



KERR COUNTY FACILITIES LED RETROFIT PROJECT
DUE DATE: November 22, 2016 3:00 P.M.

The Kerr County Commissioners will receive sealed proposals in the Kerr County Clerk's Office, 700 Main Street, Kerrville, Texas, for Kerr County Facilities management services.

Requests for Proposals and any future addenda's are available on Kerr County's website at www.co.kerr.tx.us or by contacting Commissioners' Court Coordinator, Jody Grinstead at (830) 792-2211 or Commissioner Tom Moser at (830) 792-2214.

KERR COUNTY, TEXAS

KERR COUNTY FACILITIES LED RETROFIT PROJECT DUE DATE: November 22, 2016 3:00 P.M.

TERMS & CONDITIONS

1. Failure to comply with all of the Instructions and Conditions may subject the proposal to rejection. The Terms and Conditions, and the Specifications and Contractual Terms will form part of the contract between Kerr County ("County") and the successful offeror.
2. All proposals shall be sealed, addressed and delivered to: the Kerr County Clerk's office at 700 Main Street, Kerrville, Texas 78028 by 3:00 P.M. November 22, 2016. Please mark the outside of the envelope "Kerr County LED Retrofit Project Proposal." It is the offeror's responsibility to see that the proposal arrives on time. Late proposals shall be returned unopened. **Telephone, email and fax proposals will not be accepted.**
3. Proposals will be opened at the regular Commissioners Court meeting on November 28, 2016 at 10:00 am.
4. The Commissioner's Court award will be conditioned upon entering into a formal written contract acceptable to the County.
5. The proposal specifications indicate the minimum standard of quality, performance or other pertinent characteristics required. All variations and exceptions from minimum specifications must be listed on or attached to the proposal.
6. Contents of any proposal shall not be disclosed upon opening, so as to not be available to competing offerors during the negotiation process.
7. Proposals shall be evaluated according to factors set forth on the attached sheet. Each factor shall be given the weight indicated.
8. The County reserves the right to waive technical irregularities in the form of the proposal which do not alter the quality, quantity, or time of performance of the services, and the County may reject any or all proposals submitted.
9. A LED Retrofit Project is being requested which will include LED Lighting Conversion savings analysis to determine viable electricity and maintenance savings to the County. . The County's payment and performance obligations for succeeding fiscal periods shall be subject to the availability and appropriation of funds. Multi-term proposals must have a provision allowing the County to terminate the agreement at will at any time, or at Kerr to the end of each fiscal year, without penalty. There must be no "equitable or moral" duty to continue to make payments under the proposal.
10. The Texas Local Government Code, Chapter 262 shall apply to this procurement and prevail over any inconsistent terms and govern all interpretations of contract documentation. In addition, criminal laws prohibit bribes, gratuities and kickbacks.
11. In submitting this proposal, the offeror represents the offeror has familiarized himself with the nature and extent of the Request for Proposals dealing with Federal, State and local requirements which are part of this Request for Proposals.

12. In signing this proposal, the offeror certifies that there has been no direct or indirect action in restraint of free competition in connection with this proposal submitted to Kerr County.
13. The offeror will be required to carry the following insurance coverage **with Kerr County named as additional insured on all policies:**
 - a) General and professional liability insurance in the amount of \$1,000,000.00 single limit, and \$2,000,000.00 aggregate.
 - b) Workers' Compensation insurance as required by state statute. **Proof of coverage must be provided prior to entering into a contract.**
14. This RFP and the Contract are or will be subject to federal, state and local regulation. The rights and obligations set forth herein are to be construed and interpreted according to said laws, regardless of whether they are expressly set forth herein. Should any provision herein be found to be legally unenforceable, it shall not affect the legality or enforceability of the remainder of this contract, so long as the basic intent and object of this agreement is not undermined by the elimination of the objectionable provision(s).

The offeror agrees to comply with state laws and rules applicable to workers' compensation benefits for its employees. If the offeror fails to comply with the Workers' Compensation Act and applicable rules when required to do so, this agreement may be terminated by the contracting agency.
15. The offeror will save and hold the County harmless from all suits, actions, claims, losses and expenses, including attorney's fees brought on account of any injuries or damages sustained by any employee or person, including wrongful death, or damage to property as a result of any negligent act or omission by the offeror or employee or agent thereof connected in any way with offeror's performance under this RFP or the Contract.
16. The offeror, its agents and employees, by virtue of any award of the RFP will not be considered employees of Kerr County.
17. The Contract will provide that the County will be allowed to prematurely terminate the Contract if the Commissioners Court determines that the offeror has inadequately or unsatisfactorily met its obligation under the Contract. The Contract will provide it may be terminated by any party for cause upon 60-days written notice to the other parties to the Contract. As used herein, the term "cause" will mean a material breach of the Contract by a non-terminating party, or acts or conduct by a non-terminating party that substantially alters the terminating party's ability to benefit from the Contract, which breach, acts, or conduct are not cured or remedied within the 60-day period following the giving of notice by the terminating party (which notice shall detail the nature of the breach, acts, or conduct constituting the case for termination and specify the effective date of termination in the event such breach, acts, or conduct are not cured or remedied within 60 days following the giving of such notice).
18. The offeror agrees not to assign any rights or privileges under this RFP or the Contract, or any part thereof, to any other person or business entity, without first receiving prior written consent of the County.
19. Award of the proposal will not be altered, changed or amended except by an instrument in writing executed by the parties hereto.

