

The Procurement Division of Knox County, Tennessee will receive sealed bids for the provision of **Electrical Services** as specified herein. Bids must be received by **2:00 p.m. on March 19, 2024**. Late bids will neither be considered nor returned.

Deliver Bids To:

Bid Number 3521
Knox County Procurement Division
1000 North Central Street, Suite 100
Knoxville, Tennessee 37917

The Bid Envelope Must Show The Company Name, Bid Number, Bid Name & Bid Opening Date

SECTION I GENERAL TERMS AND CONDITIONS

- 1.1 ADDITIONAL INFORMATION:** Knox County wants requests for additional information routed to Donnie Fawver, CPPB, Senior Buyer, Construction and Contract Specialist at 865.215.5756. Questions may emailed to donnie.fawver@knoxcounty.org. If you have not heard from the Buyer in a reasonable amount of time, please call for further assistance. Information about the Knox County Procurement Division and current solicitations may be obtained on the Internet at www.knoxcounty.org/procurement.
- 1.2 ACCEPTANCE:** Vendors shall hold their price firm and subject to acceptance by Knox County for a period of sixty (60) business days from the date of the bid opening, unless otherwise indicated in their bid.
- 1.3 ALTERNATIVE BIDS:** Knox County will not accept alternate bids (those not equal to specifications) unless authorized by the Invitation for Bids.
- 1.4 AUDIT HOTLINE:** Knox County has established an Audit Hotline to report potential fraud and waste. To report potential fraud, waste or abuse, please call or 1.866.858.4443 (toll-free). You can also file a report online by accessing <http://www.knoxcounty.org/hotline/index.php>. **Vendors are hereby cautioned that this Audit Hotline does not replace the Award Protest Procedures found in Section VI, Item M of the Knox County Procurement Regulations.**
- 1.5 AWARD:** Award will be made to the most responsive, responsible bidder(s) meeting specifications, which presents the product and service that is in the best interest of Knox County. Knox County reserves the right to award this bid on an item-by-item basis, schedule basis, an all-or-none basis or by a multiple award. The evaluation criteria is listed herein. Knox County also reserves the right to not award this bid.
- 1.6 BID DELIVERY:** Knox County requires bidders, when hand delivering bids, to time and date stamp the envelope before depositing it in the bid box. Knox County will not be responsible for any lost or misdirected mail sent by common carrier, nor will Knox County be responsible for submittals delivered to addresses and Suites other than the delivery address and Suite specified at the top of this solicitation. The time clock in the Procurement Division shall serve as the official record of time. Electronic submissions are recorded electronically. Knox County shall not be responsible for technical difficulties experienced by vendors trying to register or submit their bid electronically less than twenty-four (24) hour prior to the bid opening time.
- Responses must be in a sealed envelope/box prior to entering the Procurement Division office. Procurement Division personnel are not allowed to see the submittal nor assist in placing documents in an envelope/box. Additionally, the Procurement Division is not responsible for providing materials (e.g. envelopes, boxes, tape) for submittals.**
- 1.7 BIDS REQUESTED ON BRANDS OR EQUAL:** Unit price bids are requested on products that equal or exceed the quality and performance of the brands and model numbers listed. References to brand names, trade names, model numbers or other descriptions particular to specific brand products are made to establish a required level of quality and functional capabilities and are not intended to exclude other products of that level. Comparable products of other manufacturers will be considered if proof of comparability is contained in the bid. It shall be the responsibility of the bidders, including bidders whose product is referenced; to furnish with the bid such specifications, catalog pages, brochures or other data as will provide an adequate basis for determining the quality and functional capabilities of the product offered. Failure to provide this data may be considered valid justification for rejection of bid.

- 1.8 BUSINESS OUTREACH PROGRAM:** Knox County has established a Business Outreach Program, which has the responsibility of increasing opportunity for small, minority and women owned businesses. This is being accomplished through community education programs, policy edification, active recruitment of interested businesses and process re-engineering.

Knox County is committed to ensuring full and equitable participation for all disadvantaged businesses. Knox County welcomes submittals from those disadvantaged businesses that have an interest in providing goods and/or services listed herein. In addition, Knox County strongly encourages the inclusion of disadvantaged businesses by non-disadvantaged contractors who may wish to partner or subcontract portions of this agreement in order to accomplish the successful delivery of goods and/or services. If you are a disadvantaged business and would like additional information about our Business Outreach Program, please contact:

Diane Woods, CPPB Business Outreach Administrator
Telephone: 865.215.5760
Fax: 865.215.5778
Email: diane.woods@knoxcounty.org

- 1.9 CLOSURES:** During periods of closure due to unforeseen circumstances in Knox County or closures at the direction of the Knox County Mayor, the Procurement Division will enact the following procedures in regards to solicitations and closures:

- If the Mayor closes the Administrative offices prior to the time set for solicitation opening of any business day, all solicitations due that same day will be moved to the next full operational business day.
- Other unforeseen circumstances shall be at the sole discretion of the Procurement Director.
- Knox County shall not be liable for any commercial carrier's decision regarding deliveries during any unforeseen circumstances.

- 1.10 CONFLICT OF INTEREST:** Vendors must have read and complied with the "Non-Conflict of Interest" statement provided in the vendor registration process prior to the opening of this solicitation.

- 1.11 DESCRIPTIVE LITERATURE:** Vendors must identify the manufacturer and the specifications to which they are submitting.

- 1.12 DECLARATIVE STATEMENTS:** Any statement or words (e.g.: must, shall, will) are declarative statements and the vendor must comply with the condition. Failure to comply with any such condition may result in the bid being non-responsive and disqualified.

- 1.13 DRUG-FREE WORKPLACE:** If **Contractor** has five (5) or more employees receiving pay: **Contractor** shall have a drug-free workplace program that complies with Title 50, Chapter 9 of the Code of Tennessee, shall obtain a certificate of compliance with the applicable portions of the Drug-Free Workplace Act from the Department of Labor and Workforce, and shall Provide the Affidavit required by Public Acts, 2000, Chapter 918. **Contractor** shall ensure that it is in compliance with Public Acts, 2000, Chapter No. 918.

- 1.14 DUPLICATE COPIES:** Knox County requires that bids be submitted as one (1) marked original and one (1) exact copy. No additional copies are required when submitting electronically.

- 1.15 ELECTRONIC TRANSMISSION OF BIDS:** Knox County's Procurement Division will NOT accept electronically transmitted bids through the County's online Procurement system. Email and Facsimile submission is strictly prohibited.

- 1.16 HOW TO DO BUSINESS:** Knox County utilizes a web-based Procurement software system, "KnoxBuys". The system provides our clients (vendors, county departments and the citizens of Knox County) with a more enhanced and end-user friendly means of accessing our services. The system allows for on-line vendor registration and maintenance, electronic receipt of purchase orders, on-line retrieval and submittal of quotes, bids and proposals for our vendor-clients and on-line requisitioning and receiving for our county departments. In order for the County to maximize its investment and minimize the cost associated with office operations we need your help. When doing business with Knox County we are urging you to please go to our website at www.knoxcounty.org/procurement, register as a vendor in our on-line Procurement system, "KnoxBuys," if you have not done so and whenever possible to conduct your business with the County through this site. If you have any questions please contact the Procurement Division Representative listed in Section 1.1 of this document.

