

TIPS VENDOR AGREEMENT (JOC) PART 2 ONLY

Between Mountain Technology Resources, Inc. and
(Company Name)

THE INTERLOCAL PURCHASING SYSTEM (TIPS), a Department of Texas Education Service Center Region 8 for TIPS RCSP 210601 Lighting Systems, Parts and Installations PART 2 ONLY

General Information

The Vendor Agreement (“Agreement”) made and entered into by and between The Interlocal Purchasing System (hereinafter referred to as “TIPS” respectfully) a government cooperative purchasing program authorized by the Region 8 Education Service Center, having its principal place of business at 4845 US Hwy 271 North, Pittsburg, Texas 75686. This Agreement consists of the provisions set forth below, including provisions of all Attachments referenced herein. In the event of a conflict between the provisions set forth below and those contained in any Attachment, the provisions set forth shall control.

The Vendor Agreement shall include and incorporate by reference this Agreement, the terms and conditions, special terms and conditions, any agreed upon amendments, as well as all of the sections of the solicitation as posted, including any addenda and the awarded vendor’s proposal. Once signed, if an awarded vendor’s proposal varies or is unclear in any way from the TIPS Agreement, TIPS, at its sole discretion, will decide which provision will prevail. Other documents to be included are the awarded vendor’s proposals, task orders, purchase orders and any adjustments which have been issued. If deviations are submitted to TIPS by the proposing vendor as provided by and within the solicitation process, this Agreement may be amended to incorporate any agreed deviations.

The following pages will constitute the Agreement between the successful vendors(s) and TIPS. Bidders shall state, in a separate writing, and include with their proposal response, any required exceptions or deviations from these terms, conditions, and specifications. If agreed to by TIPS, they will be incorporated into the final Agreement.

A Purchase Order, Agreement or Contract is the TIPS Member’s approval providing the authority to proceed with the negotiated delivery order under the Agreement. Special terms and conditions as agreed to between the vendor and TIPS Member should be added as addenda to the Purchase Order, Agreement or Contract. Items such as certificate of insurance, bonding requirements, small or disadvantaged business goals are some of the addenda possible.

Terms and Conditions

Conflicts with RS Means Unit Price Book

If the terms of the solicitation referenced RS Means Unit Price Book occur, the RS Means Book shall control if it determines the legality of the solicitation award as it relates to the requisite Means Unit Price Book.

Freight

All quotes to members shall provide a line item for cost for freight or shipping regardless if there is a charge or not. If no charge for freight or shipping, indicate by stating "No Charge" or "\$0" or other similar indication. Otherwise, all shipping, freight or delivery charges shall be passed through to the TIPS Member at cost with no markup and said charges shall be agreed by the TIPS Member unless alternative shipping terms are agreed by TIPS as a result of the proposal award.

Warranty Conditions

All new supplies equipment and services shall include manufacturer's minimum standard warranty unless otherwise agreed to in writing. Vendor shall be legally permitted to sell, or an authorized dealer, distributor or manufacturer for all products offered for sale to TIPS Members. All equipment proposed shall be new unless clearly stated in writing.

Customer Support

The Vendor shall provide timely and accurate customer support for orders to TIPS Members as agreed by the Parties. Vendors shall respond to such requests within a commercially reasonable time after receipt of the request. If support and/or training is a line item sold or packaged with a sale, support shall be as agreed with the TIPS Member.

Agreements

Agreements for purchase will normally be put into effect by means of a contract, agreement or purchase order(s) executed by authorized agents of the participating government entities.

Davis Bacon Act

Davis Bacon Act requirements will be met when Federal Funds are used for construction and/or repair of buildings or as otherwise required by applicable statute or regulation.

Other Wage Rates

Other wage rates may be required by some TIPS Members and acceptance of a project by the Vendor may require the Vendor to comply with the TIPS Member's required wage rate.

Tax exempt status

Most TIPS Members are tax exempt and the related laws of the jurisdiction of the TIPS Member shall apply.

Assignments of Agreements

No assignment of Agreement may be made without the prior written approval of TIPS. Payment for delivered goods and services can only be made to the awarded Vendor, Vendor designated reseller or vendor assigned company.

Disclosures

- Vendor and TIPS affirm that he/she, or any authorized employees or agents, has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan,

gratuity, special discount, trip, favor or service to a public servant in connection with this Agreement.

- Vendor shall attach, in writing, a complete description of any and all relationships that might be considered a conflict of interest in doing business with the TIPS program.
- The Vendor affirms that, to the best of his/her knowledge, the offer has been arrived at independently, and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over other vendors in the award of this Agreement.

Term of Agreement and Renewals

The Agreement with TIPS is for approximately two (2) years with an option for renewal extension for an additional two (2) consecutive one (1) year terms. The first renewal extension year shall be automatic unless the awarded vendor notifies TIPS of its objection to the first additional one (1) year renewal extension. If TIPS offers the second one (1) year renewal extension terms, the vendor will be notified by email to the primary contact of the awarded Vendor and shall be deemed accepted by the Vendor unless the awarded vendor notifies TIPS of its objection to the additional term. TIPS may or may not exercise the available extension(s) provided in the original solicitation beyond the base term. Whether or not to offer the renewal extension years is at the sole discretion of TIPS.

“Start Date” for Term Calculation Purposes Only: Regardless of actual award/effective date of Contract, for Agreement “term” calculation purposes only, the Agreement “start date” is the last day of the month that Award Notifications are anticipated as published in the Solicitation.

Example: *If the anticipated award date published in the Solicitation is August 27, 2020 but extended negotiations delay award until September 24, 2020 the end date of the resulting initial “two-year” term Agreement, (which is subject to an extension(s)) will still be August 31, 2022.*

“Termination Date”: The scheduled Agreement “termination date” shall be the last day of the month of the month of the Original Solicitation’s Anticipated Award Date plus two years.

Example: *If the original term is approximately two years, and the solicitation provides an anticipated award date of August 27, 2020, the expiration date of the original two-year term shall be August 31, 2022.*

Extensions: Any extensions of the original term shall begin on the next day after the day the original term expires.

Example Following the Previous Example: *If TIPS offers a one-year extension, the expiration of the extended term shall be August 31, 2023.*

TIPS may offer to extend Vendor Agreements to the fullest extent the original Solicitation permits.

Total term of Agreement can be up to the number of years provided in the solicitation or as limited by statute.

Automatic Renewal Clauses Incorporated in Awarded Vendor Agreements with TIPS Members Resulting from the Solicitation and with the Vendor Named in this Agreement.

No Agreement for goods or services with a TIPS Member by the awarded vendor named in this Agreement that results from the solicitation award named in this Agreement, may incorporate an automatic renewal clause that exceeds month to month terms with which the TIPS Member must comply. All renewal terms incorporated in an

Agreement by the vendor with the TIPS Member shall only be valid and enforceable when the vendor receives written confirmation by purchase order, executed Agreement or other written instruction issued by the TIPS Member for any renewal period. The purpose of this clause is to avoid a TIPS Member inadvertently renewing an Agreement during a period in which the governing body of the TIPS Member has not properly appropriated and budgeted the funds to satisfy the Agreement renewal. This term is not negotiable and any Agreement between a TIPS Member and a TIPS awarded vendor with an automatic renewal clause that conflicts with these terms is rendered void and unenforceable.

Shipments

The Vendor shall ship, deliver or provide ordered products or services within a commercially reasonable time after the receipt of the order from the TIPS Member. If a delay in said delivery is anticipated, the Vendor shall notify TIPS Member as to why delivery is delayed and shall provide an estimated time for completion of the order. TIPS or the requesting entity may cancel the order if estimated delivery time is not acceptable or not as agreed by the parties.

Invoices

The awarded Vendor shall submit invoices or payment requests to the TIPS Member participating entity clearly stating "Per TIPS Agreement # xxxxxx." Each invoice or pay request shall include the TIPS Member's purchase order number or other identifying designation as provided in the order or contract by the TIPS Member. If applicable, the shipment tracking number or pertinent information for verification of TIPS Member receipt shall be made available upon request.

Pricing

Price increases will be honored according to the terms of the solicitation. However, the Vendor shall honor previous prices for thirty (30) days after written notification to TIPS of an increase, except any price changes related to the, then current, RS Means Unit Price Book is valid. Price of a specific Job Order Contract proposal to a TIPS Member shall not change within 60 days of date of proposal as a result of an updated RS Means Unit Price Book unless agreed by the TIPS Member. All pricing submitted to TIPS shall include the participation fee, as provided in the solicitation, to be remitted to TIPS by the Vendor. Vendor will not show adding the fee to the invoice presented to customer. Failure to render the participation fee to TIPS shall constitute a breach of this agreement and shall be grounds for termination of this agreement and any other agreement held with TIPS.

Participation Fees and Reporting of Sales to TIPS by Vendor

The Participation Fee that was published as part of the Solicitation and the fee published is the legally effective fee, along with any fee conditions stated in the Solicitation. Collection of the fees by TIPS is required under Texas Government Code §791.011 Et seq. Fees are due on all TIPS purchases reported by either Vendor or Member. Fees are due to TIPS upon payment by the Member to the Vendor, Reseller or Vendor Assigned Dealer. Vendor, Reseller or Vendor Assigned Dealer agrees that the participation fee is due to TIPS for all Agreement sales immediately upon receipt of payment including partial payment, from the Member Entity and must be paid to TIPS at least on a monthly basis, specifically within 31 calendar days of receipt of payment, if not more frequently, or as otherwise agreed by TIPS in writing and signed by an authorized signatory of TIPS. Thus, when an awarded Vendor, Reseller or Vendor Assigned Dealer receives any amount of payment, even partial payment, for a TIPS sale, the legally effective fee for that amount is immediately due to TIPS from the Vendor and fees due to TIPS should be paid at least on a monthly basis, specifically within 31 calendar days of receipt of payment, if not more frequently.

Reporting of Sales to TIPS by Vendor

Vendor is required to report all sales under the TIPS contract to TIPS. When a public entity initiates a purchase with a TIPS Awarded Vendor, if the Member inquires verbally or in writing whether the Vendor holds a TIPS

Contract, it is the duty of the Vendor to verify whether or not the Member is seeking a TIPS purchase. Once verified, the Vendor must include the TIPS Contract number on any communications and related sales documents exchanged with the TIPS Member entity. To report sales, the Vendor must login to the TIPS Vendor Portal online at https://www.tips-usa.com/vendors_form.cfm and click on the PO's and Payments tab. Pages 3-7 of the [Vendor Portal User Guide](#) will walk you through the process of reporting sales to TIPS. Please refer to the TIPS [Accounting FAQ's](#) for more information about reporting sales and if you have further questions, contact the Accounting Team at accounting@tips-usa.com. The Vendor or vendor assigned dealers are responsible for keeping record of all sales that go through the TIPS Agreement and submitting same to TIPS. Failure to render the participation fee to TIPS shall constitute a breach of this agreement with our parent governmental entity, Texas Education Service Center Region 8, as established by the Texas legislature and shall be grounds for termination of this agreement and any other agreement held with TIPS and possible legal action. Any overpayment of participation fees to TIPS by a Vendor will be refunded to the Vendor within ninety (90) days of receipt of notification if TIPS receives written notification of the overpayment not later than the expiration of six (6) months from the date of overpayment and TIPS determines that the amount was not legally due to TIPS pursuant to this agreement and applicable law. It is the Vendor's responsibility to identify which sales are TIPS Agreement sales and pay the correct participation fee due for TIPS Agreement sales. Any notification of overpayment received by TIPS after the expiration of six (6) months from the date of overpayment will be non-refundable. Region 8 ESC and TIPS reserve the right to extend the six (6) month deadline to notify if approved by the Region 8 ESC Board of Directors. TIPS reserves all rights under the law to collect the fees due. Please contact TIPS at tips@tips-usa.com or call (866) 839-8477 if you have questions about paying fees.

Indemnity

The Vendor agrees to indemnify and hold harmless and defend TIPS, TIPS Member(s), officers and employees from and against all claims and suits by third parties for damages, injuries to persons (including death), property damages, losses, and expenses including court costs and reasonable attorney's fees, arising out of, or resulting from, Vendor's work under this Agreement, including all such causes of action based upon common, constitutional, or statutory law, or based in whole or in part, upon allegations of negligent or intentional acts on the part of the Vendor, its officers, employees, agents, subcontractors, licensees, or invitees. Parties found liable shall pay their proportionate share of damages as agreed by the parties or as ordered by a court of competent jurisdiction over the case. **NO LIMITATION OF LIABILITY FOR DAMAGES FOR PERSONAL INJURY OR PROPERTY DAMAGE ARE PERMITTED OR AGREED BY TIPS/ESC REGION 8.** Per Texas Education Code §44.032(f), reasonable Attorney's fees are recoverable by the prevailing party in any dispute resulting in litigation.

State of Texas Franchise Tax

By signature hereon, the bidder hereby certifies that he/she is not currently delinquent in the payment of any franchise taxes owed the State of Texas under Chapter 171, Tax Code.

Miscellaneous

The Vendor acknowledges and agrees that continued participation in TIPS is subject to TIPS sole discretion and that any Vendor may be removed from the participation in the Program at any time with or without cause. Nothing in the Agreement or in any other communication between TIPS and the Vendor may be construed as a guarantee that TIPS or TIPS Members will submit any orders at any time. TIPS reserves the right to request additional proposals for items or services already on Agreement at any time.

Purchase Order Pricing/Product Deviation

If a deviation of pricing/product on a purchase order or contract modification occurs, TIPS is to be notified within five (5) business days of receipt of change order.

Termination for Convenience of TIPS Agreement Only

TIPS reserves the right to terminate this agreement for cause or no cause for convenience with a thirty (30) days prior written notice. Termination for convenience is conditionally required under Federal Regulations 2 CFR part 200 if the customer is using federal funds for the procurement. All purchase orders presented to the Vendor, but not fulfilled by the Vendor, by a TIPS Member prior to the actual termination of this agreement shall be honored at the option of the TIPS Member. The awarded Vendor may terminate the agreement with ninety (90) days prior written notice to TIPS 4845 US Hwy North, Pittsburg, Texas 75686. The vendor will be paid for goods and services delivered prior to the termination provided that the goods and services were delivered in accordance with the terms and conditions of the terminated agreement. This termination clause does not affect the sales agreements executed by the Vendor and the TIPS Member customer pursuant to this agreement. TIPS Members may negotiate a termination for convenience clause that meets the needs of the transaction based on applicable factors, such as funding sources or other needs.

TIPS Member Purchasing Procedures

Usually, purchase orders or their equal are issued by participating TIPS Member to the awarded vendor and should indicate on the order that the purchase is per the applicable TIPS Agreement Number. Orders are typically emailed to TIPS at tipspo@tips-usa.com.

- Awarded Vendor delivers goods/services directly to the participating member.
- Awarded Vendor invoices the participating TIPS Member directly.
- Awarded Vendor receives payment directly from the participating member.
- Fees are due to TIPS upon payment by the Member to the Vendor. Vendor agrees to pay the participation fee to TIPS for all Agreement sales upon receipt of payment including partial payment, from the Member Entity or as otherwise agreed by TIPS in writing and signed by an authorized signatory of TIPS.

Form of Agreement and Reporting

If a vendor submitting an offer requires TIPS and/or TIPS Member to sign an additional agreement, a copy of the proposed agreement must be included with the proposal to the TIPS Member. TIPS does not require a review a TIPS Member's Job Order contract TYPE AIA or other similar Contract provided by the TIPS Member. This clause does not relieve the Vendor from the responsibility to report the contract execution and the amount of the contract and any change orders.

Licenses

Awarded Vendor shall maintain, in current status, all federal, state and local licenses, bonds and permits required for the operation of the business conducted by awarded Vendor. Awarded Vendor shall remain reasonably fully informed of and in compliance with all ordinances and regulations pertaining to the lawful provision of goods or services under the Agreement. TIPS and TIPS Members reserves the right to stop work and/or cancel an order or terminate this or any other sales Agreement of any awarded Vendor whose license(s) required for performance under this Agreement have expired, lapsed, are suspended or terminated subject to a 30-day cure period unless prohibited by applicable statute or regulation.

Novation

If awarded Vendor sells or transfers all assets, rights or the entire portion of the assets or rights required to perform this Agreement, a successor in interest must guarantee to perform all obligations under this Agreement. A simple change of name agreement will not change the Agreement obligations of awarded vendor. TIPS will consider Contract Assignments on a case by case basis. TIPS must be notified within five (5) business days of the transfer of assets or rights.

Site Requirements (when applicable to service or job)

Cleanup: Awarded vendor shall clean up and remove all debris and rubbish resulting from their work as required or directed by TIPS Member. Upon completion of work, the premises shall be left in good repair and an orderly, neat, clean and unobstructed condition.