20. Upon award, the Contract will be governed by the laws of the State of Texas, and venue shall be in Kerr County, Texas.
21. After award, proposals are subject to public inspection. Any confidential or proprietary information should be marked as such with a brief explanation as to why. Entire proposals may not be marked as proprietary.
22. The County shall negotiate a contract with the highest qualified business as selected by the Commissioners Court for the services contemplated under this RFP at compensation determined in writing to be fair and reasonable ("Contract").

SPECIFICATIONS AND CONTRACTUAL TERMS

KERR COUNTY, TEXAS

KERR COUNTY FACILITIES LED RETROFIT PROJECT

DUE DATE: November 22, 2016 3:00 P.M.

INTRODUCTION

Kerr County is seeking proposals from qualified firms, which are in the business of LED Lighting Retrofits, to retrofit various facilities owned by Kerr County with LED Lighting.

FACILITIES FOR POSSIBLE RETROFIT (This is provided to show the potential scope of the project)

- The County may retrofit the Court House, County Jail (including the planned addition), Jail Annex, Court House Annex (Ingram), Ag Extension Office, Animal Shelter, Detention Center, Hill Country Youth Events Center), including the Shoe Barn, Events Center, Indoor arena, Outdoor Arena, Animal Pens, Parking Lot), River Star Events Center, Portable Detention & Probation Classroom, Probation Center, Road & Bridge Office and Shops, Maintenance Facility, Union Church.
- Facilities that may also be retrofitted are at the Airport (including the Terminal Building, all airport owned hangars, maintenance building, parking lots)

FACILITIES FOR PROPOSAL PURPOSES

The facilities and fixtures for which proposals are to be prepared are shown in Attachment

LED RETROFIT SCOPE OF SERVICES

The Facilities are a group of comprehensive facilities providing for various functions within Kerr County. The proposer to this Request for Proposals ("RFP") will demonstrate the ability to provide LED Retrofitting for the Facilities, provide an analysis of energy savings by location created by migrating to LED Lighting, provide a detailed listing of the fixtures/lights and corresponding LED replacements along with savings generated (in kW demand and kWh savings) for each Facility location, and the cost to install all LED lighting at each Facility. The successful proposer needs to demonstrate the ability to successfully implement and work with Facility to convert existing lighting to LED lighting.

In addition, the professional manager will participate in developing policies, procedures, rate schedules, service pricing and lease agreement terms and conditions. They will establish a plan and budget for sales, marketing and public relations in coordination with Commissioners Court.

GUIDELINES FOR SUBMITTAL

Each proposer shall submit one (1) clearly marked and bound original and five (5) bound copies. The "proposal form" must be signed by a person authorized to bind the proposer to the proposal. All proposals MUST be organized exactly as specified in Section titled - "Proposal Submission".

EVALUATION AND SELECTION PROCESS

All proposals will be reviewed by the Commissioners Court. Each evaluation criteria has been given a percentage based on its relative value to the scope of work as a whole. The criteria and value is as follows:

SPECIFICATIONS AND CONTRACTUAL TERMS
KERR COUNTY, TEXAS

KERR COUNTY FACILITIES LED RETROFIT PROJECT
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1. The qualifications and competence of the LED Retrofit company to perform the requested services and whose personnel have significant relevant experience. Preference will be given to those companies whose personnel have significant experience with facilities similar in size and with similar services required. **Value: 25 points**
2. The past performance and the ability of the LED Retrofit company to successfully convert facilities of similar types as demonstrated by evaluation of previous clients. Emphasis is placed on meeting savings objectives as discussed with previous customers and success in achieving those savings goals. **Value: 20 Points**
3. The quality and feasibility of the proposal as demonstrated by the manner and methodology in which the management company will achieve the requirements of the RFP. Quality will be determined by the financial analysis and financing by the LED Retrofit company in meeting the requirements of the RFP. **Value: 20 Points**
4. Pricing as based upon the requirements of the proposal. **Value: 25 Points**
5. Verification of abilities and performance obtained from a minimum of five references where the offeror completed LED Retrofit projects similar to those in scope being sought by this RFP. **Value: 5 Points**
6. Warranties and Warranty protocol for each LED Fixture and LED Bulb. **Value: 5 Points**

The Commissioners Court may arrange for discussions with proposers submitting proposals, if required, for the purpose of additional clarification. Kerr County reserves the right to conduct appropriate investigations into the background of any proposer under consideration for this contract.

Kerr County Commissioners and staff may, at its discretion, visit any venue currently under the management of the offeror. Advance notice of any scheduled visit will be provided to the offeror and information obtained while visiting any venue may be used to score the proposal.

The Commissioners Court will make a final selection, and the firm and Kerr County will enter into a negotiated agreement.

PROPOSAL SUBMISSION

- A. Interested experienced Contractors must submit a written proposal that **exactly** follows the format for evaluation below, and covers the services and responsibilities specified in this Request for Proposals. Proposals received after November 22, 2016 at 3:00 p.m. (local time) will not be considered.
- B. Offerors may attend a pre-bid site visit on November 1, 2016 at 11:00 a.m. at the Kerr County Courthouse, 700 Main Street, Ste. 101, Kerrville, Texas prior to the submission of their proposal.