- 1.17 **INCURRED COSTS:** Knox County will not be responsible for any costs incurred by the bidder in the preparation of their bid.
- 1.18 **MULTIPLE BIDS:** Knox County will consider multiple bids that meet specifications.
- 1.19 **NEW MATERIAL:** Unless specified otherwise in the bid package, the Contractor must provide new supplies. New, as used in this clause, means previously unused materials. Material includes but is not limited to, raw material, parts, items, components and end products. Contractor submission of other than new materials may be cause for the rejection of their bid. Knox County will not allow remanufactured or refurbished parts/equipment allowed under this Contract.
- 1.20 **NON-COLLUSION:** Vendors, by submitting a signed bid or proposal, certify that the accompanying bid or proposal is not the result of, or affected by, any unlawful act of collusion with any other person or company engaged in the same line of business or commerce, or any other fraudulent act punishable under Tennessee or United States law.
- 1.21 **PAYMENT METHOD:** Knox County utilizes two (2) methods of placing orders for products. The first is the use of Purchase Orders. These Purchase Orders will be issued from Knox County Procurement Division via email. The Purchase Order will detail the quantity, specific item(s) and the contracted price for each item.
- The second method is the use of the Knox County E-Commerce Card (VISA). Orders placed with the credit card will list the same information as the Purchase Order. Vendors will be given the card information and approval to process the transactions by the requesting department. Vendors must indicate in their bid response if the vendor will accept the Knox County E-Commerce Card (VISA) as a form of payment. Bidders are prohibited to charge Knox County any type of merchant fee from their financial institution to accept this type of payment.
- 1.22 **POSSESSION OF WEAPONS:** All vendors and their employees and their agents are prohibited from possessing any weapons on Knox County property without prior written consent from the County. In the case of a vendor whose contract requires possession of firearms or other weapons to successfully complete their contract, vendor must provide personnel who are bonded to bear said weaponry.
- 1.23 **PROCESSING TIME FOR PAYMENT:** Vendors are advised that a minimum of thirty (30) days is required to process invoices for payment.
- 1.24 **PROOF OF FINANCIAL AND BUSINESS CAPABILITY:** Vendors must, upon request, furnish satisfactory evidence of their ability to furnish products or services in accordance with the terms and conditions of these specifications. Knox County will make the final determination as to the vendor's ability.
- 1.25 **RECYCLING:** Knox County, in its continuing efforts to lessen the amount of landfill waste and to further recycling efforts, request that bids be sent electronically. Bids being submitted on paper shall:
- Be submitted on recycled paper;
 - Not include pages of unnecessary advertising;
 - Be made on both sides of each sheet of paper.
- 1.26 **RESTRICTIVE OR AMBIGUOUS SPECIFICATIONS:** It is the responsibility of the prospective bidder to review the entire Invitation for Bids (IFB) packet and to notify the Procurement Division if the specifications are formulated in a manner that would unnecessarily restrict competition. Any such protest or question regarding the specifications or bidding procedures must be received in the Procurement Division before **March 8, 2024 at 4:30 p.m.** local time. These requirements also apply to specifications that are ambiguous.
- 1.27 **SIGNING OF BIDS:** In order to be considered all bids **must** be signed. Please sign the original in blue ink. By signing the bid document, the vendor acknowledges and accepts the terms and conditions stated in the bid document. The submission of your electronic bid will be the acknowledgement of signature.
- 1.28 **TAXES:** Knox County purchases are not subject to taxation. Tax exemption certificates will be provided upon request.
- 1.29 **TERM BID AGREEMENTS:** If this bid results in a term bid Contract with the vendor, Knox County must receive all general price decreases that other similar customers receive.

- 1.30 TITLE VI OF THE 1964 CIVIL RIGHTS ACT:** “Nondiscrimination in Federally Assisted Programs”—“No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.” 42 U.S.C. Section 2000 et seq. It is the policy of Knox County Government that all its services and activities be administered in conformance with the requirements of Title VI.
- 1.31 USE OF BID FORMS:** Vendors must complete the bid forms contained in the bid package. Failure to complete the bid forms may result in bid rejection. The use of any other form(s) may be just cause for disqualification.
- 1.32 VENDOR DEFAULT:** Knox County reserves the right, in case of vendor default, to procure the articles or services from other sources and hold the defaulting vendor responsible for any excess costs occasioned thereby. Should vendor default be due to a failure to perform or because of a request for a price increase, Knox County reserves the right to remove the vendor from the County's bidders list for twenty-four (24) months.
- 1.33 VENDOR REGISTRATION:** Prior to the opening of this bid, **ALL BIDDERS** must be registered with the Procurement Division. Please register on-line at our website at www.knoxcounty.org/procurement and click on “Online Vendor Registration.” Vendors must be registered with the Procurement Division prior to submitting their bid. Knox County shall not be responsible for technical difficulties experienced by vendors trying to register or submit their bid electronically less than twenty-four (24) hours prior to the bid opening time.
- 1.34 WAIVING OF INFORMALITIES:** Knox County reserves the right to waive minor informalities or technicalities when it is in the best interest of Knox County.

SECTION II OBLIGATIONS, RIGHTS AND REMEDIES

These terms and conditions shall be part of the Contract. Knox County reserves the right to negotiate other terms and conditions it deems appropriate and necessary under the circumstances to protect the public's trust.

- 2.1 ALTERATIONS OR AMENDMENTS:** No alterations, amendments, changes, modifications or additions to this Contract shall be binding on Knox County without the prior written approval of the County.
- 2.2 APPROPRIATION:** In the event no funds are appropriated by Knox County for the goods or services in any fiscal year or insufficient funds exist to purchase the goods or services, then the Contract shall expire upon the expenditure of previously appropriated funds or the end of the current fiscal year, whichever occurs first, with no further obligations owed to or by either party.
- 2.3 ASSIGNMENT:** Contractor shall not assign or sub-contract this agreement, its obligations or rights hereunder to any party, company, partnership, incorporation or person without the prior written specific consent of Knox County.
- 2.4 BOOKS AND RECORDS:** Contractor shall maintain all books, documents, accounting records and other evidence pertaining to the goods and services provided under this Contract and make such materials available at its offices at all reasonable times during the contract period and for three (3) years from the date of the final payment under this agreement for inspection by County or by any other governmental entity or agency participating in the funding of this agreement, or any authorized agents thereof; copies of said records to be furnished if requested. Such records shall not include those books, documents and accounting records that represent the Contractor's costs of manufacturing, acquiring or delivering the products and services governed by this agreement.
- 2.5 CHILD LABOR:** Contractor agrees that no products or services will be provided or performed under this Contract that have been manufactured or assembled by child labor.
- 2.6 COMPLIANCE WITH ALL LAWS:** Contractor is assumed to be familiar with and agrees to observe and comply with all federal, state, and local laws, statutes, ordinances, and regulations in any manner affecting the provision of goods and/or services, and all instructions and prohibitive orders issued regarding this work and shall obtain all necessary permits.
- 2.7 CRIMINAL HISTORY CHECK:** Any and all contractors, sub-contractors, successful vendors, vendor employees and school employees agree to comply with Tennessee Code Annotated Section 49-5-413. Tennessee Code Annotated Section 49-5-413 requires that all parties providing services at Knox County Schools must submit to a criminal history records check at their expense.

The criminal history check is to be conducted by the Tennessee Bureau of Investigation and the Federal Bureau of Investigation prior to permitting the party to have contact with students or enter school grounds when students are present.

2.8 DEFAULT: If Contractor fails to perform or comply with any provision of this Contract or the terms or conditions of any documents referenced and made a part hereof, Knox County may terminate this Contract, in whole or in part, and may consider such failure or noncompliance a breach of contract.

Knox County expressly retains all its rights and remedies provided by law in case of such breach, and no action by Knox County shall constitute a waiver of any such rights or remedies. In the event of termination for default, Knox County reserves the right to purchase its requirements elsewhere, with or without competitive bidding.

2.9 GOVERNING LAW; VENUE: This agreement shall be exclusively construed, governed, and controlled by the Laws of the State of Tennessee without regard to principles of law, including conflicts of law, of any other jurisdiction, territory, country, and/or province. Any dispute arising out of or relating to this agreement shall exclusively be brought in the Chancery Court or the Circuit Court of Knox County, Tennessee. Each party consents to personal jurisdiction thereto and waives any defenses base on personal jurisdiction, venue and inconvenient forum.

2.10 INCORPORATION: All specifications, drawings, technical information, Invitation for Bids, Bid, Award and similar items referred to or attached or which are the basis for this Contract are deemed incorporated by reference as if set out fully herein.

2.11 INDEMNIFICATION/HOLD HARMLESS: Contractor shall indemnify, defend, save and hold harmless Knox County, its officers, agents and employees from all suits, claims, actions or damages of any nature brought because of, arising out of, or due to breach of the agreement by Contractor, its subcontractors, suppliers, agents, or employees or due to any negligent act or occurrence or any omission or commission of Contractor, its subcontractors, suppliers, agents or employees.

2.12 INDEPENDENT CONTRACTOR: Contractor shall acknowledge that it and its employees serve as independent contractors and that Knox County shall not be responsible for any payment, insurance or incurred liability.

2.13 INSPECTION AND ACCEPTANCE: Warranty periods shall not commence until Knox County inspects and formally accepts the goods and/or services. The terms, conditions and timing of acceptance shall be determined by Knox County. Knox County reserves the right to reject any or all items or services not in conformance with applicable specifications, and Contractor assumes the costs associated with such nonconformance. Acceptance of goods or services does not constitute a waiver of latent or hidden defects or defects not readily detectable by a reasonable person under the circumstances.

2.14 IRAN DIVESTMENT ACT: By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to Tennessee Code Annotated § 12-12-106.

