

**Fort Bend County Tabulation**  
**Bid 24-047**  
**Term Contract for Voice and Data Cabling**

**Term: April 9, 2024 thru March 31, 2025**

**Recommended: MCA Communications, Inc**

Company	Time Plus Materials Hourly Rate During Normal Working Hours	Time Plus Materials Hourly Rate After Normal Working Hours
	Lawson Number	
	13652	13653
MCA Communications, Inc Houston, TX	\$40.00	\$60.00
Techsec Corporation Rosenberg, TX	\$75.00	\$100.00
Access Data LLC, Houston, TX	\$135.00	\$175.00





**COUNTY PURCHASING AGENT**  
Fort Bend County, Texas

**Vendor Information**

Jaime Kovar  
Purchasing Agent

Office (281) 341-8640

Legal Company Name (top line of W9)	MCA Communications, Inc.				
Business Name (if different from legal name)					
Type of Business	<input checked="" type="checkbox"/> Corporation/LLC <input type="checkbox"/> Sole Proprietor/Individual	<input type="checkbox"/> Partnership <input type="checkbox"/> Tax Exempt	Age in Business? 41		
Federal ID # or S.S. #	760062422	SAM.gov Unique Entity ID #		RK9JXD2GNPJ5	
SAM.gov CAGE / NCAGE	N/A				
Publicly Traded Business	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Ticker Symbol _____				
Remittance Address	483 W. 38th St.				
City/State/Zip	Houston, TX 77018				
Physical Address	483 W. 38th St.				
City/State/Zip	Houston, TX 77018				
Phone Number	(281) 591-2434				
E-mail	FBC@mcacom.com				
Contact Person	Carlos Yepez				
Check all that apply to the company listed above and provide certification number.	DBE-Disadvantaged Business Enterprise <input type="checkbox"/> SBE-Small Business Enterprise <input type="checkbox"/> HUB-Texas Historically Underutilized Business <input checked="" type="checkbox"/> WBE-Women's Business Enterprise <input type="checkbox"/>		Certification # _____ Certification # _____ Certification # 1760062422900 Certification # _____		Cert Date 12/18/23 Exp Date 1/31/25
Company's gross annual receipts	<\$500,000 _____		\$500,000-\$4,999,999 _____		
	\$5,000,000-\$16,999,999 _____		\$17,000,000-\$22,399,999 _____ >\$22,400,000 <input checked="" type="checkbox"/> _____		
NAICs codes (Please enter all that apply)	517911,238990				
Signature of Authorized Representative					
Printed Name	Ricky Cortez				
Title	CEO				
Date	3/19/24				

**THIS FORM MUST BE SUBMITTED WITH THE SOLICITATION RESPONSE**



Date: 3/19/24



## Fort Bend County



### B24-047 Voice and Data Cabling

#### Prepared By:

Carlos Yepez  
Estimator  
MCA Communications, Inc.  
483 W 38th St.  
Houston, TX 77018  
(281) 591-2434

#### Prepared For:

Attn: Fort Bend County  
Purchasing Department  
Travis Annex  
301 Jackson, Suite 201  
Richmond, TX 77469

This proposal includes data that shall not be disclosed outside Fort Bend County or the owner and shall not be duplicated, used, or disclosed in whole or in part for any purpose other than to evaluate this proposal.



## 1.0 GENERAL REQUIREMENTS:

- 1.1 Read this entire document carefully. Follow all instructions. You are responsible for fulfilling all requirements and specifications. Be sure you understand them.
- 1.2 General Requirements apply to all advertised bids, however, these may be superseded, whole or in part, by the scope, special requirements, specifications, special specifications or other data contained herein.
- 1.3 Governing Law: Bidder is advised that these requirements shall be fully governed by the laws of the State of Texas and that Fort Bend County may request and rely on advice, decisions and opinions of the Attorney General of Texas and the County Attorney concerning any portion of these requirements.
- 1.4 Bid Document Completion: Fill out, initial each page, sign, and return ONE (1) complete bid document to the Fort Bend County Purchasing Department. An authorized representative of the bidder must sign the Contract Sheet. Do not complete the date at the top of the contract sheet. The bid document must be in a sealed envelope marked with the appropriate bid number and title. The contract will be binding only when signed by the County Judge, Fort Bend County and a purchase order authorizing the item(s) desired has been issued. The use of correction fluid is not acceptable and may result in the disqualification of bid. If an error is made, the bidder must draw a line through error and initial each change. All response, typed or written, information must be clear and legible.

If a pricing form in Excel is included and posted on the County's website amongst this bid document, the Vendor must download, complete and save the Excel file of the pricing form on a flash drive. The Excel file on the flash drive must be downloadable by the Purchasing Department in order to copy and paste the vendor's pricing to the County's tabulation. The flash drive must be labeled and included in the same sealed envelope with the respondent's completed bid document along with a printed copy of the completed pricing form.

- 1.5 Bid Returns: Bidders must return completed bid document to the Fort Bend County Purchasing Department at 301 Jackson, Suite 201, Richmond, Texas no later than 2:00 P.M. on the date specified. Late bids will not be accepted. Bids must be submitted in a sealed envelope, addressed as follows: Fort Bend County Purchasing Agent, Travis Annex, 301 Jackson, Suite 201, Richmond, Texas 77469.
- 1.6 Governing Document: In the event of any conflict between the terms and provisions of these requirements and the specifications, the specifications shall govern. In the event of any conflict of interpretation of any part of this overall document, Fort Bend County's interpretation shall govern.
- 1.7 Addenda: No interpretation of the meaning of the drawings, specifications or other bid documents will be made to any bidder orally. All requests for such

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interpretations must be made in writing addressed to Ms. Melissa Stavinoha, Senior Buyer, 301 Jackson, Suite 201, Richmond, Texas 77469, e-mail: [Melissa.Stavinoha@fortbendcountytexas.gov](mailto:Melissa.Stavinoha@fortbendcountytexas.gov). Any and all interpretations and any supplemental instructions will be in the form of written addenda to the contract documents which will be posted on Fort Bend County's website. Addenda will **ONLY** be issued by the Fort Bend County Purchasing Agent. It is the sole responsibility of each bidder to insure receipt of any and all addenda. All addenda issued will become part of the contract documents. Bidders must sign and include addendum in the returned bid package. Deadline for submission of questions and/or clarification is **Tuesday, March 12, 2024 at 11:00 a.m. (CST)**. Requests received after the deadline will not be responded to due to the time constraints of this bid process.

- 1.8 Hold Harmless Agreement: Contractor shall indemnify and hold Fort Bend County harmless from all claims for personal injury, death and/or property damage arising from any cause whatsoever, resulting directly or indirectly from contractor's performance. Contractor shall procure and maintain, with respect to the subject matter of this bid, appropriate insurance coverage including, as a minimum, public liability and property damage with adequate limits to cover contractor's liability as may arise directly or indirectly from work performed under terms of this bid. Certification of such coverage must be provided to the County upon request.
- 1.9 Waiver of Subrogation: Bidder and bidder's insurance carrier waive any and all rights whatsoever with regard to subrogation against Fort Bend County as an indirect party to any suit arising out of personal or property damages resulting from bidder's performance under this agreement.
- 1.10 Severability: If any section, subsection, paragraph, sentence, clause, phrase or word of these requirements or the specifications shall be held invalid, such holding shall not affect the remaining portions of these requirements and the specifications and it is hereby declared that such remaining portions would have been included in these requirements and the specifications as though the invalid portion had been omitted.
- 1.11 Bonds: If this bid requires submission of bid guarantee and performance bond, there will be a separate page explaining those requirements. Bids submitted without the required bid bond or cashier's checks are not acceptable. Bond/s or cashier's check must be complete with all required signatures.
- 1.12 Taxes: Fort Bend County is exempt from all federal excise, state and local taxes unless otherwise stated in this document. Fort Bend County claims exemption from all sales and/or use taxes under Chapter 20, Title 122a, Vernon's Texas Civil Statutes, as amended. Texas Limited Sales Tax Exemption Certificates will be furnished upon written request to the Fort Bend County Purchasing Department.
- 1.13 Fiscal Funding: A multi-year lease or lease/purchase arrangement (if requested by the specifications), or any contract continuing as a result of an extension option, must

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include fiscal funding out. If, for any reason, funds are not appropriated to continue the lease or contract, said lease or contract shall become null and void. After expiration of the lease, leased equipment shall be removed by the bidder from the using department without penalty of any kind or form to Fort Bend County. All charges and physical activity related to delivery, installation, removal and redelivery shall be the responsibility of the bidder.

- 1.14 **Pricing:** Prices for all goods and/or services shall be firm for the duration of this contract and shall be stated in the bid spreadsheet. Prices shall be all inclusive. No price changes, additions, or subsequent qualifications will be honored during the course of the contract. All prices must be written in ink or typewritten. Pricing on all transportation, freight, and other charges are to be prepaid by the contractor and included in the bid prices. If there are any additional charges of any kind, other than those mentioned above, specified or unspecified, bidder **MUST** indicate the items required and attendant costs or forfeit the right to payment for such items.
- 1.15 **Silence of Specifications:** The apparent silence of specifications as to any detail, or the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practice is to prevail and that only material and workmanship of the finest quality are to be used. All interpretations of specifications shall be made on the basis of this statement. The items furnished under this contract shall be new, unused of the latest product in production to commercial trade and shall be of the highest quality as to materials used and workmanship. Manufacturer furnishing these items shall be experienced in design and construction of such items and shall be an established supplier of the item bid.
- 1.16 **Supplemental Materials:** Bidders are responsible for including all pertinent product data in the returned bid package. Literature, brochures, data sheets, specification information, completed forms requested as part of the bid package and any other facts which may affect the evaluation and subsequent contract award should be included. Materials such as legal documents and contractual agreements, which the bidder wishes to include as a condition of the bid, must also be in the returned bid package. Failure to include all necessary and proper supplemental materials may be cause to reject the entire bid.
- 1.17 **Material Safety Data Sheets:** Under the "Hazardous Communication Act", commonly known as the "Texas Right To Know Act", a bidder must provide to County and using departments, with each delivery, material safety data sheets, which are, applicable to hazardous substances defined in the Act. Bidders are obligated to maintain a current, updated file in the Fort Bend County Purchasing Department. Failure of the bidder to maintain such a file will be cause to reject any bid applying thereto.
- 1.18 **Name Brands:** Specifications may reference name brands and model numbers. It is not the intent of Fort Bend County to restrict these bids in such cases, but to establish a desired quality level of merchandise or to meet a pre-established standard due to

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like existing items. Bidders may offer items of equal stature and the burden of proof of such stature rests with them. Fort Bend County shall act as sole judge in determining equality and acceptability of products offered.

- 1.19 Color Selection: Determination of colors of materials is a right reserved by the using department unless otherwise specified in the bid. Unspecified colors shall be quoted as standard colors, not colors, which require up charges or special handling. Unspecified fabrics or vinyl should be construed as medium grade. If bidder fails to get color/material approvals prior to delivery of merchandise, the using department may refuse to accept the items and demand correct shipment without penalty, subject to other legal remedies.
- 1.20 Evaluation: Evaluation shall be used as a determinant as to which bid items or services are the most efficient and/or most economical for the County. It shall be based on all factors, which have a bearing on price and performance of the items in the user environment. All bids are subject to tabulation by the Fort Bend County Purchasing Department and recommendation to Fort Bend County Commissioners Court. Compliance with all bid requirements, delivery and needs of the using department are considerations in evaluating bids. Pricing is NOT the only criteria for making a recommendation. The Fort Bend County Purchasing Department reserves the right to contact any bidder, at any time, to clarify, verify or request information with regard to any bid.
- 1.21 Inspections: Fort Bend County reserves the right to inspect any item(s) or service location for compliance with specifications and requirements and needs of the using department. If a bidder cannot furnish a sample of a bid item, where applicable, for review, or fails to satisfactorily show an ability to perform, the County can reject the bid as inadequate.
- 1.22 Testing: Fort Bend County reserves the right to test equipment, supplies, material and goods bid for quality, compliance with specifications and ability to meet the needs of the user. Demonstration units must be available for review. Should the goods or services fail to meet requirements and/or be unavailable for evaluation, the bid is subject to rejection.
- 1.23 Disqualification of Bidder: Upon signing this bid document, a bidder offering to sell supplies, materials, services, or equipment to Fort Bend County certifies that the bidder has not violated the antitrust laws of this state codified in section 15.01, et seq., Business & Commerce Code, or the federal antitrust laws, and has not communicated directly or indirectly the bid made to any competitor or any other person engaged in such line of business. Any or all bids may be rejected if the County believes that collusion exists among the bidders. Bids in which the prices are obviously unbalanced may be rejected. If multiple bids are submitted by a bidder and after the bids are opened, one of the bids is withdrawn, the result will be that all of the bids submitted by that bidder will be withdrawn; however, nothing herein prohibits a vendor from submitting multiple bids for different products or services.

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- 1.24 Awards: Fort Bend County reserves the right to award this contract on the basis of lowest and best bid in accordance with the laws of the State of Texas, to waive any formality or irregularity, to make awards to more than one bidder, to reject any or all bids. In the event the lowest dollar bidder meeting specifications is not awarded a contract, the bidder may appear before the Commissioners Court and present evidence concerning his responsibility. An award is final only upon formal execution by the Fort Bend County Commissioners Court or the Fort Bend County Purchasing Agent. Fort Bend County reserves the right to withdraw any award until execution by the proper authority.
- 1.25 Assignment: The successful vendor may not assign, sell or otherwise transfer this contract without written permission of Fort Bend County Commissioners Court.
- 1.26 Term Contracts: If the contract is intended to cover a specific time period, said time will be given in the specifications under scope.
- 1.27 Maintenance: Maintenance required for equipment bid should be available in Fort Bend County by a manufacturer authorized maintenance facility. Costs for this service shall be shown on the bid sheet as requested or on a separate sheet, as required. If Fort Bend County opts to include maintenance, it shall be so stated in the purchase order and said cost will be included. Service will commence only upon expiration of applicable warranties and should be priced accordingly.
- 1.28 Contract Obligation: Fort Bend County Commissioners Court must award the contract and the County Judge or other person authorized by the Fort Bend County Commissioners Court must sign the contract before it becomes binding on Fort Bend County or the bidders. Department heads are not authorized to sign agreements for Fort Bend County. Binding agreements shall remain in effect until all products and/or services covered by this purchase have been satisfactorily delivered and accepted.
- 1.29 Title Transfer: Title and Risk of Loss of goods shall not pass to Fort Bend County until Fort Bend County actually receives and takes possession of the goods at the point or points of delivery. Receiving times may vary with the using department. Generally, deliveries may be made between 8:30 a.m. and 4:00 p.m., Monday through Friday. Bidders are advised to consult the using department for instructions. The place of delivery shall be shown under the "Special Requirement" section of this bid document and/or on the Purchase Order as a "Ship To:" address.
- 1.30 Purchase Order and Delivery: The successful bidder shall not deliver products or provide services without a Fort Bend County Purchase Order, signed by an authorized agent of the Fort Bend County Purchasing Department. The fastest, most reasonable delivery time shall be indicated by the bidder in the proper place on the bid sheet. Any special information concerning delivery should also be included, on a separate sheet, if necessary. All items shall be shipped F.O.B. inside delivery unless otherwise stated in the specifications. This shall be understood to include bringing

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merchandise to the appropriate room or place designated by the using department. Every tender or delivery of goods must fully comply with all provisions of these requirements and the specifications including time, delivery and quality. Nonconformance shall constitute a breach, which must be rectified prior to expiration of the time for performance. Failure to rectify within the performance period will be considered cause to reject future deliveries and cancellation of the contract by Fort Bend County without prejudice to other remedies provided by law. Where delivery times are critical, Fort Bend County reserves the right to award accordingly.

- 1.31 Contract Extension: Extensions may be made only by written agreement between Fort Bend County and the bidder. Any price escalations are limited to those stated by the bidder in the original bid.
- 1.32 Termination: Fort Bend County reserves the right to terminate the contract for default if Seller breaches any of the terms therein, including warranties of bidder or if the bidder becomes insolvent or commits acts of bankruptcy. Such right of termination is in addition to and not in lieu of any other remedies, which Fort Bend County may have in law or equity. Default may be construed as, but not limited to, failure to deliver the proper goods and/or services within the proper amount of time, and/or to properly perform any and all services required to Fort Bend County's satisfaction and/or to meet all other obligations and requirements. Contracts may be terminated without cause upon thirty (30) days written notice to either party unless otherwise specified.
- 1.33 Recycled Materials: Fort Bend County encourages the use of products made of recycled materials and shall give preference in purchasing to products made of recycled materials if the products meet applicable specifications as to quantity and quality. Fort Bend County will be the sole judge in determining product preference application.
- 1.34 Interlocal Participation: Additional governmental entities may purchase from this bid. Vendor agrees to accept purchase orders from those participating entities and to invoice each entity separately.
- 1.35 Escalation Clause: Successful bidder may apply for a price increase to the Fort Bend County Purchasing Agent. The County Purchasing Agent will review, and, if increase is deemed warranted, place the request on Fort Bend County's Commissioners Court agenda for their action of approval or disapproval. Approval by the County's Commissioner's Court is required. Any proposed price increase will only be the amount increased to the vendor from his/her supplier. The price increase request must be stated on the vendor's letterhead with the bid number and name in the subject including, in columns, for each item: item description, original bid price, percent of increase, and the total cost of the original bid price including the increased dollar amount. Written documentation from the vendor's supplier of the increase notice must be provided to the Purchasing Agent at time of increase request. No

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application for a price increase may be submitted within the first twelve (12) months of this contract. Increase requests of more than 25% of the original bid price will not be considered.

- 1.36 Modifications: This instrument contains the entire Contract between the parties relating to the rights herein granted and obligations herein assumed. Any oral or written representations or modifications concerning this instrument shall be of no force and effect excepting a subsequent written modification signed by both parties hereto.

## **2.0 TERMS & CONDITIONS:**

- 2.1 Seller to Package Goods: Seller will package goods in accordance with good commercial practice. Each delivery container shall be clearly and permanently marked as follows (a) Seller's name and address; (b) Consignee's name, address and purchase order number and the bid number if applicable; (c) Container number and total number of containers (e.g. box 1 of 4 boxes); and (d) the number of the container bearing the packing slip. Seller shall bear cost of packaging unless otherwise provided. Goods shall be suitably packed to secure lowest transportation costs and to conform to requirements of common carriers and any applicable specifications. Fort Bend County's count or weight shall be final and conclusive on shipments not accompanied by packing list.
- 2.2 Shipment Under Reservation Prohibited: Seller is not authorized to ship goods under reservation and no tender of a bill of lading will operate as a tender of goods.
- 2.3 Title and Risk of Loss: The title and risk of loss of the goods shall not pass to the County until a County employee actually receives and takes possession of the goods at the point or points of delivery.
- 2.4 Delivery Terms: F.O.B. Destination Freight Prepaid, Inside Delivery, unless delivery terms are specified otherwise on Purchase Order.
- 2.5 No Replacement of Defective Tender: Every tender or delivery of goods must fully comply with all provisions of the Purchase Order as to time of delivery, quality and the like. If a tender is made which does not fully conform, this shall constitute a breach and Seller shall not have the right to substitute a conforming tender.
- 2.6 Place of Delivery: The place of delivery shall be that set forth in the block of the purchase order entitled "Ship To". Any change thereto shall be effective by modification as provided for in Clause number 2.20 "Modifications", hereof. The terms of this agreement are "no arrival, no sale", at the discretion of Fort Bend County.
- 2.7 Invoices and Payments:

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- 2.7.1 Seller shall submit separate invoices, in duplicate. Invoices shall indicate the purchase order number and the bid number if applicable. Invoices shall be itemized and transportation charges, if any, shall be listed separately. A copy of the bill of lading, and the freight waybill when applicable should be attached to the invoice.
- 2.7.2 Fort Bend County's obligation is payable only and solely from funds available for the purpose of this purchase. Lack of funds shall render the order null and void to the extent funds are not available and any delivered but unpaid goods will be returned to Seller by the county.
- 2.7.3 Do not include Federal Excise, State, or City Sales Tax. Fort Bend County is a tax-exempt governmental entity.
- 2.8 Gratuities: Fort Bend County may, by written notice to the Seller, cancel any order without liability, if it is determined by the County that gratuities, in the form of entertainment, gifts, or otherwise were offered or given by the Seller, or any agent or representative of the Seller to any officer or employee of Fort Bend County with a view toward securing an order. In the event an order is canceled by the County pursuant to this provision, the County shall be entitled, in addition to any other rights and remedies, to recover or withhold the amount of the cost incurred by Seller in providing such gratuities.
- 2.9 Special Tools and Test Equipment: If the price stated on the face of an order includes the cost of any special tooling or special test equipment fabricated or required by Seller for the purpose of filing this order, such special tooling equipment and any process sheets related thereto shall become the property of the County and to the extent feasible shall be identified by the Seller as such.
- 2.10 Warranty/Price:
  - 2.10.1 The price to be paid by the County shall be that contained in Seller's bid which Seller warrants to be no higher than Seller's current prices on orders by others for products of the kind and specification covered by an order for similar quantities under similar or like conditions and methods of purchase. In the event Seller breaches this warranty the prices of the items shall be reduced to the Seller's current prices on orders by others. Fort Bend County may cancel this contract without liability.
  - 2.10.2 The Seller warrants that no person or selling agency has been employed or retained to solicit or secure any County order based upon any agreement or understanding for commission, percentage, brokerage, or contingent fee excepting bona fide employees of bona fide established commercial or selling agencies maintained by the Seller for the purpose of securing business. A breach or violation of this warranty gives the County the right, in addition to any other right or rights, to cancel this contract without

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liability.

- 2.11 Warranty Product: Seller shall not limit or exclude any implied warranties and any attempt to do so shall render an order voidable at the option of the County. Seller warrants that the goods furnished will conform to the specifications, drawings, and description listed in the bid invitation and purchase order as applicable, and to the sample(s) furnished by Seller if any. In the event of a conflict between the specifications, drawings, and descriptions, the specifications shall govern.
- 2.12 Safety Warranty: Seller warrants that the product sold to Fort Bend County shall conform to the standards promulgated by the U.S. Department of Labor under the Occupational Safety and Health Act of 1970. In the event the product does not conform to OSHA standards, the County may return the product for correction or replacement at the Seller's expense. In the event Seller fails to make the appropriate correction within 10 days, correction made by the County will be at Seller's expense.
- 2.13 No Warranty by Fort Bend County Against Infringements: As part of a contract for sale Seller agrees to ascertain whether goods manufactured in accordance with the specifications will give rise to the rightful claim of any third person by way of infringement. Fort Bend County makes no warranty that the production of goods according to the specification will not give rise to such a claim and in no event shall Fort Bend County be liable to Seller for indemnification in the event the Seller is sued on the grounds of infringement or the like. If Seller is of the opinion that an infringement will result, he will notify Fort Bend County to this effect in writing within two days after the receiving Purchase Order. If the County does not receive notice and is subsequently held liable for the infringement, Seller will defend and save the County harmless. If Seller in good faith ascertains that production of the goods in accordance with the specifications will result in infringement, this contract shall be null and void except that the County will pay Seller the reasonable cost of his search as to infringements.
- 2.14 Right of Inspection: The County shall have the right to inspect the goods at delivery before accepting them.
- 2.15 Cancellation: Fort Bend County shall have the right to cancel for default all or any part of the undelivered portion of an order if Seller breaches any of the terms hereof including warranties of Seller, or if the Seller becomes insolvent or files for protection under the bankruptcy laws. Such rights of cancellation are in addition to and not in lieu of any other remedies, which Fort Bend County may have in law or equity.
- 2.16 Termination: The performance of work under a Purchase Order may be terminated in whole or in part by the County in accordance with this provision. Termination of work there under shall be effected by the delivery to the Seller of a "Notice of Termination" specifying the extent to which performance of work under the order is terminated and the date upon which such termination becomes effective. Such right

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of termination is in addition to and not in lieu of rights of Fort Bend County set forth in Clause 15 herein.