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Proposals must include the following:

- 1) Letter of Transmittal: This is a brief letter to the Kerr County Commissioners Court which provides the following information:
 - a) Name and address of the vendor.
 - b) Names, title and telephone number of the contact person for the vendor.
 - c) A statement that the proposal is in response to this RFP.
 - d) The signature, typed name, and title of an individual who is authorized to commit the Contractor to this proposal.

- 2) Management Structure: Describe, in detail, the management structure of your organization. Include the legal form and ownership, as well as information regarding the headquarters, other offices and business addresses, with corresponding telephone numbers.
 - a) If the proposer is a corporation or a limited liability company, provide the names and addresses of all officers and directors of the corporation. Also include the names and addresses of all shareholders and their percentages of ownership. If the proposer is a publicly-traded corporation, a declaration of ownership, in a form required by the Securities and Exchange Commission must be submitted.
 - b) If the proposer is a partnership, limited liability partnership or joint venture, then provide the names, addresses, and percentages of ownership of each partner, whether limited or general.

- 3) Statement of Qualifications: Please provide a brief summary of your organization's qualifications to affect the LED Retrofit for Facilities in the capacity set forth herein. List your organization's experience including examples of LED Retrofit projects completed.

- 4) Previous Work Experience: Discuss, in general terms, your involvement with cities, counties or other governmental entities of the same general size and type as Kerr County, which have contracted with your organization to provide LED Retrofits. Select not more than three examples and describe the successful LED Retrofit conversions your organization has had with these facilities. Include as an addendum to this question, a list of clients that have used your organization for LED Retrofit projects.

- 5) Approach to the Engagement: Discuss your approach on how to provide an effective, seamless and timely LED Retrofit to the Facilities. Discuss your experience in working with previous customers with regards to installation and coordination with Facilities personnel to provide a timely and seamless LED Retrofit.

- 6) LED Conversion Analysis: Provide a LED Conversion Savings Analysis and Return on Investment created by the LED Lighting Retrofit. This should include by Facility an annual kW and kWh savings generated for each Facility, the LED Retrofit Cost, Return on Investment and Annual Rate of Return and any Utility incentives available.

- 7) Utility Incentive: Provide a description of how your firm will work with the local Utility to obtain any incentives available.

- 8) Installation Personnel: Please provide a current resume of the Lead Master Electrician to oversee installation.

- 9) Client References: Please provide at least five references of previous customers of similar or larger size and scope, including addresses, telephone numbers and contact persons.
- 10) Exceptions to RFP: Proposers must clearly indicate any exceptions or exclusions to this RFP or lighting equipment located at Facilities that will not be included in the LED Retrofit program.
- 11.) LED Lighting Specifications and Warranties: Proposers will include ALL specifications sheets for each proposed LED Retrofit including LED fixtures and LED Bulbs. Each LED fixture and/or LED Bulb

An agreement will be negotiated after award. If your company has a standard agreement, please provide a copy.

End of Specifications.

CURRENT LIGHTING ANALYSIS

Current Lighting Analysis											
Kerr County Courthouse											
Location	Current Fixture Type	Bulb Type	No. of Fixture	Bulb Per Fixture	No. Bulb per Fixture	Watt. per Bulb	Hours of Use/Day	Days Used Per Week	kWh Usage/Year	Current Electrical Rate (\$/kWh)	Total Electric Cost/Year Dollars
Tax Office	1X4 Sf Mount	T-8	1	2	2	2	32				
Tax Office	2X2 Rec Utube	T-8	3	2	6	6	32				
Law Library	2X2 Rec Troffer	CFL 2G11 Base	14	3	42	28					
Law Library	2X4 Rec Troffer	T-8	1	3	3	32					
Law Library	2X4 Rec Troffer	T-8	2	3	6	32					
Restroom	2X4 Rec Troffer	T-8	6	3	18	32					
District Court	2X4 Rec Troffer	T-8	19	3	57	32					
District Court	2X4 Rec Troffer	T-8	35	2	70	32					
IT Room	Ceiling Mt Fixture	A19	1	1	1	60					
IT Room	2X4 Rec Troffer	T-8	5	4	20	32					
Outside	Flood	MH	3	1	3	400					
Outside	Rec Can 6inch	MH	15	1	15	100					
Outside	Outdoor Wall Sconce	CFL Screw In	6	1	6	32					
Historical Comm.	2X2 Rec Utube Para	T-8	9	2	18	32					
Historical Comm.	2X4 Rec Troffer	T-8	15	2	30	32					
Compliance	2X4 Rec Para	T-8	10	4	40	32					
Compliance	2X2 Rec Utube Para	T-8	2	2	4	32					
Restroom	2X4 Rec Troffer	T-8	1	4	4	32					
Restroom	2X4 Rec Troffer	T-8	2	2	4	32					
Offices	2X4 Rec Troffer	T-8	60	3	180	32					
Offices	2X4 Rec Troffer	T-8	1	2	2	32					
Offices	2X2 Rec Para	CFL 2G11 Base	18	3	54	28					
Offices	Rec Can 6inch	CFL Screw In	24	3	72	32					
Offices	2X4 Rec Troffer	T-8	56	3	168	32					
Tax Offices	2X4 Rec Troffer	T-8	43	4	172	32					