2.15 LIMITATIONS OF LIABILITY: In no event shall Knox County be liable for any indirect, incidental, consequential, special or exemplary damages or lost profits, even if Knox County has been advised of the possibility of such damages.

2.16 NO BOYCOTT OF ISRAEL: Pursuant to Tennessee Code Annotated Title 12, Chapter 4, Part 1, by submission of a response to this solicitation, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint response each party thereto as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each person is not currently engaged in, and will not for the duration of the contract engage in, a boycott of Israel.

2.17 NON-DISCRIMINATION AND NON-CONFLICT STATEMENT: Contractor agrees that no person on the grounds of handicap, age, race, color, religion, sex, national origin, or any individual trait or characteristic found to be an illegal consideration, shall be excluded from participation in, or be denied benefits of, or be otherwise subjected to discrimination in the performance of this agreement, or in the employment practices of vendor. Contractor shall upon request show proof of such non-discrimination, and shall post in conspicuous places available to all employees and applicants notices of non-discrimination.

Contractor covenants that it complies with the Fair Wage and Hour Laws, the National Labor Relations Act, and other federal and state employment laws as applicable. Contractor covenants that it does not engage in any illegal employment practices.

Contractor covenants that it has no public or private interest, and shall not acquire directly or indirectly any interest, which would conflict in any manner with the provision of its goods or performance of its services. Contractor warrants that no part of the total contract amount provided herein shall be paid directly or indirectly to any officer or employee of Knox County as wages, compensation, or gifts in exchange for acting as officer, agent, employee, subcontractor or consultant to Contractor in connection with any goods provided or work contemplated or performed relative to the agreement.

- 2.18 ORDER OF PRECEDENCE:** In the event of inconsistent or conflicting provision of this Contract and referenced documents, the following descending order of precedence shall prevail: (1) Contract, (2) Invitation for Bids, (3) Bid, (4) Award, (5) Special Terms and Conditions, (6) General Terms and Conditions, (7) Specifications, (8) Drawings.
- 2.19 REMEDIES:** Knox County shall have all rights and remedies afforded under the U.C.C. and Tennessee law in contract and in tort, including but not limited to rejection of goods, rescission, right of offset, refund, incidental, consequential and compensatory damages and reasonable attorney's fees.
- 2.20 RIGHT TO INSPECT:** Knox County reserves the right to make periodic inspections of the manner and means the service is performed or the goods are supplied.
- 2.21 SEVERABILITY:** If any provision of this Contract is declared illegal, void or unenforceable, the remaining provisions shall not be affected but shall remain in force and in effect.
- 2.22 TAX COMPLIANCE:** Pursuant to Resolution R-07-1-903 passed by the Commission of Knox County, Tennessee, Contractor hereby acknowledges by submission of its bid or proposal and signature that it is current in its respective Federal, State, County and City taxes of whatever kind or nature and is not delinquent in any way. Delinquent status must be disclosed or risk debarment by the Knox County Procurement Division.
- 2.23 TERMINATION:** County may terminate this agreement by written notice immediately in its sole discretion for cause, or without cause upon written notice of not less than thirty (30) days. Upon termination with or without cause, Contractor shall not perform additional work without written permission of County. Upon termination with or without cause, County will pay for services satisfactorily completed but not yet invoiced.
- 2.24 WARRANTY:** Contractor warrants to Knox County that all items delivered and all services rendered shall conform to the specifications, drawings, bid and/or other descriptions furnished and/or incorporated by reference, and will be fit for the particular purpose purchased, of merchantable quality, good workmanship, and free from defects. Contractor extends to Knox County all warranties allowed under the U.C.C. Contractor shall provide copies of warranties to the County. Return of merchandise not meeting warranties shall be at contractor's expense. Any additional and/or supplemental warranties or guarantees will be considered in the evaluation.

SECTION III SPECIAL TERMS AND CONDITIONS

- 3.1 INTENT:** The intent of these specifications is to set forth and convey to prospective bidders the general type, character and quality of Electrical Services desired by Knox County and Knox County Schools. Award will be based on Best Value. Best value means more than low cost. It includes initial cost, service quality and other factors detailed herein.
- 3.2 ACCEPTANCE:** Bidders are advised that the payment of an invoice does not necessarily constitute as an acceptance of product or services that are provided. Acceptance may require a specific written action by Knox County so stating.
- 3.3 ADDITIONS/DELETIONS:** Knox County reserves the right to add/delete items to this bid. Additional products will be agreed upon by both parties in writing.

- 3.4 AWARD STATUS:** Knox County intends to issue a one-year (1) award. Upon the mutual agreement of each Contractor, and KCS, the award(s) may be extended for four (4) one-year (1) renewals. This may result in a total of five (5) years.
- 3.4.1** KCS reserves the right to purchase these services from other sources if the need arises.
- 3.4.2** KCS reserves the right to revoke the award if a pattern of unavailability arises with a Contractor.
- 3.5 BID ENVELOPE COVER:** The bid envelope cover sheet must be filled out completely and attached to the outside of your bid. **Failure to do so will result in the rejection of your bid.**
- 3.6 CHANGES AFTER AWARD:** It is possible after award that Knox County may change its needs or requirements. Knox County reserves the right to make such changes after consultation with the Contractor(s). Should additional costs arise, Knox County reserves the right to consider accepting these charges provided the Contractor(s) can document the increased costs. Knox County also reserves the right to accept proposed service changes from the Contractor(s) if they will lower the cost to Knox County and/or provide improved service.
- 3.7 COMMUNICATIONS WITH THE CONTRACTOR:** Upon award, KCS will communicate extensively and continually with the Contractor. While information may occasionally be transmitted via telephone, it should always be followed up with an e-mail confirmation. Due to the volume of information that must be transmitted, it is essential that the Contractor have an efficient and properly functioning email. Ideally, the Contractor will have e-mail capabilities.
- 3.8 COMPLIANCE WITH ALL APPLICABLE REGULATIONS:** Contractor agrees and covenants that the company, its agents and employees will comply with all City, County, State and Federal codes, laws, rules and regulations applicable to the business to be conducted under this Contract. If the Contractor performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, the Contractor shall bear all costs arising from them.
- 3.9 CONTACT PERSONNEL:** It shall be essential to the success of this contract to develop a good working relationship with the successful Contractor. It is imperative that the KCS account be handled efficiently and professionally. KCS should be assigned no more than two (2) Contractor contacts to handle billing inquiries and service related issues. In the event one or both contacts leave the KCS account, the successful Contractor shall formally introduce the new contacts to KCS personnel. These contacts must be knowledgeable of the KCS account to avoid any interruption of service.
- 3.10 ENTRANCE TO KNOX COUNTY SCHOOL SITES:** Only authorized employees of the successful Contractor(s) are allowed on the premises of KCS buildings. Contractor(s) employees are not to be accompanied in their work area by acquaintances, family members, assistants or any person unless said person is an authorized employee of the Contractor(s). All employees must wear a company uniform or name badges identified with the Company name at all times. Contractor and/or employees of contractor must contact KCS prior to reporting to a site for work.
- 3.11 ESTIMATE PREPARATION:** Contractor may be required, upon request, to prepare and submit (prior to commencing work) a written quotation or estimate for each project. Estimation shall include, but not be limited to the following: the cost of labor and material, detailed description of the scope of work, inspection services, and any required subcontracted services. Quotations shall be based upon the Contract rates. Quotation shall remain firm for thirty (30) days from acceptance by Knox County Schools. All estimation and quotation preparation shall be provided at no cost or obligation to KCS.
- 3.12 EVALUATION CRITERIA:**
- | | |
|--|------------------|
| Pricing | 80 Points |
| Vendor Experience and Resources | 20 Points |
- 3.13 EVALUATION REVIEW:** Knox County reserves the right to use all pertinent information that might affect the County's judgment as to the appropriateness of an award to the best evaluated bidder(s). This information may be appended to the bid evaluation process results. Information on a service provider from reliable sources, and not within the service provider's bid, may also be noted and made part of the evaluation file. Knox County shall have sole responsibility for determining a reliable source.

Knox County reserves the right to conduct written and/or oral discussions/interviews after the bid opening. The purpose of such discussions/interviews is to provide clarification and/or additional information to make an award that is in the best interest of Knox County.

3.14 GRATUITIES AND KICKBACKS: It shall be a breach of ethical standards for any person or company to offer, give, or agree to give any employee or former employee, or for any employee or former employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim, or controversy or other particular matter, pertaining to any program requirement of a contract or sub-contract or to any solicitation or proposal therefore.

