 3G bridge and overpass vibration standards
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2.
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- RoHS Compliant
- Meets Buy American requirements within ARRA

### PATENTS

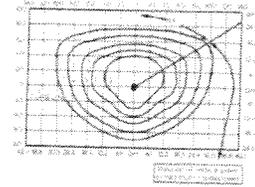
- Visit website for patents that cover these products. Patents <http://www.cree.com/patents>

## Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by independent testing laboratories in NVLAP Certified laboratory



ITL Test Report # 73524  
ARE-EHC-3M-1112-D-UL-1000-40K  
Initial Delivered Lumens: 24,485



ARE-EHC-3M-1112-D-UL-1000-40K  
Mounting Height: 25' (7.6m)  
Initial Delivered Lumens: 24,061  
Initial FC at grade

### IES Files

To obtain an IES file specific to your project consult: <http://www.cree.com/lighting/tools-and-support/exteriors-configuration-tool>

## Lumen Output, Electrical, and Lumen Maintenance Data

LED Count (x10)	Type III Medium Area Luminaire										50k Hours Projected Lumen Maintenance Factor at 15° C (59° F)**	
	5700K		4000K		System Watts 120-480V	TOTAL CURRENT						
	Initial Delivered Lumens	BUS Ratings* Per 1000Hr	Initial Delivered Lumens	BUS Ratings* Per 1000Hr		120V	208V	240V	277V	347V		480V
12	9,937	34 U, 33	6,430	31 U, 33	279	2.30	3.4	1.6	0	0.80	0.58	91%
24	19,874	64 U, 63	12,860	62 U, 63	558	4.60	6.8	3.2	0	1.60	1.16	
12	9,937	64 U, 63	12,860	34 U, 34	478	3.95	5.95	2.95	1.97	0.94	N/A	86%
24	19,874	128 U, 123	25,720	68 U, 64	956	7.90	11.90	5.90	3.94	1.88	N/A	

\* See bus ratings for the LED's. See lighting design guide for more information. [www.cree.com/LED/Products/7415-0001/areadepolemount-240v-120v-120v](http://www.cree.com/LED/Products/7415-0001/areadepolemount-240v-120v-120v)  
 \*\* Projected 50,000 hours (100,000Hr) for recommended lumen maintenance factor data see Table 1

## Weight and EPA

LED Count (x10)	Weight	50' (15.24m) Maximum Height								
		0	10	20	30	45	60	70	80	90
12	45 lbs (20.4kg)	140	140	160	240	330	395	435	435	435
24	80 lbs (36.3kg)	140	200	300	432	600	699	763	766	797

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# MIGHTY MAC™

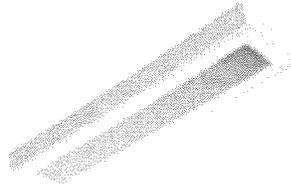
## SDSA – LED SERIES



PROJECT INFORMATION	
Job Name	
Fixture Type	
Catalog Number	
Approved by	

### PRODUCT FEATURES:

- Surface ceiling mount – 12" x 24", 12" x 48"
- Corners continuously seam welded and smooth with no post grinding (TIG)



### SPECIFICATIONS

**HOUSING:** One-piece die-formed prime grade material as specified – see ordering information. Corners continuously seam welded and smooth with no post grinding (TIG).

**DOOR:** One-piece die-formed prime grade material as specified – see ordering information.

**FINISH:** TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; reflectance: 92%.

**HINGE:** Staked and welded external piano hinge (1/2" knuckle/1/8" diameter pin) standard. See Options for Internal Hinge (IH) and Full Length Internal Hinge (IHF).

**LENS:** As specified, maximum thickness .625" – see ordering information. Kenall recommends a prismatic inner lens and a clear outer lens. Two clear lenses used in combination cannot be provided.

**LENS RETENTION:** Vertically adjustable continuous "Z" brackets of prime grade material, secured to housing via thru-studs (6" maximum spacing).

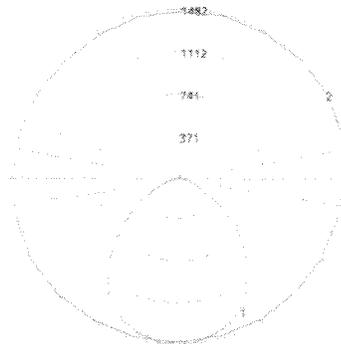
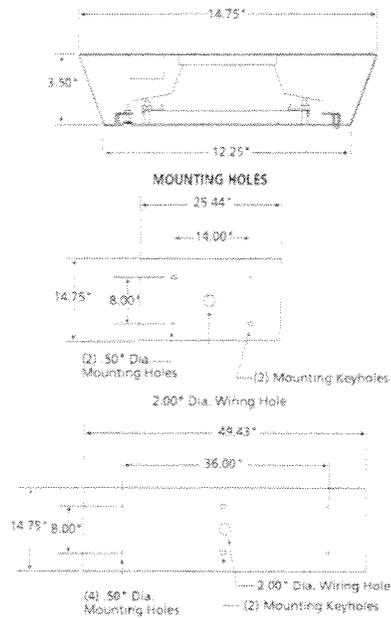
**ELECTRICAL:** Replaceable high-brightness LED array in 4000K, 5000K and 5700K color temperatures. 70 CRI standard. See Options for higher CRI lamp availability. 120-277VAC high power factor, constant current driver. 10-100% dimming with compatible 0-10V current-sink dimmer.

**FASTENERS:** Hardened security screws as specified – see ordering information. Fully recessed.

**PATENT:** U.S. Patent No. 7,431,473.

**WARRANTY:** One (1) year warranty against defects in materials and workmanship. Five (5) year warranty on LED lamps and driver for defects resulting in a fixture lumen depreciation of 30% or greater.

**LISTINGS:** Luminaire is certified to UL 1598 and UL 8750 standards by Intertek Testing Services for Damp Locations. See Options for Wet Location rating. Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO 17025 accredited laboratory.



Nominal Size	12"W x 24"H
LED Nomenclature	50L40K
LED Wattage	50 Watt
Total Lumen Output	3039
Input Watts	52
Lumens / Watt	58
Nominal CCT	4000K

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Consult IES files at [www.kenall.com](http://www.kenall.com).

### ORDERING INFORMATION

Model	Nominal Size	Hsg./Door Mtrl	Lamp Type	Driver	Voltage	Lens (Inner/Outer)	Fasteners	Options
<b>SDSA</b>		/		<b>DCC</b>		/		

<b>Nominal Size</b>	<b>4" Nominal Length</b>	<b>Lens (Inner/Outer)†</b>	<b>Fasteners</b>
2 12" x 24"	50L40K 50 Watt 4000K LED (1/DCC/120-277V)	0 No Lens	1 Torx® Head w/ Center Pin
4 12" x 48"	50L50K 50 Watt 5000K LED (1/DCC/120-277V)	1 .125" Prismatic Acrylic	2 Allen Head w/ Center Pin
	50L57K 50 Watt 5700K LED (1/DCC/120-277V)	2 .125" Prismatic Polycarbonate	
<b>Housing/Door Material</b>	<b>Driver</b>	3 .125" Textured Polycarbonate	<b>Options</b>
0 14-Ga. CRS (Painted)	DCC Dimming Constant Current LED Driver	4 .125" Clear Polycarbonate	LEL** LED Emergency Battery Backup
1 16-Ga. CRS (Painted)	<b>Voltage</b>	6 .156" Prismatic Polycarbonate	DLN LED Night Light w/ Light Level Control
2 18-Ga. CRS (Painted) (Note as Door Material)	120 120 Volts	R 156" Prismatic Tempered Glass	FS Single Fuse & Holder
3 14-Ga. SS (Painted)	277 277 Volts	6 187" Prismatic Polycarbonate	IH Internal Hinge
4 16-Ga. SS (Painted)	DV 120-277 Volts	7 187" Clear Polycarbonate	IHF Full Length Internal Hinge
6 14-Ga. SS (Brushed)		8 187" Clear Tempered Glass	KO 1/2" EMT Knockout
7 16-Ga. SS (Brushed)		9 250" Clear Polycarbonate	R80 Minimum 80 CRI Lamp (4000K only)
9 12-Ga. CRS (Painted)		A 250" Clear Tempered Glass	WL Wet Location Listed
<b>Lamp Type (Quantity, Driver, Voltage)</b>		B 375" Clear Polycarbonate	
<b>2" Nominal Length*</b>		C 375" Clear Tempered Glass	
50L40K 50 Watt 4000K LED (1/DCC/120-277V)		J 500" Clear Polycarbonate	
50L50K 50 Watt 5000K LED (1/DCC/120-277V)		P 500" Clear Tempered Glass	
50L57K 50 Watt 5700K LED (1/DCC/120-277V)		Y† .007" Diffuser Film	