CURRENT LIGHTING ANALYSIS

Tax Offices	2X4 Rec Troffer	T-8	2	4	8	32
Stairwell	1X4 Sf Mount	T-8	3	2	6	32
Stairwell Hall	Pendant	A19	5	1	5	60
Stairwell Hall	Rec Can 6inch	CFL Screw In	1	1	1	32
County Judge	2X4 Rec Troffer	T-8	13	4	52	32
County Judge	Rec Can 6inch	CFL 2Pin SM	3	2	6	32
County Judge	2X4 Rec Troffer	T-8	8	3	24	32
County Judge	Ceiling Mt Fixture	CFL Screw In	1	1	1	13
Auditor	Lamp	A19	3	1	3	60
Auditor	Ceiling Fan	CFL Screw In	1	3	3	13
Auditor	Ceiling Fan	Candel E12	1	3	3	40
Auditor	1X8 Sf Mount	T-12	1	2	2	85
Offices	2X4 Rec Troffer	T-8	7	4	28	32
Historical Comm.	2X4 Rec Troffer	T-8	80	3	240	32
Back Office	2X4 Rec Troffer	T-8	6	4	24	32
Auditor Hallway	2X4 Rec Troffer	T-8	12	3	36	32
Entrance	Flood	CFL Screw In	1	2	2	32
Environmental	2X4 Rec Troffer	T-8	17	3	51	32
Hot Checks	2X4 Rec Troffer	T-8	48	4	192	32
Closet	1X2 Sf Mount	T-12	1	2	2	20
Restroom	2X4 Rec Troffer	T-8	4	4	16	32
Restroom Hall Elevator	Rec Can 3inch	Halogen MR16	24	1	24	50
Restroom	2X4 Rec Troffer	T-8	1	4	4	32
Restroom	2X4 Rec Troffer	T-12	1	2	2	40
Courtroom	2X4 Rec Troffer	T-8	6	6	36	32
Courtroom	2X4 Rec Troffer	T-8	9	3	27	32
Courtroom	2X4 Rec Troffer	T-8	1	2	2	32
Stairwell	Ceiling Mt Fixture	CFL Screw In	1	1	1	32
Back Office	2X2 Rec Utube	T-8	8	3	24	32
Back Office	2X4 Rec Troffer	T-8	4	2	8	32
Back Office	2X4 Rec Troffer	T-8	1	4	4	32
Back Office	2X2 Rec Utube	T-8	6	2	12	32
Stairwell	1X4 Sf Mount	T-8	3	2	6	32
Stairwell	Ceiling Mt Fixture	A19	1	1	1	60

CURRENT LIGHTING ANALYSIS

Maintenance	2X4 Rec Troffer	T-8	6	2	12	32
Maintenance	2X4 Rec Troffer	T-8	2	4	8	32
Offices	Track	CFL Screw In	1	4	4	13
Offices	Track	BR30 4"	4	3	12	65
Precinct 1	2X4 Rec Troffer	T-8	36	2	72	32
Maintenance	2X4 Rec Troffer	T-8	6	4	24	32
Maintenance	2X4 Rec Troffer	T-8	4	3	12	32
Outside	Shoebox Pole	MH	15	1	15	200



CURRENT LIGHTING ANALYSIS

Current Lighting Analysis											
Kerr County Detention Center											
Location	Current Fixture Type	Bulb Type	No. of Fixture	Bulb Per Fixture	No. Bulb	Watt per Bulb	Hours of Use / Day	Days Used Per Week	kWh Usage / Year	Current Electrical Rate (\$0.09/kWh)	Total Electric Cost/Year Dollars
Detention Building											
Outdoor	Flood	MH	2	1	2	150					
Outdoor	Flood	MH	3	1	3	150					
Parking Lot	Shoebox Pole	MH	2	1	2	250					
Entrance	Rec Can Sinch	Halogen	2	1	2	90					
Restrooms	1X4 Sf Mount	T-8	2	2	4	32					
Entrance Waiting	2X4 Rec Troffer	T-8	6	3	18	32					
Admin Hallway	2X4 Rec Troffer	T-8	5	3	15	32					
Offices	2X4 Rec Troffer	T-8	12	3	36	32					
Office	2X4 Rec Troffer	T-8	4	3	12	32					
Restrooms	1X4 Sf Mount	T-8	1	2	2	32					
Restrooms	1X2 Sf Mount	T-8	1	2	2	32					
Dress	1X4 Hanging Strip	T-8	1	2	2	32					
Prop/Issue	1X4 Hanging Strip	T-8	2	3	6	32					
ICU Rooms	1X4 Hanging Strip	T-8	8	3	24	32					
Interview	1X4 Hanging Strip	T-8	2	2	4	32					
Processing	1X4 Hanging Strip	T-8	3	2	6	32					
Safety Vestibule	1X4 Hanging Strip	T-8	1	2	2	32					
Food Storage	1X4 Hanging Strip	T-8	2	1	2	32					
Staff RR	1X4 Hanging Strip	T-8	38	2	76	32					
SV Hallway	1X4 Hanging Strip	T-8	2	2	4	32					
Classroom	1X4 Hanging Strip	T-8	16	3	48	32					
ISO Hallway	1X4 Hanging Strip	T-8	2	2	4	32					
Isolation	1X4 Hanging Strip	T-8	1	3	3	32					