It shall be a breach of ethical standards for any payment, gratuity or offer of employment to be made by or on behalf of a sub-contractor under a contract to the prime contractor or higher tier sub-contractor or a person associated therewith, as an inducement for the award of a sub-contract or order. Breach of the provisions of this paragraph is, in addition to a breach of this Contract, a breach of ethical standards which may result in civil or criminal sanction and/or debarment or suspension from being a contractor or sub-contractor under Knox County contracts.

3.15 IDENTIFICATION AND UNIFORMS: Employees of the Contractor shall have proper photo identification displayed, at all times, while on School property. If needed, KCS can provide temporary photo identification for a fee of \$2.50 per badge. Additionally, as appropriate, Contractor is encouraged to have its employees in a standard uniform. This is a preference but not a requirement. Additionally, many schools require visitors to obtain and wear visitor passes issued by that particular site. If so, visitors will obtain such pass and display it as instructed.

3.16 INSURANCE: The successful Vendor(s) must carry the insurance as indicated on the Insurance Checklist Attachment hereto. As proof of the Vendor's willingness to obtain and maintain the insurance, the Vendor must complete, sign and have its insurance agent sign the attachment and submit it with the bid.

Upon the Notification of Intent to Award, the successful vendor will be required to submit a Certificate of Insurance (COI) including any corresponding endorsement page(s) with the specified coverage and listing Knox County as an additional insured. It shall be the successful vendor's responsibility to keep a current COI and endorsement page(s) on file with Knox County Procurement for as long as the project is in effect.

3.17 INTERPRETATION: No oral interpretation will be made to any bidder regarding the meaning of specifications. All questions are to be submitted in writing via email and will be answered in the form of an addendum to the solicitation by the Knox County Procurement Division, if applicable.

3.18 INVOICING REQUIREMENTS: As several different departments may use this Contract, please adhere to the following guidelines:

FOR KCS MAIL ALL INVOICES TO:

Knox County Schools Maintenance & Operations
Purchasing Supervisor
900 East Fifth Avenue
Knoxville, TN 37917

FOR ALL OTHER KNOX COUNTY DEPARTMENTS MAIL INVOICES TO:

The Remit to Address on the Purchase Order

The following general guidelines apply to all departments. However, each department may have additional or slightly different needs, which they will communicate to you.

TRACKING NUMBER: All invoices must have one (1) of our tracking numbers on them or they will be returned. You will only have one (1) number per invoice.

INVOICE DETAIL: At a minimum, these items must be shown on the invoice:

- The grand total amount
- An itemized list detailing the description, quantity and cost of each item or service provided (not if the job was a "Not to Exceed" project).
- The location delivered to (Such as XYZ School or Maintenance 5th Avenue)
- The date the work/materials were delivered
- A statement that the price invoiced is per the bid/quote.
- The tracking number (purchase order or encumbrance number)

SUBMIT ONE (1) ORIGINAL INVOICE AND ONE (1) COPY.
INVOICES ARE TO BE ORIGINAL, WITH A UNIQUE REFERENCE NUMBER. PREFERABLY INVOICES WILL BE WHITE.

REVIEW OF INVOICES: Invoices will be reviewed for adherence to bid terms and/or the quotation.

FAILURE TO FOLLOW GUIDELINES: Failure to follow these guidelines may slow down the payment process, while following these steps will help you receive payment faster. Variation from the terms of our bids is strictly prohibited. It will help speed your payment if your invoice notes the bid number or name. It will be even more helpful if your invoice clearly states that the charges are in accordance with the bid or quotation terms.

JOB/SERVICE TICKETS: Job/service tickets that substantiate the invoice must accompany the invoice. The original job/service tickets will be given to the requesting department. Copies must accompany the invoice.

UNPAID INVOICES: If invoices are unpaid after thirty (30) calendar days, please contact KCS to ascertain their status.

- 3.19 INVOICING PROCEDURES:** Knox County requests that invoices be easy to read and understand. Invoices are to be original and uniquely pre-numbered. Each participating agency to this Contract may require different invoicing information and procedures. This information and procedures shall be provided to the successful Contractor(s) prior to Contract execution. There shall be no additional charges for this information and procedures to be included. Invoices shall be sent to the "Billing" address printed on the Purchase Order. Each department or division of Knox County is responsible for its own budget. Departments cannot charge or pay bills for another department. Therefore, it is critical that your business invoices specify the department that desired to purchase from you. Do not credit payments to any other department's account. Invoices must be submitted in triplicate and must match the corresponding Purchase Order number. There shall be no component billing.
- 3.20 LICENSING:** All Contractors must be properly licensed by the State of Tennessee and all other authorities having jurisdiction. *COPIES OF ALL SUCH LICENSES AND/OR PERMITS ARE TO BE SUBMITTED WITH THE BID. FAILURE TO SUBMIT COPIES OF SUCH MAY LEAD TO BID REJECTION.*
- 3.21 LIQUIDATED DAMAGES:** Knox County reserves the right to impose liquidated damages of \$250.00 per day for all deliveries not adhering to the schedule as agreed upon.
- 3.22 MOST FAVORABLE PRICING:** Contractor agrees to guarantee that Knox County will receive the lowest price offered by your company for similar services and products. If at any time during the Contract period your company offers a lower price to another customer and prior notification of said price reduction is not properly communicated to Knox County, upon discovery Knox County reserves the right to take any or all of the following actions:
- 3.22.1** Cancel the Contract, if it is currently in effect;
 - 3.22.2** Determine the amount that the participating agency was overcharged and submit a request for payment from the Contractor for that amount.
- 3.23 NEWS RELEASES BY CONTRACTORS:** As a matter of policy, KCS does not endorse the products or services of a contractor. News releases concerning any resultant contract from this solicitation will not be made by a contractor without the prior written approval of KCS.
- 3.24 NO CONTACT POLICY:** After the date and time that the Contractor receives this solicitation, any contact initiated by any bidder with any Knox County representative, other than the Procurement Division representative listed herein, concerning this bid is strictly prohibited. Any such unauthorized contact may cause the disqualification of the Contractor from this procurement transaction.
- 3.25 PRICING:** Vendors are to quote a firm fixed price for the services noted herein for the next twelve (12) months. At renewal time, the vendor may request a price increase. Proof of price increase must be supplied to the Knox County Procurement Division and KCSMO. Knox County and KCSMO reserve the right to accept or reject the requested price increase. If the price increase is rejected the vendor may:
- 3.25.1** Continue with existing prices.
 - 3.25.2** Not accept the renewal offer.
 - 3.25.3** Request a lower price increase.

Any price increase shall be tied to the Consumer Price Index (CPI) for all Urban Consumers; the most recent month in effect at time of renewal(s) will be used to determine CPI cap. However, Contractor(s) must submit proof of price increase. If a price increase is approved by Knox County Procurement and the requesting department the approval notification will be done in writing and the Contractor(s) will be notified of the new price schedule and the effective date of the increase. This documentation will become part of the bid file. No approvals will be authorized verbally.

- 3.26 QUANTITIES:** Knox County does not guarantee any quantities to be purchased from this term Contract. Knox County does not have an exact dollar amount that was procured for these types of goods/services.
- 3.27 QUOTES:** The Awarded Contractor will be required to submit quotes for each job. The quote must match exactly the line items and pricing stated in the Contract. Deviations from the contracted line items and pricing will not be accepted.
- 3.28 PRODUCT DELIVERY:** Products ordered under this agreement may be picked up by Knox County and/or delivered to a specified address within the county limits. Any products procured with a Purchase Order shall clearly state the delivery address or state that Knox County will pick-up the products. There shall be no additional charge for delivery of materials if requested.
- 3.29 RECORDS:** Vendor will maintain records of items and quantities purchased by Knox County and make them available on request.
- 3.30 REJECTION OF BIDS:** Knox County reserves the right to reject any and all bids received as a result of this request and to waive any informality, technical defect or clerical error in any bid, as the interests of the County may require. Non-acceptance of any bid will be devoid of any criticism of the bid and of any implication that the bid is deficient in any manner. Non-acceptance of any bid shall be construed as meaning simply that the County does not deem the bid to be acceptable or that another bid was deemed to be more advantageous to Knox County for the particular services proposed.
- 3.31 REQUIREMENTS CONTRACT ACKNOWLEDGEMENT:** Bidders acknowledge that the agreement that will be entered into as a result of this solicitation will be a Requirements Agreement. KCS will have no obligation to the Contractor if services are not required. However, the present expectations of those who are planning for KCS for the period of the Contract indicate the need for these services. The Contractor understands and agrees that KCS is under no obligation to the Contractor to purchase any services.
- 3.32 SAFETY AND PROTECTION:** The Contractor shall be solely and completely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work. Furthermore, the Contractor is solely responsible for the training of all their employees on all safety issues as required by OSHA regulations for the project. The Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent injury to, all employees on the work site and other persons including but not limited to, the general public who may be affected thereby. All work is to be done as required as by OSHA, EPA and AHERA.
- 3.32.1** The Contractor shall be responsible for providing and for the placement of barricades, tarps, plastic, flag tape and other safety/traffic control equipment required to protect the public, surrounding areas, equipment and vehicles.
- 3.32.2** The flow of vehicular traffic shall not be impeded at any time during any project. The safety of the public is of prime concern to KCS and all costs associated are the responsibility of the Contractor.
- 3.32.3** KCS does not assume any responsibility for the protection of or for loss of materials, from the time that the contract operations have commenced until the final acceptance of the work by the project manager. The Contractor is responsible for training their employees in Safety and Health Regulations for the job, assuring compliance with Tennessee Occupational Safety and Health Regulations and any other Regulatory Agency.
- 3.33 SUB-CONTRACTING:** Any sub-contracting must be approved, in advance, by Knox County and the KCSMO. Knox County and the KCSMO may terminate the contract if subcontracting is done without approval.
- 3.34 SUBMIT QUESTIONS:** Prospective bidders may submit questions concerning this solicitation until **March 8, 2024** at **4:30 p.m.** local time. Submit questions as noted in Section 1.1.