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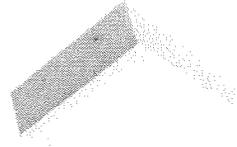
SDSA-LED\_091313

# MIGHTY MAC™

## SSA SERIES – LED

### PRODUCT FEATURES:

- » Surface ceiling mount – 12" x 48"
- » TIG welded housing with no post grinding for additional strength
- » Vertically adjustable bracket secured to housing via thru-studs
- » Completely concealed internal drop slot piano hinge



### PROJECT INFORMATION

Job Name
Fixture Type
Catalog Number
Approved by

### SPECIFICATIONS

**HOUSING:** One-piece die-formed prime grade material as specified – see ordering information. Corners continuously seam welded and smooth with no post grinding (TIG). Clamshell housing resistant to penetration and contoured concealment.

**BASEPLATE:** Prime grade material as specified – see ordering information. Die-formed plate (1/4" minimum) prevents contoured concealment and access. Embossed standoffs prevent distortion.

**LENS:** As specified – maximum total thickness .500" – see ordering information. Kenall recommends a prismatic inner lens and a clear outer lens. Two clear lenses used in combination cannot be provided.

**LENS RETENTION:** Vertically adjustable continuous "Z" brackets of prime grade material, secured to housing via thru-studs (6" maximum spacing).

**HINGE:** Completely concealed 2" drop slot internal piano hinge (1/2" knuckle/1/8" diameter pin) standard. Pin secured to knuckle, hinge welded to housing and mounts to either side of baseplate via keyholes. See Options for Full Length Internal Hinge (IHF).

**FASTENERS:** Hardened security screws as specified – see ordering information. Fully recessed.

**FINISH:** TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours. Reflectance: 92%.

**ELECTRICAL:** Replaceable high-brightness LED array in 4000K, 5000K and 5700K color temperatures. 70 CRI standard. See Options for Higher CRI lamp availability. 120-277VAC high power factor, constant current driver. 10-100% dimming with compatible 0-10V current-sink dimmer.

**LUMINOUS SEAL:** Polyurethane foam prevents light leaks from luminaire base.

**INSTALLATION:** Ceiling mount, surface; fixture not suitable for Surface Conduit or Continuous Row Mounting.

**PHOTOMETRICS:** For photometric information, go to [www.kenall.com](http://www.kenall.com).

**WARRANTY:** One (1) year warranty against defects in materials and workmanship. Five (5) year warranty on LED lamps and driver for defects resulting in a fixture lumen depreciation of 30% or greater.

**LISTINGS:** Luminaire is certified to UL 1598 and UL 8750 standards by Intertek Testing Services for Damp Locations. See Options for Wet Location rating. Photometry tested to the IESNA LM-79-08 standard by an ILAC05017029 accredited laboratory.

Nominal Size	12" W x 48" H
LED Nomenclature	50L40K
LED Wattage	50 Watt
Total Lumen Output	3656
Input Watts	59
Lumens / Watt	63
Nominal CCT	4000K

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Consult IES files at [www.kenall.com](http://www.kenall.com).

### ORDERING INFORMATION

Model	Nominal Size	Hsg./Base Matl	Lamp Type	Driver	Voltage	Lens (Inner/Outer)	Fastener	Options
SSA	4	/		DCC		/		

**Nominal Size**  
4 12" x 48"

#### Housing/Base Material

0	14-Ga CRS (Painted White)
1	16-Ga CRS (Painted White)
3	14-Ga SS (Painted White)
4	16-Ga SS (Painted White)
6*	14-Ga SS (Brushed White)
7*	16-Ga SS (Brushed White)

#### Lamp Type (Quantity, Driver, Voltage)

50L40K	50 Watt 4000K LED (1/DCC/120-277V)
50L50K	50 Watt 5000K LED (1/DCC/120-277V)
50L57K	50 Watt 5700K LED (1/DCC/120-277V)
100L40K	100 Watt 4000K LED (1/DCC/120-277V)
100L50K	100 Watt 5000K LED (1/DCC/120-277V)
100L57K	100 Watt 5700K LED (1/DCC/120-277V)

#### Driver

DCC Dimming Constant Current LED Driver

#### Voltage

DV 120-277

#### Lens (Inner/Outer)\*

0	No lens
1	1/25" Prismatic Acrylic
2	1/25" Prismatic Polycarbonate
3	1/25" Textured Polycarbonate
4	1/25" Clear Polycarbonate
G	1/56" Prismatic Polycarbonate
R	1/56" Prismatic Tempered Glass
6	1/87" Prismatic Polycarbonate

#### Lens (Inner/Outer)\* Cont.

7	1/87" Clear Polycarbonate
8	1/87" Clear Tempered Glass
9	2/50" Clear Polycarbonate
A	2/50" Clear Tempered Glass
B	3/75" Clear Polycarbonate
C	3/75" Clear Tempered Glass
J	5/60" Clear Polycarbonate
P	5/60" Clear Tempered Glass
Y**	007" Diffuser Film

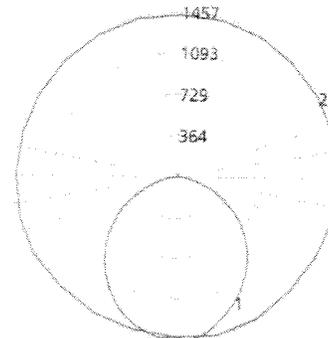
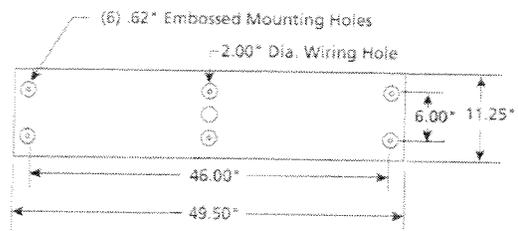
#### Fastener

1	10mm Head w/ Center Pin
2	Allen Head w/ Center Pin

#### Options

LEL	LED Emergency Battery Backup (Ina w/100L)
DLN	LED Night Light w/Light Level Control
FS	Single Fuse & Holder
IHF	Full Length Internal Hinge
R80	Minimum 80 CRI Lamp (4000K only)
WL	Wet Location Listed

- \* Ina as Base Material
- \*\* can only be used with clear outer lens
- ‡ Refer to lens specifications



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SSA-LED\_031 3/13

# MIGHTY MAC™

## WCB SERIES

### PRODUCT FEATURES:

- Surface wall mount – (9" x 11" x 17"), (9" x 11" x 29"), (9" x 11" x 53")
- One aperture
- Clamshell design prevents contraband concealment



PROJECT INFORMATION	
<b>SANTA FE DETENTION</b>	
Fixture Type	A
Model Number	WCB-2-3/3-2-17-IS-1-DV-1/B-1-DLN
Approved by	

### SPECIFICATIONS

**HOUSING:** One-piece formed prime grade material as specified – see ordering information. Corners continuously seam welded and smooth with no post grinding (TIG). Clamshell housing resistant to penetration and contraband concealment.

**BASEPLATE:** Prime grade material as specified – see ordering information. Die-formed slope trap (1/4" minimum) prevents contraband concealment and access. Embossed standoffs prevent distortion.

**LENS:** As specified – maximum thickness .605" – see ordering information. Kenali recommends a prismatic inner lens and a clear outer lens. Two clear lenses used in combination cannot be provided.