Preparation: Awarded vendor shall not begin a project for which TIPS Member has not prepared the site, unless awarded vendor does the preparation work at no cost, or until TIPS Member includes the cost of site preparation in a purchase order. Site preparation includes, but is not limited to: moving furniture, installing wiring for networks or power, and similar pre-installation requirements.

Registered sex offender restrictions: For work to be performed at schools, awarded vendor agrees that no employee of a sub-contractor who has been adjudicated to be a registered sex offender will perform work at any time when students are or reasonably expected to be present. Awarded vendor agrees that a violation of this condition shall be considered a material breach and may result in the cancellation of the purchase order at the TIPS Member's discretion. Awarded vendor must identify any additional costs associated with compliance of this term. If no costs are specified, compliance with this term will be provided at no additional charge.

Safety measures: Awarded vendor shall take all reasonable precautions for the safety of employees on the worksite, and shall erect and properly maintain all necessary safeguards for protection of workers and the public. Awarded vendor shall post warning signs against all hazards created by the operation and work in progress. Proper precautions shall be taken pursuant to state law and standard practices to protect workers, general public and existing structures from injury or damage.

Smoking

Persons working under Agreement shall adhere to local smoking policies. Smoking will only be permitted in posted areas or off premises.

Marketing

Awarded vendor agrees to allow TIPS to use their name and logo within website, marketing materials and advertisement subject to any reasonable restrictions provided to TIPS in the Proposal to the Solicitation. Any use of TIPS name and logo or any form of publicity, inclusive of press release, regarding this Agreement by awarded vendor must have prior approval from TIPS.

Supplemental agreements

The TIPS Member entity participating in the TIPS Agreement and awarded vendor may enter into a separate supplemental agreement or contract to further define the level of service requirements over and above the minimum defined in this Agreement i.e. invoice requirements, ordering requirements, specialized delivery, etc. Any supplemental agreement or contract developed as a result of this Agreement is exclusively between the participating entity and awarded vendor. TIPS, its agents, TIPS Members and employees shall not be made party to any claim for breach of such agreement.

Survival Clause

All applicable software license agreements, warranties, service agreements or any supplemental agreement that were entered into between Vendor and TIPS or the TIPS Member Customer under the terms and conditions of the Agreement shall survive the expiration or termination of the Agreement. All Orders, Purchase Orders issued or contracts executed by TIPS or a TIPS Member and accepted by the Vendor prior to the expiration or termination of this agreement, shall survive expiration or termination of the Agreement, subject to previously agreed terms and conditions agreed by the parties or as otherwise specified herein relating to termination of this agreement.

Legal obligations

It is the responding vendor's responsibility to be aware of and comply with all local, state and federal laws governing the sale of products/services identified in this Solicitation and any awarded Agreement thereof. Applicable laws and regulations must be followed even if not specifically identified herein.

Audit rights

Due to transparency statutes and public accountability requirements of TIPS and TIPS Members', the awarded Vendor shall, at their sole expense, maintain appropriate due diligence of all purchases made by TIPS Member that utilizes this Agreement. TIPS and Region 8 ESC each reserve the right to audit the accounting of TIPS related purchases for a period of three (3) years from the time such purchases are made. This audit right shall survive termination of this Agreement for a period of one (1) year from the effective date of termination. In order to ensure and confirm compliance with this agreement, TIPS shall have authority to conduct random audits of Awarded Vendor's pricing that is offered to TIPS Members with 30 days' notice unless the audit is ordered by a Court Order or by a Government Agency with authority to do so without notice. Notwithstanding the foregoing, in the event that TIPS is made aware of any pricing being offered to eligible entities that is materially inconsistent with the pricing under this agreement, TIPS shall have the ability to conduct the audit internally or may engage a third-party auditing firm to investigate any possible non-complying conduct or may terminate the Agreement according to the terms of this Agreement. In the event of an audit, the requested materials shall be reasonably provided in the format and at the location designated by Region 8 ESC or TIPS.

Force Majeure

If by reason of Force Majeure, either party hereto shall be rendered unable wholly or in part to carry out its obligations under this Agreement then such party shall give notice and fully particulars of Force Majeure in writing to the other party within a reasonable time after occurrence of the event or cause relied upon, and the obligation of the party giving such notice, so far as it is affected by such Force Majeure, shall be suspended during the continuance of the inability then claimed, except as hereinafter provided, but for no longer period, and such party shall endeavor to remove or overcome such inability with all reasonable dispatch.

Choice of Law

The Agreement between the Vendor and TIPS/ESC Region 8 and any addenda or other additions resulting from this procurement process, however described, shall be governed by, construed and enforced in accordance with the laws of the State of Texas, regardless of any conflict of laws principles.

Venue, Jurisdiction and Service of Process

Any Proceeding arising out of or relating to this procurement process or any contract issued by TIPS resulting from or any contemplated transaction shall be brought in a court of competent jurisdiction in Camp County, Texas and each of the parties irrevocably submits to the exclusive jurisdiction of said court in any such proceeding, waives any objection it may now or hereafter have to venue or to convenience of forum, agrees that all claims in respect of the Proceeding shall be heard and determined only in any such court, and agrees not to bring any proceeding arising out of or relating to this procurement process or any contract resulting from or any contemplated transaction in any other court. The parties agree that either or both of them may file a copy of this paragraph with any court as written evidence of the knowing, voluntary and freely bargained for agreement between the parties irrevocably to waive any objections to venue or to convenience of forum. Process in any Proceeding referred to in the first sentence of this Section may be served on any party anywhere in the world. Venue for any dispute resolution process, other than litigation, between TIPS and the Vendor shall be located in Camp or Titus County, Texas.

Bonding

When applicable, performance bonds and payment bonds will be required on construction or labor required jobs. Awarded vendor will meet the TIPS Member's local and state purchasing requirements. Awarded vendors may need to provide additional capacity as jobs increase. Bonds costs are passed through at cost to the TIPS Member and are not subject to the TIPS Participation fee be paid to TIPS. The actual cost of the bond will be a pass through to the TIPS Member and added to the purchase order or Contract.

Professional Engineering and Architect's Services

Professional Engineering and Architect's Services are not permitted to be provided under this Agreement. Texas statutes prohibit the procurement of Professional Engineering and Architect's Services through a cooperative agreement.

Scope of Services

The specific scope of work for each job shall be determined in advance and in writing between TIPS Member, Member's design professionals and Vendor. It is permitted for the TIPS Member to provide a general scope description, but the awarded vendor should provide a written scope of work, and if applicable, according to the TIPS Member's design Professional as part of the proposal. Once the scope of the job is agreed to, the TIPS Member will issue a PO and/or an Agreement or Contract with the Job Order Contract Proposal referenced or as an attachment along with bond and any other special provisions agreed by the TIPS Member. If special terms and conditions other than those covered within this solicitation and awarded Agreements are required, they will be attached to the PO and/or an Agreement or Contract and shall take precedence over those in this base TIPS Vendor Agreement.

Project Delivery Order Procedures

The TIPS Member having approved and signed an interlocal agreement, or other TIPS Membership document, may make a request of the awarded vendor under this Agreement when the TIPS Member has services that need to be undertaken. Notification may occur via phone, the web, email, fax, or in person. Upon notification of a pending request, the awarded vendor shall make contact with the TIPS Member as soon as possible, but must make contact with the TIPS Member within two working days.

Scheduling of Projects

Scheduling of projects (if applicable) may be accomplished when the TIPS Member issues a Purchase Order and/or an Agreement or Contract that will serve as "the notice to proceed" as agreed by the Vendor and the TIPS Member. The period for the delivery order will include the mobilization, materials purchase, installation and delivery, design, weather, and site cleanup and inspection. No additional claims may be made for delays as a result of these items. When the tasks have been completed the awarded vendor shall notify the client and have the TIPS Member or a designated representative of the TIPS Member inspect the work for acceptance under the scope and terms in the Purchase Order and/or Agreement or Contract. The TIPS Member will issue in writing any corrective actions that are required. Upon completion of these items, the TIPS Member will issue a completion notice and final payment will be issued per the contractual requirements of the project with the TIPS Member. Any Construction contract prepared by the TIPS Member's Legal Counsel may alter the terms of this subsection, "**Scheduling of Projects**".

Support Requirements

If there is a dispute between the awarded vendor and TIPS Member, TIPS or its representatives may assist, at TIPS sole discretion, in conflict resolution or third party (mandatory mediation), if requested by either party. TIPS, or its representatives, reserves the right to inspect any project and audit the awarded vendors TIPS project files,

documentation and correspondence.

Status of TIPS Members as Related to This Agreement

TIPS Members stand in the place of TIPS as related to this agreement and have the same access to the proposal information and all related documents. TIPS Members have all the same rights under the awarded Agreement as TIPS.

Incorporation of Solicitation

The TIPS Solicitation, whether a Request for Proposals, the Request for Competitive Sealed Proposals or Request for Qualifications solicitation, the Vendor's response to same and all associated documents and forms made part of the solicitation process, including any addenda, that resulted in the execution of this agreement are hereby incorporated by reference into this agreement as if copied verbatim.

SECTION HEADERS OR TITLES

THE SECTION HEADERS OR TITLES WITHIN THIS DOCUMENT ARE MERELY GUIDES FOR CONVENIENCE AND ARE NOT FOR CLASSIFICATION OR LIMITING OF THE RESPONSIBILITIES OF THE PARTIES TO THIS DOCUMENT.

CERTIFICATIONS

If (a) Vendor is not a sole proprietorship; (b) Vendor has ten (10) or more full-time employees; and (c) this Agreement has a value of \$100,000 or more, the following certification shall apply; otherwise, this certification is not required. **Pursuant to Chapter 2270 of the Texas Government Code, the Vendor hereby certifies and verifies that neither the Vendor, nor any affiliate, subsidiary, or parent company of the Vendor, if any (the "Vendor Companies"), boycotts Israel, and the Vendor agrees that the Vendor and Vendor Companies will not boycott Israel during the term of this Agreement.** For purposes of this Agreement, the term "boycott" shall mean and include refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes.

I certify that our company is not listed on and we do not do business with companies that are on the Texas Comptroller of Public Accounts list of Designated Foreign Terrorists Organizations per Texas Gov't Code 2270.0153 found at <https://comptroller.texas.gov/purchasing/docs/foreign-terrorist.pdf>

You certify that pursuant to Texas Business and Commerce Code Chapter 272, as revised September 1, 2017, any construction contract or agreement as defined in the Statute with a TIPS, Education Service Center Region 8 or a Texas TIPS Member subject to the Statute shall include a Choice of Law provision providing that this agreement shall be subject to and interpreted by the Laws of the State of Texas without regard to any conflict of laws principles for any action shall be in a court of competent jurisdiction in Texas and any arbitration shall be in the State of Texas. Pursuant to the Texas Business and Commerce Code, as amended by the 85th Texas Legislature, this Construction Agreement for Job Order Contract services is, in the event of a dispute between the parties, subject to interpretation according to the Laws of the state of Texas only, without regard to any conflict of laws principles. Venue for any alternative dispute resolution procedure or process shall be in the state of Texas. If the dispute is litigated, venue and jurisdiction shall be in a court of competent jurisdiction in the state of Texas.

Pursuant to 85th Texas Legislative H.B. 3270, as it applies to Texas Education Code § 22.0834 et seq, the Vendor shall comply with all relevant sections related to student contact, background checks, fingerprinting and other related requirements.

It is the intent of TIPS to award to reliable, high performance vendors to supply products and services to

government and educational agencies. It is the experience of TIPS that the following procedures provide TIPS, the Vendor, and the participating agency the necessary support to facilitate a mutually beneficial relationship. The specific procedures will be negotiated with the successful vendor.

- **Agreements:**

All vendor Purchase Orders and/or Agreements/Contracts must be emailed to TIPS at tipspo@tips-usa.com. Should an agency send an order direct to vendor, it is the vendor's responsibility to forward the order to TIPS at the email above within three business days and confirm its receipt with TIPS.

- **Promotion of Agreement:**

It is agreed that Vendor will encourage all eligible entities to purchase from the TIPS Program. Encouraging entities to purchase directly from the Vendor, bypassing the TIPS Agreement when the Member has requested the TIPS agreement is a violation of the terms and conditions of this Agreement and will result in removal of the Vendor from the TIPS Program.

TIPS Vendor Agreement Signature Form

RFP 210601 Lighting Sytems, Parts and Installations PART 2 ONLY

Company Name Mountain Technology Resources, Inc.

Address 7000 Erbacon Rd.

City Erbacon State WV Zip 26203

Phone 304-915-2045 Fax _____

Email of Authorized Representative scotthol@mountaintech.net.com

Name of Authorized Representative Scott R. Holcomb

Title Secretary

Signature of Authorized Representative *Scott R. Holcomb*

Date 6/26/21

TIPS Authorized Representative Name David Fitts

Title Executive Director

TIPS Authorized Representative Signature *David Wayne Fitts*

Approved by ESC Region 8 *David Wayne Fitts*

Date 7-29-2021

NOTICE TO MEMBERS REGARDING ATTRIBUTE RESPONSES

TIPS VENDORS RESPOND TO ATTRIBUTE QUESTIONS AS PART OF TIPS COMPETITIVE SOLICITATION PROCESS. THE VENDOR'S RESPONSES TO ATTRIBUTE QUESTIONS ARE INCLUDED HEREIN AS "SUPPLIER RESPONSE." PLEASE BE ADVISED THAT DEVIATIONS, IF ANY, IN VENDOR'S RESPONSE TO ATTRIBUTE QUESTIONS MAY NOT REFLECT VENDOR'S FINAL ATTRIBUTE RESPONSE, WHICH IS SUBJECT TO NEGOTIATIONS PRIOR TO AWARD. PLEASE CONTACT THE TIPS OFFICE AT 866-839-8477 WITH QUESTIONS OR CONCERNS REGARDING VENDOR ATTRIBUTE RESPONSE DEVIATIONS. PLEASE KEEP IN MIND THAT TIPS DOES NOT PROVIDE LEGAL COUNSEL TO MEMBERS. TIPS RECOMMENDS THAT YOU CONSULT YOUR LEGAL COUNSEL WHEN EXECUTING CONTRACTS WITH OR MAKING PURCHASES FROM TIPS VENDORS.



210601

**Mountain Technology Resources, Inc.
Supplier Response**

Event Information

Number: 210601
Title: Lighting Systems, Parts, and Installations (2 PART with JOC)
Type: Request for Proposal
Issue Date: 6/3/2021
Deadline: 7/16/2021 03:00 PM (CT)
Notes: This is a 2 PART solicitation. PART 1 is for projects that are not considered construction or a public work. It includes, but is not limited to, parts, supplies, maintenance services and repairs. PART 2 Job Order Contract (JOC) is for projects considered construction or public work projects. The determination of whether or not a project requires a PART 2 JOC is the responsibility of the TIPS member entity. Vendors are encouraged to respond to BOTH PARTS 1 and 2 to meet the needs of our members, but responses to both parts is not required.

IF YOU CURRENTLY HOLD TIPS CONTRACT(S) 18060201 Lighting Systems, Parts and Installations (PART 1) AND/OR 18060202 Lighting Systems, Parts and Installations (PART 2), YOU MUST RESPOND TO THIS SOLICITATION TO PREVENT LAPSE OF CONTRACT UNLESS YOU HOLD ANOTHER CURRENT TIPS CONTRACT THAT COVERS ALL OF YOUR LIGHTING OFFERINGS. THIS AWARDED CONTRACT WILL REPLACE YOUR EXPIRING TIPS CONTRACT(S) 18060201 Lighting Systems, Parts and Installations (PART 1)

AND/OR 18060202 Lighting Systems, Parts and Installations (PART 2).

Contact Information

Address: Region 8 Education Service Center
4845 US Highway 271 North
Pittsburg, TX 75686
Phone: +1 (866) 839-8477
Email: bids@tips-usa.com

Mountain Technology Resources, Inc. Information

Contact: Scott R Holcomb
Address: 7000 Erbacon Rd
Erbacon, WV 26203
Phone: (304) 915-2045
Email: scotthol@mountaintech.net.com
Web Address: www.mountaintech.net.com

By submitting your response, you certify that you are authorized to represent and bind your company.

Scott R Holcomb
Signature

scotthol@mountaintech.net.com
Email

Submitted at 7/14/2021 1:41:50 PM

Requested Attachments

Agreement Signature Form PART 1 ONLY

210601 Agreement Signature Form PART 1 ONLY signed.pdf

If you have not taken exception or deviation to the agreement language in the solicitation attributes, download the AGREEMENT SIGNATURE FORM from the "ATTACHMENTS" tab. This PDF document is a fillable form. Download the document to your computer, fill in the requested company information, print the file, SIGN the form, SCAN the completed and signed AGREEMENT SIGNATURE FORM, and upload here.

If you have taken exception to any of the agreement language and noted the exception in the deviations section of the attributes for the agreement, complete the AGREEMENT SIGNATURE FORM, but DO NOT SIGN until those deviations have been negotiated and resolved with TIPS management. Upload the unsigned form here, because this is a required document.