- 3.35 USE OF TRASH CONTAINERS:** Vendors are advised that Knox County School policy does not allow vendors to utilize on-site trash bins paid for by the Knox County Schools. Vendors are responsible for removing and disposing of all debris associated with the work to be performed under this contract.
- 3.36 VALUE ADDED RELATIONSHIP:** Knox County and KCS intend for this bid to result in a relationship with a Contractor. Knox County and KCS desire a long-term relationship with a Contractor in which common goals are shared. Among those goals are:
- 3.36.1** Fair and equitable treatment of Contractor and owner.
 - 3.36.2** Contractor expertise in methods of cost reduction. Contractors are encouraged to suggest ways in which costs can be reduced by product substitution or process modification.
 - 3.36.3** Contractor involvement in the School system or a specific school on a non-business basis. One (1) example is involvement with the Knox County Schools Teacher Depot. The Teacher Depot accepts the donation of equipment and supplies for distribution to teachers.
- 3.37 WORKMANSHIP:** Where not more specifically described in any of the various sections of these specifications, workmanship shall conform to all of the methods and operations of best standards and accepted practices of the trade or trades involved, and shall include all items of fabrication, construction or installation regularly furnished or required for completion of the services. All work shall be executed by personnel skilled in their respective lines of work.

SECTION IV TECHNICAL AND MATERIAL SPECIFICATIONS

4.1 BACKBOARDS:

- 4.1.1** Backboards, if required, shall be constructed from exterior grade Douglas Fir plywood 3/4 inch thick, and shall be mounted on 4 walls with the bottom of the board 6 inches above the finished floor minimum, shall be secured to the walls with inserts embedded in the wall, and not less than 1/4 inch - 20 brass machine bolt, with nut and washers.
- 4.1.2** Provide service entrance equipment and accessories, as requested by the KCSMO.

4.2 CABLE LINES:

- 4.2.1 Cable lines underground:** Contractor shall excavate underground cable lines to isolate fault. Excavation may require five-foot depth. Repairs/splicing shall not be attempted. Replacement of the entire cable line is the only acceptable procedure. Cable is to be replaced with matching technology for time installed. All work will be coordinated through KCSMO.
- 4.2.2 Cable lines above ground:** Cable lines that have been damaged or decayed are to be repaired by hot line crimp-type splicing. Work will be inspected by KCSMO to insure work is to all industry standards.

- 4.3 CALL BACK SERVICE:** Upon written notice from KCSMO, the contractor must, without charge, promptly and properly replace any and all improper work and material that may become apparent within a one (1) year period from the date of acceptance by KCSMO. Call back service for previous repairs or maintenance will be on a twenty-four hour (24), seven (7) days a week basis at no additional cost to the KCSMO and response time will be within twenty-four (24) hours for non-emergencies.

- 4.4 CIRCUIT BREAKERS:** Except as otherwise indicated in drawings, provide circuit breakers and auxiliary components, of types, sizes, ratings, and electrical characteristics indicated, which comply to local codes, building standards, and are required for a complete installation. Replacement of circuit breakers shall be like for like breaker or better.

- 4.5 CONTRACTOR REQUIREMENTS:** Contractor's technical staff must be thoroughly trained with a minimum of four years' experience in the field of high voltage electrical distribution systems, and completely familiar with the specified requirements and methods needed for proper performance of this Contract. Overhead and underground lines will range from 4,600 to 22,000 volts.

- 4.6 CONTRACTOR RESPONSIBILITIES:** At their own expense, the contractor shall:

- 4.6.1** Obtain all necessary licenses and permits.
- 4.6.2** Provide competent supervision.

- 4.6.3 Provide competent workers.
- 4.6.4 Take precautions necessary to protect persons or property against injury or damage and be responsible for any such damage, or injury that occurs as a result of their fault or negligence.
- 4.6.5 Perform work without unnecessarily interfering with County activities or other contractor(s).
- 4.6.6 The contractor shall be responsible for all necessary measurements and for the accurate fitting of all work. The contractor shall be responsible for any damage to the facility or any equipment inside during this contract. Any such damage will be repaired by the contractor at their expense and to the satisfaction of KCSMO.
- 4.6.7 The contractor shall be responsible for any damages to existing streets, highways, roads, driveways, sidewalks, curbs, gutters, utilities, other public facilities, or to private property caused by the contractor's operations.
- 4.6.8 The contractor shall be responsible on a daily basis to maintain a clean work site, to remove debris, and to dispose of it properly at the vendor's expense. Upon completion and before making application for acceptance of the work, the contractor shall clean the work-area with the work, of all rubbish, temporary structures and equipment.
- 4.6.9 The contractor shall be responsible for maintaining the work area in such a manner that the public and staff may continue to work in the facility.
- 4.6.10 The contractor shall be responsible (along with KCSMO) for the coordination of the operations of all trades, subcontractors, or materials suppliers engaged under this contract.

4.7 **CONDUIT:**

- 4.7.1 Rigid: Standard I.P.S., hot galvanized threaded steel conduit with smooth interior surface, free of obstructions, zinc-coated threads.
- 4.7.2 Thin wall: Electro-galvanized "electrical metallic tubing" of cold rolled steel, electrically welded, smooth interior surface free of obstructions.
- 4.7.3 Aluminum: Will not be allowed.
- 4.7.4 Flexible: Flexible steel conduit, formed of one continuous length of Electro-galvanized spirally wound steel strip.
- 4.7.5 Liquid Tight Flexible: Flexible steel conduit formed in one continuous length of electro-galvanized spirally wound steel strip, with neoprene jacket.
- 4.7.6 PVC: Schedule 40 CPVC, gray color coded.

4.8 **CONDUIT FITTINGS:**

- 4.8.1 Rigid conduit fittings: Threaded type galvanized malleable iron or heavy steel water and concrete tight. Metallic nylon grounding type insulated bushings with double lock nuts for all connections at cabinets, boxes, and gutters.
- 4.8.2 Thin wall conduit fittings: Compression type galvanized malleable iron or steel rain and concrete type. Connector fittings have nylon insulated throats. Pressed dimple type and setscrew type will not be allowed.
- 4.8.3 Flexible conduit fittings: Squeeze or screw type, galvanized malleable iron or steel, with nylon insulated throats.
- 4.8.4 Liquid tight flexible conduit fittings: Galvanized malleable iron or steel, liquid tight with neoprene gaskets, "O" ring and retainer, nylon insulated throats.
- 4.8.5 PVC conduit fittings shall be Schedule 40 rated, gray color-coded.

- 4.9 **CONNECTORS:** Provide UL-listed factory fabricated, solderless metal connectors of sizes, capacity ratings, materials, types, and classes for applications and for services indicated. Use connectors with temperature ratings equal to or greater than those of the wires upon which used.