- 2.17 Force Majeure: Force Majeure means a delay encountered by a party in the performance of its obligations under this Agreement, which is caused by an event beyond the reasonable control of that party. Without limiting the generality of the foregoing, "Force Majeure" shall include but not be restricted to the following types of events: acts of God or public enemy; acts of governmental or regulatory authorities; fires, floods, epidemics or serious accidents; unusually severe weather conditions; strikes, lockouts, or other labor disputes; and defaults by subcontractors.

In the event of a Force Majeure, the affected party shall not be deemed to have violated its obligations under this Agreement, and the time for performance of any obligations of that party shall be extended by a period of time necessary to overcome the effects of the Force Majeure, provided that the foregoing shall not prevent this Agreement from terminating in accordance with the termination provisions. If any event constituting a Force Majeure occurs, the affected party shall notify the other parties in writing, within twenty-four (24) hours, and disclose the estimated length of delay, and cause of the delay.

- 2.18 Assignment-Delegation: No right or interest in an order shall be assigned or delegation of any obligation made by Seller without the written permission of Fort Bend County. Any attempted assignment or delegation by Seller shall be wholly void and totally ineffective for all purposes unless made in conformity with this paragraph.
- 2.19 Waiver: No claim or right arising out of a breach of any contract can be discharged in whole or in part by a waiver or renunciation of the claim or right unless the waived or renunciation is supported by consideration and is in writing signed by the aggrieved party.
- 2.20 Modification: A Purchase Order can be modified or rescinded only by a writing signed by both of the parties or their duly authorized agents.
- 2.21 Parol Evidence: This writing is intended by the parties as a final expression of their agreement and is intended also as a complete and exclusive statement of the terms of this agreement. No course of prior dealings between the parties and no usage of the trade shall be relevant to supplement or explain any terms rendered under this agreement and shall not be relevant to determine the meaning of this agreement even though the accepting or acquiescing party has knowledge of the performance and opportunity for objection. Whenever a term defined by the Uniform Commercial Code is used in this agreement, the definition contained in the Code is to control.
- 2.22 Applicable Law: This agreement shall be governed by the Uniform Commercial Code. Whenever the term "Uniform Commercial Code" is used it shall be construed as meaning the Uniform Commercial Code as adopted in the State of Texas and in

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effective on the date of the purchase order.

- 2.23 Advertising: Seller shall not advertise or publish, without the County's prior consent the fact that Fort Bend County has entered into any contract, except to the extent necessary to comply with proper requests for information from an authorized representative of the federal, state, or local government.
- 2.24 Right to Assurance: Whenever the County in good faith has reason to question the other party's intent to perform. The County may demand that the other party give written assurance of his intent to perform. In the event that a demand is made and no assurance is given within five (5) days, the County may treat this failure as an anticipatory repudiation of the contract.
- 2.25 Venue: Both parties agree that venue for any litigation arising from this contract shall lie in Richmond, Fort Bend County, Texas.
- 2.26 Prohibition Against Personal Interest in Contracts: No officer or employee of the County shall have a financial interest, direct or indirect, in any contract with the County, or shall be financially interested, directly or indirectly, in the sale to the County of any land, materials, supplies, or service, except on behalf of the County as an officer or employee. Any willful violation of this section shall constitute malfeasance in office, and any officer or employee guilty thereof shall be subject to disciplinary action under applicable laws, statutes and codes of the State of Texas. Any violation of this section, with the knowledge, expressed or implied of the person or corporation contracting with the County shall render the contract involved voidable by the County Commissioners Court.

### **3.0 SCOPE:**

It is the intent of Fort Bend County to contract with one (1) vendor for all materials, supplies, equipment, tools, services, labor and supervision necessary to accomplish voice and data cabling at various locations within Fort Bend County, as specified herein.

### **4.0 TERM OF CONTRACT:**

The term of this contract is **April 1, 2024 through 31 March 2025**, renewable annually for four (4) years (through 31 March 2029) under the terms and conditions if mutually agreeable to both parties.

Either party for any reason may terminate this contract by giving thirty (30) days written notice of the intent to terminate.

### **5.0 VENDOR STATUS:**

The awarded vendor is required to hold an **active** status on the SAM.gov website <https://sam.gov/content/home> if applicable, along with the Texas Comptroller Taxable Entity website <https://mycpa.cpa.state.tx.us/coa/>

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## **6.0 TEXAS ETHICS COMMISSION FORM 1295:**

- 6.1 Effective January 1, 2016 all contracts executed by Commissioners Court, regardless of the dollar amount, will require completion of Form 1295 "Certificate of Interested Parties", per the new Government Code Statute §2252.908. All vendors submitting a response to a formal Bid, RFP, SOQ or any contracts, contract amendments, renewals or change orders are required to complete the Form 1295 online through the State of Texas Ethics Commission website. Please visit: [https://www.ethics.state.tx.us/whatsnew/elf\\_info\\_form1295.htm](https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm).
- 6.2 On-line instructions:
- 6.2.1 Name of governmental entity is to read: Fort Bend County.
- 6.2.2 Identification number used by the governmental entity is: B24-047.
- 6.2.3 Description is the title of the solicitation: Voice & Data Cabling.
- 6.3 Apparent low bidder(s) will be required to provide the Form 1295 within three (3) calendar days from notification; however, if your company is publicly traded you are not required to complete this form.

## **7.0 INSURANCE:**

- 7.1 All respondents must submit, with response, a current certificate of insurance indicating coverage in the amounts stated below. In lieu of submitting a certificate of insurance, respondents may submit, with response, a notarized statement from an Insurance company, authorized to conduct business in the State of Texas, and acceptable to Fort Bend County, guaranteeing the issuance of an insurance policy, with the coverage stated below, to the firm named therein, if successful, upon award of this Contract.
- 7.2 At contract execution, contractor shall furnish County with properly executed certificates of insurance which shall evidence all insurance required and provide that such insurance shall not be canceled, except on 30 days prior written notice to County. Contractor shall provide certified copies of insurance endorsements and/or policies if requested by County. Contractor shall maintain such insurance coverage from the time Services commence until Services are completed and provide replacement certificates, policies and/or endorsements for any such insurance expiring prior to completion of Services. Contractor shall obtain such insurance written on an Occurrence form (or a Claims Made form for Professional Liability insurance) from such companies having Best's rating of A/VII or better, licensed or approved to transact business in the State of Texas, and shall obtain such insurance of the following types and minimum limits:

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- 7.2.1 Workers' Compensation insurance. Substitutes to genuine Workers' Compensation Insurance is not allowed.
- 7.2.2 Employers' Liability insurance with limits of not less than \$1,000,000 per injury by accident, \$1,000,000 per injury by disease, and \$1,000,000 per bodily injury by disease.
- 7.2.3 Commercial general liability insurance with a limit of not less than \$1,000,000 each occurrence and \$2,000,000 in the annual aggregate. Policy shall cover liability for bodily injury, personal injury, and property damage and products/completed operations arising out of the business operations of the policyholder.
- 7.2.4 Business Automobile Liability coverage with a combined Bodily Injury/Property Damage limit of not less than \$1,000,000 each accident. The policy shall cover liability arising from the operation of licensed vehicles by policyholder.
- 7.3 County and the members of Commissioners Court shall be named as additional insured to all required coverage except for Workers' Compensation and Professional Liability (if required). All Liability policies including Workers' Compensation written on behalf of contractor, excluding Professional Liability, shall contain a waiver of subrogation in favor of County and members of Commissioners Court.
- 7.4 If required coverage is written on a claims-made basis, contractor warrants that any retroactive date applicable to coverage under the policy precedes the effective date of the contract; and that continuous coverage will be maintained or an extended discovery period will be exercised for a period of two (2) years beginning from the time that work under the agreement is completed.

## **8.0 INDEMNIFICATION:**

Respondent shall save harmless County from and against all claims, liability, and expenses, including reasonable attorney's fees, arising from activities of respondent, its agents, servants or employees, performed under this agreement that result from the negligent act, error, or omission of respondent or any of respondent's agents, servants or employees.

- 8.1 Respondent shall timely report all such matters to Fort Bend County and shall, upon the receipt of any such claim, demand, suit, action, proceeding, lien or judgment, not later than the fifteenth day of each month; provide Fort Bend County with a written report on each such matter, setting forth the status of each matter, the schedule or planned proceedings with respect to each matter and the cooperation or assistance, if any, of Fort Bend County required by Respondent in the defense of each matter.
- 8.2 Respondent's duty to defend, indemnify and hold Fort Bend County harmless shall be absolute. It shall not abate or end by reason of the expiration or termination of any

Initials of Bidder: cy



contract unless otherwise agreed by Fort Bend County in writing. The provisions of this section shall survive the termination of the contract and shall remain in full force and effect with respect to all such matters no matter when they arise.

- 8.3 In the event of any dispute between the parties as to whether a claim, demand, suit, action, proceeding, lien or judgment appears to have been caused by or appears to have arisen out of or in connection with acts or omissions of Respondent, Respondent shall never-the-less fully defend such claim, demand, suit, action, proceeding, lien or judgment until and unless there is a determination by a court of competent jurisdiction that the acts and omissions of Respondent are not at issue in the matter.
- 8.4 Respondent's indemnification shall cover, and Respondent agrees to indemnify Fort Bend County, in the event Fort Bend County is found to have been negligent for having selected Respondent to perform the work described in this request.
- 8.5 The provision by Respondent of insurance shall not limit the liability of Respondent under an agreement.
- 8.6 Respondent shall cause all trade contractors and any other contractor who may have a contract to perform construction or installation work in the area where work will be performed under this request, to agree to indemnify Fort Bend County and to hold it harmless from all claims for bodily injury and property damage that may arise from said Respondent's operations. Such provisions shall be in form satisfactory to Fort Bend County.
- 8.7 Loss Deduction Clause - Fort Bend County shall be exempt from, and in no way liable for, any sums of money which may represent a deductible in any insurance policy. The payment of deductibles shall be the sole responsibility of Respondent and/or trade contractor providing such insurance.

#### **9.0 STATE LAW REQUIREMENTS FOR CONTRACTS:**

The contents of this section are required by Texas Law and are included by County regardless of content.

- 9.1 Agreement to Not Boycott Israel Chapter 2270 Texas Government Code: By signature on vendor form, Contractor verifies Contractor does not boycott Israel and will not boycott Israel during the term of this Contract.
- 9.2 Texas Government Code Section 2251.152 Acknowledgment: By signature on vendor form, Contractor represents pursuant to Section 2252.152 of the Texas Government Code, that Contractor is not listed on the website of the Comptroller of the State of Texas concerning the listing of companies that are identified under Section 806.051, Section 807.051 or Section 2253.153.

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**10.0 ASSIGNMENT:**

Contractor shall not sell, assign, transfer or convey these services, in whole or in part, without the prior written consent of Fort Bend County and as a condition of such consent, contractor shall remain liable for completion of the services in the event of default by the successor contractor or assignee.

**11.0 PERMITS:**

It shall be the sole responsibility of the successful bidder to obtain all required permits in the name of Fort Bend County.

**12.0 PROCEDURES:**

- 12.1 When a project has been identified by Fort Bend County, the contractor must complete a walk-through of the proposed project and furnish Fort Bend County with a detailed list of materials to be used as well as a total number of hours needed and cost to complete the assignment.
- 12.2 There is no mark-up on materials allowed.
- 12.3 Fort Bend County intends to utilize this contract and selected contractor for all cabling projects. Fort Bend County reserves the right to contract with other cabling contractors during the period of this contract without penalty when deemed appropriate by the County Purchasing Agent.

**13.0 DATA CABLING GENERAL REQUIREMENTS:**

- 13.1 Must comply with Telecommunications Infrastructure Standards as referenced in 13.27.
- 13.2 Vendor will keep informed of, and comply with all applicable laws, ordinances, rules, regulations and orders of the City, County, State, Federal or public bodies having jurisdiction affecting any work to be done to provide the services required. The vendor is required to provide all necessary safeguards for safety and protection, as set forth by the United States Department of Labor, Occupational Safety and Health Administration.
- 13.3 Vendor must install a BELDEN/IBDN structured cabling system or a Panduit/CommScope structured cabling system, at the discretion of the County. ALL cable, outlets, face plates and termination hardware must be manufactured by BELDEN/IBDN, Panduit or CommScope, as appropriate and agreed upon by the county. In cases where the Vendor is installing additions or changes to an existing system, the Vendor will match components of the existing system. Deviations must be approved by the County prior to install at the project scope development stage.

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- 13.4 The structured cabling system must be installed, tested and terminated by a BELDEN/IBDN or Panduit certified systems vendor, as appropriate to the project. The Vendor must provide the County with written proof of current certification.
- 13.5 Vendor must provide a 25 year material and labor warranty. The guarantee will include cable and connectivity components and have one point of contact for all cabling system issues.
- 13.6 Vendor must provide a lifetime application warranty for standards-based applications.
- 13.7 The bidder, including any subcontractor, will show proven expertise in the implementation of cabling projects. This expertise can be illustrated through the inclusion of details of at least three projects involving the design and installation of Category 5 and/or Category 5e and/or Category 6 unshielded twisted-pair cabling systems and optical fiber cabling systems within the past five year period. Documentation of such projects should be included with the bid.
- 13.8 Testing:

13.8.1 Testing and Acceptance:

All cables and termination hardware is to be 100% tested for defects in installation and to verify cabling system performance under installed conditions according to the requirements of ANSI/TIA/EIA-568-A./B. All pairs of each installed cable will be verified prior to system acceptance. Any defect in the cabling system installation including but not limited to cable, connectors, feed through couplers, patch panels, and connector blocks are to be repaired or replaced in order to ensure 100% useable conductors in all cables installed.

All cables are to be tested in accordance with this document, the ANSI/TIA/EIA standards, the BELDEN/IBDN Certified Systems warranty guidelines and best industry practice. If any of these are in conflict, the contractor is required to bring any discrepancies to the attention of the project team for clarification and resolution.

13.8.2 Copper Channel Testing:

All twisted-pair copper cable links are to be tested for continuity, pair reversals, shorts, opens and performance as indicated below. Additional testing is required to verify category performance. Horizontal cabling is to be tested using a level IIe or level III test unit for category 5e or equivalent to industry standard or category 6 performance compliance, respectively.

Continuity, each pair of each installed cable is to be tested using a test unit that shows opens, shorts, polarity and pair reversals, crossed pairs and split pairs. Shielded/screened cables are required to be tested with a device that verifies shield

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continuity in addition to the above stated tests. The test is required to be recorded as pass/fail as indicated by the test unit in accordance with the manufacturer's recommended procedures, and referenced to the appropriate cable identification number and circuit or pair number. Any faults in the wiring is required to be corrected and the cable re-tested prior to final acceptance.

Length, each installed cable link is required to be tested for installed length using a TDR type device. The cables are required to be tested from patch panel to patch panel, block to block, patch panel to outlet or block to outlet as appropriate. The cable length is required to conform to the maximum distances set forth in the ANSI/TIA/EIA-568-B Standard. Cable lengths are required to be recorded, referencing the cable identification number and circuit or pair number. For multi-pair cables, the shortest pair length is required to be recorded as the length for the cable.

Category 5e and 6 performance: Follow the Standards requirements established in ANSI/TIA/EIA-568-B-TBX-67, 72, 75 and 95. A level 11e or better test unit is required to verify category 5e performance and must be updated to include the requirements of TSB-95 and Amendment 5. A level III test unit is required to verify category 6 performances. The four (4) basic tests required in TSB-67 are: wire map, length, attenuation and NEXT (near end crosstalk). Four (4) additional tests are required per TSB-95: return loss, ELFEXT loss, propagation delay and delay skew. In Amendment 5, two (2) additional tests are required: PSNEXT (power sum near-end crosstalk loss) and PSELFEXT (power sum equal level far-end crosstalk loss).

### 13.8.3 Fiber Testing:

All fiber testing is required to be performed on all fibers in the completed end-to-end system. There are not to be any splices unless clearly defined in an RFP. Testing is to consist of an end-to-end power meter test performed per ANSI/TIA/EIA-455-53A. The system loss measurements are required to be provided at 850 and/or 1300 nanometers for multimode fibers and 1310 and/or 1550 nanometers for single mode fibers. These tests also include continuity checking of each fiber.

For horizontal cabling system using multimode optical fiber, attenuation shall be measured in one direction at either 850 nanometer (nm) or 1300 nm using an LED light source and power meter. Backbone multimode fiber cabling is required to be tested at both 850 nm and 1300 nm (or 1310 and 1550 nm for single mode) in one direction. Test set-up and performance will be conducted in accordance with ANSI/TIA/EIA-526-14 Standard, Method B. Where links are combined to complete a circuit between devices, the contractor is required to test each link from end to end to ensure the performance of the system. Only basic link test is required. The contractor can optionally install patch cords to complete the circuit and then test the entire channel.

The test method is required to be the same used for the test described above. The

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values for calculating loss are required to be those defined in the ANSI/TIA/EIA Standard. Attenuation testing is to be performed with a stable launch condition using two-meter jumpers to attach the test equipment to the cable plant. The light source will be left in place after calibration and the power meter moved to the far end to take measurements.

- 13.9 Vendor must provide Fort Bend County with as built drawings on AutoCAD 12 or higher version.
- 13.10 The category 5e or equivalent to industry standard or category 6 data cable must meet 160 MHZ. The County will define which level of category 6 cable will be required for each project. The Vendor must adhere to County's cabling color standards.
- 13.11 Vendor must supply with every category 5e or equivalent to industry standard or category 6 install two (2) category 5e or equivalent to industry standard or category 6 BELDEN or CommScope patch cable to complete the channel install. Lengths will be determined by the County for each project.
- 13.12 The category 5e or equivalent to industry standard or category 6 RJ-45 data outlets must meet the ANSI/TIA/EIA standard release for enhanced category 5e or equivalent to industry standard or category 6 connectivity.
- 13.13 The category 5e or equivalent to industry standard or category 6 data cable must be marked on the jacket with descending length markers every 2 feet, starting at the highest number and ending at zero.
- 13.14 The faceplate must have no visible mounting screws when installed.
- 13.15 All data cable is required to be supported above ceiling tiles, and away from all electrical service and lighting. All cable is required to be securely fastened to the building structure so that it does not rest or sag onto suspended ceilings. Installation is required to be neat and orderly with parallel runs tied together.
- 13.16 Cables leaving intermediate distribution points are required to be routed to the corridor areas. Hangers and supports are required to be spaced no more than 60 inches apart when permissible (variance may be required in the case of obstruction). Cables in office areas are to enter individual offices over the doorway when possible, and be of sufficient length for an outlet to be installed in the corner of the office farthest from the distribution room, regardless of the actual location of the outlet box with a 6' service loop suspended in the ceiling at each end of the run.
- 13.17 Minimum twelve-inch vertical and horizontal clearance(s) will be maintained above electrical lighting fixtures when permissible (ceiling heights may determine actual clearances).

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- 13.18 Cables are required to not contact sharp objects. Fasteners or applications are required to be provided to prevent contact with sharp objects.
- 13.19 Exposed cables at the distribution room are required to be supported by walls, backboards, or cable trays to prevent mechanical damage and provide an aesthetically pleasing appearance.
- 13.20 All labeling is required to be in strict compliance with ANSI/EIA/TIA 568B and 569A industry standard specifications. All labeling is required to be machine or otherwise printed, not hand-written.
- 13.21 Labeling points are required to include but not be limited to:
- Each cable end;
  - All user circuit outlets;
  - Patch panels and their individual communication ports;
  - Connecting blocks, including individual circuit connections;
  - Individual equipment cabinets, racks, enclosures, and support systems;
  - Main and intermediate distribution points.

13.22 System Documentation:

Upon completion of the installation, the telecommunications contractor is required to provide three (3) full documentation sets to the County. The field test equipment is required to meet the requirements of ANSI/TIA/EIA 568-A/B. The appropriate level IIe tester is required to be used to verify Category 5e cabling system. The appropriate level III tester is required to be used to verify Category 6 cabling systems.

Printouts generated for each cable by the wire (or fiber) test instrument is required to be submitted as part of the documentation package. Alternately, the telecommunications contractor may furnish this information in electronic form. The documentation is required to contain the electronic equivalent of the test results as defined by the bid specification and be of a format readable from Microsoft Word (version 2003 or higher) or PDF file.

- 13.23 Upon contract award, all drawings, plans and documentation are required to become property of Fort Bend County.
- 13.24 All designs are required to be warranted to meet the latest industry standards in effect upon the date of submission of the quote.
- 13.25 Testing of all copper voice/data cabling is required to include tests for the following:
- Shorts

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- Opens
  - Grounds
  - Pin-to-Pin continuity
  - Polarity
  - Near end crosstalk
  - Attenuation (dB loss)
  - Total circuit length
  - Impedance
  - Loop resistance
  - Capacitance
- 13.26 Test results are required to be documented in a format acceptable to Fort Bend County. Contractor's sample of the test result format is required to be included in this bid response. Any components failing to meet acceptable standards are required to be removed, repaired or replaced at no additional cost.
- 13.27 The following industry standards are the basis for the structured cabling system described in this document and are incorporated by reference:
- 13.27.1 ANSI/TIA/EIA Commercial Building Wiring Standard  
ANSI/TIA/EIA-568-B.1 and its addendum  
ANSI/TIA/EIA-568-B.2 and its addendum  
ANSI/TIA/EIA-568-B.3 and its addendum  
ANSI/TIA/EIA-568-B.2-1 (category 6 addenda)  
ANSI/TIA/EIA-569-A and its addendum  
ANSI/TIA/EIA-606-A  
ANSI/TIA/EIA-J-STD-607  
ANSI/ICEA S-90-661  
ANSI/ICEA S-80-576  
ANSI/ICEA S-83-596  
ANSI/ICEA S-83-640  
ANSI/EIA/TIA-492AAAA  
ANSI/TIA/EIA-472CAAA  
ANSI/TIA/EIA-472DAAA  
ANSI/TIA/EIA-598  
ANSI/TIA/EIA-455  
ANSI/TIA/EIA-604
- 13.27.2 NFPA National Electric Code (NEC) NFPA 70
- 13.27.3 ISO/IEC Generic Cabling for Customer Premises ISO 11801 2nd Edition
- 13.28 Specific compliance items are required to include:
- 13.28.1 Category 5e, category 6 or equivalent to industry standard cable is not to be

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pulled for a distance longer than 90 meters

- 13.28.2 Pair twisting must be maintained to within 0.5" inches (1.27cm) of termination
- 13.28.3 The ANSI/EIA/TIA 568B pin configurations are to be used throughout the entire category 5e or equivalent to industry standard or category 6 cabling system
- 13.28.4 The bend radius is not to be exceeded for any category 5e or equivalent to industry standard or category 6 cable (no less than 4 times the outer dimension of the cable)
- 13.28.5 Cable is not to be pulled with more than 25 lb. Of pulling pressure
- 13.28.6 Cables are to be tied lightly or Velcro-looped at the County's discretion.
- 13.29 Materials shall at a minimum include all copper wiring, passive termination components, tie-wraps, screws, bolts, nuts, washers, cable suspension hardware, mounting brackets, equipment racks, fire stop materials and labels.
- 13.30 All cabling is required to be plenum rated, four pair 100 ohm, 24 AEG, UTP cable category 5e or equivalent to industry standard or category 6.
- 13.31 All data connections are required to be installed from the communication outlet to the nearest telecommunication closet (TC) on the same floor.
- 13.32 The category 5e or equivalent to industry standard or category 6 cables will terminate in the TC onto rack mounted modular patch panels. All category 5e or equivalent to industry standard or category 6 patch panels must be sufficient to accomplish no more than an 80% fill rate; the contractor will provide at least one patch cord organizer for each patch panel installed.
- 13.33 All penetrations through fire-rated building structures (walls and floors) will be sealed with an appropriate firestop system. This requirement applies to through penetrations (complete penetration) and membrane penetrations (through one side of a hollow fire rated structure). Any penetrating item i.e., riser slots and sleeves, cables, conduit, cable tray, and raceways, etc. is required to be properly firestopped. Contractor will provide and install fire stop materials for floor and fire wall penetrations in compliance with existing building and fire codes. Type and method of all firestop materials and installation must be coordinated and approved with the County prior to the start of all projects.
- 13.34 Layout of equipment to be installed in the distribution room is required to be approved by Fort Bend County, prior to installation.