Vendor Agreement PART 1 ONLY

210601 Vendor Agreement PART 1 ONLY completed.pdf

The vendor must download the Vendor Agreement from the attachment tab, fill in the requested information and upload the completed agreement.

DO NOT UPLOAD encrypted or password protected files.

Vendor Agreement PART 2 ONLY

210601 Vendor Agreement JOC_PART 2 ONLY completed.pdf

If proposing on Part 2, the vendor must download the Vendor Agreement from the attachment tab, fill in the requested information and upload the completed agreement.

DO NOT UPLOAD encrypted or password protected files.

Agreement Signature Form PART 2 ONLY

210601 Agreement Signature Form PART 2 ONLY signed.pdf

If proposing on Part 2, the vendor must download the Vendor Agreement from the attachment tab, fill in the requested information and upload the completed agreement.

DO NOT UPLOAD encrypted or password protected files.

Pricing Form 1 PART 1 ONLY

Copy of 210601 Pricing Form 1 PART 1 ONLY Completed.xlsx

The vendor must download the PRICING SPREADSHEET SHEET from the attachment tab, fill in the requested information and upload the completed spreadsheet.

DO NOT UPLOAD encrypted or password protected files.

Pricing Form 2 PART 1 ONLY

210601 Pricing Form 2 PART 1 ONLY completed.xlsx

The vendor must download the PRICING SPREADSHEET SHEET from the attachment tab, fill in the requested information and upload the completed spreadsheet.

DO NOT UPLOAD encrypted or password protected files.

OPTIONAL - PART 2 - JOC Pricing of Itemized List of RS Means Non-Prepriced Items

No response

The Vendor may download the optional Pricing of Itemized List of RS Means Non-Prepriced Items form from the attachment tab, fill in the requested information, and upload the completed spreadsheet. DO NOT UPLOAD encrypted or password protected files.

Reference Form (PARTS 1 & 2)

Copy of Reference Form (PARTS 1 & 2) completed.xls

Valid Reference Email addresses are REQUIRED on the spreadsheet. The vendor must download the References spreadsheet from the attachment tab, fill in the requested information and upload the completed spreadsheet. DO NOT UPLOAD encrypted or password protected files.

Proposed Goods and Services

Product list link.docx

Please upload one or more documents or sheets describing your offerings, line cards, catalogs, links to offerings OR list links to your offerings that illustrate the catalog of proposed lines of goods and or services you carry and offer under this proposal. It does not have to be exhaustive but should, at a minimum tell us what you are offering. It could be as simple as a sheet with your link to your online catalog of goods and services.

D/M/WBE Certification OPTIONAL

No response

D/M/WBE Certification documentation may be scanned and uploaded if you desire to claim your status as one of the identified enterprises. (Disadvantaged Business Enterprise, Minority Business Enterprise and/or Woman Business Enterprise) If vendor has more than one certification scan into one document. (PDF Format ONLY)
DO NOT UPLOAD encrypted or password protected files.

Warranty

No response

Warranty information (if applicable) must be scanned and uploaded. (PDF Format ONLY)
DO NOT UPLOAD encrypted or password protected files.

Supplementary

Lumalier products.pdf

Supplementary information can be scanned and uploaded. (Company information, brochures, catalogs, etc.) (PDF Format ONLY)
DO NOT UPLOAD encrypted or password protected files.

All Other Certificates

No response

All Other Certificates (if applicable) must be scanned and uploaded. If vendor has more than one other certification scan into one document. (PDF Format ONLY)
DO NOT UPLOAD encrypted or password protected files.

Logo and Other Company Marks

MTR Primary Logo - Blue High Res.jpg

Conflict of Interest Form CIQ- ONLY REQUIRED IF A CONFLICT EXISTS PER THE INSTRUCTIONS

No response

ONLY REQUIRED IF A CONFLICT EXISTS PER THE INSTRUCTIONS
Conflict of Interest Form for Vendors that are required to submit the form. The Conflict of Interest Form is included in the Base documents or can be found at <https://www.tips-usa.com/assets/documents/docs/CIQ.pdf>.

Certificate of Corporate Offerer - COMPLETE ONLY IF OFFERER IS A CORPORATION

CERTIFICATION OF CORPORATE OFFERER FORM signed.pdf

COMPLETE AND UPLOAD FORM IN ATTACHMENTS SECTION ONLY IF OFFERER IS A CORPORATION

Lobbying Report Standard Form-LLL, "disclosure Form to Report Lobbying,"

No response

If you answered "I HAVE Lobbied per above" to attribute #66, please download and complete and upload the Standard Form-LLL, "disclosure Form to Report Lobbying," in the Response attachments section.

Confidentiality Form

210601 CONFIDENTIALITY CLAIM FORM signed.pdf

REQUIRED CONFIDENTIALITY FORM. Complete the form according to your company requirements, make any desired attachments and upload to the appropriate section under "Response Attachments" THIS FORM DETERMINES HOW ESC8/TIPS RESPONDS TO LEGAL PUBLIC INFORMATION REQUESTS.

Bonding Capacity Letter from Surety/Insurance Company

72382703 - LOB Mountain Technology Resources, Inc.pdf

REQUIRED IF YOU ARE PROPOSING ON PART 2 -Attach the Bonding Capacity Letter from Surety/Insurance Company. if you do not have one available at time of proposal, attached a letter stating it will be submitted when received to prove bonding capacity. No award can be made until official bonding capacity letter is received by TIPS.

Current W-9 Tax Form

W9 MTR 062521.pdf

You are required by TIPS to upload a current W-9 Internal Revenue Service (IRS) Tax Form for your entity. This form will be utilized by TIPS to properly identify your entity.

Bid Attributes

1 Yes - No	Disadvantaged/Minority/Women Business Enterprise - D/M/WBE (Required by some participating governmental entities) Vendor certifies that their firm is a D/M/WBE? Vendor must upload proof of certification to the "Response Attachments" D/M/WBE CERTIFICATES section. <input type="text" value="No"/>
2 Yes - No	Historically Underutilized Business - HUB (Required by some participating governmental entities) Vendor certifies that their firm is a HUB as defined by the State of Texas at https://comptroller.texas.gov/purchasing/vendor/hub/ or in a HUBZone as defined by the US Small Business Administration at https://www.sba.gov/offices/headquarters/ohp Proof of one or both may be submitted. Vendor must upload proof of certification to the "Response Attachments" HUB CERTIFICATES section. <input type="text" value="No"/>
3 Yes - No	The Vendor can provide services and/or products to all 50 US States? <input type="text" value="Yes"/>
4 States Served:	If answer is NO to question #3, please list which states can be served. (Example: AR, OK, TX) <input type="text" value="No response"/>
5 Company and/or Product Description:	This information will appear on the TIPS website in the company profile section, if awarded a TIPS contract. (Limit 750 characters.) <input type="text" value="Electrical construction services and product supplier"/>
6 Primary Contact Name	Primary Contact Name <input type="text" value="Scott R Holcomb"/>
7 Primary Contact Title	Primary Contact Title <input type="text" value="Field Engineer"/>
8 Primary Contact Email	Primary Contact Email <input type="text" value="scotthol@mountaintech.net"/>
9 Primary Contact Phone	Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 <input type="text" value="3049152045"/>

10	Primary Contact Fax Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 <input type="text" value="No response"/>
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11	Primary Contact Mobile Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 <input type="text" value="3046519424"/>
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12	Secondary Contact Name Secondary Contact Name <input type="text" value="Patsy J Holcomb"/>
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13	Secondary Contact Title Secondary Contact Title <input type="text" value="President"/>
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14	Secondary Contact Email Secondary Contact Email <input type="text" value="mountaintechnology@yahoo.com"/>
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15	Secondary Contact Phone Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 <input type="text" value="3042263793"/>
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16	Secondary Contact Fax Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 <input type="text" value="No response"/>
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17	Secondary Contact Mobile Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 <input type="text" value="No response"/>
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18	Admin Fee Contact Name Admin Fee Contact Name. This person is responsible for paying the admin fee to TIPS. <input type="text" value="Scott R Holcomb"/>
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19	Admin Fee Contact Email Admin Fee Contact Email <input type="text" value="scotthol@mountaintechnet.com"/>
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20	Admin Fee Contact Phone Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 <input type="text" value="3049152045"/>
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21	Purchase Order Contact Name Purchase Order Contact Name. This person is responsible for receiving Purchase Orders from TIPS. <input type="text" value="Scott R Holcomb"/>
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22	Purchase Order Contact Email Purchase Order Contact Email <input type="text" value="scotthol@mountaintech.net"/>
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23	Purchase Order Contact Phone Enter 10 digit phone number. (No dashes or extensions) Example: 8668398477 <input type="text" value="3049152045"/>
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24	Company Website Company Website (Format - www.company.com) <input type="text" value="www.mountaintech.net"/>
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25	Entity D/B/A's and Assumed Names Please identify all of your entity's assumed names and D/B/A's. Please note that you will be identified publicly by the legal name under which you responded to this solicitation unless you organize otherwise with TIPS after award. <input type="text" value="No response"/>
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26	Primary Address Primary Address <input type="text" value="7000 Erbacon Rd"/>
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27	Primary Address City Primary Address City <input type="text" value="Erbacon"/>
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28	Primary Address State Primary Address State (2 Digit Abbreviation) <input type="text" value="WV"/>
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29	Primary Address Zip Primary Address Zip <input type="text" value="26203"/>
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3
0 **Search Words:**

Please list search words to be posted in the TIPS database about your company that TIPS website users might search. Words may be product names, manufacturers, or other words associated with the category of award. YOU MAY NOT LIST NON-CATEGORY ITEMS. (Limit 500 words) (Format: product, paper, construction, manufacturer name, etc.)

UV Light, UVC, UV, UVC lighting, UV disinfection, UVC disinfection, lighting distributor, lumalier, disinfectant, UVC distributor

3
1 **Do you want TIPS Members to be able to spend Federal grant funds with you if awarded? Is it your intent to be able to sell to our members regardless of the fund source, whether it be local, state or federal?**

Most of our members receive Federal Government grants and they make up a significant portion of their budgets. The members need to know if your company is willing to sell to them when they spend federal budget funds on their purchase. There are attributes that follow that are provisions from the federal regulations in 2 CFR part 200. Your answers will determine if your award will be designated as Federal or Education Department General Administrative Regulations (EDGAR)compliant.

Do you want TIPS Members to be able to spend Federal grant funds with you if awarded and is it your intent to be able to sell to our members regardless of the fund source, whether it be local, state or federal?

Yes

3
2 **Yes - No**

Certification of Residency - The vendor's ultimate parent company or majority owner:

(A) has its principal place of business in Texas;

OR

(B) employs at least 500 persons in Texas?

This question is required as a data gathering function for information to our members making purchases with awarded vendors. Does not affect scoring with TIPS.

No

3
3 **Company Residence (City)**

Vendor's principal place of business is in the city of?

Erbacon

3
4 **Company Residence (State)**

Vendor's principal place of business is in the state of?

West Virginia

35 Discount Offered - CAUTION READ CAREFULLY BECAUSE VENDORS FREQUENTLY MAKE MISTAKES ON THIS ATTRIBUTE QUESTION

Remember this is a MINIMUM discount percentage so, be sure the discount percentage inserted here can be applied to ANY OFFERING OF GOODS OR SERVICES THROUGH OUT THE LIFE OF THE CONTRACT

CAUTION: BE CERTAIN YOU CAN HONOR THIS MINIMUM DISCOUNT PERCENTAGE ON ANY OFFERED SERVICE OR GOOD NOW OR DURING THE LIFE OF THE CONTRACT.

What is the MINIMUM percentage discount off of any item or service you offer to TIPS Members that is in your regular catalog (as defined in the solicitation specifications document), website, store or shelf pricing or when adding new goods or services to your offerings during the life of the contract? The resulting price of any goods or services Catalog list prices after this discount is applied is a ceiling on your pricing and not a floor because, in order to be more competitive in the individual circumstance, you may offer a larger discount depending on the items or services purchased and the quantity at time of sale.
Must answer with a number between 0% and 100%.

36 Yes - No

If awarded on Part 1 of the TIPS Contract, for the duration of the Contract, Vendor agrees to provide catalog pricing, as defined in the solicitation and below, to TIPS upon request for any goods and services offered on PART 1 of the Vendor's TIPS Contract, if any.

"Catalog" means the available list of tangible personal property or services, in the most current listing, regardless of date, during the life of the contract, that takes the form of a catalog, price list, schedule, shelf price or other form that:

- A. is regularly maintained by the manufacturer or Vendor of an item; and
- B. is either published or otherwise available for inspection by a customer during the purchase process;
- C. to which the minimum discount proposed by the proposing Vendor may be applied.

37 TIPS administration fee

By submitting a proposal, I agree that all pricing submitted to TIPS shall include the participation fee, as designated in the solicitation or as otherwise agreed in writing and shall be remitted to TIPS by the Vendor or the vendor's named resellers and as agreed in the Vendor agreement. I agree that the fee shall not and will not be added by the vendor as a separate line item on a TIPS member invoice, quote, proposal or any other written communications with the TIPS member.

38 REQUIRED FOR PART 2 JOC - PRICING OF Regular Hours Coefficient

What is your regular hours coefficient for the RS Means Price Book? (FAILURE TO RESPOND PROHIBITS PART 2 JOC EVALUATION)

Remember that this is a ceiling price proposed. You can discount lower than your proposed contract coefficient, but not higher.

This is one of three pricing questions that are required for consideration for award on this solicitation. Please consider your answer carefully. An explanation of the TIPS scoring of pricing is included in the attachments for your information.

The below is an Example of how pricing model works (not intended to influence your proposed coefficient, you should propose a coefficient that you determine is right for your business):

To propose the exact pricing as the RS Means Unit Price Book, you would insert a 1.0 and to propose a 5% discount for the RS Means Price Book would be a .95 regular hours coefficient and so on.

39 REQUIRED FOR PART 2 JOC - PRICING OF After Hours Coefficient

What is your after hours coefficient for the RS Means Price Book for work performed after normal working hours? (FAILURE TO RESPOND PROHIBITS PART 2 JOC EVALUATION)

Remember that this is a ceiling price proposed. You can discount to any TIPS Member customer a lower coefficient than your proposed contract coefficient, but not higher.

This is one of three pricing questions that are required for consideration for award on this solicitation. Please consider your answer carefully. An explanation of the TIPS scoring of pricing titled "Pricing Coefficient Instruction" is included in the attachments for your information.

The below is an EXAMPLE of how the pricing model works (It is not intended to influence your proposed coefficient, you should propose a coefficient that you determine is reasonable for your business for the life of the contract): The most common after hours coefficient is time and a half of the RS Means Unit Price Book prices. To illustrate this coefficient, if your regular hours coefficient is .95, your after hours coefficient would be 1.45.

40 REQUIRED FOR 2 PART JOC - PRICING for Markup of Non-Prepriced Items in RS Means Unit Price Book

What is your proposed Markup Percentage on materials not found in the RS Means Price Book? (FAILURE TO RESPOND PROHIBITS PART 2 JOC EVALUATION)

If any materials being utilized for a project cannot be found in the RS Means Price Book, this question is what is the markup percentage on those materials?

When answering this question please insert the number that represents your percentage of proposed markup. Example: if you are proposing a 30 percent markup, please insert the number "30".

Remember that this is a ceiling markup. You may markup a lesser percentage to the TIPS Member customer when pricing the project, but not a greater percentage.

EXAMPLE: You need special materials that are not in the RS Means Unit Price Book for a project. You would buy the materials and mark them up to the TIPS Member customer by the percentage you propose in this question. If the materials cost you, the contractor, \$100 and you proposed a markup on this question for the material of 30 percent, then you would charge the TIPS Member customer \$130 for the materials.