**LENS RETENTION:** Vertically adjustable continuous 1/2" brackets of prime grade material secured to housing via cross-studs (6" maximum spacing).

**HINGE:** 2" completely concealed internal drop slot piano hinge (1/2" knuckle 1/8" diameter pin) standard. Pin secured to knuckle, hinge welded to housing and mounts to baseplate via keyholes. See Options for Full Length Internal Hinge (IHF) (standard on 1" housing).

**FASTENERS:** Hardened security screws as specified – see ordering information. Fully recessed.

**FINISH:** TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test, 1,000 hours. Reflectance: 92%.

**LAMPS:** Quantity and type as specified – see ordering information. Lamps supplied by others.

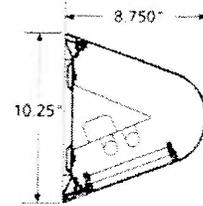
**BALLAST:** Quantity and type as specified – see ordering information. All ballasts UL listed class II. Optional removable retrofit lamp ballast tray with quick disconnect.

**LUMINOUS SEAL:** Polysulfone foam prevents light leaks from luminaire base.

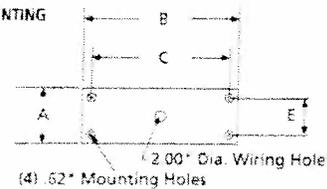
**INSTALLATION:** Fixture not suitable for Surface Conduit or Continuous Row Mounting.

**PHOTOMETRICS:** Efficiency of WCB4-3/3-332-3-1-120-1/8-1 is 67.2%. For photometric information, go to [www.kenali.com](http://www.kenali.com).

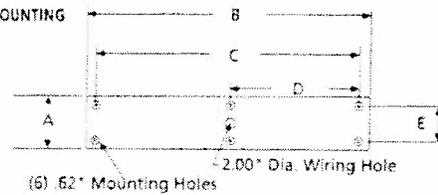
**LISTINGS:** UL and CUL listed for damp locations.



17" & 29" MOUNTING



53" MOUNTING



### DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E
17" Length	10.25	16.75	12.00	-	5.00
29" Length	10.25	28.75	24.00	-	5.00
53" Length	10.25	52.75	48.00	24.00	5.00

### ORDERING INFORMATION

Model	Nominal Size	Hsg. Base Mtr.	Lamp Quantity	Lamp Type	Ballast Type	Ballast Qty	Voltage	Lens (Inner/Outer)	Fastener	Options
WCB	2	3/3 /	2	17	IS	1	DV	1/B /	1	DLN

<b>Nominal Size</b>	<b>Lamp Type (cont.)</b>	<b>Lens (Inner/Outer)†</b>	<b>Options</b>
1 (9" x 11" x 17")	2' Nominal Length	0 No Lens	EL* Standard Lumen EL Pack (via with 2 ballasts)
2 (9" x 11" x 29")	17 F17TB	1 1.25" Prismatic Acrylic	PEL* High Lumen EL Pack (via with WCB's)
4 (9" x 11" x 53")	40B F40BT	2 1.25" Prismatic Polycarbonate	SEL* Specified EL Pack
	<b>4' Nominal Length</b>	3 1.25" Textured Polycarbonate	CO Convenience Outlet
	32 F32TB	G 1.25" Clear Polycarbonate	DLN LED Night Light w/light Level Control
	<b>Ballast Type</b>	4 1.56" Prismatic Polycarbonate	FS Single Fuse & Holder
	IS Instant Start Electronic w/ 0% THD (1%)	R 1.56" Prismatic Tempered Glass	GFI Ground Fault Outlet
	RS Rapid Start Electronic w/ 0% THD (0.7%)	6 1.87" Prismatic Polycarbonate	IHF Full Length Internal Hinge
	MB Magnetic Ballast (13 Watt Trim only)	7 1.87" Clear Polycarbonate	RGT Removable Gear Tray
	SS Soft-start Ballast	8 1.87" Clear Tempered Glass	RP Recessed Push Switch
	<b>Ballast Quantity</b>	9 2.50" Clear Polycarbonate	SK Speaker Housing Extension
	1 One	A 2.50" Clear Tempered Glass	YC Touch Control Switch
	2 Two (via with EL Option)	B 3.75" Clear Polycarbonate	TN PL Night Light – 5/7.9 Watt (Lamp supplied by other) (120/277V only)
	<b>Voltage</b>	C 3.75" Clear Tempered Glass	UV Ultraviolet Filter
	120 120 volts	J 5.00" Clear Polycarbonate	
	277 277 volts	P 5.00" Clear Tempered Glass	
	347 347 volts		
	<b>Fastener</b>		
	1 Torx Head w/ Center Pin		* Via as Base Material
	2 Allen Head w/ Center Pin		† Refer to lens specifications
			• via with 13 Watt Trim



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# MIGHTY MAC™

## SSA SERIES – LED

### PRODUCT FEATURES:

- Surface ceiling mount – 12" x 48"
- TIG welded housing with no post grinding for extra strength
- Vertically adjustable bracket secured to housing via thru-studs
- Completely concealed internal drop slot base hinge

### SPECIFICATIONS

**HOUSING:** One-piece deformed prime grade material as specified – see ordering information. Corners continuously seam welded and smooth with no post grinding (TIG). Clamshell housing resistant to penetration and contractor concealment.

**BASEPLATE:** Prime grade material as specified – see ordering information. Deformed base plate (1/4" minimum) prevents contractor concealment and access. Embossed standoffs prevent distortion.

**LENS:** As specified – max. min. total thickness .500" – see ordering information. Kenall recommends a prismatic inner lens and a clear outer lens. Two clear lenses used in combination cannot be provided.

**LENS RETENTION:** Vertically adjustable continuous 1/2" brackets of prime grade material, secured to housing via thru-studs (8" maximum spacing).

**HINGE:** Completely concealed 2" drop slot internal base hinge (1/2" knuckle 1/8" diameter post standard). Pin secured to knuckle. Hinge welded to housing and mounts to either side of baseplate via keyholes. See Options for Full Length Internal Hinge (IHF).

**FASTENERS:** Hardened security screws as specified – see ordering information. Fully recessed.

**FINISH:** F001. Polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours. Reflectance: 92%.

**ELECTRICAL:** Replaceable high brightness LED array in 4000K, 5000K and 5700K color temperatures. 70 CRI standard. See Options for higher CRI lamps available. 120-277VAC high power factor constant current driver. 10-100% dimming with compatible 0-10V current sink dimmer.

**LUMINOUS SEAL:** Polyurethane foam prevents light leaks from luminaire base.

**INSTALLATION:** Ceiling mount, surface. Fixture not suitable for Surface, Contour or Continuous Row Mounting.

**PHOTOMETRICS:** For photometric information, go to [www.kenall.com](http://www.kenall.com).

**WARRANTY:** One (1) year warranty against defects in material and workmanship. Five (5) year warranty on LED lamps and driver for defects resulting in a fixture lumen depreciation of 30% or greater.

**LISTINGS:** Luminaire is certified to UL 1598 and UL 8750 standards by Intertek Testing Services for damp locations. See Options for Wet Location listing. Photometry tested to the IESNA LM-79-08 standard by an IAC/ISO 17025 accredited laboratory.

Nominal Size	12" W x 48" H
LED Nomencature	50L40K
LED Wattage	50 Watt
Total Lumen Output	3656
Input Watts	58
Lumens / Watt	63
Nominal CCT	4000K

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Consult IES files at [www.kenall.com](http://www.kenall.com).