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- 13.35 Station outlets are required to utilize single-width face plates, unless otherwise directed by the County, with TC closet and patch panel location/number electronically marked.
- 13.36 Data connections are required to consist of category 5e or equivalent to industry standard or category 6 unshielded twisted pair copper cabling, with RJ-45 termination at an outlet at the station end and RJ-45 termination at a modular patch panel rack at the distribution end.
- 13.37 Patch panels are required to be rated at the current ANSI/EIA/TIA 568 category 5e or equivalent to industry standard or category 6 compliance specifications, and will be mounted on freestanding 2-post 7' x 19" Service Equipment Racks or, if necessary, 4-post Service Equipment Racks bolted securely to the floor. Horizontal wire managers are required to be installed sufficient to contain patch cables for all installed data connections. Racks are required to be placed with a 36-inch (minimum) equipment clearance from the walls on all sides of the rack. Vendor must supply 100 appropriate rack screws to support equipment that will be housed in each rack.
- 13.38 Fort Bend County is financially responsible for only those products installed, not for items on the detailed quote that were not installed.
- 13.39 Vendor must replace any ceiling tile broken or defaced during installation and testing of cabling.
- 13.40 Furniture and wall covering, if any, will be protected during installation and testing of cabling.
- 13.41 Install outside plant cable and hardware as required. Bond, ground and install lighting protection to industry and electrical standards.
- 13.42 Once project has been identified by Fort Bend County, the contractor must complete a walk-through of the proposed project and furnish Fort Bend County with a detailed list of materials to be used as well as a total number of hours needed and cost to complete the assignment.
- 13.43 Installation of data cabling to be completed during normal business hours (Monday through Friday, 8:00 am – 5:00 pm), unless specified otherwise by the County.
- 13.44 No additional work outside the scope of this bid is allowed.

#### **14.0 VOICE CABLING GENERAL REQUIREMENTS:**

- 14.1 Must comply with Telecommunications Infrastructure Standards as referenced in 13.27.

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- 14.2 Vendor must provide BELDEN/IBDN or Panduit passive components.
- 14.3 Vendor must provide and install category 5e cables or category 6 cables, to be determined in the project scope by the County for voice communications.
- 14.4 Voice cables to be terminated into communication outlets with dual face plates at the locations specified at time of order.
- 14.5 Communication outlets and dual face plates to be attached to commercial grade face plate adapters mounted to wall. The County requires either BELDON or Panduit components, depending on the project and at the discretion of the County.
- 14.6 Test results, as specified below, must be provided to Fort Bend County:
  - Near end crosstalk
  - Attenuation
  - dB loss
  - Cable length
  - Noise levels
  - Characteristic impedance
  - Circuit resistance
  - Opens and shorts
  - Cross pairs
  - Reversed pairs
- 14.7 Provide and install tie voice cable from telephone rooms to the main telephone room to serve as voice tie.
- 14.8 All labeling is required to be in strict compliance with ANSI/EIA/TIA 568 specifications. All labeling is required to be machine or otherwise printed, not hand-written.
- 14.9 Patch panels and face plates must be labeled with a machine label for easy circuit identification.
- 14.10 All voice cable installations will adhere to the same installation standards set forth in this document for data cabling.
- 14.11 Cables to be routed down main hallways and enter rooms at a 90 degree angle from the main trunk; no spider web installation.
- 14.12 Cables to be in bundles not exceeding forty (40) cables; to protect the integrity of the cables.
- 14.13 Installation of voice cabling to be completed during normal business hours (Monday

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through Friday, 8:00 am – 5:00 pm), unless specified by the County.

- 14.14 No additional work outside the scope of this bid is allowed.
- 14.15 Cables to be routed in ceiling above hallway area and enter individual rooms above doorway where possible.
- 14.16 Cable and/or cable bundles must be supported in ceiling every five (5) feet and not attached to any electrical wiring light fixtures or HVAC mechanical controls. Cable supports to be installed by ceiling contractor.
- 14.17 Vendor must replace any ceiling tile broken or defaced during installation and testing of cabling.
- 14.18 Furniture and wall covering, if any, will be protected during installation and testing of cabling.
- 14.19 All labor and materials must be warranted for a period of twenty-five (25) years from time of completion.
- 14.20 Repair and remove all voice cables.
- 14.21 Terminate cable on jacks, 66 type punch down blocks, screw down blocks, assorted wall and biscuit jacks.
- 14.22 The Vendor will be able to install all types of page horns and speakers.
- 14.23 Install outside plant cable and hardware as required. Bond, ground and install lighting protection to industry and electrical standards.
- 14.24 Fort Bend County is financially responsible for only those products installed, not for items on the detailed quote that were not installed.
- 14.25 The bidder, including any subcontractor, is required to show proven expertise in the implementation of cabling projects. This expertise can be illustrated through the inclusion of details of at least three projects involving the design and installation of Category 5 and/or Category 5e and/or Category 6 unshielded twisted-pair cabling systems and optical fiber cabling systems within the past five year period. Documentation of such projects should be included with the bid.

#### **15.0 DELIVERY AND INSTALLATION:**

All work must be completed within ten (10) calendar days after receipt of purchase order issued by the Fort Bend County Purchasing Department.

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**CONTRACT SHEET**  
**B24-047**

**THE STATE OF TEXAS**  
**COUNTY OF FORT BEND**

This memorandum of agreement made and entered into on the 9 day of April, 2024,  
by and between Fort Bend County in the State of Texas (hereinafter designated County), acting herein by  
County Judge KP George, by virtue of an order of Fort Bend County Commissioners Court, and  
MCA Communications, Inc. (hereinafter designated Contractor).  
(company name)

**WITNESSETH:**

The Contractor and the County agree that the bid and specifications for **Voice and Data Cabling**,  
which are hereto attached and made a part hereof, together with this instrument and the bond  
(when required) shall constitute the full agreement and contract between parties and for furnishing the  
items set out and described; the County agrees to pay the prices stipulated in the accepted bid.

It is further agreed that this contract shall not become binding or effective until signed by the parties  
hereto and a purchase order authorizing the items desired has been issued.

Executed at Richmond, Texas this 9 day of April, 2024.

**Fort Bend County, Texas**

By: KP George  
County Judge K P George

By: Carlos Yezpe  
Signature of Contractor

By: Carlos Yezpe, Estimator  
Printed Name and Title



# Request for Taxpayer Identification Number and Certification

Give Form to the  
requester. Do not  
send to the IRS.

► Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Print or type.  
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. <b>MCA Communications, Inc.</b>		
2 Business name/disregarded entity name, if different from above		
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only <b>one</b> of the following seven boxes.  <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate  <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► <b>Note:</b> Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is <b>not</b> disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.  <input type="checkbox"/> Other (see instructions) ►	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):  Exempt payee code (if any) _____  Exemption from FATCA reporting code (if any) _____  <small>(Applies to accounts maintained outside the U.S.)</small>	
5 Address (number, street, and apt. or suite no.) See instructions. <b>483 West 38th Street</b>	Requester's name and address (optional)	
6 City, state, and ZIP code <b>Houston, Texas 77018</b>		
7 List account number(s) here (optional)		

## Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
			-						
or									
Employer identification number									
7	6		-	0	0	6	2	4	2

## Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign  
Here

Signature of  
U.S. person ►

*Brant Salen*

Date ►

*1/11/2024*

## General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

## Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.



**Note.** If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

**Definition of a U.S. person.** For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

**Special rules for partnerships.** Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States:

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

**Foreign person.** If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

**Nonresident alien who becomes a resident alien.** Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

**Example.** Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

## Backup Withholding

**What is backup withholding?** Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

**Payments you receive will be subject to backup withholding if:**

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the Part II instructions on page 3 for details),

3. The IRS tells the requester that you furnished an incorrect TIN,

4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or

5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code* on page 3 and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships* above.

## What is FATCA reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code* on page 3 and the Instructions for the Requester of Form W-9 for more information.

## Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

## Penalties

**Failure to furnish TIN.** If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

**Civil penalty for false information with respect to withholding.** If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

**Criminal penalty for falsifying information.** Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

**Misuse of TINs.** If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

## Specific Instructions

### Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account, list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

**Note. ITIN applicant:** Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C Corporation, or S Corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.



**Line 2**

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

**Line 3**

Check the appropriate box in line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box in line 3.

**Limited Liability Company (LLC).** If the name on line 1 is an LLC treated as a partnership for U.S. federal tax purposes, check the "Limited Liability Company" box and enter "P" in the space provided. If the LLC has filed Form 8832 or 2553 to be taxed as a corporation, check the "Limited Liability Company" box and in the space provided enter "C" for C corporation or "S" for S corporation. If it is a single-member LLC that is a disregarded entity, do not check the "Limited Liability Company" box; instead check the first box in line 3 "Individual/sole proprietor or single-member LLC."

**Line 4, Exemptions**

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space in line 4 any code(s) that may apply to you.

**Exempt payee code.**

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 <sup>1</sup>	Generally, exempt payees 1 through 5 <sup>2</sup>
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

<sup>1</sup> See Form 1099-MISC, Miscellaneous Income, and its instructions.

<sup>2</sup> However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

**Exemption from FATCA reporting code.** The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

- A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)
- B—The United States or any of its agencies or instrumentalities
- C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)
- E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)
- F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state
- G—A real estate investment trust
- H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940
- I—A common trust fund as defined in section 584(a)
- J—A bank as defined in section 581
- K—A broker
- L—A trust exempt from tax under section 664 or described in section 4947(a)(1)
- M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

**Note.** You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

**Line 5**

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns.

**Line 6**

Enter your city, state, and ZIP code.

**Part I. Taxpayer Identification Number (TIN)**

**Enter your TIN in the appropriate box.** If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited Liability Company (LLC)* on this page), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

**Note.** See the chart on page 4 for further clarification of name and TIN combinations.

**How to get a TIN.** If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at [www.ssa.gov](http://www.ssa.gov). You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at [www.irs.gov/businesses](http://www.irs.gov/businesses) and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting [IRS.gov](http://IRS.gov) or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

**Note.** Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

**Caution:** A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.



## Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee* code earlier.

**Signature requirements.** Complete the certification as indicated in items 1 through 5 below.

**1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983.** You must give your correct TIN, but you do not have to sign the certification.

**2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983.** You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

**3. Real estate transactions.** You must sign the certification. You may cross out item 2 of the certification.

**4. Other payments.** You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

**5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions.** You must give your correct TIN, but you do not have to sign the certification.

## What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account <sup>1</sup>
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor <sup>2</sup>
4. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee <sup>1</sup>
b. So-called trust account that is not a legal or valid trust under state law	The actual owner <sup>1</sup>
5. Sole proprietorship or disregarded entity owned by an individual	The owner <sup>2</sup>
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor <sup>*</sup>
For this type of account:	Give name and EIN of:
7. Disregarded entity not owned by an individual	The owner
8. A valid trust, estate, or pension trust	Legal entity <sup>4</sup>
9. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
10. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
14. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

<sup>1</sup> List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

<sup>2</sup> Circle the minor's name and furnish the minor's SSN.

<sup>3</sup> You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

<sup>4</sup> List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships* on page 2.

<sup>\*</sup>Note. Grantor also must provide a Form W-9 to trustee of trust.

**Note.** If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

## Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Publication 4535, *Identity Theft Prevention and Victim Assistance*.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

**Protect yourself from suspicious emails or phishing schemes.** Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to [phishing@irs.gov](mailto:phishing@irs.gov). You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at: [spam@uce.gov](mailto:spam@uce.gov) or contact them at [www.fta.gov/idtheft](http://www.fta.gov/idtheft) or 1-877-IDTHEFT (1-877-438-4338).

Visit [IRS.gov](http://IRS.gov) to learn more about identity theft and how to reduce your risk.

## Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.



Job No.: \_\_\_\_\_

**TAX FORM/DEBT/ RESIDENCE CERTIFICATION**  
**(for Advertised Projects)**

Taxpayer Identification Number (T.I.N.): 76-0062422

Company Name submitting Bid/Proposal: MCA Communications, Inc.

Mailing Address: 483 W. 38th St. Houston, TX 77018

Are you registered to do business in the State of Texas? ☒ Yes ☐ No

If you are an individual, list the names and addresses of any partnership of which you are a general partner or any assumed name(s) under which you operate your business

\_\_\_\_\_

\_\_\_\_\_

I. **Property:** List all taxable property in Fort Bend County owned by you or above partnerships as well as any d/b/a names. Include real and personal property as well as mineral interest accounts. (Use a second sheet of paper if necessary.)

<u>Fort Bend County Tax Acct. No.*</u>	<u>Property address or location**</u>
_____	_____
_____	_____
_____	_____
_____	_____

\* This is the property account identification number assigned by the Fort Bend County Appraisal District.  
\*\* For real property, specify the property address or legal description. For business personal property, specify the address where the property is located. For example, office equipment will normally be at your office, but inventory may be stored at a warehouse or other location.

II. **Fort Bend County Debt** - Do you owe any debts to Fort Bend County (taxes on properties listed in I above, tickets, fines, tolls, court judgments, etc.)?

Yes ☒ No ☐ If yes, attach a separate page explaining the debt.

III. **Residence Certification** - Pursuant to Texas Government Code §2252.001 *et seq.*, as amended, Fort Bend County requests Residence Certification. §2252.001 *et seq.* of the Government Code provides some restrictions on the awarding of governmental contracts; pertinent provisions of §2252.001 are stated below:

- (3) "Nonresident bidder" refers to a person who is not a resident.
- (4) "Resident bidder" refers to a person whose principal place of business is in this state, including a contractor whose ultimate parent company or majority owner has its principal place of business in this state.

☒ I certify that MCA Communications, Inc. is a Resident Bidder of Texas as defined in Government Code §2252.001.  
[Company Name]

I certify that \_\_\_\_\_ is a Nonresident Bidder as defined in Government Code §2252.001 and our principal place of business is \_\_\_\_\_.  
[Company Name] [City and State]



**Mandatory Form**



**Contractor Acknowledgement of Storm Water Management Program**

I hereby acknowledge that I am aware of the stormwater management program and standard operating procedures developed by Fort Bend County in compliance with the TPDES General Permit No. TXR040000. I agree to comply with all applicable best management practices and standard operating procedures while conducting my services for Fort Bend County. I agree to conduct all services in a manner that does not introduce illicit discharges of pollutants to streets, stormwater inlets, drainage ditches or any portion of the drainage system. The following materials and/or pollutant sources must not be discharged to the drainage system as a result of any services provided:

1. Grass clippings, leaves, mulch, rocks, sand, dirt or other waste materials resulting from landscaping activities, (except those materials resulting from ditch mowing or maintenance activities)
2. Herbicides, pesticides and/or fertilizers, (except those intended for aquatic use)
3. Detergents, fuels, solvents, oils and/or lubricants, other equipment and/or vehicle fluids,
4. Other hazardous materials including paints, thinners, chemicals or related waste materials,
5. Uncontrolled dewatering discharges, equipment and/or vehicle wash waters,
6. Sanitary waste, trash, debris, or other waste products
7. Wastewater from wet saw machinery,
8. Other pollutants that degrade water quality or pose a threat to human health or the environment.

Furthermore, I agree to notify Fort Bend County immediately of any issue caused by or identified by:

**MCA Communications, Inc.**

(Company/Contractor)

that is believed to be an immediate threat to human health or the environment.

A handwritten signature in black ink, appearing to read "Ricky Cortez", is written over a horizontal line.

Contractor Signature

**3/19/24**

Date

**Ricky Cortez**

Printed Name

**CEO**

Title





**Communication Technology Solutions**

Date: March 15, 2024

Filename: FBC - PHONE CABLE

**Fort Bend County  
Network Cabling  
Scope of Work**

1) MCA will provide all material, supports, and testing to install a total of (1) new category 5e data cable. All category 6 data cabling will terminate on a new 110 punch down patch panel at the IDF/MDF ends & jack inserts on faceplates at the station ends. MCA will provide one 4' and one 10' patch cord for each data cable installed in this proposal.

2) The new (1) phone cable will be installed in Fort Bend County. Cables will be pulled from the nearest IDF.

3) MCA/Belden will provide a 20 year system warranty upon completion of project.

**Total Project Cost:**

Material	\$	171.76
Labor	\$	211.81
<b>Total</b>	<b>\$</b>	<b>383.57</b>

**Payment Terms**

All invoicing will be on a Net 30- payment term from the date of invoice. MCA will invoice in full upon completion of the project. Change Orders will be billed in the same manner.

Sincerely,

*Carlos Yepez*

Project Manager

MCA Communications Inc.

483 W. 38th Street Houston, TX 77018

Email : [carlos.yepez@mcacom.com](mailto:carlos.yepez@mcacom.com)

Cell: [281-923-8835](tel:281-923-8835)





## Communication Technology Solutions

Project Location - Fort Bend County  
 Address - 12550 Emily Court Sugarland, TX. 77478

Quotation - Network Cabling  
 Estimator - Carlos Yepez

### Pricing Breakdown

Manufacturer	Part #	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
BELDEN	2413	CAT 6 BLUE CABLE	300	FT	\$ 0.426	\$ 127.80
BELDEN	AX101052	CAT 5E JACK BLUE MDVO	2	EA	\$ 6.980	\$ 13.96
PANDUIT	JP2W-L20	J-HOOK WITH WIRE AND SHOT	5	EA	\$ 3.750	\$ 18.75
MCA	3/4" & 1/4"	LABELS	4	EA	\$ 0.380	\$ 1.52
LABOR HOURS	5	LABOR RATE PER HOUR	\$ 40.00	SUBTOTAL LISTED MATERIAL COST		\$ 162.03
		PROJECT MANAGEMENT FEE (INCLUDES QA, SURVEY DOCUMENTATION, ETC.)	\$ 11.81	MISC. MATERIAL COSTS + SHIPPING/HANDLING, ETC.		\$ 9.73
		TOTAL LABOR COST	\$ 211.81	TOTAL MATERIAL COST		\$ 171.76
				TOTAL PROJECT COST		\$ 383.57





## Communication Technology Solutions

Date: March 15, 2024  
Filename: FBC- CAT 6 INSTALL

### Fort Bend County Network Cabling Scope of Work

- 1) MCA will provide all material, supports, and testing to install a total of (1) new category 6 data cable. All category 6 data cabling will terminate on a new 110 punch down patch panel at the IDF/MDF ends & jack inserts on faceplates at the station ends. MCA will provide one 4' and one 10' patch cord for each data cable installed in this proposal.
- 2) The new (1) cable will be installed in Fort Bend County. Cables will be pulled from the nearest IDF.
- 3) MCA/Belden will provide a 20 year system warranty upon completion of project.

#### Total Project Cost:

Material	\$	174.04
Labor	\$	211.81
<b>Total</b>	<b>\$</b>	<b>385.85</b>

#### Payment Terms

All invoicing will be on a Net 30- payment term from the date of invoice. MCA will invoice in full upon completion of the project. Change Orders will be billed in the same manner.

Sincerely,

*Carlos Yepez*

Project Manager  
MCA Communications Inc.  
483 W. 38th Street Houston, TX 77018  
Email : [carlos.yepez@mcacom.com](mailto:carlos.yepez@mcacom.com)  
[Cell: 281-923-8835](tel:281-923-8835)





## Communication Technology Solutions

Project Location - Fort Bend County  
 Address - 12550 Emily Court Sugarland, TX. 77478

Quotation - Network Cabling  
 Estimator - Carlos Yopez

### Pricing Breakdown

Manufacturer	Part #	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
BELDEN	2413	CAT 6 BLUE CABLE	300	FT	\$ 0.426	\$ 127.80
BELDEN	AX101326	CAT 6 JACK BLUE - KEYSTONE	2	EA	\$ 8.060	\$ 16.12
PANDUIT	JP2W-L20	J-HOOK WITH WIRE AND SHOT	5	EA	\$ 3.750	\$ 18.75
MCA	3/4" & 1/4"	LABELS	4	EA	\$ 0.380	\$ 1.52
LABOR HOURS	5	LABOR RATE PER HOUR	\$ 40.00	SUBTOTAL LISTED MATERIAL COST		\$ 164.19
		PROJECT MANAGEMENT FEE (INCLUDES QA, SURVEY DOCUMENTATION, ETC.)	\$ 11.81	MISC. MATERIAL COSTS + SHIPPING/HANDLING, ETC.		\$ 9.85
		TOTAL LABOR COST	\$ 211.81	TOTAL MATERIAL COST		\$ 174.04
				TOTAL PROJECT COST		\$ 385.85





## Communication Technology Solutions

Date: March 15, 2024

Filename: FBC- CAT 6A INSTALL

### Fort Bend County Network Cabling Scope of Work

1) MCA will provide all material, supports, and testing to install a total of (1) new category 6A data cable. All category 6 data cabling will terminate on a new 110 punch down patch panel at the IDF/MDF ends & jack inserts on faceplates at the station ends. MCA will provide one 4' and one 10' patch cord for each data cable installed in this proposal. \* **NOTE: CAT6A cabling is required for 10G Network\***

2) The new (1) cable will be installed in Fort Bend County. Cables will be pulled from the nearest IDF.

3) MCA/Belden will provide a 20 year system warranty upon completion of project.

#### Total Project Cost:

Material	\$	277.76
Labor	\$	211.81
<b>Total</b>	<b>\$</b>	<b>489.57</b>

#### Payment Terms

All invoicing will be on a Net 30- payment term from the date of invoice. MCA will invoice in full upon completion of the project. Change Orders will be billed in the same manner.

Sincerely,

*Carlos Yepez*

Project Manager

MCA Communications Inc.