4 1	<p>Yes - No</p> <p>Vendor agrees to remit to TIPS the required administration fee or, if resellers are named, guarantee the fee remittance by or for the reseller named by the vendor?</p> <p>TIPS/ESC Region 8 is required by Texas Government Code § 791 to be compensated for its work and thus, failure to agree shall render your response void and it will not be considered.</p> <p><input type="text" value="Agreed"/></p>
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4 2	<p>Yes - No</p> <p>Do you offer additional discounts to TIPS members for large order quantities or large scope of work?</p> <p><input type="text" value="Yes"/></p>
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4 3	<p>Years experience in this category of goods or services.</p> <p>Company years experience in this category of goods or services?</p> <p><input type="text" value="5"/></p>
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4 4	<p>Resellers:</p> <p>Does the vendor have resellers that it will name under this contract?</p> <p>Resellers are defined as other companies that sell your products under an agreement with you, as the awarded vendor of TIPS.</p> <p>EXAMPLE: BIGmart is a reseller of ACME brand televisions. If ACME were a TIPS awarded vendor, then ACME would list BIGmart as a reseller.</p> <p>(If applicable, Vendor should add all Authorized Resellers within the TIPS Vendor Portal upon award).</p> <p><input type="text" value="No"/></p>
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4 5	<p>Right of Refusal</p> <p>Does the proposing vendor wish to reserve the right not to perform under the awarded agreement with a TIPS member at vendor's discretion?</p> <p><input type="text" value="Yes"/></p>
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4 **NON-COLLUSIVE BIDDING CERTIFICATE**

6 By submission of this bid or proposal, the Bidder certifies that:

- 1) This bid or proposal has been independently arrived at without collusion with any other Bidder or with any Competitor;
- 2) This bid or proposal has not been knowingly disclosed and will not be knowingly disclosed, prior to the opening of bids, or proposals for this project, to any other Bidder, Competitor or potential competitor:
- 3) No attempt has been or will be made to induce any other person, partnership or corporation to submit or not to submit a bid or proposal;
- 4) The person signing this bid or proposal certifies that he has fully informed himself regarding the accuracy of the statements contained in this certification, and under the penalties being applicable to the Bidder as well as to the person signing in its behalf.

Not a negotiable term. Failure to agree will render your proposal non-responsive and it will not be considered.

4 **CONFLICT OF INTEREST QUESTIONNAIRE - FORM CIQ -Do you have any CONFLICT OF INTEREST TO REPORT OR DISCLOSE under this statutory requirement?**

7 Do you have any CONFLICT OF INTEREST TO REPORT OR DISCLOSE under this statutory requirement? YES or NO

If you have a conflict of interest as described in this form or the Local Government Code Chapter 176, cited therein- you are required to complete and file with TIPS.
The Form CIQ is one of the attachments to this solicitation.

There is an optional upload for this form provided if you have a conflict and must file the form

4 **Filing of Form CIQ**

8 If yes (above), have you filed a form CIQ by uploading the form to this RFP as directed above?

4 **Regulatory Standing**

9 I certify to TIPS for the proposal attached that my company is in good standing with all governmental agencies Federal or state that regulate any part of our business operations. If not, please explain in the next attribute question.

5 **Regulatory Standing**

0 Regulatory Standing explanation of no answer on previous question.

Antitrust Certification Statements (Tex. Government Code § 2155.005)

By submission of this bid or proposal, the Bidder certifies that:

I affirm under penalty of perjury of the laws of the State of Texas that:

(1) I am duly authorized to execute this contract on my own behalf or on behalf of the company, corporation, firm, partnership or individual (Company) listed below;

(2) In connection with this bid, neither I nor any representative of the Company has violated any provision of the Texas Free Enterprise and Antitrust Act, Tex. Bus. & Comm. Code Chapter 15;

(3) In connection with this bid, neither I nor any representative of the Company has violated any federal antitrust law;

(4) Neither I nor any representative of the Company has directly or indirectly communicated any of the contents of this bid to a competitor of the Company or any other company, corporation, firm, partnership or individual engaged in the same line of business as the Company.

Suspension or Debarment Instructions

Instructions for Certification:

1. By answering yes to the next Attribute question below, the vendor and prospective lower tier participant is providing the certification set out herein in accordance with these instructions.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification in addition to other remedies available to the federal government, the department or agency with which this transaction originated may pursue available remedies, including suspension and / or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms “covered transaction,” “debarred,” “suspended,” “ineligible,” “lower tier covered transaction,” “participants,” “person,” “primary covered transaction,” “principal,” “proposal” and “voluntarily excluded,” as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this form that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this form that it will include this clause titled “Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction” without modification in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the federal government, the department or agency with which this transaction originated may pursue available remedies, including suspension and / or debarment.

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3

Suspension or Debarment Certification

By answering yes, you certify that no federal suspension or debarment is in place, which would preclude receiving a federally funded contract as described above.

Debarment and Suspension (Executive Orders 12549 and 12689)—A contract award (see 2 CFR 180.220) must not be made to parties listed on the government-wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

By answering yes, you certify that no federal suspension or debarment is in place, which would preclude receiving a federally funded contract as described above.

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4

Non-Discrimination Statement and Certification

In accordance with Federal civil rights law, all U.S. Departments, including the U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at [How to File a Program Discrimination Complaint](#) and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov.

(Title VI of the Education Amendments of 1972; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975; Title 7 CFR Parts 15, 15a, and 15b; the Americans with Disabilities Act; and FNS Instruction 113-1, Civil Rights Compliance and Enforcement – Nutrition Programs and Activities)

All U.S. Departments, including the USDA are equal opportunity provider, employer, and lender.

Not a negotiable term. Failure to agree will render your proposal non-responsive and it will not be considered. I certify that in the performance of a contract with TIPS or its members, that our company will conform to the foregoing anti-discrimination statement and comply with the cited and all other applicable laws and regulations.

Yes, I certify (Yes)

5 2 CFR PART 200 Contract Provisions Explanation

Required Federal contract provisions of Federal Regulations for Contracts for contracts with ESC Region 8 and TIPS Members:

The following provisions are required to be in place and agreed if the procurement is funded in any part with federal funds.

The ESC Region 8 and TIPS Members are the subgrantee or Subrecipient by definition. Most of the provisions are located in 2 CFR PART 200 - Appendix II to Part 200—Contract Provisions for Non-Federal Entity Contracts Under Federal Awards at 2 CFR PART 200. Others are included within 2 CFR part 200 et al.

In addition to other provisions required by the Federal agency or non-Federal entity, all contracts made by the non-Federal entity under the Federal award must contain provisions covering the following, as applicable.

5 2 CFR PART 200 Contracts

Contracts for more than the simplified acquisition threshold currently set at \$250,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

Notice: Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members reserves all rights and privileges under the applicable laws and regulations with respect to this procurement in the event of breach of contract by either party.

Does vendor agree?

5 2 CFR PART 200 Termination

Termination for cause and for convenience by the grantee or subgrantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of \$10,000)

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members reserves the right to terminate any agreement in excess of \$10,000 resulting from this procurement process for cause after giving the vendor an appropriate opportunity and up to 30 days, to cure the causal breach of terms and conditions. ESC Region 8 and TIPS Members reserves the right to terminate any agreement in excess of \$10,000 resulting from this procurement process for convenience with 30 days notice in writing to the awarded vendor. The vendor would be compensated for work performed and goods procured as of the termination date if for convenience of the ESC Region 8 and TIPS Members. Any award under this procurement process is not exclusive and the ESC Region 8 and TIPS reserves the right to purchase goods and services from other vendors when it is in the best interest of the ESC Region 8 and TIPS.

Does vendor agree?

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2 CFR PART 200 Clean Air Act

Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended—Contracts and subgrants of amounts in excess of \$250,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

Pursuant to the Clean Air Act, et al above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members requires that the proposer certify that during the term of an award by the ESC Region 8 and TIPS Members resulting from this procurement process the vendor agrees to comply with all of the above regulations, including all of the terms listed and referenced therein.

Does vendor agree?

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2 CFR PART 200 Byrd Anti-Lobbying Amendment

Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)—Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members requires the proposer certify that during the term and during the life of any contract with ESC Region 8 and TIPS Members resulting from this procurement process the vendor certifies to the terms included or referenced herein.

Does vendor agree?

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2 CFR PART 200 Federal Rule

Compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15). (Contracts, subcontracts, and subgrants of amounts in excess of \$250,000)

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, ESC Region 8 and TIPS Members requires the proposer certify that in performance of the contracts, subcontracts, and subgrants of amounts in excess of \$250,000, the vendor will be in compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15).

Does vendor certify that it is in compliance with the Clean Air Act?

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1 **2 CFR PART 200 Procurement of Recovered Materials**

A non-Federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

Does vendor certify that it is in compliance with the Solid Waste Disposal Act as described above?

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2 **2 CFR PART 200 Rights to Inventions**

If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

Pursuant to the above, when the foregoing applies to ESC Region 8 and TIPS Members, Vendor certifies that during the term of an award resulting from this procurement process, Vendor agrees to comply with all applicable requirements as referenced in the Federal rule above.

Does vendor agree?

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3 **2 CFR PART 200 Domestic Preferences for Procurements**

As appropriate and to the extent consistent with law, the non-Federal entity should, to the greatest extent practicable under a Federal award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this section must be included in all subawards including all contracts and purchase orders for work or products under this award. For purposes of 2 CFR Part 200.322, "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States. Moreover, for purposes of 2 CFR Part 200.322, "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum, plastics and polymer-based products such as polyvinyl chloride pipe, aggregates such as concrete, class, including optical fiber, and lumber.

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, Vendor certifies that to the greatest extent practicable Vendor will provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products).

Does vendor agree?

6 4 2 CFR PART 200 Ban on Foreign Telecommunications

Federal grant funds may not be used to purchase equipment, services, or systems that use “covered telecommunications” equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. “Covered telecommunications” means purchases from Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities), and video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members, Vendor certifies that Vendor will not purchase equipment, services, or systems that use “covered telecommunications”, as defined by 2 CFR §200.216 equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

Does vendor agree?

6 5 2 CFR PART 200 Equal Employment Opportunity

Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of “federally assisted construction contract” in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, “Equal Employment Opportunity” (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” and implementing regulations at 41 CFR part 60, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.”

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members on any federally assisted construction contract, the equal opportunity clause is incorporated by reference herein.

Does vendor agree?

6 6 2 CFR PART 200 Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708)

[Applicable ONLY to contracts in excess of \$100,000 involving mechanics or laborers.] Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

Pursuant to the above, when federal funds are expended by ESC Region 8 and TIPS Members on qualifying contracts, Vendor certifies that Vendor will be in compliance with all applicable provisions of the Contract Work Hours and Safety Standards Act during the term of an award for all contracts by the District resulting from this procurement process.

Does vendor agree?

6
7 **Certification Regarding Lobbying**

Applicable to Grants, Subgrants, Cooperative Agreements, and Contracts Exceeding \$100,000 in Federal Funds

Submission of this certification is a prerequisite for making or entering into this transaction and is imposed by section 1352, Title 31, U.S. Code. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal grant, the making of a Federal loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all covered subawards exceeding \$100,000 in Federal funds at all appropriate tiers and that all subrecipients shall certify and disclose accordingly.

6
8 **Lobbying Report Standard Form-LLL, "disclosure Form to Report Lobbying,"**

ONLY IF you answered "I HAVE Lobbied per above" to attribute above titled "[Certification Regarding Lobbying](#)", please download and complete and upload the Standard Form-LLL, "disclosure Form to Report Lobbying," in the Response attachments section.

6
9 **Subcontracting with small and minority businesses, women's business enterprises, and labor surplus area firms.**

Do you ever anticipate the possibility of subcontracting any of your work under this award if you are successful?

IF NO, DO NOT ANSWER THE NEXT ATTRIBUTE QUESTION. . IF YES, and ONLY IF YES, you must answer the next question YES if you want a TIPS Member to be authorized to spend Federal Grant Funds for Procurement.

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ONLY IF YES TO THE PREVIOUS QUESTION OR if you ever do subcontract any part of your performance under the TIPS Agreement, do you agree to comply with the following federal requirements?

ONLY IF YES TO THE ABOVE QUESTIONS OR if you ever do subcontract any part of your performance under the TIPS Agreement,

do you agree to comply with the following federal requirements?

Federal Regulation 2 CFR §200.321 Contracting with small and minority businesses, women's business enterprises, and labor surplus area firms. (a)The non-Federal entity must take all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

(b) Affirmative steps must include:(1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;

(2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;

(3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;

(4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;

(5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce ; and

(6) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs(1) through (5) of this section.

No response

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If proposing on PART 2, Davis-Bacon Act compliance.

IF proposing on PART 2, Texas Statute requires compliance with Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part S, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. 314S), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

BY SUBMITTING A PROPOSAL FOR PART 2 OF THIS SOLICITATION, the Vendor agrees, AS REQUIRED BY LAW, to comply with the Davis Bacon Act, IF APPLICABLE and if proposing on PART 2 of this solicitation.

**7
2** **Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708)**

Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

By submitting a proposal to PART 2 of this solicitation and IF the customer is utilizing federal funds as described above, the Vendor agrees to comply with the Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708).

**7
3** **Indemnification**

The ESC Region 8 and TIPS is a Texas Political Subdivision and a local governmental entity; therefore, is prohibited from indemnifying third parties pursuant to the Texas Constitution (Article 3, Section 52) except as specifically provided by law or as ordered by a court of competent jurisdiction. A provision in a contract to indemnify or hold a party harmless is a promise to pay for any expenses the indemnified party incurs, if a specified event occurs, such as breaching the terms of the contract or negligently performing duties under the contract. Article III, Section 49 of the Texas Constitution states that "no debt shall be created by or on behalf of the State ... " The Attorney General has counseled that a contractually imposed obligation of indemnity creates a "debt" in the constitutional sense. Tex. Att'y Gen. Op. No. MW-475 (1982). Contract clauses which require the System or institutions to indemnify must be deleted or qualified with "to the extent permitted by the Constitution and Laws of the State of Texas." Liquidated damages, attorney's fees, waiver of vendor's liability, and waiver of statutes of limitations clauses should also be deleted or qualified with "to the extent permitted by the Constitution and laws of State of Texas."

Do you agree to these terms?

Yes, I Agree (Yes)

**7
4** **Remedies**

The parties shall be entitled to exercise any right or remedy available to it either at law or in equity, subject to the choice of law, venue and service of process clauses limitations agreed herein. Nothing in this agreement shall commit the TIPS to an arbitration resolution of any disagreement under any circumstances. Any Claim arising out of or related to the Contract, except for those specifically waived under the terms of the Contract, may, after denial of the Board of Directors, be subject to mediation at the request of either party. Any issues not resolved hereunder MAY be referred to non-binding mediation to be conducted by a mutually agreed upon mediator as a prerequisite to the filing of any lawsuit over such issue(s). The parties shall share the mediator's fee and any associated filing fee equally. Mediation shall be held in Camp or Titus County, Texas. Agreements reached in mediation shall be reduced to writing, and will be subject to the approval by the District's Board of Directors, signed by the Parties if approved by the Board of Directors, and, if signed, shall thereafter be enforceable as provided by the laws of the State of Texas.

Do you agree to these terms?

Yes, I Agree

**7
5** **Remedies Explanation of No Answer**

No response

7 6	Choice of Law The agreement between the Vendor and TIPS/ESC Region 8 and any addenda or other additions resulting from this procurement process, however described, shall be governed by, construed and enforced in accordance with the laws of the State of Texas, regardless of any conflict of laws principles. THIS DOES NOT APPLY to a vendor's agreement entered into with a TIPS Member, as the Member may be located outside Texas. Do you agree to these terms? <input type="text" value="Agreed"/>
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7 7	Venue, Jurisdiction and Service of Process Any proceeding, involving Region 8 ESC or TIPS, arising out of or relating to this procurement process or any contract issued by TIPS resulting from or any contemplated transaction shall be brought in a court of competent jurisdiction in Camp County, Texas and each of the parties irrevocably submits to the exclusive jurisdiction of said court in any such proceeding, waives any objection it may now or hereafter have to venue or to convenience of forum, agrees that all claims in respect of the Proceeding shall be heard and determined only in any such court, and agrees not to bring any proceeding arising out of or relating to this procurement process or any contract resulting from or any contemplated transaction in any other court. The parties agree that either or both of them may file a copy of this paragraph with any court as written evidence of the knowing, voluntary and freely bargained for agreement between the parties irrevocably to waive any objections to venue or to convenience of forum. Process in any Proceeding referred to in the first sentence of this Section may be served on any party anywhere in the world. Any dispute resolution process other than litigation shall have venue in Camp County or Titus County Texas. Do you agree to these terms? <input type="text" value="Agreed"/>
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7 8	Alternative Dispute Resolution Explanation of No Answer <input type="text" value="No response"/>
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7 9	Infringement(s) The successful vendor will be expected to indemnify and hold harmless the TIPS and its employees, officers, agents, representatives, contractors, assignees and designees from any and all third party claims and judgments involving infringement of patent, copyright, trade secrets, trade or service marks, and any other intellectual or intangible property rights attributed to or claims based on the Vendor's proposal or Vendor's performance of contracts awarded and approved. Do you agree to these terms? <input type="text" value="Yes, I Agree"/>
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8 0	Infringement(s) Explanation of No Answer <input type="text" value="No response"/>
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8 1	Acts or Omissions The successful vendor will be expected to indemnify and hold harmless the TIPS, its officers, employees, agents, representatives, contractors, assignees and designees from and against any and all liability, actions, claims, demands or suits, and all related costs, attorney's fees and expenses arising out of, or resulting from any acts or omissions of the vendor or its agents, employees, subcontractors, or suppliers in the execution or performance of any agreements ultimately made by TIPS and the vendor. Do you agree to these terms? <input type="text" value="Yes, I Agree"/>
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2 **Acts or Omissions Explanation of No Answer**

No response

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3 **Contract Governance**

Any contract made or entered into by the TIPS is subject to and is to be governed by Section 271.151 et seq, Tex Loc Gov't Code. Otherwise, TIPS does not waive its governmental immunities from suit or liability except to the extent expressly waived by other applicable laws in clear and unambiguous language.