- 4.10 **COST OF MATERIALS:** Vendors shall charge:

4.10.1 **DISCOUNT FROM TRADE SERVICE CATALOG**

- a. The cost for parts and materials shall be derived from the *Trade Service Catalog* (latest edition) for electrical work, Column Two. The successful vendors will offer a discount on parts and materials used under this contract. KCSMO will not pay for routine supplies or tools that are required to perform normal electrical work.
- b. Billing for parts and materials shall be consistent with the prices contained in the *Trade Service Catalog* and the page of items shall be shown on the invoice so that KCSMO can confirm the price.

- c. For parts and materials required for a specific job but not listed in the Trade Service Catalog the markup will not exceed ten percent. The actual cost and markup must be presented to KCSMO for approval prior to incurring the charge.
- d. Subsequent to an award, the successful vendors must furnish a copy of the Trade Service Catalog. The Knox County Procurement Division, the KCSMO Purchasing Supervisor and the electrical foreman will each retain a copy of the document. Preferably the vendors will provide this information in electronic format.
- e. If a per hour arrangement for a specific job is authorized materials will be itemized. In such a case, the vendor will itemize the items used and provide proof of their costs.
- f. In other cases where the vendor has provided a written cost quote for a specific project (where the quote is based on the vendor's bid rates) such itemization shall not be required.

4.11 COVER PLATES: All exposed decorative cover plates for switches, receptacles or boxes that must be replaced due to damage or any other reason shall be replaced like for like plate.

4.12 ESTIMATE PREPARATION: Contractor may be required upon request to prepare and submit (prior to commencing work) a written quotation or estimate for each project. Estimation shall include but not be limited to the cost of; labor, material, blueprint preparation, detailed description of the scope of work, inspection services and any required subcontracted services. Quotation shall remain firm for thirty (30) days from acceptance by KCSMO. All estimates and preparation shall be provided at no cost or obligation and reflect the pricing in the bid submittal.

4.13 EXCLUSIONS: The following items are excluded from this contract:

4.13.1 Individual jobs that KCSMO chooses to bid individually.

4.13.2 Those jobs that KCSMO decides to perform in-house.

4.14 GENERAL REQUIREMENTS: The Contractor shall furnish all equipment and material, and it shall be commercial quality from a regular product line. Prototype, obsolete and residential quality/grade equipment shall not be specified or installed in any building.

4.15 HIGH VOLTAGE SYSTEMS:

4.15.1 All high voltage electrical systems repair and/or service must be coordinated through KCSMO with the Contractor.

4.15.2 If electrical power outage is necessary, Contractor shall coordinate this activity through KCSMO.

4.16 HOURS: Contractor must be available for emergencies and scheduled service during day and night time hours and on weekends and holidays.

4.17 LABOR CHARGES:

4.17.1 Bidders shall include all costs (overhead, profit, insurance, workmen's compensation, unemployment insurance, social security, et cetera), in the hourly rate figures.

4.17.2 Regular time will be the County's normal business hours, 7:00 a.m. to 5:00 p.m., Monday through Friday.

4.17.3 Overtime will be work done at times other than normal business hours. Overtime rates will not be paid unless specifically authorized in writing by KCSMO.

4.17.4 Holiday rates go in effect on the holidays observed by KCSMO. Currently these holidays are honored by KCSMO:

New Year's Day	Martin Luther King's Birthday
Memorial Day	Spring Holiday
Independence Day	Labor Day
Thanksgiving Day & Day After	Christmas Day plus two
Juneteenth	

After award, the contractor will be furnished with the latest list of County holidays complete with the date of the month and day of the week the holidays will be in effect.

4.17.5 The Contractor may be required to have hours worked certified at the job-site by School personnel.

4.17.6 Truck charges will be permitted.

- 4.17.7 Service calls will normally be responded to with a Journeyman Electrician ONLY. Any additional personnel must be authorized by KCSMO. If additional personnel are necessary, they are to be apprentice unless the service requires a master electrician.
- 4.17.8 Any time consumed for meals eaten during the time on the job will be deducted. (Not relevant to job specific quotes).
- 4.18 **LICENSING:** All bidders must be properly licensed by the City of Knoxville, Knox County, the State of Tennessee and any other applicable governing authority. Copies of licenses are to be submitted with the bid.
- 4.19 **LIGHT FIXTURES:**
- 4.19.1 Fixtures, if replaced or newly installed, shall be mounted level and uniform.
- 4.19.2 Furnish all canopy atoms, hangers, structural members and accessories required for proper mounting of light fixtures. Wire all fixtures as specified in drawings or NEC Standards.
- 4.19.3 Lighting circuits shall be 277 VAC, (if possible) and switched or as directed. Do not switch from circuit breakers.
- 4.20 **MATERIALS:** All materials furnished and installed shall be Underwriters Laboratories approved, where applicable.
- 4.21 **MATERIAL SAFETY DATA SHEETS (MSDS):** Vendors are advised that MSDS must be provided for each and every hazardous product intended for use within the Knox County School system. If, however, the material is non-hazardous, then a letter or statement should accompany the bid indicating the same. Submit the MSDS to:
- KCSMO:** Knox County School Maintenance
900 East Fifth Avenue
Knoxville, TN 37917
- 4.22 **MOTORS AND MOTOR SWITCHES:**
- 4.22.1 All motor circuits one HP or greater shall be 480 volt, 3-phase, 60Hz (if possible) or as directed.
- 4.22.2 Disconnect switches shall be utilized at all air conditioning, evaporative cooling, kitchen equipment and other motorized equipment.
- 4.22.3 All motor replacements shall be coordinated through the HVAC office of KCSMO. Motors and motor switches may be sourced by KCSMO.
- 4.23 **PERMITS:** The contractor will be responsible for obtaining any and all required permits. KCSMO shall be responsible for the cost of any and all permits.
- 4.24 **QUALITY:** All work must conform to American Wire Association Standards. All wiring shall be done according to Electrical Code. In addition, all work is to be performed to the satisfaction of the Knox County School employee authorizing the job.
- 4.25 **REPLACEMENT OF PARTS:** Circuit breakers, GFI's, capacitors, and fuses shall be replaced if found to be defective.
- 4.26 **RESPONSE TIME:** Response time will be within twenty-four (24) hours of notification and immediately in the case of emergencies. Emergency work shall be continued until completion.
- 4.27 **SWITCHGEAR:** Contractor shall, upon request, clean switchgear and housing using vacuum and hand wipe procedure only. Lugs, connectors and disconnects are to be inspected for tightness and electrical continuity after clean up.
- 4.28 **TESTING ALL CIRCUITS:** Prior to energizing any circuit, test wiring for electrical continuity and for short circuits. Make sure electrical polarity is maintained. Run low voltage tests on switching and electrical device - ensuring compliance with specifications or local codes.
- 4.29 **TRANSFORMER CHANGE OUTS:** Transformer change-outs will be coordinated through the Electrical Department of KCSMO. Contractor is not to provide this service under their own volition. KCSMO has both line and pad transformers. They range from 4,600 to 22,000 volts.