483 W. 38th Street Houston, TX 77018

Email : [carlos.yepez@mcacom.com](mailto:carlos.yepez@mcacom.com)

Cell: [281-923-8835](tel:281-923-8835)





## Communication Technology Solutions

Project Location - Fort Bend County  
 Address - 12550 Emily Court Sugarland, TX. 77478

Quotation - Network Cabling  
 Estimator - Carlos Yopez

### Pricing Breakdown

Manufacturer	Part #	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
BELDEN	2414	CAT 6A BLUE CABLE	300	FT	\$ 0.713	\$ 213.90
BELDEN	AX101327	CAT 6A JACK BLUE - KEYSTONE	2	EA	\$ 13.940	\$ 27.88
PANDUIT	JP2W-L20	J-HOOK WITH WIRE AND SHOT	5	EA	\$ 3.750	\$ 18.75
MCA	3/4" & 1/4"	LABELS	4	EA	\$ 0.380	\$ 1.52
LABOR HOURS	5	LABOR RATE PER HOUR	\$ 40.00	SUBTOTAL LISTED MATERIAL COST		\$ 262.05
		PROJECT MANAGEMENT FEE (INCLUDES QA, SURVEY DOCUMENTATION, ETC.)	\$ 11.81	MISC. MATERIAL COSTS + SHIPPING/HANDLING, ETC.		\$ 15.71
		TOTAL LABOR COST	\$ 211.81	TOTAL MATERIAL COST		\$ 277.76
				TOTAL PROJECT COST		\$ 489.57





*Communication Technology Solutions*

Date: March 15, 2024

Filename: FBC- OM3 MM FIBER INSTALL

**Fort Bend County  
Network Cabling  
Scope of Work**

1) MCA will provide all material, supports, and testing to install a total of (1) 12 Strand MM Fiber Optic cable. All 12 Strand MM Fiber Optic cabling will terminate on LC MM QWIK 11 CONNECTS at both IDF/MDF ends. MCA will provide one 3M patch cord for each fiber cable installed in this proposal.

2) The new (1) 12 Strand MM Fiber optic cable will be installed at the Fort Bend County. Fiber will be pulled from the nearest IDF to MDF.

3) MCA/Belden will provide a 20 year system warranty upon completion of project.

**Total Project Cost:**

Material	\$	4,204.43
Labor	\$	2,042.14
<b>Total</b>	<b>\$</b>	<b>6,246.57</b>

**Payment Terms**

All invoicing will be on a Net 30- payment term from the date of invoice. MCA will invoice in full upon completion of the project. Change Orders will be billed in the same manner.

Sincerely,

*Carlos Yepez*

Project Manager

MCA Communications Inc.

483 W. 38th Street Houston, TX 77018

Email : [carlos.yepez@mcacom.com](mailto:carlos.yepez@mcacom.com)

Cell: 281-923-8835





## Communication Technology Solutions

Project Location - Fort Bend County  
 Address - 12550 Emily Court Sugarland, TX. 77478

Quotation - Network Cabling  
 Estimator - Carlos Yopez

### Pricing Breakdown

Manufacturer	Part #	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
COMMSCOPE	760134924	12 STRAND MULTIMODEMODE I/O PLENUM	800	FT	\$ 4.380	\$ 3,504.00
COMMSCOPE	760117887	LC CONNECTOR MM QWIK 11 CONNECTS	24	EA	\$ 16.090	\$ 386.16
PANDUIT	JP2W-L20	J-HOOK WITH WIRE AND SHOT	20	EA	\$ 3.750	\$ 75.00
MCA	3/4" & 1/4"	LABELS	4	EA	\$ 0.380	\$ 1.52
LABOR HOURS	39	LABOR RATE PER HOUR	\$ 50.00	SUBTOTAL LISTED MATERIAL COST		\$ 3,966.68
		PROJECT MANAGEMENT FEE (INCLUDES QA, SURVEY DOCUMENTATION, ETC.)	\$ 92.14	MISC. MATERIAL COSTS + SHIPPING/HANDLING, ETC.		\$ 237.75
		TOTAL LABOR COST	\$ 2,042.14	TOTAL MATERIAL COST		\$ 4,204.43
				TOTAL PROJECT COST		\$ 6,246.57





## Communication Technology Solutions

Date: March 15, 2024

Filename: FBC- OM4 FIBER INSTALL

### Fort Bend County Network Cabling Scope of Work

1) MCA will provide all material, supports, and testing to install a total of (1) 12 Strand OM4 Armored Fiber Optic cable. All 12 Strand OM4 Fiber Optic cabling will terminate on LC MM Unicam Connectors at both IDF/MDF ends. MCA will provide one 3M patch cord for each fiber cable installed in this proposal. **\* NOTE : Fiber can not exceed 800 ft due to 10G signal\***

2) The new (1) 12 Strand OM4 Armored Fiber optic cable will be installed at the Fort Bend County. Fiber will be pulled from the nearest IDF to MDF.

3) MCA/Belden will provide a 20 year system warranty upon completion of project.

#### Total Project Cost:

Material	\$	3,248.86
Labor	\$	2,042.14
<b>Total</b>	<b>\$</b>	<b>5,291.00</b>

#### Payment Terms

All invoicing will be on a Net 30- payment term from the date of invoice. MCA will invoice in full upon completion of the project. Change Orders will be billed in the same manner.

Sincerely,

*Carlos Yepez*

Project Manager

MCA Communications Inc.

483 W. 38th Street Houston, TX 77018

Email : [carlos.yepez@mcacom.com](mailto:carlos.yepez@mcacom.com)

Cell: [281-923-8835](tel:281-923-8835)





## Communication Technology Solutions

Project Location - Fort Bend County  
 Address - 12550 Emily Court Sugarland, TX. 77478

Quotation - Network Cabling  
 Estimator - Carlos Yepcz

### Pricing Breakdown

Manufacturer	Part #	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
CORNING	012T88-33180-A4	12 STRAND OM4 MULTIMODEMODE PLENUM	800	FT	\$ 3.190	\$ 2,552.00
CORNING	95-050-99-X	LC CONNECTOR MM UNICAM	24	EA	\$ 18.190	\$ 436.56
PANDUIT	JP2W-L20	J-HOOK WITH WIRE AND SHOT	20	EA	\$ 3.750	\$ 75.00
MCA	3/4" & 1/4"	LABELS	4	EA	\$ 0.380	\$ 1.52
LABOR HOURS	39	LABOR RATE PER HOUR	\$ 50.00	SUBTOTAL LISTED MATERIAL COST		\$ 3,065.08
		PROJECT MANAGEMENT FEE (INCLUDES QA, SURVEY DOCUMENTATION, ETC.)	\$ 92.14	MISC. MATERIAL COSTS + SHIPPING/HANDLING, ETC.		\$ 183.78
		TOTAL LABOR COST	\$ 2,042.14	TOTAL MATERIAL COST		\$ 3,248.86
				TOTAL PROJECT COST		\$ 5,291.00





## Communication Technology Solutions

Date: March 15, 2024

Filename: FBC- OSP FIBER INSTALL

### **Fort Bend County Network Cabling Scope of Work**

1) MCA will provide all material, supports, and testing to install a total of (1) 12 Strand SM OSP Fiber Optic cable. All 12 Strand SM Fiber Optic cabling will terminate on LC CONNECTOR SM QWIK 11 CONNECTS at both IDF/MDF ends. MCA will provide one 3M patch cord for each fiber cable installed in this proposal.

2) The new (1) 12 Strand SM Armored Fiber optic cable will be installed at the Fort Bend County. Fiber will be pulled from the nearest IDF to MDF.

3) MCA/Belden will provide a 20 year system warranty upon completion of project.

#### **Total Project Cost:**

Material	\$	3,702.23
Labor	\$	2,042.14
<b>Total</b>	<b>\$</b>	<b>5,744.37</b>

#### **Payment Terms**

All invoicing will be on a Net 30- payment term from the date of invoice. MCA will invoice in full upon completion of the project. Change Orders will be billed in the same manner.

Sincerely,

*Carlos Yepez*

Project Manager

MCA Communications Inc.

483 W. 38th Street Houston, TX 77018

Email : [carlos.yepez@mcacom.com](mailto:carlos.yepez@mcacom.com)

Cell: [281-923-8835](tel:281-923-8835)





## Communication Technology Solutions

Project Location - Fort Bend County  
 Address - 12550 Emily Court Sugarland, TX. 77478

Quotation - Network Cabling  
 Estimator - Carlos Yopez

### Pricing Breakdown

Manufacturer	Part #	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
COMMSCOPE	S-OP-12-LT-A-3E-BK-CMB	12 STRAND SINGLEMODE PLENUM RATED	800	FT	\$ 3.750	\$ 3,000.00
COMMSCOPE	760117888	LC CONNECTOR SM QWIK IT CONNECTS	24	EA	\$ 17.340	\$ 416.16
PANDUIT	JP2W-L20	J-HOOK WITH WIRE AND SHOT	20	EA	\$ 3.750	\$ 75.00
MCA	3/4" & 1/4"	LABELS	4	EA	\$ 0.380	\$ 1.52
LABOR HOURS	39	LABOR RATE PER HOUR	\$ 50.00	SUBTOTAL LISTED MATERIAL COST		\$ 3,492.68
		PROJECT MANAGEMENT FEE (INCLUDES QA, SURVEY DOCUMENTATION, ETC.)	\$ 92.14	MISC. MATERIAL COSTS + SHIPPING/HANDLING, ETC.		\$ 209.55
		TOTAL LABOR COST	\$ 2,042.14	TOTAL MATERIAL COST		\$ 3,702.23
				TOTAL PROJECT COST		\$ 5,744.37





## Communication Technology Solutions

Date: March 15, 2024

Filename: FBC- SM FIBER INSTALL

### Fort Bend County Network Cabling Scope of Work

- 1) MCA will provide all material, supports, and testing to install a total of (1) 12 Strand SM Armored Fiber Optic cable. All 12 Strand SM Fiber Optic cabling will terminate on LC SM Unicam Connectors at both IDF/MDF ends. MCA will provide one 3M patch cord for each fiber cable installed in this proposal.
- 2) The new (1) 12 Strand SM Armored Fiber optic cable will be installed at the Fort Bend County. Fiber will be pulled from the nearest IDF to MDF.
- 3) MCA/Belden will provide a 20 year system warranty upon completion of project.

#### Total Project Cost:

Material	\$	3,229.66
Labor	\$	2,042.14
<b>Total</b>	<b>\$</b>	<b>5,271.80</b>

#### Payment Terms

All invoicing will be on a Net 30- payment term from the date of invoice. MCA will invoice in full upon completion of the project. Change Orders will be billed in the same manner.

Sincerely,

*Carlos Yepez*

Project Manager

MCA Communications Inc.

483 W. 38th Street Houston, TX 77018

Email : [carlos.yepez@mcacom.com](mailto:carlos.yepez@mcacom.com)

Cell: [281-923-8835](tel:281-923-8835)





## Communication Technology Solutions

Project Location - Fort Bend County  
 Address - 12550 Emily Court Sugarland, TX. 77478

Quotation - Network Cabling  
 Estimator - Carlos Yopez

### Pricing Breakdown

Manufacturer	Part #	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
CORNING	012EB88-33131-A3	12 STRAND SINGLEMODE PLENUM RATED	800	FT	\$ 3.130	\$ 2,504.00
CORNING	95-200-94	LC CONNECTOR SM UNICAM	24	EA	\$ 19.440	\$ 466.56
PANDUIT	JP2W-L20	J-HOOK WITH WIRE AND SHOT	20	EA	\$ 3.750	\$ 75.00
MCA	3/4" & 1/4"	LABELS	4	EA	\$ 0.380	\$ 1.52
LABOR HOURS	39	LABOR RATE PER HOUR	\$ 50.00	SUBTOTAL LISTED MATERIAL COST		\$ 3,047.08
		PROJECT MANAGEMENT FEE (INCLUDES QA, SURVEY DOCUMENTATION, ETC.)	\$ 92.14	MISC. MATERIAL COSTS + SHIPPING/HANDLING, ETC.		\$ 182.58
		TOTAL LABOR COST	\$ 2,042.14	TOTAL MATERIAL COST		\$ 3,229.66
				TOTAL PROJECT COST		\$ 5,271.80



# Table of Contents

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## **6. SUPPORT , QUALIFICATIONS, AND REFERENCE**

## **7. EXCEPTIONS, ASSUMPTIONS, AND CLARIFICATIONS**

## **8. VALUE-ADD TO THE DISTRICT**





## GENERAL COMPANY OVERVIEW

MCA Communications (MCA) is a communications technology cabling and Integration Company that provides design, installation, maintenance and on-site staffing services for Infrastructure Cabling, Wireless and Audio-Visual Solutions. Our expertise is the Healthcare, Energy, Education, Enterprise and Government Markets.

Founded in 1983, MCA has grown from just a small communications contractor to one of the largest full-service technology integration companies in Texas. With a team of certified technology designers, project managers and installers, we can offer cost effective end-to-end solutions at the highest quality and fastest delivery time possible.

As an authorized reseller and certified installer for the top technology manufactures in the industry, we provide our customers with a single source resource for technology procurement and integration. Thanks to our strategic alliances with global manufactures and distributors, we command unmatched buying power and can offer product at a reduced cost to our clients.

## MISSION STATEMENT

To provide cost effective technology solutions that bring the best value to our clients. To build long-term relationships with our clients, manufacture partnerships and employees.

## SNAPSHOT

- Headquarters in Houston TX
- 35+ years of IT, AV and Wireless installation and technology integration experience
- In-house design team: RCDD, CTS, AUTOCAD, BIM, IBWAVE
- In-house BICSI certified training facility
- Large installation team of certified technicians
- Certified Minority Business Enterprise
- Certified HUB – State of Texas
- Safety EMR of .7





## CORPORATE INFORMATION

**Legal Name of Firm:** MCA Communications Inc.

**Corporate Headquarters:** 483 W. 38<sup>th</sup> St., Houston TX 77018

**Phone:** 832.295-5110 **Fax:** 281.591.1243

**Type of Company:** Corporation

**Year Founded:** 1983

**Federal Tax ID #:** 76-0062422

**Dunn & Bradstreet Number:** 11-436-1033

**President/ CEO:** Rick Cortez **Email:** Rick.Cortez@mcacom.com

**Vice President:** Ricky Cortez **Email:** Ricky.C.Cortez@mcacom.com

**Current Number of Employees:** 50 office, 200 field

## INSURANCE & BONDING INFORMATION

**Bonding Agency:** Liberty Mutual

**Contact Name:** Michael Matthews **Phone:** 713.744.1763

**Bonding Capacity:** 5 Million

**Insurance Agency:** Alliant Insurance Services, Inc

**Contact Name:** Machel McKenzie **Phone:** 713.625.1062

**General Liability Limit:** 1 Million

**Umbrella Liability Limit:** 10 Million

**Safety Manager:** David Galindo **Email:** David.Galindo@mcacom.com

## FINANCIAL INFORMATION

**2019 Sales Revenue:** 45 Million

**2018 Sales Revenue:** 42.5 Million

**2017 Sales Revenue:** 43.2 Million

**Largest Contract Completed:** 27 Million over 2 years, Houston Independent School District

**Average Project Size Completed:** \$750,000.00

**\*\*Financial statements will be provided upon request\*\***





## COMPANY CERTIFICATIONS

- Texas Historically Underutilized Business (HUB) – see attached
- Minority Business Enterprise (MBE) – see attached

## SURETY LETTER

- See Attached







*Communication Technology Solutions*

**Installation Methodology.**

Proposer shall provide installation methodology for a multi-campus interactive panels project with fast-paced schedule. For this exercise shall assume the scenario projects consists of the following campus types data cabling and fiber at Fort Bend County.

**Methodology**

MCA Communications has several experiences on K12 to manage small, middle and large size data cabling & fiber optics for any future projects at Fort Bend County.

After the school district determined the schools, MCA will work the follow steps apply.

1. Who will be the point of contact from the project?
2. MCA Communications will assign a Project Manager/Estimator to do a survey in case it is need it for the campus
3. After MCA Communications received the purchase order. MCA will start the logistics with each campus with the contact. Topics of logistics.
  - a) Schedule to work in the campus.
  - b) Proceed to sign-in in the school buildings and if our teams require any special ID for the school district.
  - c) Introducing our team in each project.
  - d) Storage for materials and equipment. If the school building doesn't have space to storage. MCA Communications will storage the equipment in MCA warehouse for each quote & MCA will invoice only materials soon we received the materials.
  - e) Restroom that our teams we will be able to use in the school.
  - f) Any specific directions from the school district on each project if it is need it.
4. Proposer shall provide it is approach on the follow task in preparation for and implement of the project.
  - a) MCA Communications will provide a document with test results, drawings and warranty.



- b) Installation will be based of the scope work, survey, and agreement with the school district.
- c) MCA will approach the client before to start any project for any specific details of the projects.





*Communication Technology Solutions*

**Exceptions, Assumptions and Clarifications.**

1. MCA Communications will invoice the materials per school after we received in MCA warehouse providing the serial numbers and the manufacturer warranty.
2. Manufacture warranty does not include the labor to exchange any manufacture defected device. MCA will send a quote to exchange any device with the RMA.
3. After any completed installation in the campus and the customer sing off with the agreement of the completed installation, any change will be a change order.
4. Exclusions: Freight cost in the quote cannot be honor if the price increase when we place the materials order. MCA will send a send quote to the customer to cover any increase on the freight. MCA will not charge any additional freight cost if the distribution companies do not increase the freight cost.

**Lead-Times for Materials:**

Please understand that MCA has no control over Manufacturer stock availability, and MCA will not know if certain items are on backorder until order is placed. Currently, manufacturers will not hold product without a PO, and will distribute them based on date of the PO was issued if on backorder.

**Covid-19 Pandemic Alert:**

Due to the current health crisis currently ongoing within the USA and specifically in Houston Texas and surrounding areas. MCA cannot and will not adhere to any defined installation dates or due dates for this project. MCA will work with the customer and will do the best possible to get the project completed in a timely manner. MCA will conduct our installation in a safe manner and as mandated or ordered by the Fort Bend County & State Texas, or by the federal government agencies of the USA during this health crisis

of



**WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT**

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Blanket Waiver of Subrogation as required

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement  
Insured ElevationHR, LLC

Effective Policy No.  
KEY0141558

Endorsement No. 65022267  
Premium

Insurance Company StarNet Insurance Company

Countersigned by 

11/20/2021  
11/20/2022

WC 00 03 13  
(Ed. 4-84)

11/17/2021





**Communication Technology Solutions**

## Terms and Conditions

**Undeliverable or refused shipments subject to 15% restocking fee and shipping and handling charges.**

### **Warranty**

MCA Communications gives 30-day parts and labor warranty from the date of invoice on the majority of items purchased from us except where indicated otherwise on the invoice. Certain items may be covered directly by the manufacturer after the 30-day period. In these cases, after the 30-day warranty from MCA Communications expires, it is the buyer's responsibility to deal directly with the manufacturer for any warranty-related issues. We do not guarantee compatibility with any specific operating system, software or platform. Please make sure that the item you are purchasing is compatible with the platform that you intend to install it prior to ordering it.

**Damaged Product:** Any product "disassembled" by the customer will VOID all warranties.

### **Product Returns (RMA)**

Product should only be returned to MCA Communications if it is defective (used batteries not included). In case you are not completely satisfied with the product/s and you want to return the product/s, you will be subjected to 15% restocking fee. Please return the product within 30 days of receipt. Refunds will be issued within 7-10 business days upon receipt of product at MCA Communications. Returned items must be complete with no missing parts. Goods returned incomplete will be sent back at buyer's expense. Beyond that, all sales are final. **Shipping charges are not refundable/Customer is responsible for all shipping costs back to MCA Communications.**

**RMA Details:** Be specific when listing the reason for return and include in written form with the product. This will assist us in making a correct determination as to problem resolution.

**Pack Returns Carefully:** Customers must pack defective items being returned as if they were new and working. Failure to do so may invalidate both the RMA and the warranty. MCA Communications is not responsible for goods that are damaged during shipment or misused/abused by the customer/carrier.

**Send RMA To:** MCA Communications Attn: RMA Dept. 483 W 38<sup>th</sup> St. Houston TX 77018

**Out of Warranty Items:** Items sent to MCA Communications that are OUT OF WARRANTY will be returned to the customer at the customer's expense unless stated otherwise.

**Replacement Shipping:** Replacement RMA items will be shipped back to customers via FedEx or UPS Ground at the customer's expense unless stated otherwise.

### **Other Terms and Conditions**

**TERMS OF WARRANTIES.** The Thirty-day Parts & Labor Limited Warranty becomes effective on the date of shipment from the Seller. All warranties are granted to the initial customer end-user only and are nontransferable. Removal of hardware from a System and use of such hardware in a different system or configuration avoids all applicable limited warranties. Any claims under these warranties must be made before the end of the applicable warranty period. During such period, if MCA Communications determines that a part or system is defective in material or workmanship, MCA Communications, at its option, will provide you with a repaired part or system or replace any part or system that is covered by the applicable warranty. The Thirty-day Replacement Parts Limited Warranty covers only defects arising under normal use and do not include malfunctions or failures resulting from misuse, abuse, neglect, alteration, problems with electrical power, usage not in accordance with product instructions, acts of nature, unusual temperatures or humidity, improper installation, or damage determined by MCA Communications to have been caused by the customer, or repairs made by anyone other than MCA Communications.

IN NO EVENT SHALL MCA Communications or our affiliates BE LIABLE TO YOU OR ANY THIRD PARTY FOR LOST PROFITS OR OTHER SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, LOSSES, COSTS OR EXPENSES OF ANY KIND, HOWEVER CAUSED, AND WHETHER BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE), OR ANY OTHER THEORY OF LIABILITY REGARDLESS OF WHETHER MCA Communications HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, LOSSES, COSTS OR EXPENSES. THE TOTAL LIABILITY IN CONTRACT, TORT, OR OTHERWISE UNDER THIS AGREEMENT SHALL NOT EXCEED THE AMOUNT PAID TO YOU BY SELLER UNDER THIS AGREEMENT. EXCEPT AS SET FORTH HEREIN, MCA Communications MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, AND DISCLAIM AND NEGATE ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND CONFORMITY TO MODELS OR SAMPLES. SOME JURISDICTIONS DO NOT ALLOW LIMITATIONS ON IMPLIED WARRANTIES, SO THESE LIMITATIONS MAY NOT APPLY TO YOU. The warranties set forth herein give you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction. No variation or exceptions in the terms stated herein can be made. A "full refund" as used above shall include the purchase price paid by the customer, but shall not include shipping costs, insurance or, if applicable, import and export duties, and any other fees and charges imposed by government or quasi-governmental agencies, all of which must be paid by you.





## *Communication Technology Solutions*

GOVERNING LAW, JURISDICTION AND COSTS: These limited warranties are incorporated into and are essential and material provisions of the Terms and Conditions of Sale of Seller's parts and systems to you. All disputes arising out of or related to the limited warranties set forth herein (customer disputes) shall be governed by the laws of the State of Texas. The customer hereby consents to the

jurisdiction and venue of the State courts of Texas to resolve any and all customer disputes with Seller and the customer waives all defenses to such jurisdiction and venue including, but not limited to, any defense based on inconvenient forum. In the event the customer and Seller are unable to resolve any customer dispute, and any collection action, suit or other judicial proceeding is commenced, the prevailing party in any such collection action, suit or judicial proceeding shall be entitled to recover its costs and reasonable attorneys' fees incurred. All Trademarks are property of the registered owner.



## Vicente Mederos

Sr. Estimator, K12 Director

Email: [Vicente.Mederos@mcacom.com](mailto:Vicente.Mederos@mcacom.com)

Phone: 832. 722-5645

### Summary

As an estimating Engineer/Project Manager, Vicente has been with MCA for 14 years and has successfully integrated emerging technologies into comprehensive communication solutions for a variety of customers. His expertise includes estimating and managing projects from data center build-outs to multi story/site medical facilities and audio visual installations. Vicente's involvement with a project begins with the bid proposal process, and after award, continues throughout the duration of the schedule as the assigned Project Manager. As a much involved project manager, Vicente stays in full command of his projects by insuring they are implemented on-time and under budget all the while following the project specifications.