Yes, I Agree (Yes)

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4 **Payment Terms and Funding Out Clause**

Payment Terms:

TIPS or TIPS members shall not be liable for interest or late payment fees on past due balances at a rate higher than permitted by the laws or regulations of the jurisdiction of the TIPS Member.

Funding Out Clause:

Vendor agrees to abide by the laws and regulations, including Texas Local Government Code § 271.903, or any statutory or regulatory limitations of the jurisdiction of any TIPS Member which governs contracts entered into by the Vendor and TIPS or a TIPS Member that requires all contracts approved by TIPS or a TIPS Member are subject to the budgeting and appropriation of currently available funds by the entity or its governing body.

See statute(s) for specifics or consult your legal counsel.

Not a negotiable term. Failure to agree will render your proposal non-responsive and it will not be considered.

Do you agree to these terms?

Yes, I Agree (Yes)

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5 **Insurance and Fingerprint Requirements Information**

Insurance

If applicable and your staff will be on TIPS member premises for delivery, training or installation etc. and/or with an automobile, you must carry automobile insurance as required by law. You may be asked to provide proof of insurance.

Fingerprint

It is possible that a vendor may be subject to Chapter 22 of the Texas Education Code. The Texas Education Code, Chapter 22, Section 22.0834 & 22.08341. Statutory language may be found at: <http://www.statutes.legis.state.tx.us/>

If the vendor has staff that meet both of these criterion:

- (1) will have continuing duties related to the contracted services; and
- (2) has or will have direct contact with students

Then you have "covered" employees for purposes of completing the attached form.

TIPS recommends all vendors consult their legal counsel for guidance in compliance with this law. If you have questions on how to comply, see below. If you have questions on compliance with this code section, contact the Texas Department of Public Safety Non-Criminal Justice Unit, Access and Dissemination Bureau, FAST-FACT at NCJU@txdps.state.tx.us and you should send an email identifying you as a contractor to a Texas Independent School District or ESC Region 8 and TIPS. Texas DPS phone number is (512) 424-2474.

See form in the next attribute to complete entitled:
Texas Education Code Chapter 22 Contractor Certification for Contractor Employees

Texas Education Code Chapter 22 Contractor Certification for Contractor Employees

Introduction: Texas Education Code Chapter 22 requires entities that contract with school districts to provide services to obtain criminal history record information regarding covered employees. Contractors must certify to the district that they have complied. Covered employees with disqualifying criminal histories are prohibited from serving at a school district.

Definitions: Covered employees: Employees of a contractor or subcontractor who have or will have continuing duties related to the service to be performed at the District and have or will have direct contact with students. The District will be the final arbiter of what constitutes direct contact with students. Disqualifying criminal history: Any conviction or other criminal history information designated by the District, or one of the following offenses, if at the time of the offense, the victim was under 18 or enrolled in a public school:

(a) a felony offense under Title 5, Texas Penal Code; (b) an offense for which a defendant is required to register as a sex offender under Chapter 62, Texas Code of Criminal Procedure; or (c) an equivalent offense under federal law or the laws of another state.

I certify that:

NONE (Section A) of the employees of Contractor and any subcontractors are covered employees, as defined above. If this box is checked, I further certify that Contractor has taken precautions or imposed conditions to ensure that the employees of Contractor and any subcontractor will not become covered employees. Contractor will maintain these precautions or conditions throughout the time the contracted services are provided.

OR

SOME (Section B) or all of the employees of Contractor and any subcontractor are covered employees. If this box is checked, I further certify that:

(1) Contractor has obtained all required criminal history record information regarding its covered employees. None of the covered employees has a disqualifying criminal history.

(2) If Contractor receives information that a covered employee subsequently has a reported criminal history, Contractor will immediately remove the covered employee from contract duties and notify the District in writing within 3 business days.

(3) Upon request, Contractor will provide the District with the name and any other requested information of covered employees so that the District may obtain criminal history record information on the covered employees.

(4) If the District objects to the assignment of a covered employee on the basis of the covered employee's criminal history record information, Contractor agrees to discontinue using that covered employee to provide services at the District.

Noncompliance or misrepresentation regarding this certification may be grounds for contract termination.

None

8 **Texas Business and Commerce Code § 272 Requirements as of 9-1-2017**

7 SB 807 prohibits construction contracts to have provisions requiring the contract to be subject to the laws of another state, to be required to litigate the contract in another state, or to require arbitration in another state. A contract with such provisions is voidable. Under this new statute, a "construction contract" includes contracts, subcontracts, or agreements with (among others) architects, engineers, contractors, construction managers, equipment lessors, or materials suppliers. "Construction contracts" are for the design, construction, alteration, renovation, remodeling, or repair of any building or improvement to real property, or for furnishing materials or equipment for the project. The term also includes moving, demolition, or excavation. BY RESPONDING TO THIS SOLICITATION, AND WHEN APPLICABLE, THE PROPOSER AGREES TO COMPLY WITH THE TEXAS BUSINESS AND COMMERCE CODE § 272 WHEN EXECUTING CONTRACTS WITH TIPS MEMBERS THAT ARE TEXAS GOVERNMENT ENTITIES.

8 **Texas Government Code 2270 & 2270 Verification Form**

8 Texas Government Code 2270 & 2271 Verification Form
If (a) Vendor is not a sole proprietorship; (b) Vendor has ten (10) or more full-time employees; and (c) this Agreement has a value of \$100,000 or more, the following certification shall apply; otherwise, this certification is not required. Pursuant to Chapter 2271 of the Texas Government Code, the Vendor hereby certifies and verifies that neither the Vendor, nor any affiliate, subsidiary, or parent company of the Vendor, if any (the "Vendor Companies"), boycotts Israel, and the Vendor agrees that the Vendor and Vendor Companies will not boycott Israel during the term of this Agreement. For purposes of this Agreement, the term "boycott" shall mean and include refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes.
Our entity further certifies that it is is not listed on and we do not do business with companies prohibited by Texas Government Code 2270 or that are on the Texas Comptroller of Public Accounts list of Designated Foreign Terrorists Organizations per Texas Gov't Code 2270.0153 found at <https://comptroller.texas.gov/purchasing/docs/foreign-terrorist.pdf>
I swear and affirm that the above is true and correct.

YES

8 **Logos and other company marks**

9 Please upload your company logo to be added to your individual profile page on the TIPS website. If any particular specifications are required for use of your company logo, please upload that information under the "Logo and Other Company Marks" section under the "Response Attachment" tab. Preferred Logo Format: 300 x 225 px - .png, .eps, .jpeg preferred

Potential uses of company logo:

- * Your Vendor Profile Page of TIPS website
- * Potentially on TIPS website scroll bar for Top Performing Vendors
- * TIPS Quarterly eNewsletter sent to TIPS Members
- * Co-branding Flyers and or email blasts to our TIPS Members (Permission and approval will be obtained before publishing)

9 0	Solicitation Deviation/Compliance Does the vendor agree with the General Conditions Standard Terms and Conditions or Item Specifications listed in this proposal invitation? <input type="text" value="Yes"/>
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9 1	Solicitation Exceptions/Deviations Explanation If the bidder intends to deviate from the General Conditions Standard Terms and Conditions or Item Specifications listed in this proposal invitation, all such deviations must be listed on this attribute, with complete and detailed conditions and information included or attached. TIPS will consider any deviations in its proposal award decisions, and TIPS reserves the right to accept or reject any bid based upon any deviations indicated below or in any attachments or inclusions. In the absence of any deviation entry on this attribute, the proposer assures TIPS of their full compliance with the Standard Terms and Conditions, Item Specifications, and all other information contained in this Solicitation. <input type="text" value="No response"/>
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9 2	Agreement Deviation/Compliance Does the vendor agree with the language in the Vendor Agreement? <input type="text" value="Yes"/>
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9 3	Agreement Exceptions/Deviations Explanation If the proposing Vendor desires to deviate from the Vendor Agreement language, all such deviations must be listed on this attribute, with complete and detailed conditions and information included. TIPS will consider any deviations in its proposal award decisions, and TIPS reserves the right to accept or reject any proposal based upon any deviations indicated below. In the absence of any deviation entry on this attribute, the proposer assures TIPS of their full compliance with the Vendor Agreement. <input type="text" value="No response"/>
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9 4	Long Term Cost Evaluation Criterion on PART 1 EVALUATION ONLY READ CAREFULLY and see in the RFP document under "Proposal Scoring and Evaluation". Points will be assigned to this criterion based on your answer to this Attribute. Points are awarded if you agree not increase your catalog prices (as defined herein) more than X% annually over the previous year for the life of the contract, unless an exigent circumstance exists in the marketplace and the excess price increase which exceeds X% annually is supported by documentation provided by you and your suppliers and shared with TIPS, if requested. If you agree NOT to increase prices more than 5%, except when justified by supporting documentation, you are awarded 10 points; if 6% to 14%, except when justified by supporting documentation, you receive 1 to 9 points incrementally. Price increases 14% or greater, except when justified by supporting documentation, receive 0 points. <input type="text" value="price increases will be < 5% annually per question"/>
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Felony Conviction Notice

Texas Education Code, Section 44.034, Notification of Criminal History, Subsection (a), states “a person or business entity that enters into a contract with a school district must give advance notice to the district if the person or an owner or operator of the business entity has been convicted of a felony. The notice must include a general description of the conduct resulting in the conviction of a felony.” Subsection (b) states “a school district may terminate a contract with a person or business entity if the district determines that the person or business entity failed to give notice as required by Subsection (a) or misrepresented the conduct resulting in the conviction. The district must compensate the person or business entity for services performed before the termination of the contract.” (c) This section does not apply to a publicly held corporation. The person completing this proposal certifies that they are authorized to provide the answer to this question.

Select A., B. or C.

A. My firm is a publicly held corporation; therefore, this reporting requirement is not applicable.

OR B. My firm is not owned nor operated by anyone who has been convicted of a felony, OR

C. My firm is owned or operated by the following individual(s) who has/have been convicted of a felony. (if you answer C below, you are required to provide information in the next attribute.

B. Firm not owned nor operated by felon; per above

9
6

If you answered C. My Firm is owned or operated by a felon to the previous question, you are REQUIRED TO ANSWER THE FOLLOWING QUESTIONS.

If you answered C. My Firm is owned or operated by a felon to the previous question, you must provide the following information.

1. Name of Felon(s)
2. The named person's role in the firm, and
3. Details of Conviction(s).

No response

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7

Required Confidentiality Claim Form

Required Confidentiality Claim Form

This completed form is required by TIPS. By submitting a response to this solicitation you agree to download from the “Attachments” section, complete according to the instructions on the form, then upload the completed form, with any confidential attachments, if applicable, to the “Response Attachments” section titled “Confidentiality Form” in order to provide to TIPS the completed form titled, “CONFIDENTIALITY CLAIM FORM”. **THIS REQUIRED PROCESS IS THE ONLY WAY TO DEEM PROPOSAL DOCUMENTATION CONFIDENTIAL ANY OTHER CONFIDENTIAL DESIGNATION WILL BE DISREGARDED UNLESS THE DOCUMENT IS IDENTIFIED BY AND ATTACHED TO THE REQUIRED FORM.** By completing this process, you provide us with the information we require to comply with the open record laws of the State of Texas as they may apply to your proposal submission. If you do not provide the form with your proposal, an award will not be made if your proposal is qualified for an award, until TIPS has an accurate, completed form from you.

Read the form carefully before completing and if you have any questions, email bids@tips-usa.com.

9
8

Choice of Law clauses for TIPS Members

If the vendor is awarded a contract with TIPS under this solicitation, the vendor agrees to make any Choice of Law clauses in any contract or agreement entered into between the awarded vendor and with a TIPS member entity to read as follows: "Choice of law shall be the laws of the state where the customer resides" or words to that effect.

Agreed

99

Venue of dispute resolution with a TIPS Member

In the event of litigation or use of any dispute resolution model when resolving disputes with a TIPS member entity as a result of a transaction between the vendor and TIPS or the TIPS member entity, the Venue for any litigation or other agreed upon model shall be in the state and county where the customer resides unless otherwise agreed by the parties at the time the dispute resolution model is decided by the parties.

100

Indemnity Limitation with TIPS Members

Texas and other states restrict by law or state Constitution the ability of a governmental entity to indemnify others. TIPS requires that any contract entered into between a vendor and TIPS or a TIPS Member as a result of an award under this Solicitation limit the requirement that the Customer indemnify the Vendor by either eliminating any such indemnity requirement clauses in any agreements, contracts or other binding documents **OR** by prefacing all indemnity clauses required of TIPS or the TIPS Member entity with the following: "To the extent permitted by the laws or the Constitution of the state where the customer resides, ".

Agreement is a required condition to award of a contract resulting from this Solicitation.

101

Arbitration Clauses

Except for certain circumstances, TIPS forbids a mandatory arbitration clause in any contract or agreement entered into between the awarded vendor with TIPS or a TIPS member entity. Does the vendor agree to exclude any arbitration requirement in any contracts or agreement entered into between TIPS or a TIPS member entity through an awarded contract with TIPS?

Agreement is a required condition to award of a contract resulting from this Solicitation.

102

Upload of Current W-9 Required

Please note that you are required by TIPS to upload a current W-9 Internal Revenue Service (IRS) Tax Form for your entity. This form will be utilized by TIPS to properly identify your entity.

Required Confidential Information Status Form

Mountain Technology Resources, Inc.

Name of company

Scott R Holcomb Secretary

Printed Name and Title of authorized company officer declaring below the confidential status of material

7000 Erbacon Rd.	Erbacon	WV	26203	304-915-2045
Address	City	State	ZIP	Phone

ALL VENDORS MUST COMPLETE THE ABOVE SECTION

CONFIDENTIAL INFORMATION SUBMITTED IN RESPONSE TO COMPETITIVE PROCUREMENT REQUESTS OF EDUCATION SERVICE CENTER REGION 8 AND TIPS (ESC8) IS GOVERNED BY TEXAS GOVERNMENT CODE, CHAPTER 552

If you consider any portion of your proposal to be confidential information and not subject to public disclosure pursuant to Chapter 552 Texas Gov't Code or other law(s), **you must attach a copy of all claimed confidential materials within your proposal and put this COMPLETED form as a cover sheet to said materials then scan, name "CONFIDENTIAL" and upload with your proposal submission.** (You must include all the confidential information in the submitted proposal. The copy uploaded is to indicate which material in your proposal, if any, you deem confidential in the event the receives a Public Information Request.) ESC8 and TIPS will follow procedures of controlling statute(s) regarding any claim of confidentiality and shall not be liable for any release of information required by law. Upon your claim and your defense to the Office of Texas Attorney General is required to make the final determination whether the information submitted by you and held by ESC8 and TIPS is confidential and exempt from public disclosure.

ALL VENDORS MUST COMPLETE ONE OF THE TWO OPTIONS BELOW.

OPTION 1:

I DO CLAIM parts of my proposal to be confidential and DO NOT desire to expressly waive a claim of confidentiality of all information contained within our response to the solicitation. The attached contains material from our proposal that I classify and deem confidential under Texas Gov't Code Sec. 552 or other law(s) and I invoke my statutory rights to confidential treatment of the enclosed materials.

IF CLAIMING PARTS OF YOUR PROPOSAL CONFIDENTIAL, YOU MUST ATTACH THE SHEETS TO THIS FORM AND LIST THE NUMBER OF TOTAL PAGES THAT ARE CONFIDENTIAL.

ATTACHED ARE COPIES OF _____ PAGES OF CLAIMED CONFIDENTIAL MATERIAL FROM OUR PROPOSAL THAT WE DEEM TO BE NOT PUBLIC INFORMATION AND WILL DEFEND THAT CLAIM TO THE TEXAS ATTORNEY GENERAL IF REQUESTED WHEN A PUBLIC INFORMATION REQUEST IS MADE FOR OUR PROPOSAL.

Signature _____ Date _____

OR

OPTION 2:

I DO NOT CLAIM any of my proposal to be confidential, complete the section below.

Express Waiver: I desire to expressly waive any claim of confidentiality as to any and all information contained within our response to the competitive procurement process (e.g. RFP, CSP, Bid, RFQ, etc.) by completing the following and submitting this sheet with our response to Education Service Center Region 8 and TIPS.

Signature Scott R. Holcomb Date 06/27/21

July 14, 2021

To Whom It May Concern;

Re: File #72382703 - Mountain Technology Resources, Inc.
Letter of Bondability
Company Code: 601 - Western Surety Company

We are aware that the above mentioned contractor will be bidding on a contract with you.