CURRENT LIGHTING ANALYSIS

Control	2X4 Rec Troffer	T-8	4	4	16	32
Sleep Dorms	2X4 Rec Troffer	T-8	24	3	72	32
Sink Dorms	1X4 Hanging Strip	T-8	24	2	48	32
Dayrooms	1X4 Hanging Strip	T-8	18	3	54	32
Showers	1X4 Hanging Strip	T-8	3	3	9	32
Indoor A	2X2 Hanging Strip	T-8	8	4	32	32
Hallway Library	1X4 Hanging Strip	T-8	8	2	16	32
Library	1X4 Hanging Strip	T-8	3	3	9	32
Nurse	1X4 Hanging Strip	T-8	3	3	9	32
STG	1X4 Hanging Strip	T-8	2	2	4	32
Chase SM Pipe	1X4 Hanging Strip	T-8	1	2	2	32
Pipe Chase	1X4 Hanging Strip	T-8	10	2	20	32
Visitation	1X4 Hanging Strip	T-8	8	3	24	32
SV Hall	1X4 Hanging Strip	T-8	1	2	2	32
Wall Outside	Wall Pack	MH	6	1	6	100
Wall Outside	Wall Pack	MH	8	1	8	250
Cage Area	Canopy	MH	8	1	8	250

CURRENT LIGHTING ANALYSIS

Current Lighting Analysis

Kerr County - New Ag Barn

Location	Current Fixture Type	Bulb Type	No. of Fixture	Bulb Per Fixture	No. Bulb	Watt per Bulb	Hours of Use/Day	Days Used Per Week	kWh Usage/Year	Current Electrical Rate (\$0.00/kWh)	Total Electric Cost/Year Dollars
Show Barn	2X4 Sf Mount	T-5	65	4	260	54					
Fountain	Rec Can Sinch	CFL 4Pin	2	1	2	42					
Womens RR	Rec Can Sinch	CFL 4Pin	1	1	1	42					
Womens RR	2X4 Sf Mount	T-8	6	2	12	32					
Mens RR	Rec Can Sinch	CFL 4Pin	3	1	3	42					
Mens RR	2X4 Sf Mount	T-8	6	2	12	32					
Womens & Mens RR	Rec Can Sinch	CFL 4Pin	2	1	2	42					
Outdoor	Security	Halogen	9	1	9	25					
Outdoor	Flood	Halogen	11	1	11	100					
Outdoor	Flood	MH	5	1	5	150					
Outdoor LED No Quote	Wall Pack	LED	1	1	1	30					
Grand Room	Rec Can Sinch	CFL 4Pin	62	1	62	42					
Grand Room	2X4 Rec Troffer	T-5	80	4	320	28					
Front Entrance	2X4 Rec Troffer	T-8	8	2	16	32					
Mechanical	1X4 Hanging Strip	T-5	1	1	1	54					
Mechanical	1X4 Hanging Strip	T-5	1	2	2	54					
Private Computer Rm	2X4 Rec Troffer	T-8	2	2	4	32					
Storage, Left	1X4 Hanging Strip	T-5	7	1	7	54					
Left Office	2X4 Rec Troffer	T-8	6	2	12	32					
Womens RR	Rec Can Sinch	CFL 4Pin	2	1	2	42					
Womens RR	1X4 Sf Mount	T-8	8	2	16	32					
Mens RR	2X4 Rec Troffer	T-8	5	2	10	32					
Mens RR	Rec Can Sinch	CFL 4Pin	2	1	2	42					
Jakes Office	2X4 Rec Troffer	T-8	3	2	6	32					

CURRENT LIGHTING ANALYSIS

Hallway Left	2X4 Rec Troffer	T-8	19	2	38	32
Rm 102 & 103	2X4 Rec Troffer	T-8	18	2	36	32
Rm 101	2X4 Rec Troffer	T-8	9	2	18	32
Storage	1X4 Hanging Strip	T-5	9	1	9	54
Hallway	2X4 Rec Troffer	T-8	16	2	32	32
Womens RR	1X4 Sf Mount	T-8	3	2	6	32
Mens RR	1X4 Sf Mount	T-8	3	2	6	32
Mens RR	Rec Can 5inch	CFL 4Pin	2	1	2	42
Womens RR	Rec Can 5inch	CFL 4Pin	2	1	2	42
Concession	2X4 Sf Mount	T-5	10	4	40	54
Grand Room	1X4 Sf Mount	T-5	94	2	188	28