### Expertise

- Network Design
- Audio Visual Design
- Planning and Development
- Complex Project Management
- Safety & Quality Compliance
- Team Leadership
- Cost Budgeting/Estimation
- Risk Assessment and Scope
- Fast Track Projects

### Notable Projects

- Houston Independent School District
- Fort Bend Independent School District
- Lockhart Independent School District
- Klein Independent School District
- Cy Fair Independent School District
- Region 6
- Pasadena Independent School District
- Austin Independent School District

### Certifications and Designations

- BICSI - RCDD Certification

### Professional Training

- 10 Hour OSHA Training
- Fluke Testing and Certification/Copper & Fiber
- American Red Cross CPR/First Aid





THIS CERTIFIES THAT

**MCA Communications, Inc.**



\* Nationally certified by the: **HOUSTON MINORITY SUPPLIER DEVELOPMENT COUNCIL**

\*NAICS Code(s): 517911; 238990

\* Description of their product/services as defined by the North American Industry Classification System (NAICS)

12/18/2023

**Issued Date**

HS03736

**Certificate Number**

01/31/2025

**Expiration Date**

A handwritten signature in black ink, appearing to read "Ying McGuire", is positioned above the printed name.

**Ying McGuire  
NMSDC CEO and President**

A handwritten signature in blue ink, appearing to read "Ingrid M. Robinson", is positioned above the printed name.

**Ingrid M. Robinson, President**

By using your password (NMSDC issued only), authorized users may log into NMSDC Central to view the entire profile: <http://nmsdc.org>

*Certify, Develop, Connect, Advocate.*

\* MBEs certified by an Affiliate of the National Minority Supplier Development Council, Inc.®



# Texas Historically Underutilized Business (HUB) Certificate



Certificate/VID Number: 1760062422900  
Approval Date: December 18, 2023  
Scheduled Expiration Date: January 31, 2025

In accordance with the Memorandum of Agreement between the  
HOUSTON MINORITY SUPPLIER DEVELOPMENT COUNCIL (HMSDC)  
and the Texas Comptroller of Public Accounts (CPA), the CPA hereby certifies that

## MCA Communications, Inc.

has successfully met the established requirements of the State of Texas Historically Underutilized Business (HUB) Program to be recognized as a HUB. This certificate printed **December 18, 2023**, supersedes any registration and certificate previously issued by the HUB Program. If there are any changes regarding the information (i.e., business structure, ownership, day-to-day management, operational control, addresses, phone and fax numbers or authorized signatures) provided in the submission of the business; application for registration/certification into HMSDC's program, you must immediately (within 30 days of such changes) notify HMSDC's program in writing. The CPA reserves the right to conduct a compliance review at any time to confirm HUB eligibility. HUB certification may be suspended or revoked upon findings of ineligibility. If your firm ceases to remain certified in the HMSDC's program, you must apply and become certified through the State of Texas HUB program to maintain your HUB certification.

---

*Statewide HUB Program  
Statewide Procurement Division*

Note: In order for State agencies and institutions of higher education (universities) to be credited for utilizing this business as a HUB, they must award payment under the Certificate/VID Number identified above. Agencies, universities and prime contractors are encouraged to verify the company's HUB certification prior to issuing a notice of award by accessing the Internet (<https://mycpa.cpa.state.tx.us/tpasscmbsearch/index.jsp>) or by contacting the HUB Program at 512-463-5872 or toll-free in Texas at 1-888-863-5881.



# Omero Rocha

Project Manager

Email: [Omero.Rocha@mcacom.com](mailto:Omero.Rocha@mcacom.com)

Phone: 281-960-7650

## Summary

Omero has over 10 years of Supervisory experience in low-voltage system projects for both new construction and site-specific maintenance with an extensive background of consistent project achievements. Omero possesses strong organizational skills and planning to ensure the success of his projects from both the quality installation standpoint as well as materials and manpower acquisition. Omero is BISI certified as well as carrying multiple manufacture certifications. Affluent in all aspects of low-voltage systems and the requirements for installation to meet all codes and standards.

## Expertise

- Network Design
- Materials Acquisition
- Planning and Development
- Complex Project Management
- Safety & Quality Compliance
- Team Leadership
- Codes and Standards
- Risk Assessment and Scope
- Fast Track Projects

## Notable Projects

- Houston Independent School District
- Fort Bend Independent School District
- MemorialHermann
- Lamar Consolidated Independent School District
- Cy Fair Independent School District
- Northside Independent School District

## Certifications and Designations

- BICSI –Installer II Copper

## Professional Training

- 30 Hour OSHA Training
- BICSI DD-102 Designing Telecommunications Distribution Systems
- BICSI DD-120 Grounding and Bonding
- Structured Cabling DePloy Certification (Panduit)
- Fluke Testing and Certification/Copper & Fiber
- American Red Cross CRP/First Aid
- School of Emergency Technologies 4K (Extron)





## Kodi Wright

Sr. Estimator, Project Manager

Email: [kodi.wright@mcacom.com](mailto:kodi.wright@mcacom.com)

Phone: 832-767-8721

### Summary

As an estimating Engineer/Project Manager, Kodi has been with MCA for 4 years and has successfully integrated emerging technologies into comprehensive communication solutions for a variety of customers. His expertise includes estimating and managing projects from data center buildouts to multi story/site medical facilities. As a hands-on project manager, Kodi stays in full command of his projects by insuring they are implemented on-time and budget and true to specifications. Kodi's involvement with a project begins with the bid proposal process, and after award, continues throughout the duration of the schedule as the assigned Project Manager. As a much-involved project manager, Kodi stays in full command of his projects by insuring they are implemented on-time and under budget all the while following the project specifications. Kodi holds a Bachelor of Science in Construction Management from The University of Houston.

### Expertise

- |                              |                               |  |
|------------------------------|-------------------------------|--|
| • Network Design             | • Materials Acquisition       | • Planning, Scheduling and Development |
| • Complex Project Management | • Safety & Quality Compliance | • Team Leadership                      |
| • Cost Budgeting/Estimation  | • LAN/WAN Implementation      | • Risk Assessment & Scope              |
| • Fast Track Projects        | • MDF/IDF Buildout            | • OSP cable installation               |

### Notable Projects

- MD Anderson – Zayed Building 13-story
- MD Anderson – Multi building projects
- MD Anderson – Outside Plant Fiber Installations
- MD Anderson DAS Installation (Campus Wide)
- UTMB – Victory Lakes Expansion
- Hess – Data Centers
- Houston Airport System – Bush Intercontinental – Spirit Airlines
- United Airlines – 609 Main (Operations Support Center)
- United Airlines – Terminal C North
- Anadarko / Oxy 3 Building Campus Design Build – Midland TX

### Professional Training

- 30 Hour OSHA Training
- BICSI ID# 328594
- Design Certifications – Multiple manufactures (Including Siemons and Systimax)
- Fluke Testing and Certification/Copper & Fiber





## PROJECT TEAM

<u>NAME</u>	<u>TITLE</u>	<u>YRS/EXPERIENCE</u>	<u>YRS AT MCA</u>	<u>AREA OF EXPERTISE</u>
Ricky Cortez	CEO	20	20	Network Cabling, AV Wireless
Vicente Mederos	Sr. Estimator	14	14	Network Cabling, AV Wireless
Omero Rocha	Estimator	10	10	Data/ AV Wireless
Delfino Estrada	Project Manager	11	11	Data/ AV Wireless
Jacob Benitez	Lead Service Tech	11	11	Data/ AV Wireless
Ezequiel Montano	Project Manager	12	12	Data/ AV Wireless
Josue Mederos	Jr. Estimator	5	5	Data/ AV Wireless
Augustine Montes	Sr. Estimator	8	8	Data/ AV Wireless
David Galindo	Safety Manager	25	3	Network Cabling, Safety





## CUSTOMER REFERENCES (PARTIAL)

### Education References

School Name: Houston Independent School District  
Contact Name: Jose Cervera  
Phone: 832-428-1135  
Email: jcervera@houstonisd.org  
Address: 3200 Center St., Houston, Texas 77007

School Name: Fort Bend Independent School District  
Contact Name: Frank Pannell  
Phone: 281-634-1327  
Email: Frankie.Pannell@fortbendisd.org  
Address: 555 Julie Rivers Dr, Sugar Land, TX 77478

School Name: Dickinson Independent School District  
Contact Name: Coy Powers  
Phone: 281-229-6116  
Email: cpowers@dickinsonisd.org  
Address: 2218 FM 517 East, Dickinson, Texas 77539

School Name: Cy Fair Independent School District  
Contact Name: Todd Sepulveda  
Phone: 281-897-3804  
Email: Todd.sepulveda@cfisd.net  
Address: 10300 Jones Rd., Houston, Texas 77065

School Name: Rice University  
Contact Name: John Thompson  
Phone: 713-348-3244  
Email: jthompso@rice.edu  
Address: 6100 Main St., Houston, Texas 77005

School Name: University of Houston  
Contact Name: Omar Farooq  
Phone: 832-842-4628  
Email: omar@uh.edu  
Address: 4333 University Dr., Rm. 58, Houston, Texas 77204-2002

School Name: Lone Star College  
Contact Name: Charles Grentz  
Phone: 281-312-1437  
Email: Charles.Grentz@lonestar.edu  
Address: 5000 Research Forest Dr., The Woodlands, Texas 77381





## SAFETY PROGRAM

### INSURANCE AGENCY INFORMATION

#### Alliant Insurance Services, Inc

2000 West Loop South

Suite 2150

Houston, TX 77027

### AGENT INFORMATION

- **Machelle McKenzie** [Machelle.McKenzie@alliant.com](mailto:Machelle.McKenzie@alliant.com) 281.536.5042

### EMR, TRIR RESPONSE

- See attached

### SAFETY PROGRAM

- See attached

### CERTIFICATE OF INSURANCE

- See attached

### WORK FORCE RESPONSE

- All of MCA Communications work force is "non-union".

### TRAINING REQUIREMENTS

- MCA requires that all of our technicians have a minimum OSHA 10 and specialized training in ladders, lifts, fall protection. Foreman are required to have OSHA 30 and other training such as confined space and specialty tools.







## **MCA HSE Goals, Objectives, & Targets**

We work together as **ONE TEAM** – employees, contractors, and suppliers – toward **ZERO** accidents or injuries.

MCA motto is: **SAFETY FIRST, SAFETY LAST, and SAFETY ALWAYS!**

Each of us is held accountable for our individual and team's health, safety, and for keeping the environment free from harm. We deliver our commitments by living the elements of our HSE Management system. MCA goals are to be pro-active in preventing any accidents and injuries.

MCA commitment to prevent injury and ill health of employees. Set clear HSE goals, objectives, targets, expectations, and results to deliver our business plans safely. MCA is committed to continuous improvement in HSE, to hurt nobody, to harm nobody, and to protect the environment in line with sustainable economic success.

MCA Senior Management will set clear HSE goals, objectives, targets, and expectations to deliver our business plans safely. MCA will carefully interview, select and train our employees so that they are able to perform their work safely. We will monitor our HSE performance and always seek improvements. We learn from incidents and take the necessary actions so that they don't happen again. MCA management will regularly review our performance and make adjustments in support of our goals and targets concerning accidents or injuries.

Meet all applicable HSE legal; and other requirements related to our activities, products and services.

Set annual HSE objectives, goals, target and openly report performance.

Ensure employees and contractor personnel are familiar with applicable management systems, and are trained to implement their work safely and with regard to the environment.

Perform audits to ensure compliance with the policy, and when necessary administer new policies as warranted.

Improve HSE performance continually through sharing our best practices and lessons learned.



## KEY RULE

**Safety First! Safety Last! Safety Always!**

**Do not take risks; the safest risk is the one you didn't take.**

**The following must be met:**

1. To ensure safety standards are set to reduce and or prevent injury – ensuring employee wellbeing and to meet our goals and targets.
2. Control Risk factors that affect operations/ people and the public. Reduce incidents – injury affects productivity and workplace compensations.
3. The policy governs and guides those that may be affected by its activities and includes MCA staff members and visitors.
4. Reiteration of compliance with applicable OSHA, state or local rules and regulations as set forth.
5. Commitment to prevent Pollution and illnesses.
6. The policy must be reviewed on an annual basis, to determine if the objectives remains in compliance, and to reveal areas where improvement may be required.

The policy is currently communicated and awareness created by providing a signed (and scanned where applicable) copy as follows:

- MCA HSE website – accessible to all employees.
- Posted policy in visible area(s).
- Available upon request from interested parties, such as suppliers.

### **Goals, Objectives, and Targets**

The approach used to establish the objectives and targets are on of discussion and mutual agreement between the relevant MCA functions and the Operations Department. Specific attention is given to objectives and targets to be realistic, measureable and achievable. Goals, Objectives, and targets are reviewed at planned intervals and in line with scheduled Management Reviews of the HSE system. There will be at least ONE review of this plan on an annual basis.

HSE Objectives and Targets are set with the projection of addressing the following requirements:

- Meeting its required HSE policy commitment set forth by the organization.
- The High risk/ environmental regulatory and legal compliance matters that affect the organization.
- Specific initiatives that have been set to achieve, as part of business processes and deliveries.



Such Goals, Objectives and Targets are respectively documented within the HSE system where monitoring in terms of its achievements are measured accordingly. Further processes established to measure progress of set objectives and targets are:

- Nonconformity Process;
- Measuring and Monitoring Process;
- Internal and External Audits and the
- Management Review Process

Our Goals, Objectives, and Targets are communicated within the organization by line management to create awareness and a culture of working together to achieve these amongst MCA staff members.





January 6, 2021

MCA Communications, Inc.  
483 W. 38th Houston  
Houston, TX 77018

We are pleased to present to you both our Experience Modification Factor (EMR) and Total Recordable Incident Report (TRIR) for the past 5 years.

Effective Date:	Experience Modification Factor (EMR):
2016	.74
2017	.74
2018	.78
2019	.69
2020	.71

Effective Date:	Total Recordable Incident Report (TRIR):
2016	.41
2017	.34
2018	.40
2019	.40
2020	.38

Ricky C. Cortez, President

Signature: \_\_\_\_\_

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

1-6-2021



# Craft Training Endorsement

**Construction Career Collaborative**

recognizes

**MCA  
Communications**

as a Craft Training Champion



In recognition of the company's achievement and ongoing efforts in the development of a Champion Level Craft Training program in the Commercial Construction Industry.

Valid thru March 19, 2024



# Quality Plan

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Project Name:

*Fort Bend County Voice and Data  
Cabling Labor and Materials.*



## Document Change Control

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The following is the document control for the revisions to this document.

Version Number	Date of Issue	Author(s)	Brief Description of Change
Version 1.0	11/30/2021	Vicente Mederos, RCDD, Sr. Estimator	Initial version for review and comment
Version 1.1	11/30/2021	Omero Rocha- Project Manager	Incorporated changes for project specifics

## Definition

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The following are definitions of terms, abbreviations and acronyms used in this document.

Term	Definition
ANSI	American National Standards Institute
TIA	Telecommunication Industry Association
EIA	Electronic Industries Alliance
BICSI	Building Industry Consulting Service International
QC	Quality Control
OBS	Organizational Breakdown Structure
MCA	MCA Communications, Inc.
E&C	Engineering & Construction



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## **1. Purpose**

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This document establishes the Quality Plan of MCA Engineering and Construction to provide the necessary controls, supervision, inspections, and tests of all items of work required by the specifications, including that of suppliers and subcontractors, which will ensure compliance with all contract documents and applicable standards related to contractor-furnished and installed equipment, materials, workmanship, construction, finish, functional performance, and identification.

## **2. Policy**

---

MCA Engineering & Construction, through the utilization of a Quality Plan, strives to obtain a uniform, high quality level of workmanship throughout all phases of procurement, fabrication, construction, installation of equipment and facilities, and start-up and testing. To assure this end, the following principles will be observed:

- 2.1 Assure the highest quality by maintaining supervised controls and written instructions governing quality control procedures and practice; establish clearly defined responsibility and authority for compliance.
- 2.2 Conform to all contractual requirements, specifications, standards, and the performance-proven MCA Quality Plan. Compile accurate records of inspections, tests, certifications and other required documentation.
- 2.3 Initiate procedures which will anticipate and pre-empt deficiencies or practices which might lead to unsatisfactory quality. This includes using qualified specialists whenever appropriate.
- 2.4 Notify Quality Manager and the Authorized Representative of quality discrepancies for immediate corrective action. Assure that corrective action is implemented properly.

## **3. Organization**

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### **3.1 Project Organizational Breakdown Structure**

See attached.

### **3.2 Quality Manager**

The Quality Manager reports to and receives his authority directly from MCA Project Manager. He is responsible for formulating and implementing the written procedures and instructions contained in this plan. Actual practices are not limited to this plan and where a discrepancy exists between this plan and the contract requirements, the contract requirements shall prevail. Consults with project supervisory personnel to assure compliance with the quality requirements of the contract. Coordinates the quality efforts of subcontractors and suppliers to correspond with the overall Quality Plan. The Quality Manager shall provide direct feedback and advise the Owner's Authorized Representative regarding the effectiveness of the quality organization, including, but not limited to, coordination, field engineering, office engineering, and accounting for owner-furnished equipment, etc.



### **3.3 Quality Staff**

Quality functions will be carried out by additional quality personnel as appropriate, including but not limited to, Architectural/Structural Quality Engineer, Mechanical Quality Engineer, and Electrical Quality Engineer, whose responsibility it will be to check shop drawings, perform tests, perform inspections, and prepare daily all appropriate reports and documentation required by the contract documents. Mechanical and electrical will have their own quality personnel.

### **3.4 Subcontractors**

Where appropriate, subcontractors will be required to submit a Quality Plan to include in-house staff responsibilities and qualifications for review. The plan content must conform in essence to the MCA plan. All subcontractors will be responsible for their own quality assurance.

## **4. Procedures**

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### **4.1 Material Delivery/Storage**

Assure that all materials are handled and stored properly to prevent degradation of useful life, contamination, damage, or premature wear. Where appropriate, indoor (warehouse) storage will be mandatory to prevent damage from the elements. Premature deliveries will not be allowed.

### **4.2 Control of on-site construction**

MCA will perform sufficient inspections and tests of all items of work, including that of subcontractors to ENSURE conformance to applicable specifications and drawings with respect to the materials, workmanship, construction, finish, functional performance, and identification.

Wherever final acceptance or performance testing is required, a detailed written test procedure/plan and documentation forms will be furnished by MCA. Test plans will then be reviewed by all interested parties and revised accordingly.

The Quality Manager will perform at least three phases of inspection for all definable features of work, as follows:

#### **4.2.1 Preparatory Inspection**

Performed prior to beginning each definable feature of work.

- a. Review contract requirements and shop drawings/submittals. Verify approvals and conformance.
- b. Check to assure that all materials and/or equipment are on hand and have been tested, submitted, certified, and/or approved as required. Verify qualifications of construction installation personnel.
- c. Examine work area to assure that all preliminary work has been accomplished, including interface with other trades.
- d. Review potential safety and environmental hazards (see Safety Plan).



#### **4.2.2 Initial Inspection**

Performed as soon as a portion of the work has been accomplished.

- a. Check for compliance with contract documents.
- b. Check for use of defective or damaged materials.
- c. Check for compatibility with subsequent/adjacent work.

#### **4.2.3 Follow-Up Inspection**

- a. Assurance of continuous compliance with contract drawings and specifications.

#### **4.2.4 Inspection Responsibility**

See Section 5.2 on Schedule Responsibilities.

### **4.3 Off-Site Inspection**

Facilities of off-site distributor's and suppliers may be surveyed as required to assure that all requirements of the contract drawings and specifications are met and maintained, and to assure delivery of quality products. The results of each survey will be recorded on an appropriate form and will be made available to the Authorized Representative. The distributor or supplier will be notified of any deficiencies, and will be required to submit a report of corrective actions taken. MCA will inform the Authorized Representative of off-site surveys. All materials or equipment stored or inspected off-site will be permanently marked with the project and individual/unique identification to assure long-term control.

### **4.4 Inspection Documentation**

MCA will maintain complete and current records of all inspections and tests. These will include factual evidence that the required inspections and tests have been performed, including type and number of inspections or tests involved, results of inspections or tests; nature of defects, causes for rejection, etc.; proposed remedial action; and corrective actions taken. MCA records will cover both conforming and defective features, and will include a statement that all supplies and materials incorporated in the work are in full compliance with the terms of the contract. Legible copies of these records on an appropriate form will be furnished to the client as required.

### **4.5 Surveillance of Subcontractor's Operations**

Surveillance of the subcontractors' operations is the responsibility of the Quality Manager. Major deficiencies that come to the Quality Manager's attention will be recorded and transmitted to the related subcontractor. MCA's Quality Manager has authority to act directly with subcontractor representatives on routine quality activities. Major discrepancies will be followed up on a daily basis, upon correction of the major discrepancy, the date corrected will be noted and by whom.

### **4.6**

#### **Written Test Procedures**

It is a mandatory requirement that all installation/systems which require testing of any kind have detailed written test and acceptance procedures to include proposal documentation forms, qualifications of testing personnel, instrumentation to be used and standards of calibration for this instrumentation. These procedures must be submitted to project team for review prior to the applicable item being 50% complete but in no case later than 60 days prior to the proposed test or acceptance procedure.



#### **4.7 Drawing and Document Control**

Contract drawings, work orders, request for information, and change orders released for construction will also be issued to the Quality Manager. It is the responsibility of the Project Coordinator to forward all technical information and reviews to the Quality Manager. It is the responsibility of the Project Coordinator to post and maintain this technical information on a current basis. No contract document or technical information will be replaced or revised without receipt of a properly authorized change notice, revision, or equal.

#### **4.8 Material Certification**

Copies of all certifications received will be maintained in the procurement Department for receiving and record purposes. When the purchase order requires vendor certification of materials, equipment or supplies, such certification shall be verified as to accuracy and conformance, and may be used in lieu of a test for those properties covered by the certification. Copies of all certifications received will be maintained in the procurement files, and will be available to the Authorized Representative upon request or submitted to the Authorized Representative as provided in the contract specifications.

#### **4.9 Qualifications and Tracking work of Installers**

For each phase or areas of work, Project team shall ensure that appropriate standards and qualifications for craft proficiency are established. Where formal testing or certification is prerequisite, Project team shall ensure that proper documentation is received.

#### **4.10 Calibration of Equipment**

All field personnel furnished with measuring and test equipment shall be calibrated and maintained to specified standards. Records of calibration certifications will be maintained by the MCA Department and made available to the Authorized Representative upon request for verification of accuracy and condition.

**4.10.1** Each instrument will be plainly and permanently numbered; the equipment will be operated only by those persons directly responsible for the equipment or personnel under their cognizance.

**4.10.2** Each piece of equipment will be checked for accuracy as recommended by manufacturer for frequency of calibration. Required calibration of measuring and test equipment will be conducted by a certified laboratory.

**4.10.3** Measuring and test equipment dropped, damaged, or believed to be inaccurate will be removed from service and recalibrated.

#### **4.11 Final Inspection and Test**

Prior to final inspection or start of final acceptance tests, all systems being inspected or tested shall be verified to be completed by the Quality Manager, or a member of the project team. After verification, the final inspection or acceptance test may proceed in accordance with the following steps:

**4.11.1** Review written procedures and documentation forms.

**4.11.2** Verify that test personnel are qualified and have a working knowledge of the special characteristics of the instruments being used.

**4.11.3** Note the particular inspection or test equipment and criteria for successful completion of the required inspection or test.



4.11.4 Upon satisfactory verification of these requirements, the test may proceed. Each reading or result will be verified and documented by the Project Superintendent. All functional validations or tests will be witnessed by the project team, unless otherwise noted. No functional test will be accepted without properly authorized and approved test procedures.