It is our intention to provide bonds for single jobs up to \$400,000 or an aggregate amount up to \$400,000 on the following conditions: favorable review of bid results, contracts, and bond forms acceptable to Western Surety Company, a subsidiary of CNA Surety.

Any arrangement for surety credit is a matter between the contractor and our Company. We assume no liability to you or third parties, if for any reason we do not execute this bond.

If you have any questions, please contact our office.

Sincerely,



Mitchell Irons
Underwriter

MI:

The Trusted Authority for K-12 Schools

K-12 Schools Benefits:

- Enhances student and faculty performance
- Reduces absenteeism
- Promotes efficient performance of HVAC equipment with less maintenance
- Extends equipment lifecycles

Lumalier is dedicated to providing UVC products that contribute to improving environmental conditions in K-12 schools for the students, teachers, and administrators. The use of UVC improves indoor environments and contributes to enhanced student and teacher productivity and reduced absenteeism. It also promotes efficient performance of HVAC equipment with less maintenance and extends equipment lifecycles.

There are many different areas within a K-12 environment — each with its own unique challenge and solution for the best result in pathogen reduction.

- Cafeterias
- Hallways
- Athletic facilities
- Classrooms
- Administrative buildings
- Nurses offices

UVC Solutions

Types of disinfection incorporating UVC energy include:

- In-AHU and In-Duct disinfection
- Upper-room/upper-air UVGI
- Surface/room decontamination

Challenges: K-12 Schools

- **Poor indoor air quality (IAQ), which impacts student and teacher performance and attendance.**
 - **Spread of infectious agents.**
 - **High energy and maintenance costs.**
-





UVC Disinfection Products for K-12 Schools

UVC for IAQ and Energy Efficiency In AHU and In Duct UV Fixtures

In-AHU and In-Duct UV fixtures, such as the Lumalier AR Series UVC Fixtures, are installed inside ventilation systems to provide high-level, facility-wide disinfection of the airborne infectious pathogens that can cause respiratory sickness, disease, and infection. In-AHU and In-Duct fixtures are scalable to fit any size air handler unit (AHU).

- Achieves the greatest square foot coverage at the lowest cost.
- Uses the existing ventilation system to disinfect and distribute air.
- Eliminates biological growth on coils and in the drain pan that can cause coil fouling, odors, and premature failure of air conditioning equipment.
- Provides facilities with an ROI benefit with reduced energy consumption and maintenance.

UVC for IAQ Upper-Air UV Fixtures

Upper-air UV fixtures are engineered to provide very targeted airborne pathogen reduction in high-risk areas.

- Installation applications include lobbies in administrative buildings, classrooms, hallways, cafeterias, libraries, etc.
- Units are available for high or low ceilings and for any square footage.
- Units can be permanently or temporarily installed for flexible space uses.
- Natural convection-currents create repeated air disinfection within defined spaces. Fan assisted models are available.

UVC for Risk Management Surface Disinfection

Surface disinfection UV fixtures are engineered for high-level disinfection of contaminated surfaces that can spread infection.

- Portable units are ideal for temporary disinfection of floors, desks, and table surfaces after any “student discharge event” (blood, vomit, diarrhea, etc.).
- Ideal for classrooms, cafeterias, or any area where contaminated surfaces can spread sickness.
- Recommended for treatment of difficult-to-disinfect surfaces, such as keyboards, monitors, lab and cafeteria equipment.
- Surface disinfection units are available in both fixed and portable options.

January 2021

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The Trusted Authority for Universities & Colleges

University Benefits:

- Improved health & human wellness
- Reduced absenteeism and increased performance of students and faculty
- Reduced pathogens to mitigate risk of outbreaks
- Delivered performance-based solutions
- Increased energy efficiency
- Reduced maintenance costs

Lumalier is dedicated to providing UVC products that contribute to improving environmental conditions in universities and other educational facilities for the students, faculty, and administrators. The use of UVC improves indoor environments and contributes to enhanced student and faculty productivity and reduced absenteeism. It also promotes efficient performance of HVAC equipment with less maintenance and extends equipment lifecycles.

Achieving the best results in pathogen reduction starts with identifying the specific challenges in the different university environments:

- Dorms
- Cafeterias
- Athletic facilities
- Classrooms & lecture halls
- Administrative buildings

UVC Solutions

Types of disinfection incorporating UVC energy include:

- In-AHU and In-Duct disinfection
- Upper-room/upper-air UVGI
- Surface/room decontamination

Challenges: Universities

- Poor indoor air quality (IAQ), which impacts student and faculty performance and attendance.
 - Spread of infectious agents.
 - High energy and maintenance costs.
-





UVC Disinfection Products for Universities

UVC for IAQ and Energy Efficiency In AHU and In Duct UV Fixtures

In-AHU and In-duct UV fixtures, such as the Lumalier AR Series UVC Fixtures, are installed inside ventilation systems to provide high-level, facility-wide disinfection of the airborne infectious pathogens that can cause respiratory sickness, disease, and infection. In-AHU and In-Duct fixtures are scalable to fit any size air handler unit (AHU).

- Achieves the greatest square foot coverage at the lowest cost.
- Uses the existing ventilation system to disinfect and distribute air.
- Eliminates biological growth on coils and in the drain pan that can cause coil fouling, odors, and premature failure of air conditioning equipment.
- Provides facilities with an ROI benefit with reduced energy consumption and maintenance.

UVC for IAQ Upper-Air UV Fixtures

Upper-air UV fixtures are engineered to provide very targeted airborne pathogen reduction in high-risk areas.

- Installation applications include lobbies in administrative buildings, classrooms and lecture halls, hallways, cafeterias, libraries, etc.
- Units are available for high or low ceilings and for any square footage.
- Units can be permanently or temporarily installed for flexible space uses.
- Natural convection-currents create repeated air disinfection within defined spaces. Fan assisted models are available.

UVC for Risk Management Surface Disinfection

Surface disinfection UV fixtures are engineered for high-level disinfection of contaminated surfaces that can spread infection.

- Appropriate for temporary disinfection of floors, desks, and table surfaces that have been contaminated.
- Ideal for treatment of difficult-to-disinfect surfaces, such as keyboards, monitors, lab and cafeteria equipment.
- Surface disinfection units are available in both fixed and portable options.

January 2021

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The Trusted Authority for Energy Efficiency

Energy Efficiency Benefits:

- Reduces energy consumption
- Extends equipment lifecycles
- Eliminates the need for chemical coil cleaning

The ECO Solution (Environmental Coil Optimization)

Environmental Coil Optimization destroys the insulating biofilm to 'release' dirt and debris that contribute to coil fouling. Coil optimization returns the Air Handling Unit (AHU) to as-new specification to help achieve the benefits listed by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), while providing substantial and immediate energy efficiency that results in rapid ROI payback.

UVC Solutions

Types of disinfection incorporating UVC energy include:

- In-AHU and In-Duct air disinfection
- Upper-room/upper-air UVGI
- Surface/room decontamination

Challenges: Energy Efficiency

Problem: Facility managers struggle with maintaining HVAC units. Coil cleaning is often one of the most neglected maintenance requirements. To truly keep coils clean and performing to original specifications, coils may need to be cleaned four times per year (quarterly) which is expensive, labor and chemical intensive, and unrealistic.

Solution: Lumalier's In-AHU and In-Duct UV fixtures are specifically engineered for the ideal treatment of coils, engineered and scaled specifically for the coil's exact height, width, and CFM of the HVAC system.





UVC Disinfection Products for Energy Efficiency

UVC for Indoor Air Quality (IAQ) and Energy Efficiency In AHU and In Duct UV Fixtures

In-AHU and In-Duct UV fixtures, such as the Lumalier AR Series UVC Fixtures, are installed inside ventilation systems. In addition to providing high-level, facility-wide disinfection of airborne infectious pathogens, these fixtures provide facilities with other important benefits.

- Eliminates biological growth on coils and in the drain pan that can cause coil fouling, odors, and premature failure of air conditioning equipment.
- Provides facilities with an ROI benefit with reduced energy consumption and maintenance.
- Achieves the greatest square foot coverage at the lowest cost.
- Uses the existing ventilation system to disinfect and distribute air.



AHU Benefits:

1. Eliminates all mold and biological growth on coil fins, drain pan, fan motor and surrounding plenum, and odors are eliminated.
2. Bio-free coils generate greater condensate volume and lower Relative Humidity (RH%) in the facility. Increased condensate properly removes debris as originally specified = cleaner coils and cleaner pans.
3. Delta-T and thermal efficiency restoration, static pressure reduction, improved air flow, reduced fan amperage draw = return to as-built specifications.
4. Energy savings = 8% to 20% / energy ROI = 1 to 4 years.
5. Keeps coils clean 24/7/365.

Maintenance Benefits:

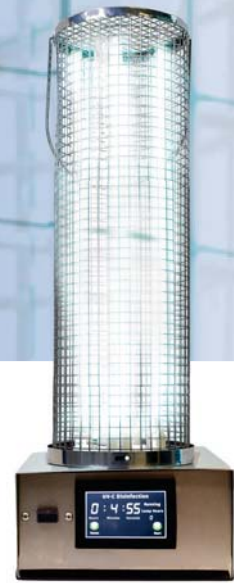
1. Eliminates need for chemical coil cleaning = labor and chemical savings.
2. Eliminates need for pan pills or odor pills in pans or plenums.
3. More efficient system = fewer service issues. Lifecycle of AHU extended by approximately 2 years.

Installation applications include:

- Healthcare
- Office Buildings
- Universities
- K-12 Schools
- Correctional Facilities
- Food Manufacturing

January 2021

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EDU (Emergency Disinfection) Series

SURFACE DISINFECTION UVC FIXTURES

Portable surface disinfection units are ideal for facilities that need emergency response UVC disinfection fixtures.

The EDU-435 and EDU-495 UVC units are high-output, mobile, surface and air disinfection portable fixtures for unoccupied spaces. These units can be used for emergency response for discharge events or for regular cleanings. Benefits include:

- Offers a solution for difficult-to-disinfect surfaces, such as keyboards, monitors, lab and cafeteria equipment
- Disinfects contaminated surfaces that can spread sickness
- Provides temporary disinfection of floors, desks, and table surfaces after any “discharge event”

Models

The EDU series models include the EDU-435, which has four 35W 9” lamps, and the EDU-495 (shown above), which has four 95W 22” lamps. Both models are grid-protected fixtures with handles and provide 360° portable disinfection for unoccupied spaces.

Units can be moved from room to room for quick disinfection.



Provides a solution for emergency response for discharge events or for regular cleanings.



Includes delayed start-timer and adjustable disinfection timer.



Enables everyday customers to achieve 99.9% cleaner surfaces in a matter of minutes.

EDU (Emergency Disinfection) Series

SURFACE DISINFECTION UVC FIXTURES

Standard Specifications

Lamp Specs	PL-L 35W, 95W TUV (non-proprietary)
Wavelength	254 Nanometers
Expected Lamp/ Bulb Rated Life ¹	9000 hours
Lamp Socket	Single Ended, 4 Pin, 2G11
Input Voltage	Self Regulated Electronic UV Ballast 120V
Standard	Touch-screen controls, motion sensors, delay timer, and run timer
Weight	EDU-435 - 16lbs EDU-495 - 18lbs
Housing Finish	Stainless Steel
Electrical Requirement	1.3A @ 120V to 0.56A @ 240V, 50-60Hz
Certifications:	
	
ASHRAE	meets ASHRAE TC 2.09
EPA ²	EST. NO. 91347-TN-001
ETL	CDR100230620ATL-001A
Warranty	Lamps/2 years; Parts/5 years

¹Philips Signify lamp warranty is 9,000 hours.

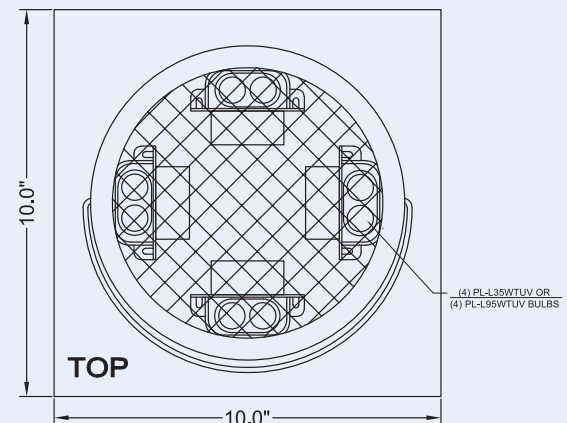
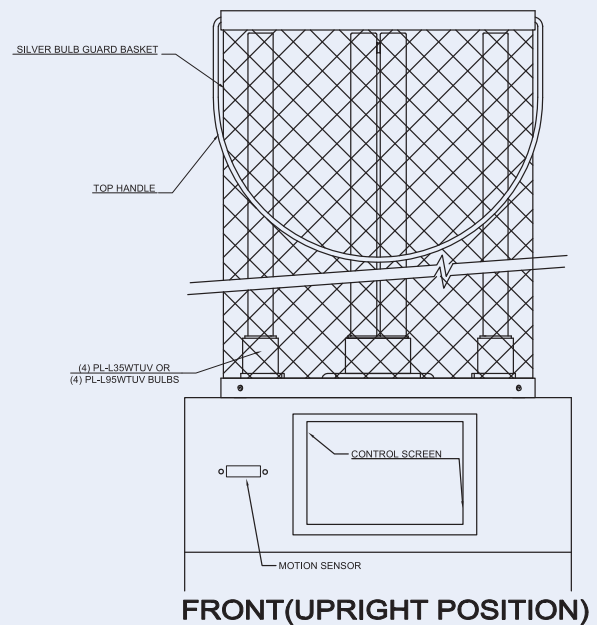
²The manufacturer is registered with the US EPA. Clinical lab testing has been performed in independent labs.

Ordering Guide

Model#	Description
EDU-435	Four 35W 9" lamps, 10"W x 10"D x 15"H, grid-protected fixture, with handle
EDU-495	Four 95W 22" lamps, 10"W x 10"D x 32"H, grid-protected fixture, with handle

EDU-435

See ordering details for additional models.



Common name	number of seconds to achieve 4-log (99.99%) reduction @ 100 sq. ft.		number of seconds to achieve 4-log (99.99%) reduction @ 400 sq. ft.		number of seconds to achieve 4-log (99.99%) reduction @ 900 sq. ft.	
	EDU-435	EDU-495	EDU-435	EDU-495	EDU-435	EDU-495
Strep	9	3	32	12	77	29
Pneumonia	12	5	45	17	107	42
Tuberculosis / TB	14	6	54	20	130	50
Coronavirus (MER, SARS, COVID-19)	18	7	68	25	163	63
Flu (A&B)	55	20	220	78	518	199
Staph / MRSA	58	21	230	82	546	210
Measles	62	23	245	89	582	225
Chicken Pox	62	23	245	89	582	226
Meningitis (Viral)	185	70	730	263	1730	665
Meningitis (Fungal)	800	289	3100	1130	7440	2860
C.diff	850	309	3400	1210	8000	3060
Meningitis (Bacterial)	1350	486	5200	1900	12500	4800

Due to continuing research, Lumalier reserves the right to change specifications without notice.



ADU (Vehicle Disinfection) Series

SURFACE DISINFECTION UVC FIXTURES

ADU surface and air disinfection fixed units are designed to be installed in the interior roof of vehicles for surface disinfection, pre- and post-transit of passengers. The unit must only be used while the vehicle is unoccupied.

- Ideal for ambulances, buses, transport vans, school buses, mobile grooming vehicles, mobile hospitals, and mobile blood-donor buses.
- Offers a solution for difficult-to-disinfect surfaces such as seats, floors, safety harnesses and seatbelts, and high-touch surfaces.
- Disinfects contaminated surfaces that can spread sickness.

Models

The ADU series fixtures use one 9", 16", or 22" lamp, depending on the model. All models are grid-protected fixtures and provide 360° portable disinfection for unoccupied spaces.

Units are designed for unobtrusive installation in vehicles.



Provides a solution for emergency response for discharge events or for regular cleanings.



Includes delayed start-timer and adjustable disinfection timer.



Enables everyday customers to achieve 99.9% cleaner surfaces in a matter of minutes.

ADU (Vehicle Disinfection) Series

SURFACE DISINFECTION UVC FIXTURES

Standard Specifications

Lamp Specs	PL-L35W, 36W, 60W, 95W (non-proprietary)
Wavelength	254 Nanometers
Expected Lamp/ Bulb Rated Life ¹	9000 hours
Lamp Socket	Single Ended, 4 Pin, 2G11
Input Voltage	12V to Door Switches & Control Box and 120V to Fixture
Electrical Requirement	Fixture Plus Control Box = 10 lbs.
Housing Finish	Aluminum
Warranty	Lamps/2 years; Parts/5 years

Certifications:



ASHRAE	meets ASHRAE TC 2.09
EPA ²	EST. NO. 91347-TN-001

Ordering Guide

Model#	Description
ADU-135	One 35W down-facing open lamp with protective grid, timers and door switch, germicidal disinfection, small area (ambulances).
ADU-136	One 36W down-facing open lamp with protective grid, timers and door switch, germicidal disinfection, small area (ambulances).
ADU-160	One 60W down-facing open lamp with protective grid, timers and door switch, germicidal disinfection, small area (ambulances).
ADU-195	One 95W down-facing open lamp with protective grid, timers and door switch, germicidal disinfection, small area (ambulances).