- 4.30 TRANSFORMERS SERVICING:** Pad and pole transformers are to have oil removed, filtered, reused and topped off, if this service is found to be necessary by Contractor. All lugs and taps are to be checked for tightness. Coil windings are to be checked for proper output requirements per manufacturer's data.
- 4.31 USE OF CONDUIT AND FITTINGS:** Conduit systems shall be used for all wiring, lighting, power, telephone and control, with the exception of direct burial cable, used for high voltage. The minimum size for conduit shall be ¾ inches. Where specified size is not called for on drawings or in specs, select size required from current NEC standards. Where specified size required by drawings or request are larger than code required; the larger size shall be installed.
- 4.31.1** Conduit system mechanically and electrically continuous from outlet to outlet and to all cabinets, junction boxes, or pull boxes. Conduit shall enter and be secured to all cabinets and boxes in such manner that all parts of the system will have electrical continuity.
- 4.31.2** All conduit is to be concealed, unless otherwise specified or dictated by local codes.
- 4.31.3** Conduit passing through fire rated members to be installed as not to reduce the rating of the fire separation. O.Z. type fireseal" devices or other means approved by KCSMO or local code ordinances have jurisdiction to be used at all penetrations.
- 4.31.4** Exposed conduit to be routed in parallel lines to building construction. No conduit to be installed loose from any piping installed by other trades.
- 4.31.5** Conduit is to be securely fastened at intervals as follows: Five-foot spacing up through and within three feet of each box, cabinet or fitting. Fasteners: one-hole malleable straps, minerallac hangers, or split pipe hangers. Multiple runs of conduit uniformly spaced and supported on channels. Standard anchorage by self-drilling anchors and bolts, or concrete inserts. Any form of strap iron or wire hangers will not be allowed.
- 4.31.6** Expansion joints for exposed conduit shall consist of a sleeve with fittings to provide for telescoping of one of the conduits into sleeve. Movable conduit fitted with insulated bushing joint. Weatherproof, made of malleable iron with corrosion resistant covering.
- 4.31.7** Rigid conduit shall only be used when specified.
- 4.31.8** Flexible conduit will be used in the following locations:
- a. Connection to cabinet unit, fans, and similar small equipment not exposed to rain or water drip.
 - b. Connections from junction box to lighting fixtures in accessible ceilings as permitted by code.
- 4.31.9** Liquid-tight flexible conduit used in the following locations:
- a. Final connections to all motor operated equipment such as A/C units on a roof, etc.
 - b. In stud partitions and hollow masonry walls.
 - c. Connection from junction box to lighting fixtures, except flexible conduit to lay-in fluorescent troffers.
 - d. Above suspended ceilings.
 - e. Exposed in dry locations where not subjected to mechanical damage.
- 4.31.10** PVC Conduit shall be used in all underground locations, buried at depths as required by local ordinances.
- 4.32 WIRE AND CABLE:** All wire and cable to be new, unused, copper conductor. All wire sizes number 12 and larger to be stranded; number 14 and smaller, solid. Minimum size shall be number 12 AWG unless otherwise specified. Wire and cable shall have size, grade of insulation, voltage rating and manufacturers name permanently and legibly marked on outer covering at two feet intervals.
- 4.32.1** NEC grade insulated to 600 volts by ASTM standards, unless otherwise indicated. Color-coding in accordance with current National Electric Code.
- 4.32.2** Type THWN/THHN shall be used for panel branch circuits. THHN minimum size number 12 stranded with green colored insulation shall be used for grounding and bonding conductor.
- 4.33 WIREWAYS, PULL AND JUNCTION BOXES:**
- 4.33.1** Provide wireways, junction and pull boxes indicated at locations in drawings when new work is requested or repairs are performed.
- 4.33.2** Junction and pull boxes fabricated in accordance with NEMA and NEC requirements with respect to material, gauges, dimensions and methods of fastening. Wireways, junction and pull boxes shall bear U.L. label. Units shall be finished in standard gray enamel; sides and backs spot-welded in position, and removable screw cover.

- 4.33.3 Wireways and accessories shall be constructed with hinged, removable sealed covers, arranged for lay-in conductor installation. Connectors shall be slip-on arrangement with captive mounting screws. Hangers shall be arranged to allow conductor lay-in from one side.
 - 4.33.4 Interior boxes shall be stamped or fabricated galvanized steel. Boxes located in areas exposed to weather shall be aluminum weatherproof with threaded inlets and bolted gasket covers.
 - 4.33.5 Conduit entering boxes shall be through tight-fitting bored or punched holes, or threaded hubs, and shall be secured firmly.
 - 4.33.6 The volume of boxes shall be in accordance with the NEC requirements, but shall be no smaller than forty per square in any case.
 - 4.33.7 Boxes shall be accessible at job completion. Boxes with covers in finished areas shall be in those physical locations approved by the Knox County Schools Maintenance Department.
 - 4.33.8 Outlet boxes shall be installed plumb and square with wall face and with front of box or cover located flush with face of finished wall. Boxes in masonry wall shall be set with bottom of box tight to masonry unit.
 - 4.33.9 Interior boxes: standard, single or multiple gang stamped galvanized steel boxes, of the proper size to accommodate the device and function for which intended, complete with extension or metal rings where required. Boxes for mounting of surface lighting fixtures shall be four-inch octagon boxes, with 3/8-inch no-bolt fixture studs. Provide cover or device plates.
 - 4.33.10 Exterior boxes: Weatherproof aluminum with threaded female inlets and bolted gasket cover.
- 4.34 **ENERGY EFFICIENCY:** In an effort to make our schools reduce energy costs. KCSMO expects vendor to use the most energy efficient equipment (Energy Star compliant where available) unless advised in writing by KCSMO supervisor.

BIDDERS NEED NOT RETURN PAGES ONE (1) THROUGH SIXTEEN (16)

SECTION V VENDOR INFORMATION AND PRICING, INVITATION FOR BID NUMBER 3521, ELECTRICAL SERVICES

5.1 Vendor Business Name _____

5.2 Knox County Vendor Number _____

5.3 Vendor address _____

City _____ State _____ Zip _____

5.4 Telephone number _____

Cell Phone number _____ E-mail address _____

5.5 Contact person _____

Contact Person's email address _____

5.6 By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to Tennessee Code Annotated § 12-12-106.

Pursuant to Tennessee Code Annotated Title 12, Chapter 4, Part 1, by submission of a response to this solicitation, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint response each party thereto as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each person is not currently engaged in, and will not for the duration of the contract engage in, a boycott of Israel.

Authorizing Signature _____
(Sign in blue ink)

5.7 Vendor's Knox County Business License Number _____
(If Applicable) *Attach A Copy Of The License.*

5.8 I Acknowledge The Receipt Of: (Please Write "Yes" If You Received One)

Addendum 1 _____ Addendum 2 _____ Addendum 3 _____ Addendum 4 _____

5.9 Do you accept the Terms and Conditions of the bid? YES _____ NO _____

With Exceptions _____

5.10 Did you include the Drug Free Affidavit as per Section 1.13? YES _____ NO _____

5.11 Will you accept Electronic Commerce Card payments as per Section 1.21? YES _____ NO _____

5.12 Did you include the Criminal History Records Check as per Section 2.7? YES _____ NO _____

5.13 Did you include the Insurance Checklist as per 3.16? YES _____ NO _____

5.14 Have you included copies of Licenses as per Section 3.21? YES _____ NO _____

5.15 Labor Costs:	Regular Time	Overtime
5.15.1 Electrician, Master	\$ _____	\$ _____
5.15.2 Electrician, Journeyman	\$ _____	\$ _____
5.15.3 Electrician, Apprentice	\$ _____	\$ _____

5.16 Materials Costs:

Percentage discount from Trade Services Catalog: _____ %

5.17 Truck Charge per hour (If Any): \$ _____

5.18 Other Charges/Explanations: _____

5.19 Number of local Professional Electrical Personnel in the Company: _____

5.20 Number of Other Personnel in the Company: _____

5.21 Number of Years in this Business: _____

5.22 Price for Bond per thousand dollars for Performance and Payment Bonds: \$ _____

5.23 My employees have picture identification. YES _____ NO _____

5.24 My employees will need KCSMO to provide picture identification for them: YES _____ NO _____

5.25 Major equipment owned:

**ATTACHMENT A
KNOX COUNTY PROCUREMENT DIVISION
INSURANCE CHECKLIST
BID NUMBER 3521**

THE CERTIFICATE OF INSURANCE MUST SHOW ALL COVERAGES & ENDORSEMENTS WITH "YES" AND ITEMS 20 TO 23.