4.11.5 The general requirements of final acceptance will include, but not be limited to, the following:

- a. Proven satisfactory performance.
- b. General appearance.
- c. Workmanship.
- d. Cleanliness of areas.
- e. Identification of equipment.
- f. Removal of unused material.
- g. Condition of job files and paper completion.

#### **4.12 Revision Policy**

Activities, programs, and procedures not covered in this Quality Plan, or proposals or additions to these standards shall be discussed at meetings held for that purpose at such times and places the Quality Manager may select. The Quality Manager shall take such action to inform interested parties and take appropriate steps to incorporate such revisions as deemed necessary. A record shall be kept of such meetings and interested parties present, together with the subject matter reviewed. Such meetings shall be held as required by changes in the contract specifications for the purpose of reviewing the Quality Plan, to entertain revisions, additions, or deletions. Such revisions shall be incorporated in the Quality Plan as first revision, second revision, etc., and a revised index page shall be included.

#### **4.13 Shop Drawing/submittals**

The Project Team will be responsible for reviewing shop drawings for Quality Assurance, for maintaining a submittal register and submittal file and for preparing various lists and reports as follows:

- 4.13.1 A list of outstanding shop drawings, submittals, and re-submittals requiring approval by the client.
- 4.13.2 A list of manuals, test reports, spares parts, keys, etc., to be furnished to the client, and schedule submittal dates.
- 4.13.3 List of outstanding deficiencies and plan of action by the project team for correcting any known deficiencies, including delay in scheduled progress.

#### **4.14 Inspection Discrepancy Procedure**

Intended as an enforcement system whereby all discrepancies in quality, workmanship, materials, equipment, suppliers, and/or unauthorized deviations from engineering requirements on specifications can be called to the attention of responsible Project Superintendent or Project Team.

- 4.14.1 Discrepancies will be recorded on the punch list report. Each discrepancy will be assigned a number as it's recorded.
- 4.14.2 When material, equipment, supplies, or workmanship do not conform to the contract drawings, the rejecting Quality Manager will initiate a punch list report and immediately furnish copies to Project Superintendent.



- 4.14.3** Upon reviewing the discrepancy report, the Quality Manager and the Project Superintendent will examine the rejected items. If in their opinion, any of the rejected items can be reworked to a usable condition, the discrepancy report will be so noted. However, if, in their opinion, the item cannot be reworked, either from a practical or economical standpoint, the item shall be scrapped and an entry made on the discrepancy report concluded to that affect.
- 4.14.4** Upon completion of rework on items specified for rework, the Project Manager will be notified, and the Quality Manager will re-inspect the item(s) to the original requirement, plus the rework information on the discrepancy report. If it is found acceptable, the discrepancy report will be so noted. From this point on, the item(s) will be handled in the normal manner. If, however, the item(s) is still not acceptable to the Quality Manager, due to poor workmanship, etc., arising from the rework, we will treat this item as a first time rejection and this will be resubmitted for inspection only after further rework.
- 4.14.5** The punch list report will be periodically reviewed by the Project Manager with the Project Superintendent to formulate a disposition of each listed uncorrected discrepancy. This will establish timetables for final resolution of all discrepancies.

## **5. Testing**

---

### **5.1 Standards, Codes and Methods**

Quality testing and inspection will be in accordance with the technical provisions of the contract documents, and will generally conform to the latest revision documents listed below:

- 5.1.1** Local Codes
- 5.1.2** National Electrical Code
- 5.1.3** National Electrical Safety Code
- 5.1.4** ANSI/TIA/EIA 568-B-1, B.2, B.3 and all published addenda
- 5.1.5** ANSI/TIA/EIA 569-B and all published addenda
- 5.1.6** ANSI/TIA/EIA 606-A
- 5.1.7** ANSI-J-STD-607
- 5.1.8** ANSI/TIA/EIA-758-A
- 5.1.9** ANSI/TIA/EIA-526-7
- 5.1.10** ANSI/TIA/EIA-526-14A
- 5.1.11** TIA/EIA/TSB-67
- 5.1.12** BICSI Installation Transport System Installation Manual
- 5.1.13** BICSI Telecommunications Distribution Methods Manual
- 5.1.14** BICSI Network Design Manual
- 5.1.15** BICSI Customer-Owned Outside Plant Design Manual



5.1.16 BICSI Electronic Security and Safety Design Manual

5.1.17 BICSI Wireless Design Manual

5.1.18 The manufacturer's installation instruction/specifications

## 5.2 Responsibilities by Specification

The following lists anticipated specification section and project team assigned to it. The Quality Manager will be responsible for assuring the work is installed and all testing is completed per the contract documents.

Project Team	Section	Description
--------------	---------	-------------

## 6. Documentation

6.1 All attachments will be submitted in duplicate on the first working day following the day covered by this report.

6.1.1 Copies of all inspection and test reports will be submitted at project completion, or when required.

6.2 MCA project team will ensure that all tests are performed as indicated in the contract documents using the appropriate test methods and recording forms.

6.3 The following list itemizes some of the forms, which the MCA project team will use. This list is not inclusive and may be revised and updated as conditions require. MCA records will be available for review by the Authorized Representative.

### 6.3.1 Quality Control Checklist

To be filled out by the Project Superintendent and his subordinates, as appropriate, covering the projects quality activities and submitted to the project team at project completion.

### 6.3.2 Punch List

Used to report discrepancies, both in materials and workmanship, noting deficiency and corrective completion. These punch lists are compiled and submitted to the project administrator for filing.



## 7. Project Quality Plan Signatures

---

*I have reviewed the information contained in the Fort Bend County Project Quality Plan and agree.*

NAME	ROLE	SIGNATURE	DATE

*The signatures above indicate an understanding of the purpose and content of this document by those signing it. By signing this document, they agree to this as the formal Project Quality Plan Document.*





## Pre-Start Quality Checks

**Initials:**

Was Additional training documented for the techs trained?	
---	--

Safety Glasses being used at all times?



## BIM (BUILDING INFORMATION MODELING)

### BIM SOFTWARE

- Autodesk AutoCAD® 2020 (primary)
- Autodesk Revit® 2018
- Autodesk BIM 360®

### COMMITMENT STATEMENT

MCA Communications is committed to the coordination of trades through the use of BIM. MCA currently has no projects that showcase the use of 3D modeling. However, MCA has the current technology and detailers to participate in that coordination process.







## SERVICE COMMITMENT

Our service is delivered by the most experienced team of consultants, project managers, and technicians in the Information Transport industry. With thousands of installations to our credit and a very intensive internal training program; MCA Communication offers practical, cost effective, total quality results. MCA Communications workmanship is of the highest standard insuring all components of a information transport system meet and exceed our customer's expectations. MCA Communications fully trained and experienced consultants, project managers and technicians achieve high standards by performing our work with proven procedures and state of the art equipment. All work is performed according to industry standards, field proven procedures, and all testing is performed to recognized industry test procedures using properly calibrated equipment.

## WARRANTY COMMITMENT

MCA Communications guarantees that we shall directly warranty the installation of manufactured materials and workmanship for a period of (1) year from the date of final acceptance of the system when MCA personnel provide installation, termination and testing services. MCA Communications will repair or replace such material or installation services if defective, provided notice is given within the warranty period. MCA Communications will not be liable for consequential damages.

## QUALITY COMMITMENT

It is the policy of MCA Communications to achieve *total quality through performance excellence*. *Performance excellence is quality in action – values, execution and improvement*. This means each of us, individually and in teams, will understand, anticipate and surpass the expectations of customers and markets without error, on time, every time.

## SAFETY COMMITMENT

The safety plan implemented at MCA Communications is designed to comply with the Standard of the Occupation Safety and Health Administration, and to maintain a safe and injury/illness free workplace. Compliance with all safety guidelines in place are mandatory and corrective action is immediately deployed in the event safety guidelines fall out of compliance. Upon hiring all employees are placed in a safety orientation and training. Additionally, weekly job site safety meetings are mandatory with attendance documented. MCA continually monitors safety and follows a "no one get's hurt" agenda.



## PROPOSED VALUE ENGINEERED ITEMS

MCA has no valued engineered items at this time.





## SELF-PERFORM WORK STATEMENT

MCA intends to perform 100% of all aspects of work on this project. MCA will not subcontract any or part of its scope under the contract documents.

## MANPOWER AVAILABILITY

Projected manpower currently committed through 2022-2023 on other projects does not meet our backlog of projects. MCA will have no issues staffing this project to meet schedule and needs for the Klein Independent School District.





## MATERIAL PROCURMENT PLAN

MCA works with different cable manufactures and distributors around the Houston area to get the best material pricing for our clients. We will have all material stage at a distributors warehouse, acting as our material storage for this project. MCA project managers and superintendents will work with to coordinate material deliveries, to be sure there is never a shortage of material, and our field technicians keep working toward the goal of substantial completion. Once the contract is awarded, MCA will create a material submittal package with table of contents Klein ISD portal work, broken out by section.

1. Based on the specs of this bid attributes 1 to 53 on the Klein ISD portal.
2. MCA will offer 25 year manufacture cabling warranty for new Cat 6 or Cat6A installation. Any exiting Cat5e cabling will not be cover in this bid.





# Qualifications Document





# Content

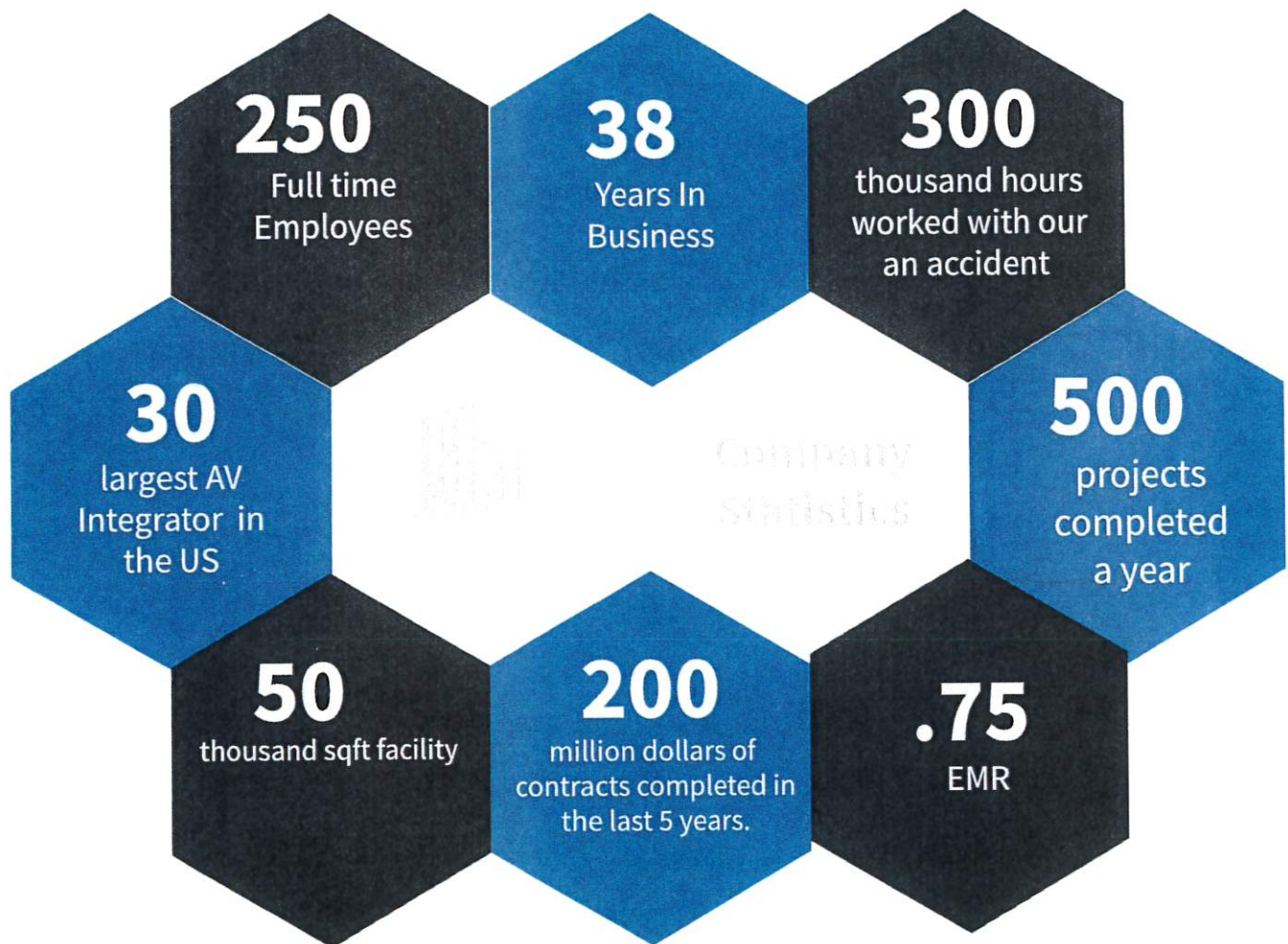


- About MCA
- Our Solutions and Services
- Our Manufacture Partners
- Our Clients
- Project References
- Value Add





# ABOUT MCA





# Solutions



Network Cabling Infrastructure and IT Hardware



Audio Visual and Collaboration Technology



Wireless / Distributed Antenna Systems



Digital Signage , Video Walls , Video Distribution

# Services

- Design and Engineering Services
- Installation and Integration Services
- Maintenance and Support Contracts
- Onsite Desktop/AV Support
- Progressional Services / IT Staffing
- Master Service Agreements



# OUR MANUFACTURE PARTNERS





# OUR CLIENTS



EXXON



CenterPoint  
Energy



TOTAL



verizon



T-Mobile

CROWN  
CASTLE



Hilton  
HOTELS & RESORTS

sodexo

Vitol



Air Liquide

houston  
foodbank



HOUSTON  
AIRPORTS

CHI St Luke's  
Health

MEMORIAL  
HERMANN

THE UNIVERSITY OF TEXAS  
MD Anderson  
Cancer Center  
Making Cancer History

HARVEY

UNIVERSITY OF  
HOUSTON



TEXAS TECH  
UNIVERSITY

ATM  
TEXAS A&M  
UNIVERSITY

RICE

Turner



JEDUNN  
CONSTRUCTION



STRUCTURETONE



# Largest Contracts Completed

**Client:** Houston ISD

**Total Contract Value:** \$54,000,000

**Scope of Services:** Network Cabling, Audio Visual

**Client:** Memorial Hermann

**Total Contract Value:** \$44,000,000

**Scope of Services:** Network Cabling, Audio Visual, Nursell , DAS, Wireless

**Client:** Chevron

**Total Contract Value:** \$43,000,000

**Scope of Services:** Network Cabling, Audio Visual, Nursell , DAS, Wireless

**Client:** ExxonMobil

**Total Contract Value:** \$24,000,000

**Scope of Services:** Network Cabling, Audio Visual, Nursell , DAS, Wireless

**Client:** MD Anderson Cancer Center

**Total Contract Value:** \$12,000,000

**Scope of Services:** Network Cabling, Audio Visual, Nursell , DAS, Wireless





# Technical Certifications



CORNING

Certified Designers &  
Installers

COMMSCOPE®  
SYSTIMAX®

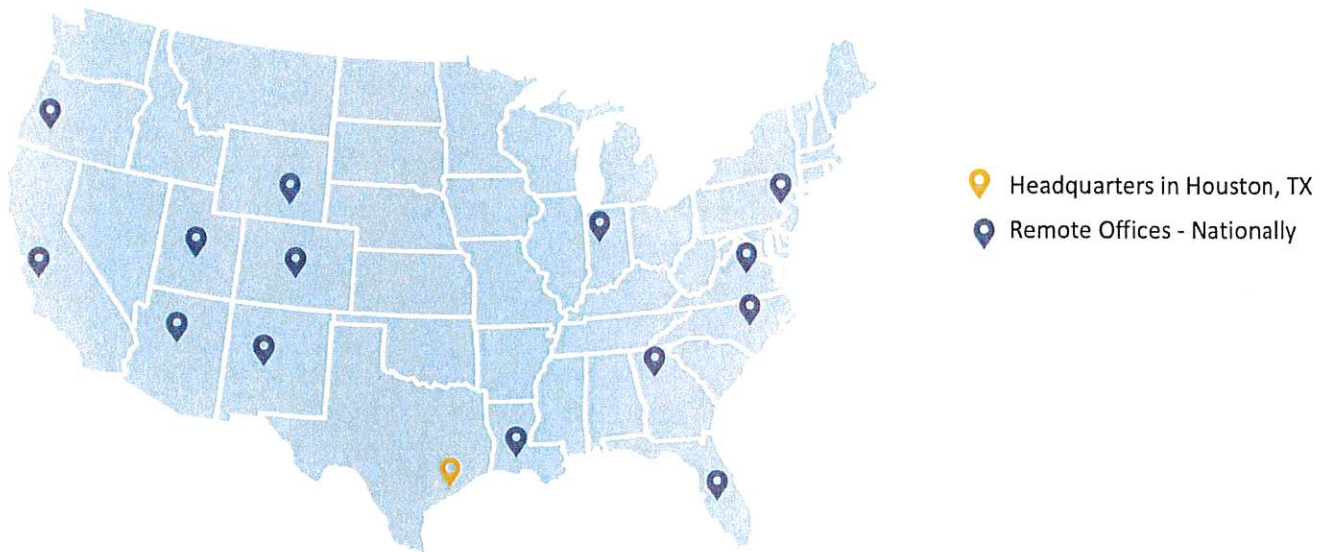


Avixa CTS  
Certified Technology Specialist





## Nation Wide Experience





# SAFETY RECORD

- EMR of .75
- Over 350,000 hours worked without a recordable.
- In- House Safety Manager and OSHA Trainer.
- All employees are OSHA Certified.
- Safety Award Winner for ExxonMobil and Chevron.





# OUR VALUE ADD

Our approach is to become a Technology Partner that you can use as an extension of your team.

- Dedicated Support Team of Subject Matter Experts
- 50,000 sqft Warehouse and Training Facility
- Material Storage and Logistics
- Product Training and Technology Demos.
- Value Added Reseller for over 100 Tech Brands
- Staffing Services
- Global and Nationwide Capacity
- Dedication to Customer Service





# Contact Information

## Corporate Office

MCA Communications, Inc.  
483 West 38th Street Houston, Tx 77018  
281-591-2434  
[www.mcacom.com](http://www.mcacom.com)

Ricky Cortez, CEO  
[Ricky.C.Cortez@mcacom.com](mailto:Ricky.C.Cortez@mcacom.com)  
832-295-5120 Direct

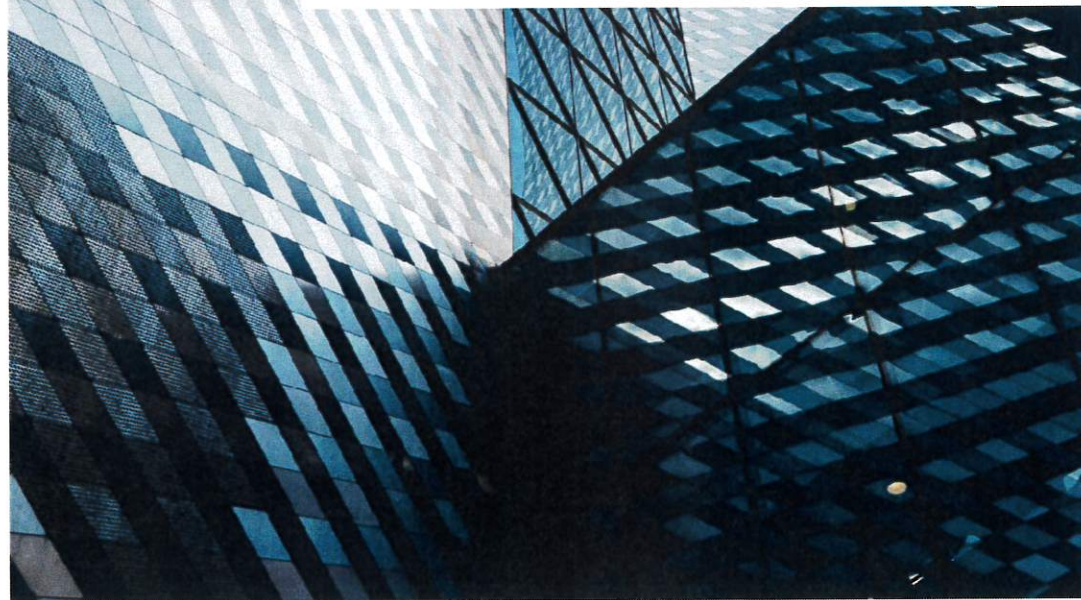


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**Interactive projector  
vs.  
Interactive display**

---

**MCA Demo Classroom  
&  
Accredited BICSI Training  
Center**







## **MCA Communications Inc.**

### **Purpose of Visit:**

On behalf of MCA Communications Inc.

I would like to extend an invitation to you and your team to visit the MCA Demonstration Classroom and Accredited Training Center located at 483 W 38th Street Houston Texas 77018.

MCA has assembled this demonstration specifically to provide options (interactive projector vs. interactive display) and a comparison of actual screen sizes for use in classrooms. During your visit, our intention is to help you choose technologies that may improve student outcomes and create an enjoyable experience for both student and teacher.

By participating in the live demonstration, we also hope to aid you in making the best solution for your student and teacher experiences. Below you will find graphics showing distances based on the screen size of comparable solutions (interactive projector vs. interactive display).

I am confident that by seeing our workflow in action you will understand how MCA can best serve you this school year. We have taken extra precautions during this time due to COVID and will limit the amount of people in the office to allow you to have a safe and enjoyable experience. Additionally, you will have the opportunity to tour our facilities and meet with our team members.

### **Description:**

The below graphics are a comparison of MCA certified specialized solutions. (Epson interactive projector 106" diagonal screen or a 65" interactive display) While we recognize that the interactive experience with displays are faster than interactive projectors, MCA's commitment to you is educating and demonstrating the best options when choosing the correct solution based on the reading distance and affordable prices.