(Please specify with or without control box.)

¹Philips Signify lamp warranty is 9,000 hours.

²The manufacturer is registered with the US EPA. Clinical lab testing has been performed in independent labs.

Due to continuing research, Lumalier reserves the right to change specifications without notice.

Common Name	Pathogen	UVGI K m ² /J	μw/cm ²	UVC intensity in microwatts @60"	number of seconds to achieve 4-log reduction	% pathogen reduction	Number of minutes to achieve 4-log reduction at 60"
Strep	Streptococcus pyogenes	0.81100	0.00811	81μ / sec.	14	99.990	0.23
Pneumonia	Pseudomonas aeruginosa	0.57210	0.005721	81μ / sec.	20	99.991	0.33
Tuberculosis / TB	Mycobacterium Tuberculosis	0.47210	0.004721	81μ / sec.	24	99.990	0.40
Coronavirus	Coronavirus	0.37700	0.00377	81μ / sec.	31	99.992	0.52
Flu	Influenza A & B	0.11900	0.00119	81μ / sec.	96	99.990	1.60
Staph / MRSA	Staphylococcus aureus	0.11300	0.00113	81μ / sec.	101	99.990	1.68
Measles	Measles Virus	0.10510	0.001051	81μ / sec.	108	99.990	1.80
Chicken Pox	Varicella Zoster	0.10500	0.00105	81μ / sec.	108	99.990	1.80
Meningitis (Viral)	Enterovirus (most common)	0.03550	0.000355	81μ / sec.	320	99.990	5.33
Meningitis (Fungal)	Cryptococcus neoformans (most common)	0.00822	0.0000822	81μ / sec.	1380	99.990	23.00
C.diff	Clostridium difficile	0.00770	0.000077	81μ / sec.	1480	99.990	24.67
Meningitis (Bacterial)	Streptococcus Pneumoniae (most common)	0.00492	0.0000492	81μ / sec.	2320	99.990	38.67



2x2 Upper Air UVC FIXTURES

Advanced engineering is a priority at Lumalier. Our 2x2 upper air UVC units combine dynamic and passive UVC disinfection for high-risk areas.

Other benefits include:

- Disinfects air continuously in occupied spaces.
- Provides 360 degree coverage within the space.
- Blends in with the ceiling - aesthetically designed.

Directional UVC

- Louver assembly, color options available.
- Disinfected & deodorized air exits here.
- UV beam also exits out to disinfect upper-room air.



Applications

- Lobbies
- Waiting areas
- Payment/help counters
- Classrooms
- Offices

Combines dynamic and passive UV-C disinfection for high-risk areas.



Designed to install into a suspended ceiling grid T-bar system, flush mounted to ceiling (hardwired), or cable-suspended.



Works 24/7 to keep air free and clear of airborne contaminants.




Neutralizes and eliminates the infectious airborne pathogens that cause respiratory illness and disease.

Lumalier 2x2 Upper Air UVC Fixtures don't produce ozone. UVC technology is endorsed by the EPA, ASHRAE, FEMA, the CDC, and many other health organizations.

2x2 Upper Air

UVC FIXTURES

Standard Specifications

Lamp Specs	35W TUV (non-proprietary)	
Wavelength	254 Nanometers	
Expected Lamp/ Bulb Rated Life ¹	18 months	
Lamp Socket	Single Ended, 4 Pin, 2G11	
Lamp Qty.	4 x 35W UVC High Output Lamps	
Input Voltage	Self Regulating Ballast from 120V to 277V	
Coverage	800-1,200 sq. ft	
Standard	Diffuser Top Hat	
Weight	20 lbs.	
Housing Finish	Stainless or Powder Coated Black or White (Contact Us for Additional Custom Color Options)	
Electrical Requirement	1.3A @ 120V to 0.56A @ 277V, 50-60Hz	
Certifications:		
	ASHRAE	meets ASHRAE TC 2.09
	EPA ²	EST. NO. 91347-TN-001
	ETL	CDR100230620ATL-001A
Warranty	Lamps/2 years; Parts/5 years	

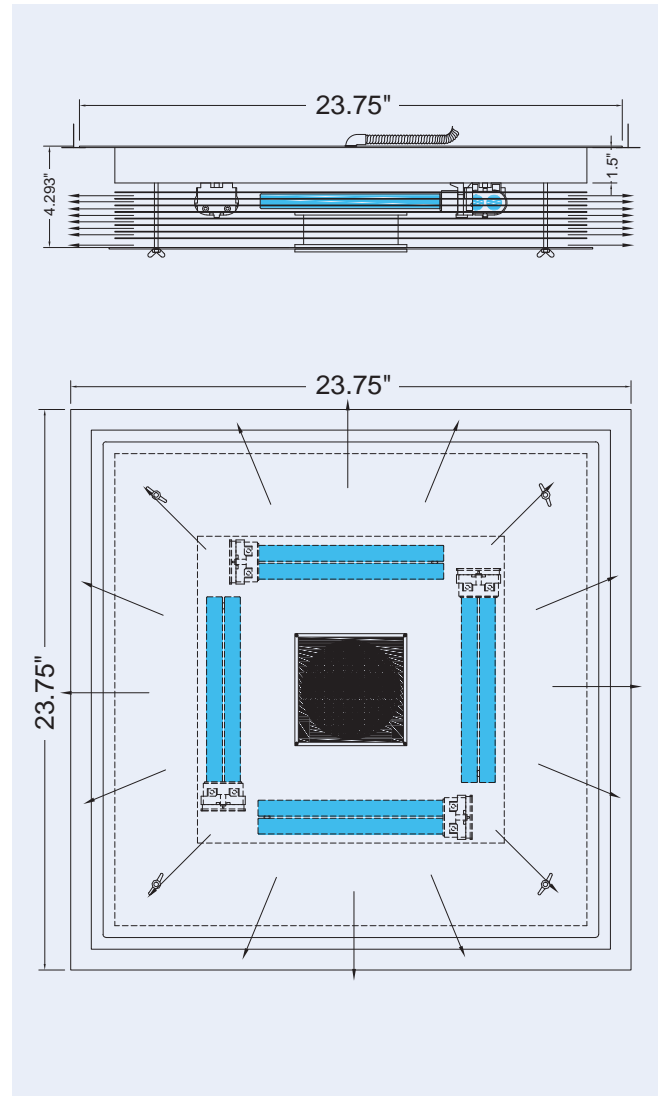
Ordering Guide

Model#	Description
CDU-435	2x2 drop-ceiling or optional top-hat opening for duct connection, 360 degree light field, ceiling height 8' +

¹With 80% utilization

²The manufacturer is registered with the US EPA. Clinical lab testing has been performed in independent labs.

Due to continuing research, Lumalier reserves the right to change specifications without notice.





AR Series

IN AHU AND IN DUCT UVC FIXTURES

Our commercial AR series UVC fixtures are designed for effective coil cleaning and improved indoor air quality (IAQ) in any type of AHU system and are prewired at the factory for code compliance and easy install. The fixtures are constructed to be amazingly durable, scalable to custom fit any AHU, and are engineered with non-proprietary lamps and ballasts.

Features

- **‘Boxed I-beam’ Aluminum Unistrut Extrusion Construction**
Horizontal and vertical adjustable support and lamp structures are rated to support more than 2000 lb. / in².
- **Water-proof Electrical Quick-connects**
Metal-clad, three-pin modular quick-connects permit fast, easy, installation of any size AR fixture.
- **Metal-clad Wiring and Connectors**
No wire coverings, rubber, plastic, or other degradable within the AHU; meets all local, state and national codes.
- **Magnetic ‘Proximity’ Door Switches**
Magnetic proximity door switches are guaranteed to switch 10,000,000 times to eliminate installation adjustments and service call-back costs.
- **Accessible Ballasts**
Philips / Advance electronic UVC ballasts mount directly to the Unistrut to reduce heat, improve product life, and are enclosed in an easily removable ballast cover for simple maintenance.

Works invisibly within existing HVAC systems to create a safe, comfortable, germ-free indoor environment.



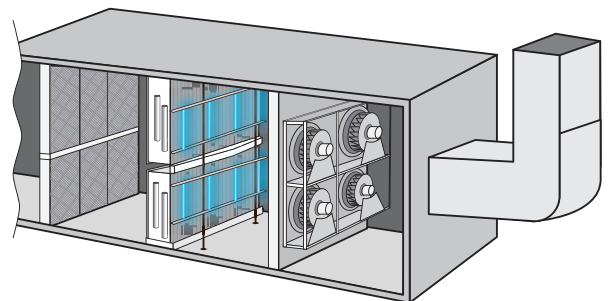
Slide-out fixture option for modular AHUs; removable option for modular AHUs, provides fast, simple, tool-less options for easy maintenance and lamp replacement.



Works 24/7 to keep air free and clear of airborne contaminants.



Neutralizes and eliminates the infectious airborne pathogens that cause respiratory illness and disease.



AR Series

IN AHU AND IN DUCT UVC FIXTURES

Product Specifications

Standard Specifications

Lamp Specs	PL-L 60W, 95W TUV (non proprietary)
Wavelength	254 Nanometers
Expected Lamp/Bulb Rated Life ¹	18 months
Lamp Socket	Single Ended, 4 Pin, 2G11
Input Voltage	Self Regulated Electronic UV Ballast 120V to 277V
Electrical Requirement	Varies by Model
Housing Finish	Aluminum

Certifications:



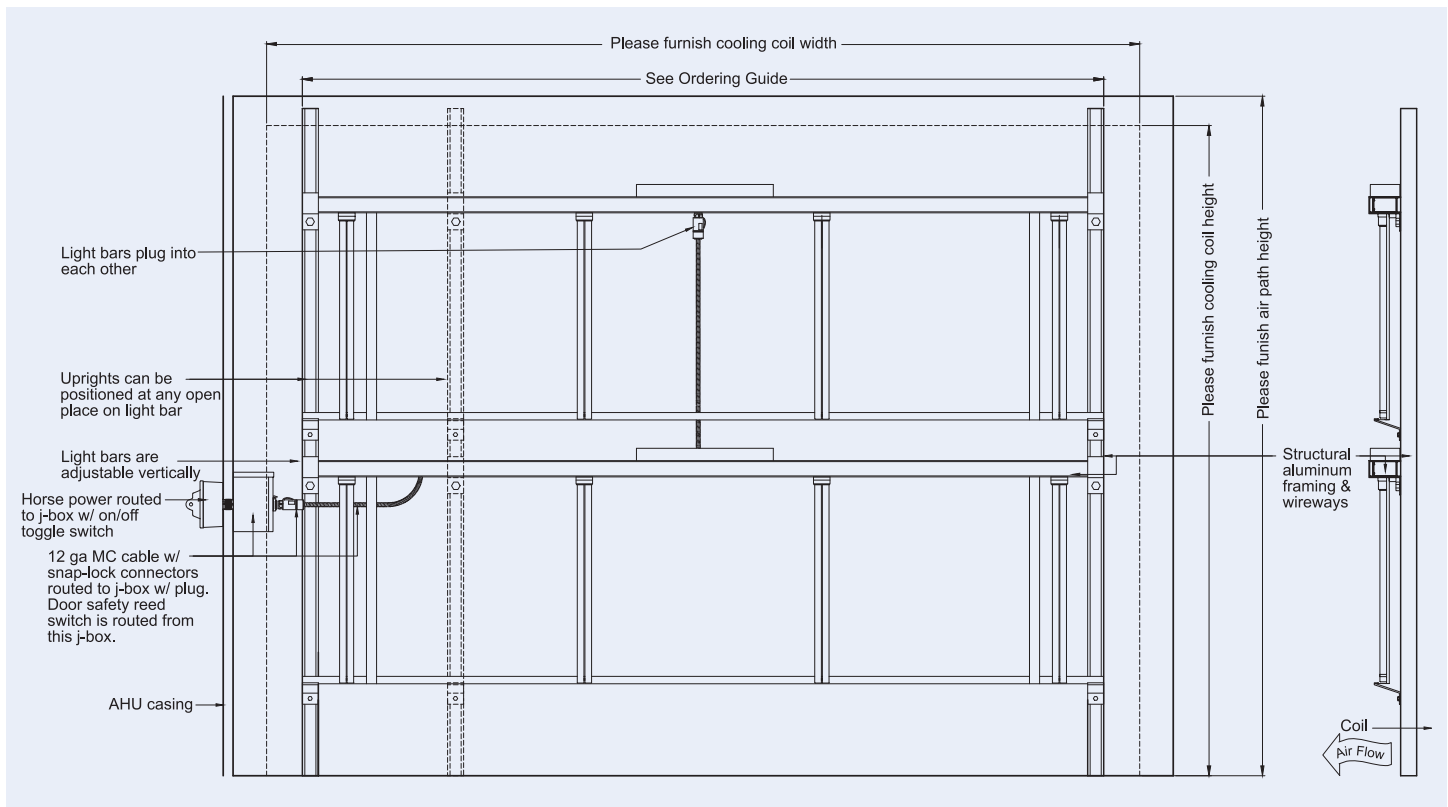
ASHRAE	meets ASHRAE TC 2.09
EPA ²	EST. NO. 91347-TN-001
ETL	CDR100230620ATL-001A

Warranty

Lamps/2 years; Parts/5 years

¹With 80% utilization

²The manufacturer is registered with the US EPA. Clinical lab testing has been performed in independent labs.



AR Series

COMMERCIAL IN DUCT UVC FIXTURES

Sizing Guide

Effective February 1st, 2021

99%* disinfection rate		DUCT WIDTH								
		24"-40"	41"-55"	56"-70"	71"-85"	86"-100"	101"-115"	116"-130"	131"-145"	146"-160"
DUCT HEIGHT	28"-59"	1x2	1x3	1x4	1x5	1x6	1x7	1x8	1x9	1x10
	60"-99"	2x2	2x3	2x4	2x5	2x6	2x7	2x8	2x9	2x10
	100"-150"	3x2	3x3	3x4	3x5	3x6	3x7	3x8	3x9	3x10

Note: Number of Rows x Number of Lamps (Ex. 1x2 = 1 Row x 2 Lamps)

Ordering Guide

AR95- ADJUSTABLE IN DUCT RACK UVC RACK WITH 95 WATT UVC HO LAMP

Number of Rows Required (See sizing grid for correct number of rows)

1	ROW OF LAMPS
2	ROW OF LAMPS
3	ROW OF LAMPS

Number of Lamps Per Row (See sizing guide for correct number of lamps)

x2-15	TWO 95 WATT HIGH OUTPUT LAMPS WITH 15 INCH SPACING
x3-15	THREE 95 WATT HIGH OUTPUT LAMPS WITH 15 INCH SPACING
x4-15	FOUR 95 WATT HIGH OUTPUT LAMPS WITH 15 INCH SPACING
x5-15	FIVE 95 WATT HIGH OUTPUT LAMPS WITH 15 INCH SPACING
x6-15	SIX 95 WATT HIGH OUTPUT LAMPS WITH 15 INCH SPACING
x7-15	SEVEN 95 WATT HIGH OUTPUT LAMPS WITH 15 INCH SPACING
x8-15	EIGHTH 95 WATT HIGH OUTPUT LAMPS WITH 15 INCH SPACING
x9-15	NINE 95 WATT HIGH OUTPUT LAMPS WITH 15 INCH SPACING
x10-15	TEN 95 WATT HIGH OUTPUT LAMPS WITH 15 INCH SPACING

AR95- 2 x4-15 Adjustable Rack with four 95 watt high output bulbs, 2 rows of lamp bars, 4 lamps on each bar, with 15 inch lamp spacing on each bar

* Assumptions:

- 8 Feet of plenum length @ 500 FPM = one second of dwell (treatment) time. Adjust dwell time based on available plenum length. Ex/ 4 Feet @ 500 FPM = 1/2 second of dwell time
- Air moving at less than 500 FPM will improve performance.
- Reflectivity is not considered for the sizing guide. Call a Lumalier sales rep to discuss reflectivity variables.
- Disinfection rates will vary based on filtering and number of air passes.