### ORDERING INFORMATION

Model	Nominal Size	Housing Base Mfr	Lamp Type	Driver	Voltage	Lens (Inner/Outer)	Fastener	Options
SSA	4	/		DCC		/		

Nominal Size  
4 12" x 48"

#### Housing/Base Material

- 0 4-Ga CRS (Painted White)
- 1 16-Ga CRS (Prismatic Finish)
- 3 14-Ga SS (Painted White)
- 4 6-Ga SS (Painted White)
- 6\* 14-Ga SS (Brushed White)
- 7\* 6-Ga SS (Brushed White)

#### Lamp Type (Quantity, Driver Voltage)

- 50L40K 50 Watt 4000K LED (1 DCC) (120-277V)
- 50L50K 50 Watt 5000K LED (1 DCC) (120-277V)
- 50L57K 50 Watt 5700K LED (1 DCC) (120-277V)
- 100L40K 100 Watt 4000K LED (1 DCC) (120-277V)
- 100L50K 100 Watt 5000K LED (1 DCC) (120-277V)
- 100L57K 100 Watt 5700K LED (1 DCC) (120-277V)

Driver  
DCC Dimming Constant Current LED Driver

Voltage  
DV 120-277

#### Lens (Inner/Outer)†

- 0 No Lens
- 1 125" Prismatic Acrylic
- 2 125" Prismatic Polycarbonate
- 3 125" Textured Polycarbonate
- G 125" Clear Polycarbonate
- 4 196" Prismatic Polycarbonate
- R 156" Prismatic Tempered Glass
- 6 187" Prismatic Polycarbonate

#### Lens (Inner/Outer)† Cont.

- 7 187" Clear Polycarbonate
- 8 187" Clear Tempered Glass
- 9 250" Clear Polycarbonate
- A 250" Clear Tempered Glass
- B 375" Clear Polycarbonate
- C 375" Clear Tempered Glass
- J 500" Clear Polycarbonate
- P 500" Clear Tempered Glass
- Y\*\* 007" Diffuser Film

#### Fastener

- 1 Torx Head w/ Center Pin
- Z Allen Head w/ Center Pin

#### Options

- LEL LED Emergency Battery Backup (176 with 100L)
- DLN LED Night Light
- FS Single Fuse & Holder
- IHF Full Length Internal Hinge
- R80 Minimum 80 CRI Lamp (4000K only)
- WL Wet Location Listed

- \* Not as Base Material
- \*\* Can only be used with clear outer lens
- † Refer to lens specifications



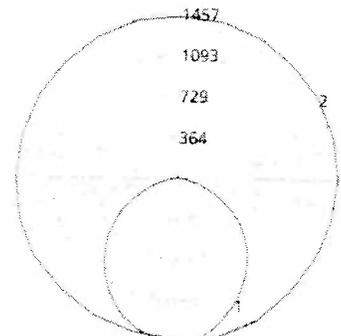
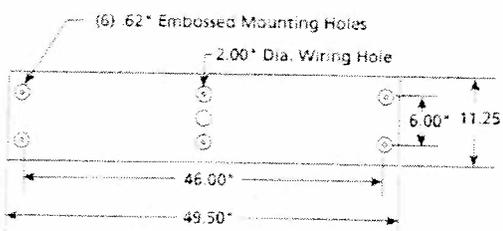
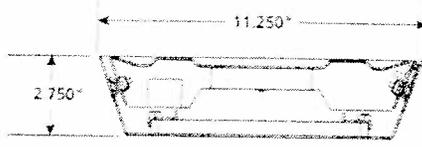
### PROJECT INFORMATION

Job Name

Fixture Type

Catalog Number

Approved By



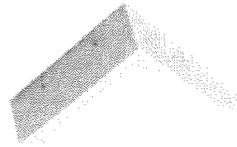
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# MIGHTY MAC™

## SSA SERIES – LED

### PRODUCT FEATURES:

- Surface ceiling mount – 12" x 48"
- TIG welded housing with no post grinding for additional strength
- Vertically adjustable bracket secured to housing via thru-studs
- Completely concealed internal drop slot piano hinge



### PROJECT INFORMATION

Job Name
Fixture Type
Catalog Number
Approved by

### SPECIFICATIONS

**HOUSING:** One-piece die-formed prime grade material as specified – see ordering information. Corners continuously seam welded and smooth with no post grinding (TIG). Clamshell housing resistant to penetration and controband concealment.

**BASEPLATE:** Prime grade material as specified – see ordering information. Die-formed blade trap (1/4" minimum) prevents controband concealment and access. Embossed standoffs prevent distortion.

**LENS:** As specified – maximum total thickness .500" – see ordering information. Kenall recommends a prismatic inner lens and a clear outer lens. Two clear lenses used in combination cannot be provided.

**LENS RETENTION:** vertically adjustable continuous "Z" brackets of prime grade material, secured to housing via thru-studs (6" maximum spacing).

**HINGE:** Completely concealed Z" drop slot internal piano hinge (1/2" knuckle/1/8" diameter pin) standard. Pin secured to knuckle, hinge welded to housing and mounts to either side of baseplate via keyholes. See Options for Full Length Internal Hinge (IHF).

**FASTENERS:** Hardened security screws as specified – see ordering information. Fully recessed.

**FINISH:** IGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%.

**ELECTRICAL:** Replaceable high-brightness LED array in 4000K, 5000K and 5700K color temperatures. 70 CRI standard. See Options for higher CRI lamp availability. 120-277VAC high power factor, constant current driver. 10-100% dimming with compatible 0-10V current-sink dimmer.

**LUMINOUS SEAL:** Polyurethane foam prevents light leaks from luminaire base.

**INSTALLATION:** Ceiling mount, surface; fixture not suitable for Surface Conduit or Continuous Row Mounting.

**PHOTOMETRICS:** For photometric information, go to [www.kenall.com](http://www.kenall.com).

**WARRANTY:** One (1) year warranty against defects in materials and workmanship. Five (5) year warranty on LED lamps and driver for defects resulting in a fixture lumen depreciation of 50% or greater.

**LISTINGS:** Luminaire is certified to UL 1598 and UL 8750 standards by Intertek Testing Services for Damp Locations. See Options for Wet Location rating. Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO 17025 accredited laboratory.

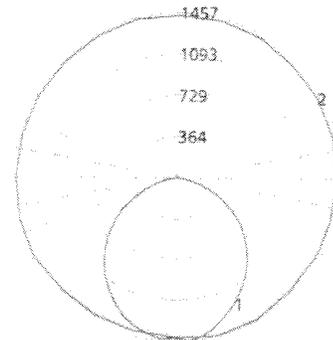
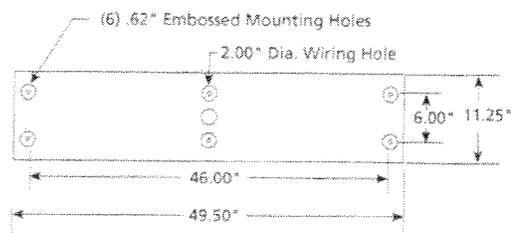
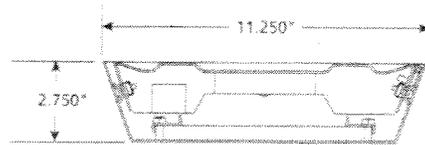
Nominal Size	12" W x 48" H
LED Nomenclature	50L40K
LED Wattage	50 Watt
Total Lumen Output	3656
Input Watts	59
Lumens / Watt	63
Nominal CCT	4000K

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Consult iES files at [www.kenall.com](http://www.kenall.com).