CURRENT LIGHTING ANALYSIS

Current Lighting Analysis													
Kerr County - Park & Restrooms													
Location	Current Fixture	T Bulb Type	No. of Fixture	Bulb Per Fixture	No. Bulb	Watts per Bulb	Hours of Use/Day	Days Used/Week	kWh Usage/Year	Current Electrical Rate (\$0.09/kWh)	Total Electric Cost/Year Dollars		
Outdoor Building	Wall Pack	MH	6	1	6	50							
Mens Restroom	2X4 Rec Troffer	T-8	5	4	20	32							
Womens Restroom	2X4 Rec Troffer	T-8	5	4	20	32							
Yard Light No Quote	LED	LED	1	1	1								
Rest Room	2X4 Rec Troffer	T-8	2	4	8	32							
Hallway	2X4 Rec Troffer	T-8	2	4	8	32							
Main Area	2X4 Rec Troffer	T-8	12	4	48	32							
Office	2X4 Rec Troffer	T-8	3	4	12	32							
Pavillion	HB Bell Acrylic												
16" Pend		MH	8	1	8	400							
String Lights No Quote													
Dance Area No Quote													
Dance Area	Hanging Fixture	A19	17	1	17	100							
Parking	Flood	MH	2	4	8	400							
Small Pavillion	1X4 Sf Mount	T-8	2	4	8	32							
Tree Light	LED	LED	4	1	4								
		CFL Screw											
Tree Light	Flood	In	3	2	6	42							

CURRENT LIGHTING ANALYSIS

Current Lighting Analysis											
Kerr County Probation Center											
Location	Current Fixture Type	Bulb Type	No. of Fixture	Bulb Per Fixture	No. Bulb	Watt per Bulb	Hours of Use/Day	Days Used Per Week	kWh/Usage/Year	Current Electrical Rate (\$0.00/kWh)	Total Electric Cost/Year Dollars
Probation Building											
Small Office	2X4 Rec Troffer	T-12	1	3	3	34					
Restrooms	1X4 Sf Mount	T-12	1	2	2	34					
Pan Storage	2X4 Rec Troffer	T-12	1	3	3	34					
Kitchen	2X4 Rec Troffer	T-12	8	3	24	34					
2nd Pan Storage	2X4 Rec Troffer	T-12	2	6	12	34					
Freezer	Wall Fixture	A19	1	1	1	34					
Cleaning Storage	Ceiling Mt Fixture	A19	1	1	1	60					
Conference Room	2X4 Rec Troffer	T-12	5	3	15	34					
Hallways	1X4 Rec Troffer	T-12	23	3	69	34					
Visitation											
Breakroom	1X4 Rec Troffer	T-12	4	3	12	34					
Laundry	2X4 Rec Troffer	T-12	3	3	9	34					
Intake	2X4 Rec Troffer	T-12	4	3	12	34					
Intake	1X4 Rec Troffer	T-12	7	2	14	34					
Key Storage	1X4 Sf Mount	T-12	2	2	4	34					
Restrooms	1X4 Sf Mount	T-12	2	2	4	34					
Walls	2X4 Sf Mount	T-12	48	4	192	34					
Hallway	2X4 Sf Mount	T-12	2	3	6	34					
Training Room	2X4 Rec Troffer	T-12	8	3	24	60					
Gym	HB Bell Acrylic 16" Pend	MH	9	1	9	250					
Side Hall	2X4 Rec Troffer	T-12	2	3	6	34					
Offices	2X4 Rec Troffer	T-12	4	3	12	34					

CURRENT LIGHTING ANALYSIS

Offices	2X4 Rec Troffer	T-12	4	3	12	34
Classroom	2X4 Rec Troffer	T-12	8	3	24	34
Reception	2X4 Rec Troffer	T-12	9	3	27	34
Front Hallway	2X4 Rec Troffer	T-12	4	3	12	34
Computer Room	2X4 Rec Troffer	T-12	1	3	3	34
Office 1	2X4 Rec Troffer	T-12	2	3	6	34
Office 2	2X4 Rec Troffer	T-12	2	3	6	34
Office 3	2X4 Rec Troffer	T-12	3	3	9	34
Office 4	2X4 Rec Troffer	T-12	2	3	6	34
Office 5	2X4 Rec Troffer	T-12	3	3	9	34
Office 6	2X4 Rec Troffer	T-12	3	3	9	34
Office 7	2X4 Rec Troffer	T-12	2	3	6	34
Front Entrance	2X4 Rec Troffer	T-12	4	3	12	34
Front Entrance	1X4 Sf Mount	T-12	1	2	2	34
Top Of Building	Flood	MH	2	1	2	250
Restrooms	1X4 Sf Mount	T-8	2	2	4	32
Outside Building Wall	Wall Pack	MH	8	1	8	175

CURRENT LIGHTING ANALYSIS

Current Lighting Analysis													
Kerr County - Wool Barn													
Location	Current Fixture Type	Bulb Type	No. of Fixture	Bulb No.	Watt per Bulb	Hours of Use/Day	Days Used Per Week	kWh Usage/Year	Current Electrical Rate (\$0.09/kWh)	Total Electric Cost/Year Dollars			
Testing Wool Area	1X8 Sf Mount	T-12	5	2	10	75							
Testing Wool Area	1X4 Sf Mount	T-8	20	2	40	32							
Outdoor Building	Security	MH	8	1	8	400							
Outdoor Building	Security	MH	1	1	1	250							
Covered Eq. Area	1X8 Sf Mount	T-12	4	2	8	75							