AR Series

COMMERCIAL IN DUCT UVC FIXTURES

Sizing Guide

Effective February 1st, 2021

95%* disinfection rate		DUCT WIDTH				
		34"-57"	58"-81"	82"-109"	110"-133"	134"-160"
DUCT HEIGHT	28"-59"	1x2	1x3	1x4	1x5	1x6
	60"-99"	2x2	2x3	2x4	2x5	2x6
	100"-150"	3x2	3x3	3x4	3x5	3x6

Note: Number of Rows x Number of Lamps (Ex. 1x2 = 1 Row x 2 Lamps)

Ordering Guide

AR95-	ADJUSTABLE IN DUCT RACK UVC RACK WITH 95 WATT UVC HO LAMP	
	Number of Rows Required (See sizing grid for correct number of rows)	
	1	ROW OF LAMPS
	2	ROW OF LAMPS
	Number of Lamps Per Row (See sizing guide for correct number of lamps)	
	x2-24	TWO 95 WATT HIGH OUTPUT LAMPS WITH 24 INCH SPACING
	x3-24	THREE 95 WATT HIGH OUTPUT LAMPS WITH 24 INCH SPACING
	x4-24	FOUR 95 WATT HIGH OUTPUT LAMPS WITH 24 INCH SPACING
	x5-24	FIVE 95 WATT HIGH OUTPUT LAMPS WITH 24 INCH SPACING
	x6-24	SIX 95 WATT HIGH OUTPUT LAMPS WITH 24 INCH SPACING
AR95-	2	x3-24
		Adjustable Rack with three 95 watt high output bulbs, 2 rows of lamp bars, 3 lamps on each bar, with 24 inch lamp spacing on each bar

* Assumptions:

1. 8 Feet of plenum length @ 500 FPM = one second of dwell (treatment) time. Adjust dwell time based on available plenum length. Ex/ 4 Feet @ 500 FPM = 1/2 second of dwell time
2. Air moving at less than 500 FPM will improve performance.
3. Reflectivity is not considered for the sizing guide. Call a Lumalier sales rep to discuss reflectivity variables.
4. Disinfection rates will vary based on filtering and number of air passes.

Accessories for In Duct UVC Fixtures

Effective February 1st, 2021

One door switch, view port, exterior toggle switch with lock-out/tag-out, safety signage, and set of lamps are included with each AR Fixture. Additional units are available as priced below.

Fixed Radiometer	Digital LCD readout with LED and audible alarms, 3 ports for BAS connectivity
Interior Door Interlock Safety Switch with J-box	Included in all AR racks; Price is for additional units for additional doors (optional)
2" glass view port and safety information	Included in all AR racks; Price is for additional units for additional doors (optional)
Exterior switch/ J-box for mounting near access door	Included in all AR racks; Price is for additional units for additional doors (optional)
Lock-out / tag-out switch cover	Included in all AR racks; Price is for additional units for additional doors (optional)
Clip-on UVC reflector	Directs UVC energy towards coils & away from surfaces, prevents line of sight exposure
Install kit: safety glasses, gloves, 2 warning labels	Included in all AR-60 racks listed above; price is for extra kits, if needed
Photocatalytic Oxidation (PCO) lamp protector	Optional PCO reduces Volatile Organic Compounds (VOC's) & eliminate odors

Philips UV high performance (HO), non-proprietary, long-life germicidal lamps (Philips lamps contain less than 5mg of HG)

	nominal watts	Base			direct μ W intensity at 1 meter
TUV PL-L 18W	18 W	twin tube, 4 pin	replace annually < 5Mg, Hg	Philips UV-C lamp, ambient, 9"	54 μ W
TUV PL-L 35W HO	35 W	twin tube, 4 pin	replace annually < 5Mg, Hg	Philips UV-C lamp, chill corrected, 9"	105 μ W
TUV PL-L 36W	36 W	twin tube, 4 pin	replace annually < 5Mg, Hg	Philips UV-C lamp, ambient, 16"	108 μ W
TUV PL-L 60W HO	60 W	twin tube, 4 pin	replace annually < 5Mg, Hg	Philips UV-C lamp, chill corrected, 16"	180 μ W
TUV-PL-L 55W	55 W	twin tube, 4 pin	replace annually < 5Mg, Hg	Philips UV-C lamp, ambient, 20"	165 μ W
TUV-PL-L 95W HO	95 W	twin tube, 4 pin	replace annually < 5Mg, Hg	Philips UV-C lamp, chill corrected, 20"	285 μ W



PRU Series

IN AHU AND IN DUCT UVC FIXTURES

Polluted indoor air contaminants (pollution) can include airborne particulates, germs (virus, bacteria, and fungus), chemicals, and gasses.

Our PRU Series UVC Fixtures are engineered for light commercial applications in packaged/rooftop air handlers (AHUs). These In-AHU and In-Duct UVC fixtures provide solutions for disinfection throughout businesses and can also be used in some residential applications. Benefits include:

- Reduces odors
- Reduces HVAC maintenance
- Reduces pathogens that cause sickness and disease
- Improves occupant performance
- Increases energy savings
- Does not product ozone or harmful volatile organic compounds (VOC).

Models

The PRU is available in two lamp sizes (60W, 95W) and in lamp configurations ranging from one to five lamps. Our sturdy quick-connect allows for lamp additions to modify your configuration and provide an easy install. All lamps are non-proprietary Philips lamps that are chill corrected to treat cold moving air.

Maintains high level air disinfection by neutralizing and eliminating the infectious airborne pathogens that cause respiratory illness and disease.



Disinfects air and surfaces in packaged and rooftop A/C & heating units.



Works 24/7 to keep air free and clear of airborne contaminants.



Neutralizes and eliminates the infectious airborne pathogens that cause respiratory illness and disease.

PRU Series

IN AHU AND IN DUCT UVC FIXTURES

Standard Specifications

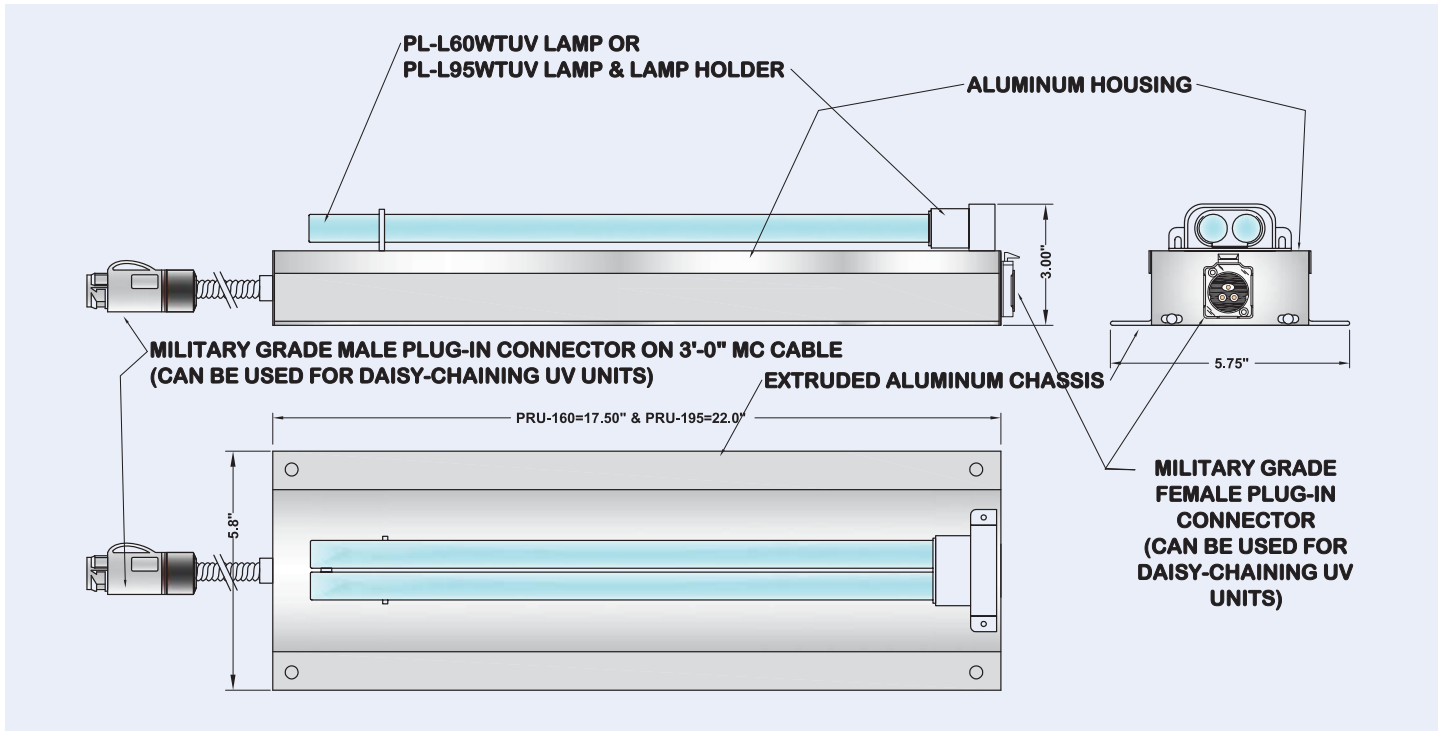
Lamp Specs	PL-L 60W, 95W TUV (non proprietary)
Wavelength	254 Nanometers
Expected Lamp/ Bulb Rated Life ¹	18 months
Lamp Socket	Single Ended, 4 Pin, 2G11
Lamp Qty.	4 x 35W UVC High Output Lamps
Input Voltage	Self Regulated Electronic UV Ballast 120V to 277V
Housing Finish	Aluminum
Electrical Requirement	60W - 0.5A @ 120V, 0.25A @ 240V 95W - 0.8A @ 120V, 0.4A @ 240V
Certifications:	
	
	ASHRAE meets ASHRAE TC 2.09
	EPA ² EST. NO. 91347-TN-001
	ETL CDR100230620ATL-001A
Warranty	Lamps/2 years; Parts/5 years

Ordering Guide

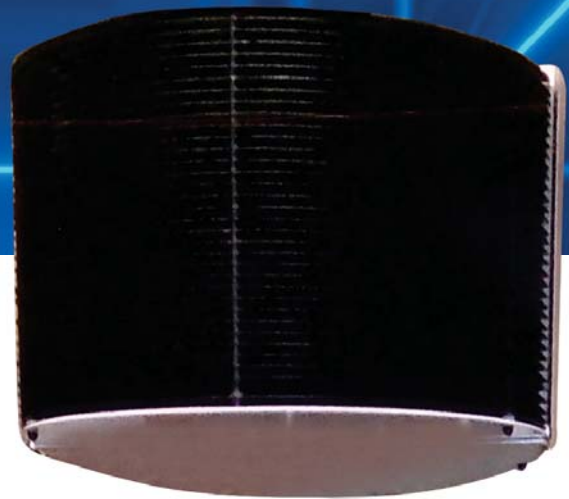
Model	Description
PRU-160	One 60 W, High Output 16" lamp, 180° disinfection
PRU-260	Two 60 W, High Output 16" lamps, daisy-chain, 180° disinfection
PRU-360	Three 60 W, High Output 16" lamps, daisy-chain, 180° disinfection
PRU-460	Four 60 W, High Output 16" lamps, daisy-chain, 180° disinfection
PRU-560	Five 60 W, High Output 16" lamps, daisy-chain, 180° disinfection
PRU-195	One 95 W, High Output 20" lamps, daisy-chain, 180° disinfection
PRU-295	Two 95 W, High Output 20" lamps, daisy-chain, 180° disinfection
PRU-395	Three 95 W, High Output 20" lamps, field placement, 180° disinfection
PRU-495	Four 95 W, High Output 20" lamps, field placement, 180° disinfection

¹With 80% utilization

²The manufacturer is registered with the US EPA. Clinical lab testing has been performed in independent labs.



Due to continuing research, Lumalier reserves the right to change specifications without notice.



PM Series

UPPER AIR UVC FIXTURES

Upper-air UVC fixtures are engineered to provide very targeted airborne pathogen reduction into high-risk areas. The PM unit is a pendant mounted, louvered, upper-air option designed for targeted disinfection in low ceiling areas. The louvered design of this series allows for the upper-air field of UV to stay in a straight line above the heads of the occupants, allowing for effective pathogen mitigation while maintaining CDC/NIOSH upper-air guidelines. Benefits include:

- This unit's effective coverage is up to 440 sq. ft.
- Ideal for use in areas where ceiling mounting is preferred and the ceiling height is lower, 8'-10'.
- Pendant mounted configuration allows for 360° disinfection.

Models

This fixture has four 18 W, vertical-mount 9" lamps and a 360° light field.

This unit is ideal for high-risk spaces that may have higher pathogen concentration.



Provides targeted pathogen reduction in spaces where the ceiling height is lower.



Creates repeated air disinfection within defined spaces, through natural convection-currents.



Neutralizes and eliminates the infectious airborne pathogens that cause respiratory illness and disease.

PM Series

UPPER AIR UVC FIXTURES

Standard Specifications

Lamp Specs	PL-L 18W TUV (non proprietary)
Wavelength	254 Nanometers
Expected Lamp/ Bulb Rated Life¹	18 months
Lamp Socket	Single Ended, 4 Pin, 2G11
Input Voltage	Self Regulated Electronic UV Ballast 120V
Electrical Requirement	0.60A @ 120V to 0.30A @ 240V, 50-60Hz
Weight	35 lbs.
Housing Finish	Aluminum

Certifications:



ASHRAE	meets ASHRAE TC 2.09
EPA ²	EST. NO. 91347-TN-001
ETL	CDR100230620ATL-001A

Warranty Lamps/2 years; Parts/5 years

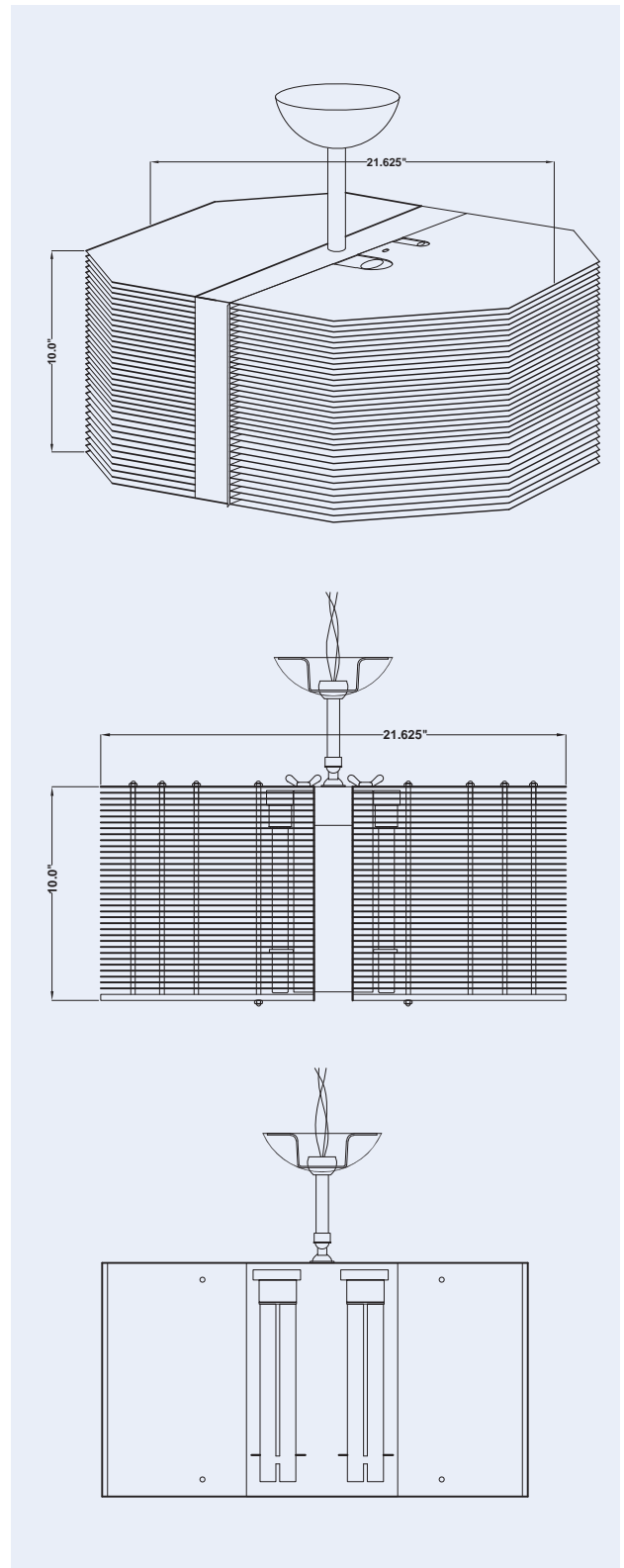
¹With 80% utilization

²The manufacturer is registered with the US EPA. Clinical lab testing has been performed in independent labs.

Ordering Guide

Model#	Description
PM-418	Four 18 W, vertical-mount 9" lamps, 360° light field.

Due to continuing research, Lumalier reserves the right to change specifications without notice.



See the link below to the manufacturer's product list. We are a distributor for all their products. Let me know if you have any questions or want to customize a product to meet your unique application.

<https://www.lumalier.com/product-list>