### ORDERING INFORMATION

Model	Nominal Size	Hsg./Base Mtrl	Lamp Type	Driver	Voltage	Lens (Inner/Outer)	Fastener	Options
<b>SSA</b>	<b>4</b>	<b>/</b>		<b>DCC</b>		<b>/</b>		

<b>Nominal Size</b> 4 12" x 48"	<b>Driver</b> <b>DCC</b> Dimming Constant Current LED Driver	<b>Lens (Inner/Outer)† Cont.</b> <b>7</b> 187" Clear Polycarbonate <b>8</b> 187" Clear Tempered Glass <b>9</b> 250" Clear Polycarbonate <b>A</b> 250" Clear Tempered Glass <b>B</b> 375" Clear Polycarbonate <b>C</b> 375" Clear Tempered Glass <b>J</b> 500" Clear Polycarbonate <b>P</b> 500" Clear Tempered Glass <b>Y**</b> 007" Diffuser Film	<b>Options</b> <b>LEL</b> LED Emergency Battery Backup (n/a with 100L) <b>DLN</b> LED Night Light w/Light Level Control <b>FS</b> Single Fuse & Holder <b>IHF</b> Full Length Internal Hinge <b>R80</b> Minimum 80 CRI lamp (4000K only) <b>WL</b> Wet Location Listed
<b>Housing/Base Material</b> <b>0</b> 14-Ga CRS (Painted White) <b>1</b> 16-Ga CRS (Painted White) <b>3</b> 14-Ga SS (Painted White) <b>4</b> 16-Ga SS (Painted White) <b>6*</b> 14-Ga SS (Brushed White) <b>7*</b> 16-Ga SS (Brushed White)	<b>Voltage</b> <b>DV</b> 120-277  <b>Lens (Inner/Outer)†</b> <b>0</b> No Lens <b>1</b> 125" Prismatic Acrylic <b>2</b> 125" Prismatic Polycarbonate <b>3</b> 125" Textured Polycarbonate <b>G</b> 125" Clear Polycarbonate <b>4</b> 156" Prismatic Polycarbonate <b>R</b> 156" Prismatic Tempered Glass <b>6</b> 187" Prismatic Polycarbonate	<b>Fastener</b> <b>1</b> Torx® Head w/ Center Pin <b>2</b> Allen Head w/ Center Pin	<b>* n/a as Base Material</b> <b>** can only be used with clear outer lens</b> <b>† Refer to lens specifications</b>
<b>Lamp Type (Quantity, Driver, Voltage)</b> <b>50L40K</b> 50 Watt 4000K LED (1/DCC/120-277V) <b>50L50K</b> 50 Watt 5000K LED (1/DCC/120-277V) <b>50L57K</b> 50 Watt 5700K LED (1/DCC/120-277V) <b>100L40K</b> 100 Watt 4000K LED (1/DCC/120-277V) <b>100L50K</b> 100 Watt 5000K LED (1/DCC/120-277V) <b>100L57K</b> 100 Watt 5700K LED (1/DCC/120-277V)			



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SSA-LED\_031313

# PERIMALITER<sup>®</sup> LED WALLPACKS

PGM3/PVL3

Cat.#

Job

Type



**HUBBELL**  
Outdoor Lighting

Approvals

### SPECIFICATIONS

#### Intended Use:

Perimeter lighting for safety, security, and identity. LED units provide 60-70% energy savings over typical pulse start wallpacks. Uses include office buildings, shopping centers, restaurants, schools, warehouses, parking garages and other commercial applications.

#### Construction:

- The pre-cast aluminum housing provides firm mounting over recessed junction boxes. 1/2" side nuts included for surface conduit wiring. Housing includes a top nub for use with button photo controls for dusk-to-dawn control. The construction not only provides a rigid mount but an excellent heat sink for the LED system, allowing proper operating temperature for optimum performance and long life.
- Two door options are available: A cast aluminum and prismatic coruscate glass assembly for typical commercial applications and an all polycarbonate, one-piece, vandal resistant door for use in non-supervised locations.
- Standard finish is dark bronze textured powder paint. The PGM3 version is available in alternate finishes of black, white, gray and platinum silver.
- Units with CCT of 5100K, 4200K and 3000K are available.

#### Optics/Electrical

##### LED:

- Drivers are 120-277V universal voltage 60/60Hz and have dimming capability standard. Drivers and light engine are easily accessible for future servicing.
- A thirty LED light 5100K engine produces over 5600 lumens (82 LPW) out of the PGM3 (4800 lumens (69 LPW) for PVL3) with asymmetric distribution for typical mounting heights of 12-15 feet. The lateral spread allows typical spacing of three to four times the mounting height with excellent uniformity.
- 34w versions also available, see chart below for lumen outputs.

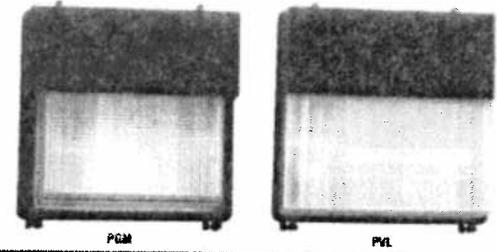
#### Listings:

Listed to UL 1598 for use in wet locations

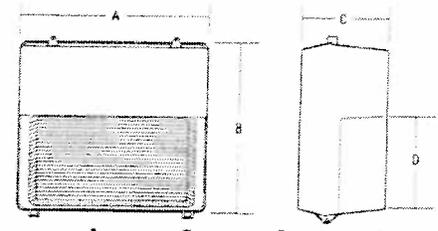
#### Warranty:

Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

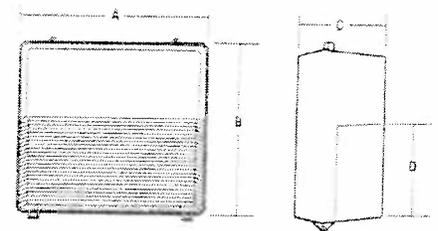
### PRODUCT IMAGE(S)



### DIMENSIONS



	A	B	C	D
PGM3	14 7/8"	15"	8"	6 13/16"
LED	378 mm	381 mm	203 mm	173 mm



	A	B	C	D
PVL3	14 7/8"	15"	8"	7 1/16"
LED	378 mm	381 mm	203 mm	189 mm

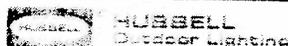
### CERTIFICATIONS/LISTINGS



### ORDERING INFORMATION ORDERING EXAMPLE: PGM3-30LU-5K-BZ

Category	Construction	Wattage	Drive Current	Voltage	Color Temperature	Lumens	LPW	Weight (lbs./kg)
<b>PGM3 LED</b>								
PGM3-30LU-5K-BZ	Glass Refractor	69	700ma	120-277v	5100K	5678	82	16
PGM3-30LU-5K-035-BZ	Glass Refractor	34	350ma	120-277v	5100K	3209	96	15
PGM3-30LU-4K-BZ	Glass Refractor	69	700ma	120-277v	4200K	5157	69	16
PGM3-30LU-4K-035-BZ	Glass Refractor	34	350ma	120-277v	4200K	2955	88	15
PGM3-30LU-3K-BZ	Glass Refractor	71	700ma	120-277v	3000K	3832	56	16
PGM3-30LU-3K-035-BZ	Glass Refractor	34	350ma	120-277v	3000K	2338	69	15
<b>PVL3 LED</b>								
PVL3-30LU-5K-BZ	Polycarbonate Refractor	69	700ma	120-277v	5100K	4873	69	11
PVL3-30LU-5K-035-BZ	Polycarbonate Refractor	34	350ma	120-277v	5100K	2757	81	10
PVL3-30LU-4K-BZ	Polycarbonate Refractor	69	700ma	120-277v	4200K	4505	66	11
PVL3-30LU-4K-035-BZ	Polycarbonate Refractor	34	350ma	120-277v	4200K	2614	78	10
PVL3-30LU-3K-BZ	Polycarbonate Refractor	71	700ma	120-277v	3000K	3490	48	11
PVL3-30LU-3K-035-BZ	Polycarbonate Refractor	34	350ma	120-277v	3000K	2089	62	10

Notes: Units are universal voltage 60/60 Hz. Change "U" to 347v or 480v for those voltage options. On PGM3, for alternate finishes, change BZ to BL-Black, WH-White, GR-Gray, PS-Platinum Silver



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Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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PGM/PVL3 LED 7/13

**PERFORMANCE DATA**

# OF LEADS	DRIVE CURRENT	SYSTEM WATTS	FIXTURE SERIES	5K (5100K nominal, 67 CRI)					4K (4200K nominal, 70 CRI)					3K (3000K nominal, 80 CRI)				
				LUMENS	LPW <sup>1</sup>	B	U	G	LUMENS	LPW <sup>1</sup>	B	U	G	LUMENS	LPW <sup>1</sup>	B	U	G
30	350mA	35w	PGM3	3209	92	0	4	3	2955	84	0	3	3	2338	67	0	3	3
			PVL3	2757	79	0	3	3	2614	75	0	3	3	2089	60	0	3	3
	700mA	68w	PGM3	5678	84	0	4	4	5157	76	0	4	4	3932	58	0	4	3
			PVL3	4973	72	0	4	4	4505	66	0	4	4	3492	51	0	4	3

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and installation.