CURRENT LIGHTING ANALYSIS

Current Lighting Analysis										
Kerr County AG Extension Office										
Location	Current Fixture Type	Bulb Type	No. of Fixture	Bulb Per Fixture	No. Bulb	Watt per Bulb	Hours of Use/Day	Days Used Per Week	Current Electrical Rate (\$0.00/kWh)	Total Electric Cost/Year Dollars
Entrance	2X4 Rec Troffer	T-8	2	4	8	8	32			
Event Area	2X4 Rec Troffer	T-8	16	4	64	64	32			
Storage RT	1X4 Sf Mount	T-8	2	4	8	8	32			
Storage Left	2X4 Rec Troffer	T-8	4	4	16	16	32			
Hallway	2X4 Rec Troffer	T-8	5	4	20	20	32			
Men's Restroom	2X4 Rec Troffer	T-8	2	4	8	8	32			
Women's Restroom	2X4 Rec Troffer	T-8	2	4	8	8	32			
Copier & Records	2X4 Rec Troffer	T-8	6	4	24	24	32			
Reception Area	2X4 Rec Troffer	T-8	5	4	20	20	32			
Office #1	2X4 Rec Troffer	T-8	3	4	12	12	32			
Office #2	2X4 Rec Troffer	T-8	3	4	12	12	32			
Office #3	2X4 Rec Troffer	T-8	3	4	12	12	32			
Office #4	2X4 Rec Troffer	T-8	3	4	12	12	32			
Exit Sign NO										
Quote	Security	LED	5	2	10	10	100			
Side of Building	Security	MH	1	1	1	1	100			
Building	Knuckle Flood	MH	1	1	1	1	150			
Building	Wall Pack	MH	3	1	3	3	150			

CURRENT LIGHTING ANALYSIS

Current Lighting Analysis Kerr County Jail											
Location	Current Fixture Type	Bulb Type	No. of Fixture	Bulb Per Fixture	No. Bulb	Watt per Bulb	Hours of Use/Day	Days Used Per Week	kWhr Usage/Year	Current Electrical Rate (\$0.09/kWh)	Total Electric Cost/Year Dollars
JAIL											
Separation	2X4 Rec Troffer	T-8	9	2	18	32					
Separation	2X4 Rec Troffer	T-8	13	2	26	32					
Chase	2X4 Rec Troffer	T-8	85	2	170	32					
Holding	2X4 Rec Troffer	T-8	3	2	6	32					
Medical	2X4 Rec Troffer	T-8	5	4	20	32					
Medical	2X4 Rec Troffer	T-8	1	2	2	32					
Pods	2X4 Rec Troffer	T-8	40	2	80	32					
Closet	2X4 Rec Troffer	T-8	3	2	6	32					
Kitchen	2X4 Rec Troffer	T-8	14	4	56	32					
Kitchen	2X4 Rec Troffer	T-8	2	2	4	32					
Kitchen	Vent	A19	6	1	6	40					
Janitor	2X4 Rec Troffer	T-8	1	2	2	32					
Law Library	2X4 Rec Troffer	T-8	5	4	20	32					
Electrical Rm	2X4 Rec Troffer	T-8	12	2	24	32					
Cells	2X4 Rec Troffer	T-8	16	2	32	32					
Cells - Desk	1X3 Sf Mount	T-8	2	2	4	30					
Separation	2X4 Rec Troffer	T-8	4	2	8	32					
Separation	2X4 Rec Troffer	T-8	2	2	4	32					
Storage	2X4 Rec Troffer	T-8	16	2	32	32					
Sally Port	2X4 Rec Troffer	T-8	1	2	2	32					
Sally Port	2X4 Rec Troffer	T-8	11	4	44	32					
Visitation	2X4 Rec Troffer	T-8	3	2	6	32					
Visitation	2X4 Rec Troffer	T-8	3	4	12	32					
Chase	2X4 Rec Troffer	T-8	17	2	34	32					
MultiPurpose Area	2X4 Rec Troffer	T-8	18	4	72	32					

CURRENT LIGHTING ANALYSIS

MultiPurpose Area	2X4 Rec Troffer	T-8	1	2	2
Central Control	Ceiling Mt Fixture	A19	8	1	8
Halls	2X4 Rec Troffer	T-8	59	4	236
Halls	2X4 Rec Troffer	T-8	6	2	12
Jail	Ceiling Mt Fixture	A19	9	1	9
Women's Section	2X4 Rec Troffer	T-8	120	2	240
Women's Section	1X3 Sf Mount	T-8	8	2	16
Central Control	Ceiling Mt Fixture	A19	8	1	8
SHERIFF AREA					
Warrants	2X4 Rec Troffer	T-8	12	3	36
Warrants	Rec Can 5inch	Par30 4"	8	1	8
Sheriff's Area	2X4 Rec Troffer	T-8	74	4	296
Sheriff's Area	2X4 Rec Troffer	T-8	4	2	8
Sheriff's Area	2X4 Rec Troffer	T-8	24	2	48
Sheriff's Area	2X4 Rec Troffer	T-8	3	3	9
Entrance	Rec Can 8inch	MH	3	1	3
Entrance	1X4 Sf Mount	T-8	10	1	10
Entrance	Flood	CFL Screw In	1	2	2
Holding Cells	Ceiling Mt Fixture	A19	14	1	14
Holding Cells	2X4 Rec Troffer	T-8	16	2	32
Holding Cells	2X4 Rec Troffer	T-8	3	4	12
Halls	2X4 Rec Troffer	T-8	18	4	72
Booking	2X4 Rec Troffer	T-8	6	2	12
Booking	2X4 Rec Troffer	T-8	4	4	16
Booking	2X4 Rec Troffer	T-8	11	2	22
F Dorm	2X4 Rec Troffer	T-8	18	2	36
F Dorm	2X4 Rec Troffer	T-8	12	4	48
F Dorm	2X4 Rec Troffer	T-8	6	2	12
F Dorm	2X4 Rec Troffer	T-8	12	4	48
F Dorm	2X2 Rec Troffer	T-8	18	3	54
F Dorm	2X4 Rec Troffer	T-8	18	2	36
F Dorm	Nightlight	A19	28	1	28