REQUIRED:	NUMBER	TYPE OF COVERAGE	COVERAGE LIMITS																																							
YES	1.	WORKERS COMPENSATION	STATUTORY LIMITS OF TENNESSEE																																							
YES	2.	EMPLOYERS LIABILITY	\$100,000 PER ACCIDENT \$100,000 PER DISEASE \$500,000 DISEASE POLICY LIMIT																																							
YES	3.	AUTOMOBILE LIABILITY <table border="1" style="margin-left: 20px;"> <tr> <td style="width: 30px; text-align: center;">X</td> <td>ANY AUTO-SYMBOL (1)</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	X	ANY AUTO-SYMBOL (1)																			<table border="1" style="width: 100%;"> <tr> <td>COMBINE SINGLE LIMIT (Per -Accident)</td> <td>\$1,000,000</td> </tr> <tr> <td>BODY INJURY (Per -Person)</td> <td></td> </tr> <tr> <td>BODY INJURY (Per-Accident)</td> <td></td> </tr> <tr> <td>PROPERTY DAMAGE (Per-Accident)</td> <td></td> </tr> </table>	COMBINE SINGLE LIMIT (Per -Accident)	\$1,000,000	BODY INJURY (Per -Person)		BODY INJURY (Per-Accident)		PROPERTY DAMAGE (Per-Accident)												
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YES	4.	COMMERCIAL GENERAL LIABILITY <table border="1" style="margin-left: 20px;"> <tr> <td style="width: 30px;"></td> <td>CLAIM MADE</td> <td style="width: 30px; text-align: center;">X</td> <td>OCCUR</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5">GEN'L AGGREGATE LIMITS APPLIES PER</td> </tr> <tr> <td></td> <td>POLICY</td> <td style="text-align: center;">X</td> <td>PROJECT</td> <td>LOC</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		CLAIM MADE	X	OCCUR							GEN'L AGGREGATE LIMITS APPLIES PER						POLICY	X	PROJECT	LOC						<table border="1" style="width: 100%;"> <tr> <td></td> <td align="center">LIMITS</td> </tr> <tr> <td>EACH OCCURRENCE</td> <td>\$ 1,000,000</td> </tr> <tr> <td>FIRE LEGAL LIABILITY</td> <td>\$ 100,000</td> </tr> <tr> <td>MED EXP (Per person)</td> <td>\$ 5,000</td> </tr> <tr> <td>PERSONAL & ADV INJURY</td> <td>\$ 1,000,000</td> </tr> <tr> <td>GENERAL AGGREGATE</td> <td>\$ 2,000,000</td> </tr> <tr> <td>PRODUCTS-COMPLETED OPERATIONS/AGGREGATE</td> <td>\$ 2,000,000</td> </tr> </table>		LIMITS	EACH OCCURRENCE	\$ 1,000,000	FIRE LEGAL LIABILITY	\$ 100,000	MED EXP (Per person)	\$ 5,000	PERSONAL & ADV INJURY	\$ 1,000,000	GENERAL AGGREGATE	\$ 2,000,000	PRODUCTS-COMPLETED OPERATIONS/AGGREGATE	\$ 2,000,000
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YES	5.	PREMISES/OPERATIONS	\$1,000,000 CSL BI/PD EACH OCCURRENCE \$2,000,000 ANNUAL AGGREGATE																																							
YES	6.	INDEPENDENT CONTRACTOR	\$1,000,000 CSL BI/PD EACH OCCURRENCE \$1,000,000 ANNUAL AGGREGATE																																							
YES	7.	CONTRACTUAL LIABILITY (MUST BE SHOWN ON CERTIFICATE)	\$1,000,000 CSL BI/PD EACH OCCURRENCE \$1,000,000 ANNUAL AGGREGATE																																							
NO	8.	XCU COVERAGE	NOT TO BE EXCULDED																																							
YES	9.	UMBRELLA LIABILITY COVERAGE	\$1,000,000																																							
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NO NO NO NO	10.	<table border="1" style="margin-left: 20px;"> <tr> <td style="width: 30px;"></td> <td>ARCHITECTS & ENGINEERS</td> </tr> <tr> <td></td> <td>ASBESTOS & REMOVAL LIABILITY</td> </tr> <tr> <td></td> <td>MEDICAL MALPRACTICE</td> </tr> <tr> <td></td> <td>MEDICAL PROFESSIONAL LIABILITY</td> </tr> </table>		ARCHITECTS & ENGINEERS		ASBESTOS & REMOVAL LIABILITY		MEDICAL MALPRACTICE		MEDICAL PROFESSIONAL LIABILITY	<table border="1" style="width: 100%;"> <tr> <td>\$1,000,000 PER OCCURRENCE/CLAIM</td> </tr> <tr> <td>\$2,000,000 PER OCCURRENCE/CLAIM</td> </tr> <tr> <td>\$1,000,000 PER OCCURRENCE/CLAIM</td> </tr> <tr> <td>\$1,000,000 PER OCCURRENCE/CLAIM</td> </tr> </table>	\$1,000,000 PER OCCURRENCE/CLAIM	\$2,000,000 PER OCCURRENCE/CLAIM	\$1,000,000 PER OCCURRENCE/CLAIM	\$1,000,000 PER OCCURRENCE/CLAIM																											
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NO	11.	MISCELLANEOUS E & O	\$500,000 PER OCCURRENCE/CLAIM																																							
NO	12.	MOTOR CARRIER ACT ENDORSEMENT	\$1,000,000 BI/PD EACH OCCURRENCE UNINSURED MOTORIST (MCS-90)																																							
NO	13.	MOTOR CARGO INSURANCE																																								
NO	14.	GARAGE LIABILITY	\$1,000,000 BODILY INJURY, PROPERTY DAMAGE PER OCCURRENCE																																							
NO	15.	GARAGEKEEPER'S LIABILITY	\$500,000 COMPREHENSIVE \$500,000 COLLISION																																							
NO	16.	INLAND MARINE BAILEE'S INSURANCE	\$																																							
NO	17.	DISHONESTY BOND	\$																																							
NO	18.	BUILDERS RISK	PROVIDE COVERAGE IN THE FULL AMOUNT OF THE CONTRACT UNLESS PROVIDED BY OWNER.																																							
NO	19.	USL&H	FEDERAL STATUTORY LIMITS																																							

- 20. CARRIER RATING SHALL BE BEST'S RATING OF A-VII OR BETTER OR ITS EQUIVALENT.
- 21. THE COUNTY SHALL BE NAMED AS AN ADDITIONAL INSURED ON ALL POLICIES EXCEPT WORKERS' COMPENSATION AND AUTO.
- 22. CERTIFICATE OF INSURANCE SHALL SHOW THE BID NUMBER AND TITLE.
- 23. OTHER INSURANCE REQUIRED_____.

INSURANCE AGENT'S STATEMENT AND CERTIFICATION: I HAVE REVIEWED THE ABOVE REQUIREMENTS WITH THE BIDDER NAMED BELOW HAVE ADVISED THE BIDDER OF REQUIRED COVERAGE NOT PROVIDED THROUGH THIS AGENCY.

Agency Name: _____ Authorizing Signature: _____

BIDDER'S STATEMENT AND CERTIFICATION: IF AWARDED THE CONTRACT, I WILL COMPLY WITH THE CONTRACT INSURANCE REQUIREMENTS.

Bidder Name: _____ Authorizing Signature: _____

ATTACHMENT B
AFFIDAVIT OF COMPLIANCE
WITH
DRUG-FREE WORKPLACE REQUIREMENTS OF
TENNESSEE CODE ANNOTATED, § 50-9-113

(To be submitted with bid by contractor with 5 or more employees)

I, _____, President or other Principal

Officer of _____, swear or affirm that the
Name of Company

Company has a drug-free workplace program that complies with Title 50, Chapter 9, Tennessee Code Annotated, in effect at the time of this bid submission at least to the extent required of governmental entities. I further swear or affirm that the company is in compliance with Tennessee Code Annotated, § 50-9-113.

President or Principal Officer

For: _____
Name of Company

STATE OF TENNESSEE }
COUNTY OF _____ }

Subscribed and sworn before me by _____,

President or Principal Officer of _____,

On this _____ day of _____ 2_____.

Notary Public

My Commission expires: _____

ATTACHMENT C

AFFIDAVIT OF COMPLIANCE

WITH

TENNESSEE CRIMINAL HISTORY RECORDS CHECK

TENNESSEE CODE ANNOTATED, SECTION 49-5-413

(To be submitted with bid by Contractor)

I, _____, President or other Principal

Officer of _____, swear or affirm that the

Name of Company

Company is in compliance with Public Chapter 587 of 2007, codified at Tennessee Code Annotated 49-5-413, in effect at the time of this bid submission at least to the extent required of governmental entities. I further swear or affirm that the company is in compliance with Tennessee Code Annotated, § 49-5-413.

President or Principal Officer

For: _____
Name of Company

STATE OF TENNESSEE }
COUNTY OF _____ }

Subscribed and sworn before me by _____,

President or Principal Officer of _____,

On this _____ day of _____, 2_____.

Notary Public

My Commission expires: _____

**ATTACHMENT D
INVITATION FOR BID #**

COPIES OF LICENSES AND PERMITS

Place this sheet over copies of your licenses

BIDDER: _____

BID ENVELOPE COVER

NAME OF PROJECT: ELECTRICAL SERVICES

Invitation for Bid # 3521

SEALED BIDS WILL BE RECEIVED BY:

Knox County Procurement Division
1000 N. Central Street, Suite 100
Knoxville, Tennessee 37917

UNTIL: 2:00 p.m. EST
TIME

March 19, 2024
DATE

BIDDER _____

STREET ADDRESS _____

CITY/STATE/ZIPCODE _____

TENNESSEE CONTRACTORS LICENSE NUMBER _____

LICENSE CLASSIFICATION _____
(If applicable to this project) _____ Dollar Limit

LICENSE EXPIRATION DATE _____

COMPLETE ALL BLANKS!
DO NOT LEAVE ANY BLANKS EMPTY FOR BID TO BE CONSIDERED.
ATTACH THIS PAGE TO THE OUTSIDE OF YOUR SEALED BID.