**ELECTRICAL DATA**

# OF LEADS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
30	-035 (350mA)	120	0.28	35
		277		35
		347		35
		480		35
	STD. 700mA <sup>1</sup>	120	0.58	68
		277		68
		347		68
		480		68

**PROJECTED LUMEN MAINTENANCE**

Ambient Temp.	OPERATING HOURS					L70 (hours)
	0	25,000	50,000	TM-21-11 <sup>1</sup>	100,000	
25°C / 77°F	1.00	0.96	0.95	0.94	0.92	597,000
40°C	0.99	0.95	0.93	0.93	0.90	417,000

<sup>1</sup> Projected per IESNA TM-21-11 ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

**LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)**

AMBIENT TEMPERATURE	LUMEN MULTIPLIER
0°C / 32°F	1.02
10°C / 50°F	1.01
20°C / 68°F	1.00
25°C / 77°F	1.00
30°C / 86°F	1.00
40°C / 104°F	0.99
50°C / 122°F	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-124°F).

**OPTIONS & ACCESSORIES**

OPTION	(order as separate part #)
Catalog Number	Description
SP	Surge Protector 10KA

REPLACEMENT PARTS	(order as separate part #)
Catalog Number	Description
200-0180-9904	Replacement lens/door PVL3
800-3399-0104	Replacement lens/door PGM3

ACCESSORIES	(order as separate part #)
Catalog Number	Description
PBT-1	Photo control, button type, 120V
PBT-234	Photo control, button type, 208, 240, 277V
PG-PS <sup>1</sup>	Polycarbonate shield for refractor for PGM3
PG-WG <sup>1</sup>	Wire guard for refractor for PGM3
PVL3V	Full cut-off visor, formed aluminum, bronze finish

<sup>1</sup> Guard & shield can be used on the same fixture.

**LIGHTING FACTS**



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# LAREDO SERIES

LMC - 30LEDs

Cat.# LMC-30LU-5K-3-1

Job SANTA FE DENTENT

Type H



**HUBBELL**  
Outdoor Lighting

Approvals

### SPECIFICATIONS

#### Intended Use:

Full cut-off, 0A coefficient perimeter or entry lighting for 12-18ft mounting heights that require high light output and maximum energy efficiency. Laredo LMC-30 LED wallpack provides low installation costs with little or no maintenance and 80%+ energy savings. Ideal for schools, factories, hospitals, warehouses and retail applications.

#### Construction:

Decorative die-cast aluminum housing and cover. Rugged design protects internal components and provides excellent thermal management for over 70% lumen maintenance at 60,000 hours minimum LED life. AkzoMarmor® series powder paint finishes provide lasting appearance in outdoor environments. Five standard finishes include Bronze, Black, Gray, White and Platinum.

#### Optics/Electrical:

##### LED:

30 high power LEDs delivers up to 6023 lumens at 700mA and up to 3-443 lumens at 350mA. Combination of optical lenses and reflectors deliver light in either Type III or Type IV distributions, with better than 4 to 1 max to min uniformity. 4000K and 5000K/70 CRI LEDs provide excellent color rendition with up to 97 lumens per watt efficiency.

Electronic driver 7W system, 0.4 AMPS max, or 35w, 0.8 amps max, 120-277V, 60/60Hz

#### Lenses:

Full cut-off distribution - individual acrylic LED optics provide IES Type III and Type IV distributions.

#### Installation:

Quick mount system provides rigid mounting over recessed junction boxes - fixture does not require opening for mounting. Foam gasket for sealing to smooth surfaces provided. Superior performance with 5 to 1 spacing to mounting height ratio.

#### Listings:

Listed and labeled to UL 1598 for wet locations, 25° C ambient environments. DesignLights Consortium (DLC) listed, U.S. Patent No. 0563,567

#### LMC-30LU Egress Wallpack:

Designed to meet strict IFC minimum requirements. At 12ft mounting height the covers 16x16ft area, well beyond the 10x10ft standard. 44w - 350mA drives 30LEDs at 3500 lumens at full power, 2046 average lumens in battery mode. Outer clear impact resistant glass lens protects LED lenses. No uplight, external test button, quick mount, wet location listed. (Note: must use Type III)

#### Warranty:

Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

### PRODUCT IMAGE(S)

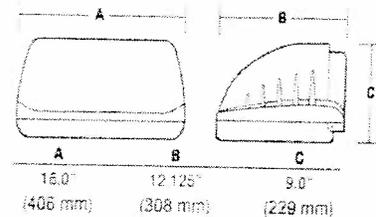


LMC-30LU



LMC-30LU BOC/BBU

### DIMENSIONS



### CERTIFICATIONS/LISTINGS



### ORDERING INFORMATION

ORDERING EXAMPLE: LMC-30LU-5K-3-1-PC(4)

LMC	-	30LU	-	5K	-	3	-		-	1	-	
SERIES	NUMBER OF LEDS/SOURCE/VOLTAGE	CCT	IES DISTRIBUTION	DRIVE CURRENT	FINISH	OPTIONS						
LMC Laredo Maximum Cut-off	30LU 30 LEDs, up to 6023 lumens, 71w input, Universal voltage 120-277V	4K 4000K nominal	3 <sup>1-4</sup> Type III (6023 lumens)	BLANK STD 700MA	1 Bronze	PC(X) <sup>2</sup> Button photocontrol, replace X with voltage, specify 1-120V, 2-208V, 3-240V, 4-277V						
	30LF 30 LEDs, up to 6023 lumens, 71w input, Universal voltage 347V	5K 5000K nominal	4 <sup>1-4</sup> Type IV (5593 lumens)	035 <sup>3</sup> 350MA	2 Black 3 Gray 4 White 5 Platinum							
						WIH In fixture wireless control module, (120V & 277V only) order separately, consult factory						

### ORDERING INFORMATION EGRESS LMC-30LU

ORDERING EXAMPLE: LMC-30LU-5K-3-035-1-BBU277

LMC	-	30LU	-	5K	-	3	-	035	-	1	-	
SERIES	NUMBER OF LEDS/SOURCE/VOLTAGE	CCT	IES DISTRIBUTION	DRIVE CURRENT	FINISH	OPTIONS						
LMC Laredo Maximum Cut-off	30LU 30 LEDs, up to 3500 lumens, 44w input, Universal voltage 120-277V	4K 4000K nominal	3 <sup>1</sup> Type III	035 350MA	1 Bronze	BBU277 Integral battery for 120-277V rated for -20° C ambient						
	30LF 30 LEDs, up to 3500 lumens, 44w input, Universal voltage 347V	5K 5000K nominal			2 Black 3 Gray 4 White 5 Platinum							
						BOC277 Integral battery for 120-277V rated for 0° C ambient						
						PC(X) Button photocontrol, replace X with voltage, specify 1-120V, 2-208V, 3-240V, 4-277V						

1. See UL listing for details. 2. See UL listing for details. 3. See UL listing for details. 4. See UL listing for details.