CURRENT LIGHTING ANALYSIS

OUTSIDE						
Outside Entry	Rec Can 10inch	A19	5	1	5	60
Outside Walls	Wall Pack	MH	5	1	5	250
Parking Lot	Shoebox Pole	MH	22	1	22	250

CURRENT LIGHTING ANALYSIS

Current Lighting Analysis												
Kerr County - Old Ag Barn												
Location	Current Fixture Type	Bulb Type	No. of Fixture	Bulb Per Fixture	No. Bulb	Watt per Bulb	Hours of Use/Day	Days Used Per Week	kWh Usage/Year	Current Electrical Rate (\$0.00/kWh)	Total Electric Cost/Year Dollars	
Indoor Arena	HB Bell Acrylic 22" Pend	MH	67	1	67	400						
Outdoor Wall	Security	MH	9	1	9	400						
Fence Line	Security	MH	5	1	5	400						
Back Outdoor Pens Building	Security	MH	3	1	3	400						
Gate Lights	Flood	MH	2	1	2	150						
Storage	1X4 Sf Mount	T-8	3	4	12	32						
Storage	1X8 Sf Mount	T-12	24	2	48	60						
Storage	2X4 Sf Mount	T-8	8	4	32	32						
LED Pole Light No Quote												

CURRENT LIGHTING ANALYSIS

Current Lighting Analysis											
Kerr County - Port. Classroom											
Location	Current Fixture Type	Bulb Type	No. of Fixture	Bulb No. per Fixture	Watt. per Bulb	Hours of Use/Day	Days Used Per Week	kWh Usage/Year	Current Electrical Rate (\$0.00/kWh)	Total Electric Cost/Year Dollars	
Classroom	2X4 Rec Troffer	T-8	18	4	72	32					

CURRENT LIGHTING ANALYSIS

Current Lighting Analysis											
Kerr County - Road & Bridge											
Location	Current Fixture Type	Bulb Type	No. of Fixture	Bulb Per Fixture	No. Bulb	Watt per Bulb	Hours of Use/Day	Days Used Per Week	Usage/Year	Current Electrical Rate (\$0.00/kWh)	Total Electric Cost/Year Dollars
Back Left of Offices	2X4 Rec Troffer	T-12	4	4	16	40					
Work Area	2X4 Rec Troffer	T-12	2	4	8	40					
Work Area, Ice Machine	2X4 Rec Troffer	T-12	2	4	8	40					
Mens Rest Rooms	Ceiling Mt Fixture	A19	1	1	1	60					
Womens Rest Rooms	Vanity	A19	1	3	3	60					
Break Room	2X4 Rec Troffer	T-8	3	4	12	32					
Conference Room	2X4 Rec Troffer	T-8	6	4	24	32					
Rec. Area	2X4 Rec Troffer	T-8	10	4	40	32					
Eng. Office	2X4 Rec Troffer	T-8	2	4	8	32					
Admin. Office	2X4 Rec Troffer	T-8	2	4	8	32					
Shop Office	1X8 Sf Mount	T-8	2	2	4	59					
Rest Rooms	Ceiling Mt Fixture	A19	1	1	1	60					
Walkway by Rest Room	1X8 Sf Mount	T-12	2	2	4	60					
2nd Floor	1X4 Sf Mount	T-8	2	4	8	32					
Uniform Exit	1X8 Sf Mount	T-12	1	2	2	60					
Entrance NO Quote	Ceiling Mt Fixture	LED	1	1	1	14					
Shop Bench	1X4 Sf Mount	T-8	2	8	16	32					
Center Shop	HB Bell Alum 22" Pend	MH	4	1	4	400					
Shop	2x4 Hanging Strip	T-5	8	6	48	54					
2nd Floor Storage	1X4 Sf Mount	T-8	1	4	4	32					
Flood	Spot	A19	1	2	2	60					
Switch No Quote	Wall Pack	LED	1	1	1						
H2O Shed	1X4 Vapor Proof Troffer	T-8	1	2	2	32					
Sign Shop	1X8 Sf Mount	T-12	4	2	8	60					

CURRENT LIGHTING ANALYSIS

Parts Room	1X4 Sf Mount	T-8	6	4	24	32
Office Rest Room	Ceiling Mt Fixture	A19	1	1	1	75
Outdoor No Quote	Wall Fixture	LED	1	1	1	
Emergency Light	Wall Fixture	Light	1	2	2	10
Outdoor	Wall Pack	MH	1	1	1	150