Please contact:

**Omero Rocha**

Cell: 281.960.7650

Email: [Omero.Rocha@mcacom.com](mailto:Omero.Rocha@mcacom.com)

**Vicente Mederos**

Cell: 832.722.5645

Email: [Vicente.Mederos@mcacom.com](mailto:Vicente.Mederos@mcacom.com) **TIPS Contract 200105 & 200904**



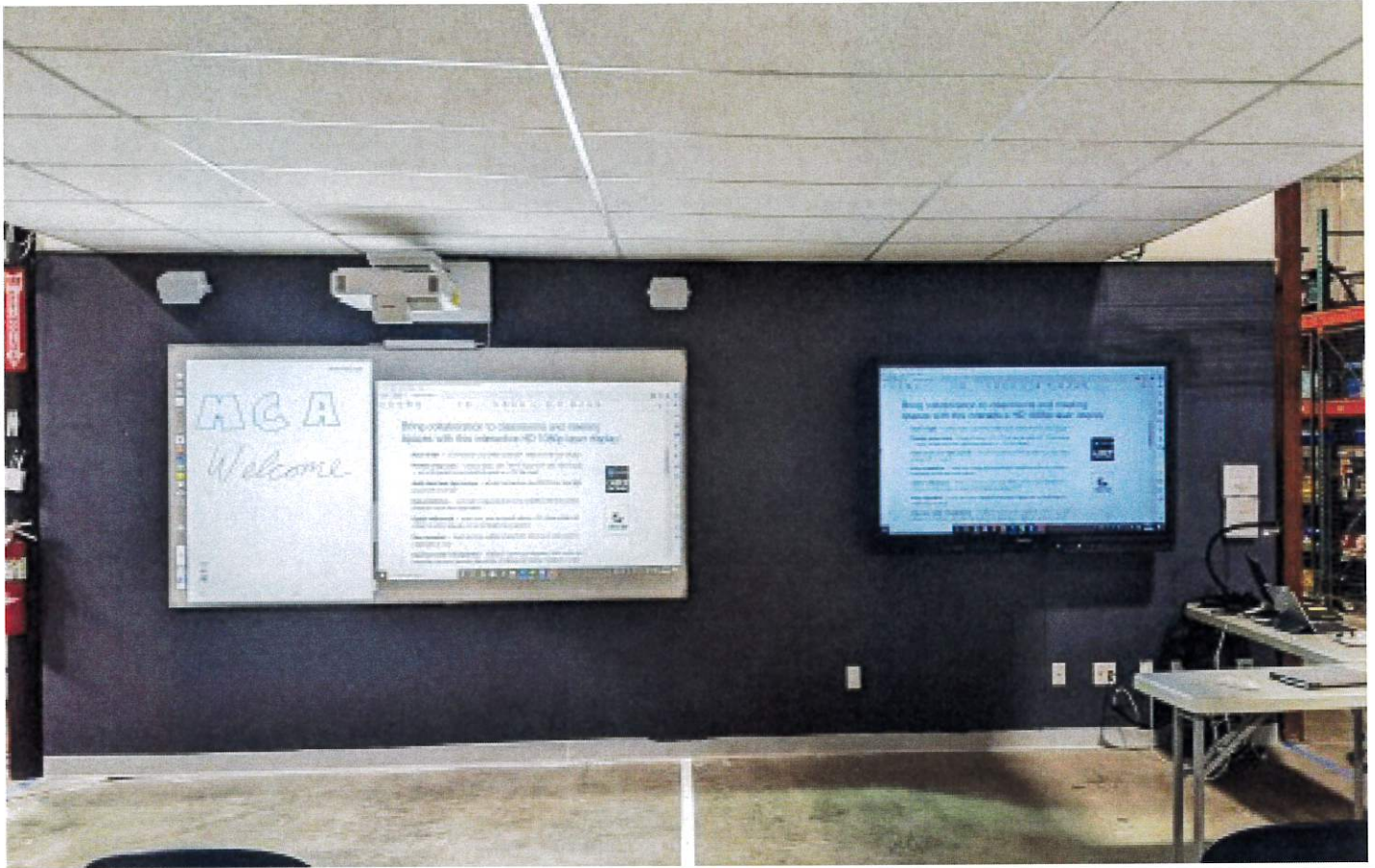
## INTERACTIVE DISPLAYS CAMPARISON

Manufacture/ Model Number	Diagonal Screen Size in Inches	Max Distance Including detail-view w/Clue 1080P
Clear Touch CTI-6065-UH22	65	15.8 Ft.
ViewSonic IFP6550	65	15.8 Ft.
Myriad 65GT-4K	65	15.8 Ft.
i3Tech EX	65	15.8 Ft.
Smart MX265	65	15.8 Ft.
Clear Touch CTI-6075-UH21	75	18.26 Ft.
ViewSonic IFP7550	75	18.26 Ft.
Myriad 75GT-4K	75	18.26 Ft.
i3Tech EX	75	18.26 Ft.
Smart MX275	75	18.26 Ft.
Clear Touch CTI-6086-UH20	86	20.93
ViewSonic IFP8650	86	20.93
Myriad 86GT-4k	86	20.93
i3Tech EX	86	20.93
Epson interactive projector 1485Fi with screen board 106" diagonal	106	24.34 Ft.
Epson interactive projector 1485Fi with screen board 116" diagonal	116	29.21Ft.
<b>Note: Detail-view with clue means optimal viewing / reading distance.</b>		

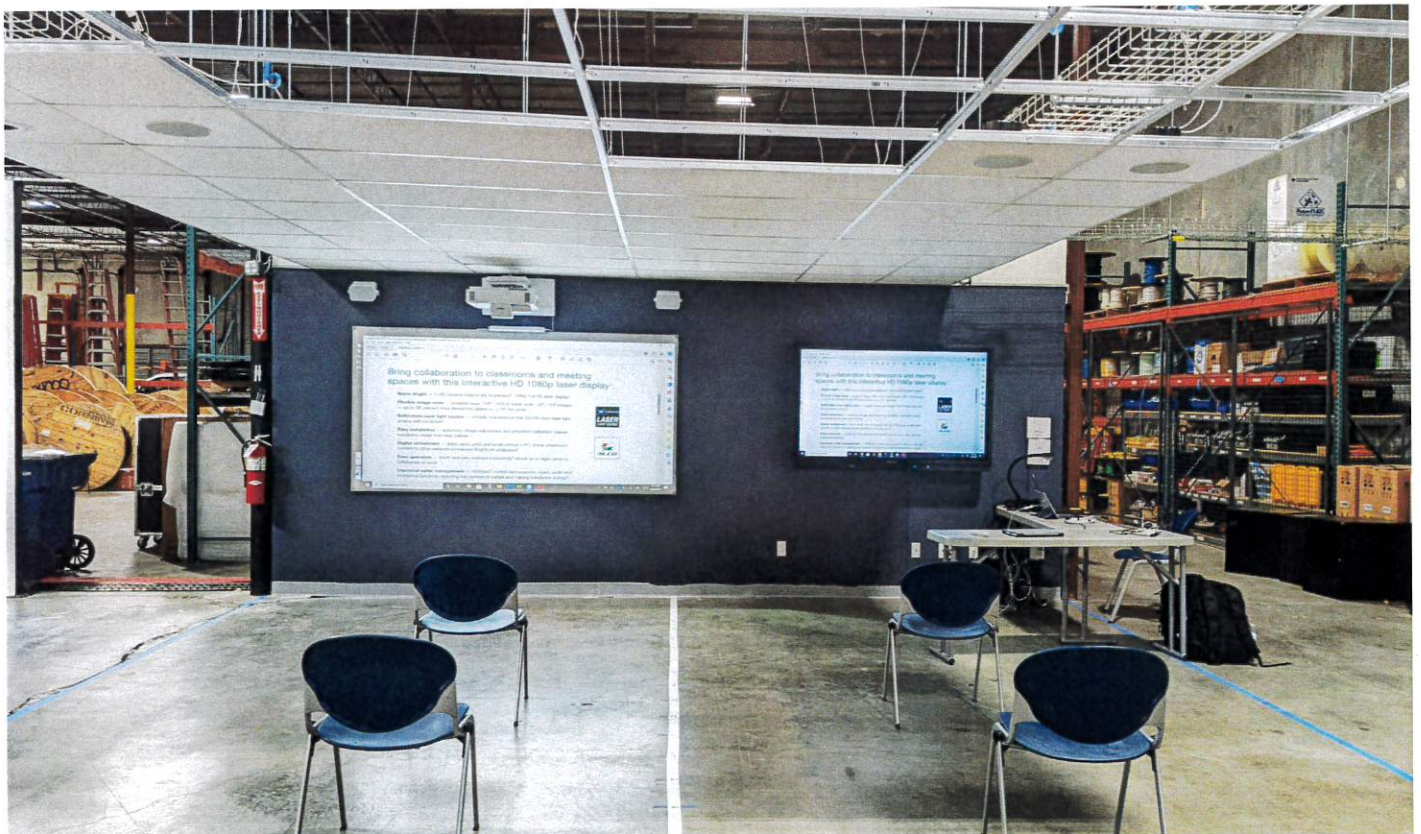


## MCA Demo Interactive Projector vs. Interactive Display

Interactive Projector Dual Image 106 Inches vs. 65 Inches Interactive Display From 20 Ft.



Interactive Projector 106 Inches vs. 65 Inches Interactive Display From 30 Ft.





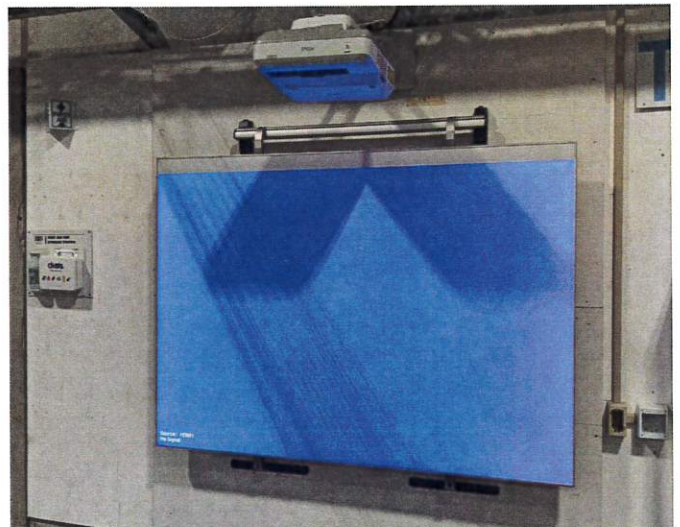
## Screen Board 106 Inches Diagonal with EPSON Laser Interactive projector 1485Fi/Speakers



## Screen Board 116 & 106 Inches Diagonal with EPSON Laser Projector 1485Fi & 65 Inches Interactive Display



## Optional Overboard Wall Mount Bracket for Interactive Projector or Display







MCA Communications, Inc.  
483 West 38th Street  
Houston, Texas 77018 USA  
Tel (281) 591-2434  
[www.mcacom.com](http://www.mcacom.com)

July 22, 2022

**RE: MCA Communications & Employee Certifications**

To Whom It May Concern,

The following attachment are MCA's certifications for this project and personnel. If you should have any questions or need any additional documentation, then please reach out to our HR department via email at [HR@mcacom.com](mailto:HR@mcacom.com).

Thank you and have a great day!



## MCA Communications & Employee Certifications

*Manufacturer Certification Certificate is provided for the first person listed in each category and all personnel listed can be verified with the Manufacturer directly. If you require additional documentation then please email [HR@mcacom.com](mailto:HR@mcacom.com) .*

### Audinate - Dante Certification Level 1

**Jimmy Narvaez**

Eldon Samos

Kyle Done

Nathaniel Cook

### Audinate - Dante Certification Level 2

**Jimmy Narvaez**

Nathaniel Cook

### Audinate - Dante Certification Level 3

**Nathaniel Cook**

### Avixa - CTS Certification

**Anthony Yager**

Eldon Samos

Jason Cortez

Nathaniel Cook

### Biamp - TesiraFORTE' Certification

**Jimmy Narvaez**

Eldon Samos

Nathaniel Cook

### Biamp - TesiraSERVER/SERVER-IO Certification

**Jimmy Narvaez**

Nathaniel Cook

### Biamp - TesiraLUX Certification

**Jimmy Narvaez**

Nathaniel Cook

### Biamp - VoIP Certification

**Jimmy Narvaez**

Nathaniel Cook

### BICSI - RCDD Certification

**Vicente Mederos**

Jason Cortez

### BICSI - Technician Certification

**Gabriel Ramirez**

Carlos Martinez

Armondo Monroy

Randall Kearney

Charmana Suseberry

Richard DeLeon

Steven Martinez

Jose Stelly

### BICSI - Installer 2, Copper Certification

**Jacob A Benitez**

Omero Rocha



## MCA Communications & Employee Certifications

*Manufacturer Certification Certificate is provided for the first person listed in each category and all personnel listed can be verified with the Manufacturer directly. If you require additional documentation then please email [HR@mcacom.com](mailto:HR@mcacom.com) .*

### Extron Electronics - Control Professional

**Eldon Samos**

Jimmy Narvaez

### Extron Electronics - Network AV Specialist

Eldon Samos (August 2021 - In Progress)

Jimmy Narvaez (September 2021 - Scheduled)

### Extron Electronics - XTP Systems Engineer

**Anthony Yager**

Alexis Liuskos

### Extron Electronics - ProDSP Specialist

**David Aguilar Jr.**

Nathaniel Cook

### Extron Electronics - AV Associate

**Anthony Yager**

Abraham Cardenas

Alexis Liuskos

Eldon Samos

Ezequiel Montano

Jimmy Narvaez

Johnny Deshazor

Justin Cardenas

Kyle Done

Marc Power

Martin Hernandez

Nathaniel Cook

Omero Rocha

Ramiro Cadriel Jr.

### Extron Electronics - Control Specialist

**Jimmy Narvaez**

Anthony Yager

Eldon Samos

Nathaniel Cook

Alexis Liuskos

David Cortez

David Juarez

Eddie Stoessel

Ezequiel Montano

Jose Zamora

Omero Rocha

Ramiro Cadriel Jr.

### Extron Electronics - School of Emerging Technologies 4K

**Anthony Yager**

Eldon Samos

Jimmy Narvaez



## MCA Communications & Employee Certifications

*Manufacturer Certification Certificate is provided for the first person listed in each category and all personnel listed can be verified with the Manufacturer directly. If you require additional documentation then please email [HR@mcacom.com](mailto:HR@mcacom.com) .*

### **Company Certifications:**

Belden Certification

CommScope Certification

C3 Certification

Houston Minority Certification

State of Texas HUB Certification



# Certificate of Completion

On this Fourth Day of March, Two Thousand Fifteen  
Presented to:

**Eldon Samos**

For successfully completing requirements for and attaining the title of



*Jim Clements*

Director of Education and Training



*Robert C. Edmund*

President



# Certificate of Completion

Presented to:

**JIMMY NARVAEZ**

For successful completion of *online requirements* for and attaining the title of



On this Date  
October 16, 2018

  
Director of Education and Training



  
President



# Certificate of Completion

Presented to:

**Anthony Yager**

For successful completion of  
**XTP-E Instructor-led Course**  
Provided by Extron

**January 15, 2016**  
Date of Completion

  
Director of Education and Training



  
President



# Certificate of Completion

Presented to:

**DAVID AGUILAR JR.**

For successful completion of  
**Extron ProDSP Specialist**  
Provided by Extron

**June 06, 2019**  
Date of Completion

  
Director of Education and Training



  
President



# Certificate of Completion

Presented to:

**Anthony Yager**

For successful completion of  
**XTP-E Instructor-led Course**  
Provided by Extron

**January 15, 2016**  
Date of Completion

  
Director of Education and Training



  
President



# Certificate of Completion

Presented to:

**Anthony Yager**

For successful completion of  
**School of Emerging Technologies 4K**  
Provided by Extron

**September 18, 2018**  
Date of Completion

  
\_\_\_\_\_  
Director of Education and Training



  
\_\_\_\_\_  
President



# Certificate of Completion

Presented to:

**Anthony Yager**

For successful completion of requirements for and attaining the title of



On this Date  
May 25, 2020

  
Director of Education and Training



  
President





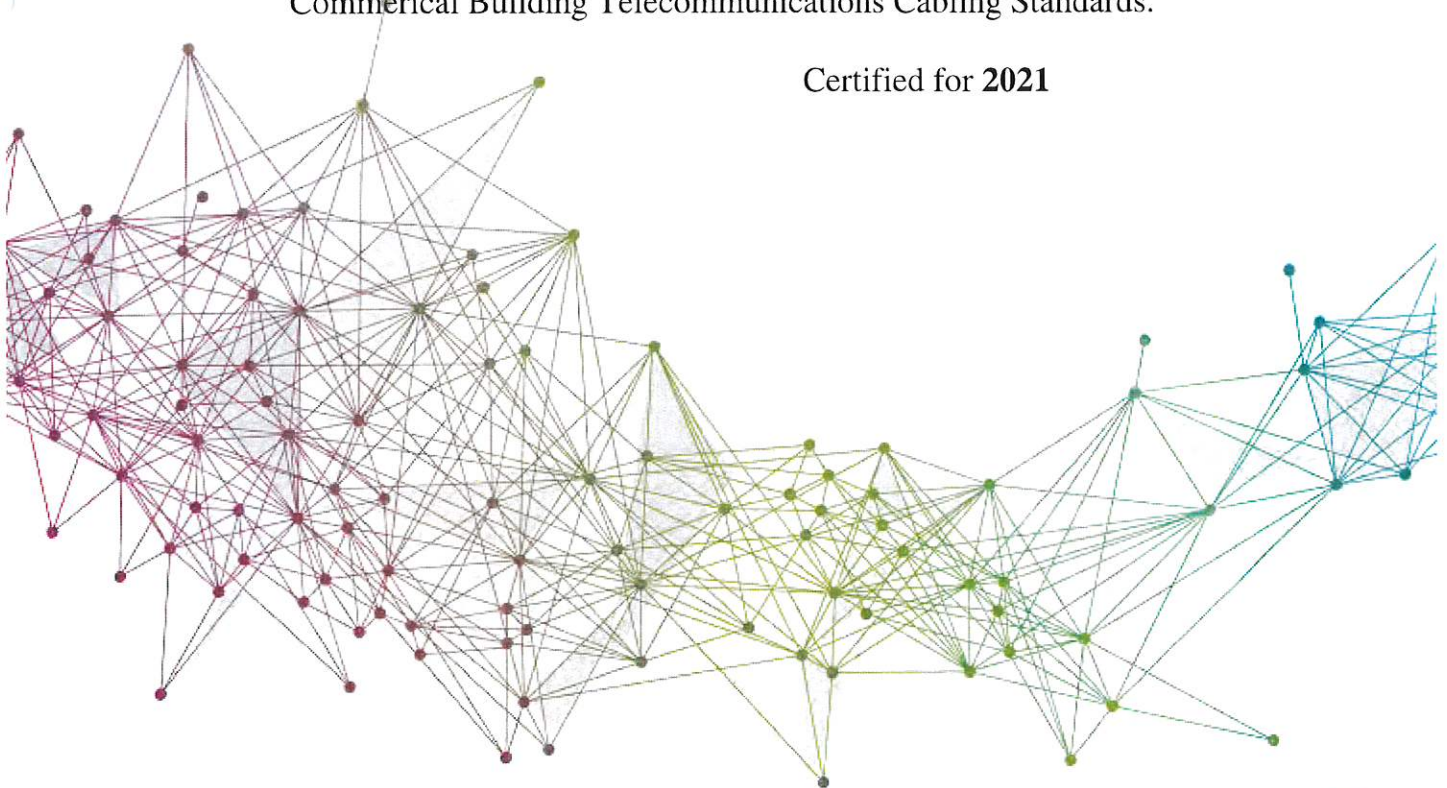
CERTIFICATION

***BELDEN HEREBY CONFIRMS THAT***

**MCA Communications, Inc.**

is a Belden Networking Certified installer and is authorized to design, install, maintain and certify Belden Networking Systems in accordance with Belden IBDN Structured Cabling Guidelines and the current TIA/EIA, CSA and ISO/IEC Commercial Building Telecommunications Cabling Standards.

Certified for **2021**





Building Industry Consulting Service International

THE PROFESSIONAL DESIGNATION OF

# BICSI INSTALLER 2, COPPER

IS AWARDED TO

# Omero Rocha

by BICSI in recognition of having successfully completed BICSI's registration and examination requirements.

Designation Number: 287531

Registration Start Date: 05-01-2022

Registration End Date: 04-30-2025



Since

04-02-2016

Todd W. Taylor, RCDD, NTS, OSP  
BICSI President

John H. Daniels, CNM, FACHE, FHIMSS  
BICSI Executive Director & Chief Executive Officer



Building Industry Consulting Service International

THE PROFESSIONAL DESIGNATION OF

# BICSI INSTALLER 2, COPPER

IS AWARDED TO

## Jacob A Benitez

by BICSI in recognition of having successfully completed BICSI's registration and examination requirements.

Designation Number: 293831

Registration Start Date: 03-01-2023

Registration End Date: 02-28-2026



**Bicsi**  
**INSTC**

Since 02-24-2017

*Carol E. Oliver*

Carol Everett Oliver, RCDD, DCDC, ESS  
BICSI Board President

*John H. Daniels*

John H. Daniels, CNM, FACHE, FHIMSS  
BICSI Chief Executive Officer



# BICSI's Credential Holders Guide: Proper Use of a Credential Logo & Stamp

**Use of BICSI Designations:** Professionals who have met the certification standards defined by BICSI and who maintain their credential through the recertification process are authorized to use the designation's Logo and Credential Stamp.

Adding your credential logo to your professional profile will draw special attention to your achievement, and to the time and discipline involved in pursuing and attaining your credential. You may include your credential logo on business cards, resumes, your personal web pages, in bylines for articles or blog posts and in email signatures. We encourage you to use your logo to promote your success. Request your logo at [customerservice@bicsi.org](mailto:customerservice@bicsi.org).

- Place your BICSI credential immediately after your name (e.g., John Doe, RCDD®).
- Always use all-capital letters (e.g., RTPM®).
- Do not use periods between the letters (e.g., TECH)
- Use a comma between multiple credentials (e.g., RCDD®, INSTC®, OSP™)
- If your certification has expired, immediately discontinue using the credential.

## Stamp Use Example:



RCDD®, DCDC®, OSP™ credential holders are eligible to receive a complimentary digital stamp and can purchase a self-inking stamp by ordering from your credential dashboard on your BICSI profile. Request a digital stamp at [credentialing@bicsi.org](mailto:credentialing@bicsi.org).

- Your BICSI credential is a personal credential and is not held by any employer.
- You shall never allow anyone to use your credential stamp.
- You may use your stamp for any project you oversee or design.
- You may review and stamp a design not originated by you but realize that you are then assuming some responsibility.
- It is recommended, but not required, that you sign and date the stamp for any project you oversee or design. Most credential holders stamp and then sign in the legend or mast head.
- Drawings may be stamped with a standard self-inking stamp or a digital stamp attaching the hardcopy printout or digital image to the drawings.
- BICSI does not review, keep, or record stamped drawings for credential holders.
- Refer to the construction documents/specifications for specific instruction criteria on proper use of a standard self-inking stamp or a digital stamp.
- The credential holder shall abide to the BICSI Code of Ethics and Professional Obligations when using your credential stamp.

**Note:** Any credential holder who violates the proper use guidelines for their credential stamp and logo may face violations under the Code of Ethics & Professional Obligations and possible revocation of their credential.

## Limitations

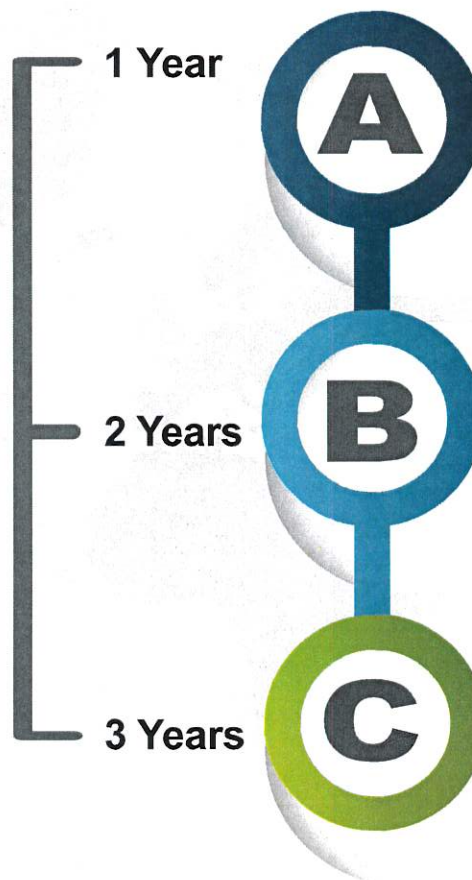
The BICSI credential marks, logos and stamps (BICSI Marks) are to be used to signify your accomplishment in achieving the applicable BICSI certification. BICSI Marks may not be used to misrepresent BICSI credential status or an individual's qualifications. Credentialed Individuals further agree not to incorporate any BICSI Marks or potentially confusing variations thereof as part of a trademark, service mark, product name, company name, domain name, or any other commercial designation such as a hashtags or social media page name. Likewise, any application to register or claim any interest in any mark or any other logo, name, trademark, service mark or commercial or product designation confusingly similar to any BICSI Marks is prohibited.