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**ACCESSORIES**

(order as separate part #)

Catalog Number	Description
LMC-SPC	Polycarbonate shield
PBT-1	120V button photocontrol
PBT-234	208/240/277V button photocontrol

**PERFORMANCE DATA**

# OF LEADS	DRIVE CURRENT	SYSTEM WATTS	DIST. TYPE	5K (5100K nominal, 67 CRI)					4K (4200K nominal, 70 CRI)					3K (3000K nominal, 80 CRI)						
				LUMENS	LPW <sup>1</sup>	B	U	G	LUMENS	LPW <sup>1</sup>	B	U	G	LUMENS	LPW <sup>1</sup>	B	U	G		
30	350mA	35W	3	2045	-	1	0	1	1860	-	1	0	1	1457	-	0	0	0		
				2	3489	100	1	0	1	3151	90	1	0	1	2624	75	1	0	1	
			700mA	70W	3	2710	77	1	0	1	3234	92	1	0	1	2632	75	1	0	1
						4	3422	98	1	0	1	3177	91	1	0	1	2644	76	1	0
					4	6070	87	2	0	2	5403	77	1	0	1	4459	64	1	0	1
						3	4674	87	1	0	1	5694	80	1	0	1	4538	65	1	0
	4	5949	85	1	0	2	5461	78	1	0	2	4537	65	1	0	2				

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

**ELECTRICAL DATA**

# OF LEADS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
30	+350 (350mA)	120	0.80	35.00
		277		35.00
	STD. (700mA)	120	0.90	70.00
		277		70.00

**PROJECTED LUMEN MAINTENANCE**

Ambient Temp.	OPERATING HOURS					
	0	25,000	50,000	TM-21-11 <sup>1</sup>	100,000	L70 (hours)
25°C / 77°F	1.00	0.97	0.95	L96.60,000	0.92	>539,000

<sup>1</sup> Projected per IESNA TM-21-11<sup>1</sup> (Nights 21.98, 700mA, 85°F @ 10,000hrs). Data references the extrapolated performance projections for the LMC-12L-U-5K base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-60-08.

**LUMEN SHIFTS AND AMBIENT TEMPERATURE FACTOR (LMTF)**

AMBIENT TEMPERATURE	TEMPERATURE	LUMEN MULTIPLIER
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99
50°C	122°F	0.95

Use these factors to determine relative luminaire output for average ambient temperatures from 0-50°C (32-122°F).

**LIGHTING FACTS**

**Lighting facts**  
Light Output (lumens) 4642  
Watts 71.6  
Lumens per Watt (efficacy) 64  
Color Accuracy (CRI) 76

**Lighting facts**  
Light Output (lumens) 4108  
Watts 71.3  
Lumens per Watt (efficacy) 57  
Color Accuracy (CRI) 76

**Lighting facts**  
Light Output (lumens) 2470  
Watts 32.3  
Lumens per Watt (efficacy) 76  
Color Accuracy (CRI) 78

**Lighting facts**  
Light Output (lumens) 2611  
Watts 32.9  
Lumens per Watt (efficacy) 85  
Color Accuracy (CRI) 73

<b>CIMARRON</b> <b>LED</b> 	Cat.#	Approvals		<b>SPAULDING</b> <b>LIGHTING</b>
	Job	Type		

**SPECIFICATIONS**

**Construction:**

- Stylish vertically finned die-cast solid top housing for maximum heat dissipation. Slope collection of unsightly debris from gathering on top of the housing.
- Rugged lower die-cast aluminum heat sink accelerates thermal management and optimizes PCB and optical performance.
- Separate optical and electrical compartment for optimum component operation.
- One piece die cut silicone gasket ensures weather proof seal around each individual LED for IP65 rating.
- Backlight Control (BC) option available for 85% spill light reduction, doesn't change fixture appearance or EPA, recommended for Type III and Type IV distributions.
- Stamped bezel provides mechanical compression to seal the optical assembly.
- Complements the Hubble Southwest series of outdoor fixtures.
- Weight - 45.0 pounds EPA - 1.3 ft<sup>2</sup>
- Features exclusive wireless technology
  - Wireless system for On/Off and 0-100% full range dimming control
  - Programmable autonomous operation

**Optics:**

- Choice of 32 high brightness LED configurations with individual acrylic lenses specially designed for IES Type II, III, IV and V distributions.
- CCT: 5000K standard, 3000K, 4000K and Turb friendly Amber LED options.
- CRI: 70

**Electrical:**

- Universal input voltage 120-277 VAC, 50/60 Hz
- Integral step-down transformer for 347V & 480V
- Ambient operating temperature -30° C to 40° C
- Automatic thermal shut-down

- Drivers have greater than 90% power factor and less than 10% THD
- Optional continuous dimming to 10% or dual circuitry available
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- 1050 mA driver available with 90L configuration for increased lumen output
- LED electrical assembly, including PR devices, consumes no power in the 'off' state
- Surge protection of 10KA 8/20 µSec wave; clamping voltage of 320V & surge rating of 273J

**Lumen maintenance:**

- L90 at 60,000 hours (Projected per IESNA TM-21-11)

**Installation:**

- Two die-cast aluminum arm designs are available providing maximum design flexibility
- The decorative arm offers a sleek upswept look while the straight arm follows the housing's contoured lines for continuity of style
- Fixture ships with arm installed for ease of installation and mounts to #2 drill pattern

- Wall bracket, mast arm fitter and pole accessories are also available allowing easy mounting for virtually any application

**Finish:**

- TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness

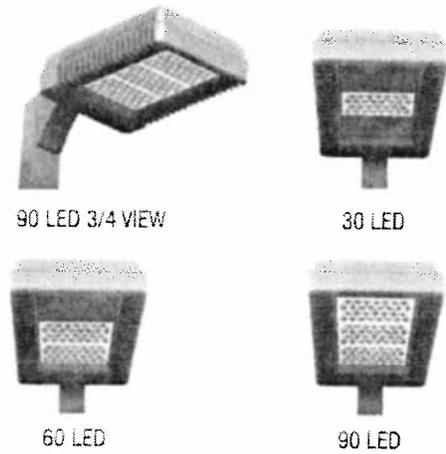
**Warranty:**

Five year limited warranty (for more information visit: <http://www.hubbleoutdoor.com/resources/warranty>)

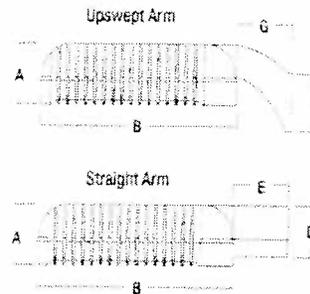
**Listings:**

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- DesignLights Consortium qualified
- ICA approved • IP65

**PRODUCT IMAGE(S)**



**DIMENSIONS**



A	B	C	D	E	F	G
6 3/4"	21 3/4"	15"	2 5/8"	6 5/8"	5 5/8"	8 1/8"
171mm	552mm	406mm	166mm	169mm	143mm	155mm

**CERTIFICATIONS/LISTINGS**



**ORDERING INFORMATION SEE NEXT PAGE**



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**ORDERING INFORMATION ORDERING EXAMPLE: CL1-A-90LU-5K-3-DB-RPA3**



SERIES	NO. OF LEDs	VOLTAGE	CCT	DRIVE CURRENT	OPTIONS
CL1 Dimmable LED	90L 90 High brightness LEDs	U <sup>1</sup> Universal 120V-277V 50/60 Hz	3K 3000K	Leave blank for 700mA (standard) <b>035</b> 350mA Amber (590 µm available for "Turtle Friendly" observatory applications (consult factory)) <b>105</b> 1050 mA (use with 90L only for higher lumen output)	<b>BC<sup>6</sup></b> Backlight control
	60L 60 High brightness LEDs	1 <sup>1</sup> 120V	4K 4000K		<b>BL<sup>1,2,6</sup></b> Bi-level control
	30L 30 High brightness LEDs	2 <sup>1</sup> 208V	5K 5000K		<b>CD<sup>7</sup></b> Continuous dimming
<b>MOUNTING</b>					
<b>A</b> Adjustable construction (1" straight right arm, pole end & acceptable for 90° configurations)		3 <sup>1</sup> 240V	<b>AM</b> Amber (590 µm available for "Turtle Friendly" applications (consult factory))		<b>WB</b> Wall bracket
<b>AD</b> Decorative arm mount construction (decorative adjustable arm end & acceptable for 90° configurations)		4 <sup>1</sup> 277V			<b>RPA3</b> 3" Round pole adapter
<b>MAF</b> Wall mount (1" straight arm) standard 2 3/8" mount with bracket includes 6" straight right arm		5 480V 60 Hz			<b>RPA4</b> 4" Round pole adapter
		F 347V 60 Hz			<b>RPA5</b> 5" Round pole adapter
		E <sup>1</sup> 220V 50 Hz			<b>RPA6</b> 6" Round pole adapter
			<b>DISTRIBUTION</b>		<b>F(X)<sup>3,4</sup></b> Fusing (replace X with voltage: 1-120V, 2-208V, 3-240V, 4-277V, 5-480V, 6-347V)
			2 Type II	<b>COLOR</b>	<b>SSB</b> Stainless steel LED bezel
			3 Type III	<b>DB</b> Dark Bronze	<b>VG</b> Vandal guard
			4 Type IV	<b>BL</b> Black	<b>CONTROL OPTIONS</b>
			5M Type V Medium	<b>WH</b> White	<b>SC0</b> Motion control, no light output, On/Off control
			5S Type V Short	<b>GR</b> Gray	<b>SC30</b> Motion control, dimmed to 30% light output
			5W Type V Wide	<b>PS</b> Platinum Silver	<b>SC50</b> Motion control, dimmed to 50% light output
				<b>RD</b> Red (premium color)	<b>SC70</b> Motion control, dimmed to 70% light output
				<b>FG</b> Forest Green (premium color)	<b>PR(X)<sup>5</sup></b> NEMA Photo cell receptacle (replace X with voltage: U=120-277, 5=480, 6=347)
				<b>CC</b> Custom Color	<b>WIH<sup>7</sup></b> In-fixture wireless control module (120, 277, 347 & 480V)

Notes: 1-For U, voltage and frequency are required. 2-For V, voltage is required. 3-For F, voltage and frequency are required. 4-Select only when using voltage specified in column 2. 5-Select only when using voltage specified in column 2. 6-Select only when using voltage specified in column 2. 7-Select only when using voltage specified in column 2.

**ENERGY SAVING DATA**

ENERGY DATA	
Power Factor	> .9
Total Harmonic Distortion	< 10%

LIGHT ENGINE	INPUT WATTS		LUMENS DELIVERED					
	120V-277V	347V-480V	TYPE 2	TYPE 3	TYPE 4	TYPE 5M	TYPE 5S	TYPE 5W
30L-5K	70	87	6384	6164	6641	7109	6999	6619
60L-5K	140	157	13300	12842	13125	13185	13675	12954
90L-5K	210	227	19684	19007	19202	20592	19610	18973
90L-5K-105	336	363	26974	25351	26548	26793	27449	25195
30L-4K	70	87	6099	6109	6104	6417	6439	6046
60L-4K	140	157	11583	11468	12035	12038	12557	11807
90L-4K	210	227	17143	16973	17648	18521	20220	17394
90L-4K-105	336	363	23896	23912	24199	24583	25357	23125
30L-3K	70	87	4606	4669	4686	4859	4902	4601
60L-3K	140	157	9013	9179	9218	9409	9461	8844
90L-3K	210	227	13360	13601	13575	13923	14004	13902
90L-3K-105	336	363	17645	17612	17469	17953	18271	17393

ACCESSORIES SEE NEXT PAGE



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## ACCESSORIES

Part No./Item No.	Description
CR-RPA3-XX <sup>1</sup>	Round pole adapter for straight arm (3 3/4" - 3 3/4")
CR-RPA4-XX <sup>1</sup>	Round pole adapter for straight arm (3 3/4" - 4 1/2")
CR-RPA5-XX <sup>1</sup>	Round pole adapter for straight arm (5")
CR-RPA6-XX <sup>1</sup>	Round pole adapter for straight arm (6")
CRD-RPA2-XX <sup>1</sup>	Round pole adapter for upswept arm (2 3/4" - 3 1/4")
CRD-RPA3-XX <sup>1</sup>	Round pole adapter for upswept arm (3 1/4" - 3 3/4")
CRD-RPA4-XX <sup>1</sup>	Round pole adapter for upswept arm (3 3/4" - 4 1/2")
CRD-RPA5-XX <sup>1</sup>	Round pole adapter for upswept arm (5")
CRD-RPA6-XX <sup>1</sup>	Round pole adapter for upswept arm (6")
WB-CR-XX <sup>1</sup>	Wall bracket
TPLB-XX <sup>1</sup>	Twin parallel luminaire bracket
MAF-CL-XX <sup>2</sup>	Horizontal mast arm fitter for 2 3/8" OD arm. Mounts to standard 6" arm (ordered with fixture)

- 1 Replace XX with color choice, e.g., CR for Dark Bronze
- 2 When ordering, specify arm, Max. Dia. Part No.
- 3 Fixture must include cast arm or arm.

## MOUNTING ACCESSORIES

Part No./Item No.	Description
ARM-CL-K-TA-XX <sup>1</sup>	Adjustable mounting arm for single fixture (2-3/8" tenon) - 5 lbs. 2.3 kgs.
ARM-CL-TK-TA-XX <sup>1</sup>	Adjustable mounting arm for two fixtures at 180° (2-3/8" tenon) - 7 lbs. 3.2 kgs.
ARM-CL-K-S-XX <sup>1</sup>	10" adjustable arm - 5 lbs. .05 kgs. - 5.75 lbs. 2.6 kgs.

- 1 Replace XX with color choice, e.g., CR for Dark Bronze
- 2 Fixture must include standard 2-3/8" tenon arm.

ARM-CL-K-TA-XX  
ARM-CL-TK-TA-XX



ARM-CL-K-S-XX



## TENON TOP POLE BRACKET ACCESSORIES

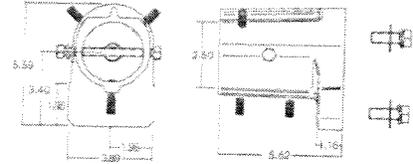
(2 3/8" OD tenon) (RSS version requires 3" round pole adapter)

Part No./Item No.	Description
SETA-XX <sup>1</sup>	Square pole tenon adapter (4 at 90 degrees)
RETA-XX <sup>1</sup>	Round pole tenon adapter (4 at 90 degrees)
TETA-XX <sup>1</sup>	Hexagonal pole tenon adapter (3 at 120 degrees)

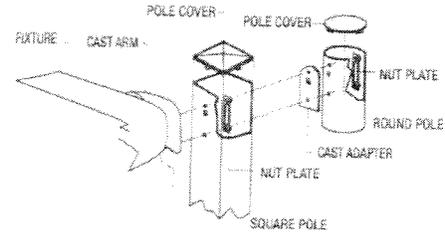
- 1 Replace XX with color choice, e.g., CR for Dark Bronze

## PHOTOCONTROL EQUIPMENT

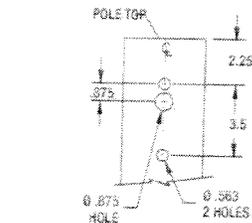
Part No./Item No.	Description
PTL-1	Photocontrol - twist-lock cell (120V)
PTL-8	Photocontrol - twist-lock cell (120-277V)
PTL-5	Photocontrol - twist-lock cell (480V)
PTL-6	Photocontrol - twist-lock cell (347V)
PSC	Shoring cap - twist-lock



MAF - HORIZONTAL MAST ARM FITTER



UPSWEPT ARM MOUNT SQUARE & ROUND POLES



#2 DRILL PATTERN FOR POLES

## LIGHTING FACTS

**LED lighting facts**

Light Output (Lumens) 6270  
Watts 68.4  
Lumens per Watt (Efficacy) 92

Color Accuracy  
Color Rendering Index (CRI) 74

Warranty™ Yes

**LED lighting facts**

Light Output (Lumens) 6892  
Watts 69.7  
Lumens per Watt (Efficacy) 99

Color Accuracy  
Color Rendering Index (CRI) 68

Warranty™ Yes

**LED lighting facts**

Light Output (Lumens) 15056  
Watts 206.8  
Lumens per Watt (Efficacy) 72

Color Accuracy  
Color Rendering Index (CRI) 76

Warranty™ Yes

**LED lighting facts**

Light Output (Lumens) 22898  
Watts 339.5  
Lumens per Watt (Efficacy) 67

Color Accuracy  
Color Rendering Index (CRI) 75

Warranty™ Yes

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