## Ownership

BICSI is the owner of the BICSI Marks. BICSI reserves and retains all rights, titles and interests, including, without limitation, all trademark and other intellectual property rights, in and to the BICSI Marks. Nothing contained in this Policy is intended to be or should be construed to grant any ownership rights in or to the BICSI Marks. BICSI reserves the right to audit any and all use of the BICSI Marks and to require correction for any inappropriate use. Any use of the BICSI Marks grants BICSI the permission to access, review, and audit any materials that make use of the BICSI Marks. If at any time, BICSI determines, in its sole discretion that your use of the BICSI Marks is not in compliance with this Policy or otherwise threatens to harm the BICSI Marks, BICSI may immediately terminate your right to use the BICSI Marks. You agree to comply with all requests of BICSI to cease and desist use of the BICSI Marks.



MAINTAIN  
YOUR  
**CREDENTIAL**



Day One

**CREDENTIAL CYCLE BEGINS:**  
Congratulations! Your three-year certification cycle begins the day you pass the exam.

During Years 1, 2 and 3

**MEET CREDENTIAL RENEWAL REQUIREMENTS:** During this three-year period, start earning your Continuing Education Credits toward renewal.

Final 90 Days Before 3-Year Expiration

**CREDENTIAL RECERTIFICATION:**  
You can complete the recertification process once you have met all the recertification requirements.

**Bicsi**<sup>®</sup>



Building Industry Consulting Service International

THE PROFESSIONAL DESIGNATION OF

**REGISTERED COMMUNICATIONS  
DISTRIBUTION DESIGNER®**

IS AWARDED TO

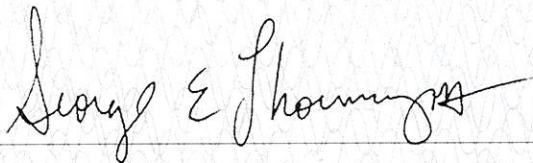
**Jason R Cortez**

by BICSI in recognition of having successfully completed BICSI's registration and examination requirements.

Designation Number: 206699

Registration Start Date: 01-01-2021

Registration End Date: 12-31-2023



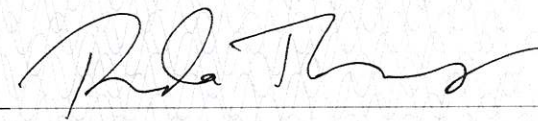
Chair, Registrations & Credentials Supervision Committee



**Bicsi**  
**RCDD**

Since

10-11-2008



Director of Credentialing



Building Industry Consulting Service International

THE PROFESSIONAL DESIGNATION OF

**REGISTERED COMMUNICATIONS  
DISTRIBUTION DESIGNER®**

IS AWARDED TO

Vicente Mederos

by BICSI in recognition of having successfully completed BICSI's registration and examination requirements.

Designation Number: 204693

Registration Start Date: 01-01-2023

Registration End Date: 12-31-2025



**Bicsi**  
**RCDD**

Since 03-26-2010

*Carol E. Oliver*

Carol Everett Oliver, RCDD, DCDC, ESS  
BICSI Board President

*John H. Daniels*

John H. Daniels, CNM, FACHE, FHIMSS  
BICSI Chief Executive Officer



Building Industry Consulting Service International

THE PROFESSIONAL DESIGNATION OF

# BICSI TECHNICIAN

IS AWARDED TO

## Gabriel N Ramirez

by BICSI in recognition of having successfully completed BICSI's registration and examination requirements.

Designation Number: 181876

Registration Start Date: 03-01-2021

Registration End Date: 02-29-2024



Since  
02-15-2007

A handwritten signature in dark ink, reading 'Todd W. Taylor', written over a horizontal line.

Todd W. Taylor, RCDD, NTS, OSP  
BICSI President

A handwritten signature in dark ink, reading 'John H. Daniels', written over a horizontal line.

John H. Daniels, CNM, FACHE, FHIMSS  
BICSI Executive Director & Chief Executive Officer



# CERTIFICATE OF AUTHORIZATION

Presented To:  
MCA Communications, Inc.  
as a  
Solution Provider  
for UNIPRISE Infrastructure  
Approved Territory:  
Texas



Ernest Pickens  
SVP ISPC & Enterprise Markets

2025

Program Year

5167

Partner ID



PANDUIT CORP.

HEREBY RECOGNIZES

MCA Communications

Houston, Texas (United States)

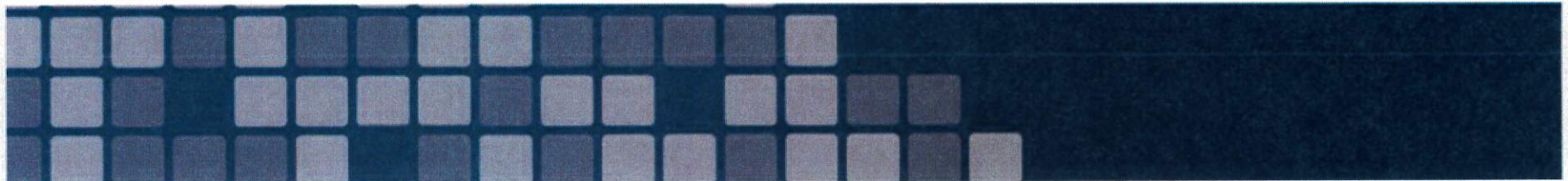
As a Gold Panduit Certified Installer (PCI), authorized to Deploy Panduit® Network Infrastructure Solutions and participate in the Certification Plus<sup>SM</sup> System Warranty Program.

Partner Since: 8-3-2017

Date Printed: 4-11-2025

\*This certificate is only valid, and a Certification Plus System Warranty will only be issued, if the required number of company employees are current in their Panduit trainings at all times. It is the responsibility of the company to ensure their employees renew their training certifications at the required intervals. The company has access to all employee training certifications and expiration dates. This certificate can extend no longer than 2 years from the date it is printed.

**PANDUIT**  
**ONE** | CERTIFIED  
INSTALLER







**THE INTERLOCAL  
PURCHASING SYSTEM**

**"PURCHASING MADE SIMPLE"**

**MCA Communications Inc.  
Catalog.**

Technology Solutions, Products,  
and Services 230105

**Fort Bend County Bid# 24-030  
Voice and Data Cabling**



TIPS 230105 Assistive Technology  
Goods and Services

## MCA Communications Inc.

Insert Line-items below this line. You may add cells as needed.

Creston	See Creston Catalog located at <a href="http://www.Creston.com">www.Creston.com</a>	May require user registration to view MSRP Pricing			30.00%	
Extron	See Creston Catalog located at <a href="http://www.Extron.com">www.Extron.com</a>	May require user registration to view MSRP Pricing			30.00%	
Harman (JBL)	See Harman (JBL) Catalog located at <a href="http://www.jblpro.com/en-US">www.jblpro.com/en-US</a>	May require user registration to view MSRP Pricing			20.00%	
Harman (Crown)	See Harman (Crown) Catalog located at <a href="http://www.crownaudio.com/en">www.crownaudio.com/en</a>	May require user registration to view MSRP Pricing			20.00%	
Mooreco	See Mooreco Catalog located at <a href="http://www.Moorecoinc.com">www.Moorecoinc.com</a>	May require user registration to view MSRP Pricing			45.00%	
Legrand (CHIEF)	See Legrad (CHIEF) Catalog located at <a href="http://www.Legrandav.com">www.Legrandav.com</a>	May require user registration to view MSRP Pricing			30.00%	
Legrand (Da-lite)	See Legrad (Da-Lite) Catalog located at <a href="http://www.Legrandav.com">www.Legrandav.com</a>	May require user registration to view MSRP Pricing			30.00%	
Legrand (Middle Atlantic)	See Legrad (Middle Atlantic) Catalog located at <a href="http://www.Legrandav.com">www.Legrandav.com</a>	May require user registration to view MSRP Pricing			30.00%	
Legrand (C2G)	See Legrad (C2G) Catalog located at <a href="http://www.Legrandav.com">www.Legrandav.com</a>	May require user registration to view MSRP Pricing			15.00%	
Legrand (Vaddio)	See Legrad (Vaddio) Catalog located at <a href="http://www.Legrandav.com">www.Legrandav.com</a>	May require user registration to view MSRP Pricing			15.00%	
AMK	Catalog pricing to be provided upon request	See Catalog for products available			30.00%	



AUDIO ENHANCEMENT	Catalog pricing to be provided upon request	See Catalog for products available			26.00%	
BIAMP	Catalog pricing to be provided upon request	See Catalog for products available			39.00%	
CLEAR TOUCH	Catalog pricing to be provided upon request	See Catalog for products available			5.00%	
EXTERITY	Catalog pricing to be provided upon request	See Catalog for products available			24.00%	
HALL TECHNOLOGY	Catalog pricing to be provided upon request	See Catalog for products available			30.00%	
KRAMER	Catalog pricing to be provided upon request	See Catalog for products available			30.00%	
PROMETHEAN	Catalog pricing to be provided upon request	See Catalog for products available			20.00%	
SMART TECHNOLOGIES	Catalog pricing to be provided upon request	See Catalog for products available			20.00%	
EPSON			Epson products including etc.	MSRP	% Discount	TIPS Price
EPSON	V11H940020	V11H940020	Each	\$8,463.00	25.00%	\$6,363.44
EPSON	V11H733020	PRO L1490U LASER 3 LCD PROJECTOR WITH STANDARD LENS 8000 LUMENS	Each	\$14,700.00	25.00%	\$11,053.11
EPSON	V11H792020	PRO L1500U LASER 3 LCD PROJECTOR WITH STANDARD LENS 12000 LUMENS	Each	\$21,999.00	25.00%	\$16,541.32
EPSON	V12H803010	CEILING MOUNT FOR PRO L1200U LASER MOUNT (ELPMB48)	Each	\$469.00	0.00%	\$471.58
EPSON	V11H904020	POWER LITE L610W LASER WXGA 6000 LUMENS	Each	\$2,599.00	10.00%	\$2,341.44



EPSON	V11H919520	1485 FI INTERACTIVE LASER PROJECTOR	Each	\$3,390.00	12.00%	\$2,986.78
EPSON	V12HA06A05	WALL MOUNT BRACKET FOR 1485 FI LASER PROJECTOR (ELPMB62)	Each	\$109.00	0.00%	\$109.22
EPSON	V12HA05A09	SCREEN BOARD MOUNT BRACKET FOR 1485 FI WITH 106" DIAGONAL BOARD	Each	\$49.00	0.00%	\$49.00
EPSON	V11H740522	BRIGHTLINK INTERACTIVE PROJECTORS 695Wi WITHOUT WALL MOUNT BRACKET	Each	\$2,290.00	15.00%	\$1,949.42
EPSON	V11H746520	POWERLITE 680 SORT-THROW PROJECTOR	Each	\$1,160.00	10.00%	\$1,045.04
EPSON	V12H777020	WALL MOUNT BRACKET FOR 680 Wi & 695 Wi	Each	\$109.00	0.00%	\$109.60
EPSON	V12H467020	WALL MOUNT SPEAKERS	Each	\$189.00	20.00%	\$151.59
EPSON	V12H731P02	WIRELESS NETWORK ADAPTER 802.11 B/G/N FOR 695 Wi	Each	\$109.00	0.00%	\$109.00
EPSON	DC-07	DOCUMENT CAMERA DC-07	Each	\$199.00	5.00%	\$189.14
EPSON	DC-13	DOCUMENT CAMERA DC-13	Each	\$499.00	5.00%	\$474.29
EPSON	DC-21	DOCUMENT CAMERA DC-21	Each	\$579.00	5.00%	\$550.33
EPSON	V12H831000	SCREEN BOARD 53" X 84.75" 100" DIAGONAL FOR ADJUSTABLE BRACKET & PROJECTOR 1485 Fi	Each	\$709.00	5.00%	\$673.89
EPSON	V11H845120	POWER LITE 1266 WXGA 3LCD PROJECTOR 3600 LUMNES	Each	\$649.00	10.00%	\$584.68
<b>i3tech</b>			<b>All i3Tech products including Digital etc.</b>	<b>MSRP</b>	<b>% Discount</b>	<b>TIPS Price</b>
i3tech	E-55	E-one Android 11	Each	\$5,000.00	50.00%	\$2,512.50
i3tech	E-75	E-one Android 11	Each	\$7,500.00	50.00%	\$3,768.75
i3tech	i3 Computer i5	i3tech Silver (Built in PC Option)	Each	\$1,100.00	30.00%	\$772.31
i3tech	i3 Computer i7	i3Tech Gold (Built in PC Option)	Each	\$1,600.00	30.00%	\$1,123.36
i3tech	USB Camera	i3Camera Pro	Each	\$1,198.90	25.00%	\$902.77
i3tech	i3Hawm	Electric wall monut	Each	\$2,200.00	36.00%	\$1,413.07
i3tech	i3Board	87" Interactive board	Each	\$1,200.00	25.00%	\$905.94
i3tech	i3Projecor	Myriad Vision Elite II	Each	\$2,500.00	44.00%	\$1,406.16
<b>NEC</b>			<b>NEC products including Interactive displays</b>	<b>MSRP</b>	<b>% Discount</b>	<b>TIPS Price</b>



NEC	C981Q-AVT2	98" LED DIRECT-LIT COMMERCIAL GRADE DISPLAY/EQUIVALENT	Each	\$9,048.00	15.00%	\$7,702.34
NEC	E657Q	65" LED DIRECT-LIT COMMERCIAL GRADE DISPLAY/EQUIVALENT	Each	\$1,889.00	15.00%	\$1,608.06
NEC	E557Q	55" LED DIRECT-LIT COMMERCIAL GRADE DISPLAY/EQUIVALENT	Each	\$1,149.00	15.00%	\$978.11
NEC	E507Q	50" LED DIRECT-LIT COMMERCIAL GRADE DISPLAY/EQUIVALENT	Each	\$939.00	15.00%	\$799.35
NEC	E437Q	43" LED DIRECT-LIT COMMERCIAL GRADE DISPLAY/EQUIVALENT	Each	\$689.00	15.00%	\$586.53
NEC	E327	32" LED DIRECT-LIT COMMERCIAL GRADE DISPLAY/EQUIVALENT	Each	\$439.00	15.00%	\$373.71
NEC	UN522	55" LED ULTRA NARRO BEZEL DISPLAY FOR VIDEO WALL	Each	\$4,499.00	15.00%	\$3,829.89
<b>SAMSUNG</b>			<b>SAMSUNG products including Interactive displays</b>	<b>MSRP</b>	<b>% Discount</b>	<b>TIPS Price</b>
SAMSUNG	QM75R	Samsung QM75R - 75" Class QMR Series LED display - digital signage Tizen OS 4.0 - 4K UHD (2160p) 3840 x 2160 - edge- lit	Each	\$4,462.00	15.00%	\$3,798.39
SAMSUNG	QM98N	Samsung QM98N - 98" Class QM- N Series LED display - digital signage - Tizen OS 4.0 - 4K UHD (2160p) 3840 x 2160 - edge-lit	Each	\$16,923.00	15.00%	\$14,406.13
SAMSUNG	WM55R	Samsung Flip 2 WM55R - 55" Class WMR Series LED display - interactive digital signage - 4K UHD (2160p) 3840 x 2160 - New	Each	\$2,706.00	15.00%	\$2,303.55



SAMSUNG	WM65R	Samsung Flip 2 WM65R - 65" Class WMR Series LED display - interactive - 4K UHD (2160p) 3840 x 2160 - edge-lit	Each	\$3,198.00	15.00%	\$2,722.38
SAMSUNG	QE82T	Samsung QE82T - 82" Class QET Series LED display - digital signage - 4K UHD (2160p) 3840 x 2160	Each	\$3,924.00	15.00%	\$3,340.40
SHARP			Sharp technologies products including, etc.	MSRP	% Discount	TIPS Price
SHARP	PN-CE701H	70" 4K Interactive Display	Each	\$5,095.00	15.00%	\$4,343.74
SHARP	PN-C751H	75" 4K Interactive Display	Each	\$6,595.00	15.00%	\$5,630.98
SHARP	PN-C861H	86" 4k Interactive Display	Each	\$11,595.00	15.00%	\$9,900.10
SPECTRUM INDUSTRIES			Spectrum Industries	MSRP	% Discount	TIPS Price
SPECTRUM INDUSTRIES	55542CHCHBS1000000F5D01	FREEDOM ONE ELIFT	Each	\$7,110.00	30.00%	\$4,983.97
ROLAND			Roland products	MSRP	% Discount	TIPS Price
ROLAND	V1HD	HD VIDEO SWITCHER	Each	\$1,095.00	14.00%	\$943.02
ROLAND	VR-1HD	3 CHANNELS AV STREAMING MIXER	Each	\$1,400.00	14.00%	\$1,205.69
WILSON TECHNOLOGY			Wilson Tehnology products	MSRP	% Discount	TIPS Price
WILSON TECHNOLOGY	461052	ENTERPRISE 4300 AM CELL AMPLIFIER	Each	\$13,499.99	30.00%	\$9,463.22
WILSON TECHNOLOGY	952003	1/2 INCH PLENUM COAX CABLES 500 FT RIEL	Each	\$1,699.99	25.00%	\$1,276.78





## AMK SPEAKERS SHEET

Tips 230105



**THE INTERLOCAL  
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# AMK Customer Pricing

Part Number		Long Description	Customer Price	Unit
DS64-B		1 powered and 3 passive Dante™ enabled speakers set	\$1,304.80	EA
DS62-A		1 powered and 1 passive Dante™ enabled speaker set	\$1,084.30	EA
DS62-B		1 powered and 1 passive Dante™ enabled speaker set	\$1,084.30	EA
DS61-A		Single IP addressable Dante™ enabled Speaker.	\$933.80	EA
DS64-C		1 powered and 3 passive Dante™ enabled speakers set	\$1,507.10	EA
DT64-B		1 powered and 3 passive Dante™ enabled speakers set	\$1,363.60	EA
DT62-A		1 powered and 1 passive Dante™ enabled speaker set 1 powered and 1 passive	\$1,227.80	EA
DT62-B		1 powered and 1 passive Dante™ enabled speaker set 1 powered and 1 passive	\$1,227.80	EA
DT61-A		Single IP addressable Dante™ enabled Speaker.	\$1,080.80	EA
DT64-C		1 powered and 3 passive Dante™ enabled speakers set	\$1,610.00	EA
DS64-B-X		1 powered and 3 passive Dante Enabled / AES67 compatible speaker set	\$1,374.80	EA
DS62 A-X		1 powered and 1 passive Dante enabled / AES67 compatible speaker set	\$1,084.30	EA
DS62 B-X		1 powered and 1 passive Dante enabled / AES67 compatible speaker set	\$1,084.30	EA
DS61-A.-X		Single IP addressable Dante enabled / AES67 compatible speakers set	\$933.80	EA
DS64 -C-X		1 powered and 3 passive Dante Enabled / AES67 compatible speaker set	\$1,540.00	EA
DT64-B-X		1 powered and 3 passive Dante Enabled / AES67 compatible speaker set	\$1,363.60	EA
DT62-A-X		1 powered and 3 passive Dante Enabled / AES67 compatible speaker set	\$1,227.80	EA
DT62-B-X		1 powered and 3 passive Dante Enabled / AES67 compatible speaker set	\$1,227.80	EA
DT61-A-X		Single IP addressable Dante enabled / AES67 compatible speakers set	\$1,220.80	EA
DT64-C-X		1 powered and 3 passive Dante Enabled / AES67 compatible speaker set	\$1,220.80	EA
		Single, powered speaker	\$469.00	EA
PSA615-CFM-P		w/ companion speaker (2 sets )	\$553.00	EA
PSA615-CFM-RVC		w/ remote valume control	\$531.30	EA
PSA615-CFM-RVC-P		w / companion speaker set	\$623.70	EA
PSA615-CFM-2		single power speaker	\$425.60	EA
PSA615-CFM-2-P		Single, powered speakerw/ companion speaker (2 spkr set)	\$579.60	EA



# AMK Customer Pricing

Part Number		Long Description	Customer Price	Unit
PSA615-CFM-2-RVC		w/ remote volume control	\$564.90	EA
PSA615-CFM-2-RVC-P		w/ companion speaker (2 spkr set)	\$653.10	EA
PSA615-JFS		Single, powered speaker	\$471.80	EA
PSA615-JFS-P		w/ companion speaker (2 spkr set)	\$555.80	EA
PSA615-JFS-RVC		w/ remote volume control	\$454.30	EA
PSA615-JFS-RVC-P		w/ companion speaker (2 spkr set)	\$610.40	EA
QSA615-CFM		1 powerd speaker w/ 3 companion speaker set	\$1,001.00	EA
QSA615-CFM-RCV		w/ remote volume control	\$1,147.30	EA
QSA615-CFM-3		1 ppowered speaker w/ 3 companion speaker set	\$1,055.60	EA
QSA615-CFM-3-RVC		w/ companion speaker (2 spkr set)	\$1,063.30	EA
QSA615-JFS		1 powered speaker w/ 3 companion speaker set	\$1,004.50	EA
QSA615-JFS-RVC		w/ remote valume control	\$1,065.40	EA
PT615-CFM		single powered speaker	\$557.90	EA
PT615-CFM-P		w/ companion speaker (2 spkr set)	\$688.10	EA
PT615-CFM-PR-RCV		w/ remote valume control	\$560.00	EA
PT615-CFM-PR-RCV-P		w/ companion speaker (2 spkr set)	\$763.00	EA
PT615-JFS		single, poweres speaker	\$492.10	EA
PT615-JFS-P		w/ companion speaker (2 spkr set)	\$691.60	EA
PT615-JFS-RVC		with remote control volume	\$546.00	EA
PT615-JFS-RVC-P		w/ companion speaker (2 spkr set)	\$749.00	EA
AT615-CFM		1 powered speaker w/ 3 companion speaker set	\$1,172.50	EA
AT615-CFM-RVC		w/ remote volume control	\$1,183.70	EA
PSA802-CFM		Single, powered speaker	\$485.80	EA
PSA802-CFM-P		w/ companion speaker (2 spkr set)	\$569.80	EA
PSA802-CFM-P-RVC		w/ remote volume control	\$555.10	EA
PSA802-CFM-P-RVC-P		w/ companion speaker (2 spkr set)	\$642.60	EA
PSA802-MDL		Single, powered speaker	\$495.60	EA
PSA802-MDL-P		w/ companion speaker (2 spkr set)	\$579.60	EA
PSA802-MDL-RVC		w/ remote volume control	\$548.10	EA
PSA802-MDL-RVC-P		w/ companion speaker (2 spkr set)	\$636.30	EA
PCS615-CFM-B		single powered speaker	\$485.80	EA
PCS615-CFM-P-B		w/ passive speaker (2 speaker sets)	\$596.40	EA
PCS6-15-JFM-B		single powered speaker	\$425.60	EA
PCS6-15-JFM-P-B		w/ passive speaker (2 speaker sets)	\$606.90	EA



# AMK Customer Pricing

Part Number		Long Description	Customer Price	Unit
SQ602		CX 602 25 watts 6.5 inch coaxial / transformer NONE	\$304.50	EA
SQ602T70V10W		CX 602 25 watts 6.5 inch coaxial / transformer 10w, 5 w, 2.5 w	\$394.10	EA
SQ602T70V5W		CX 602 25 watts 6.5 inch coaxial/ 5w, 2.5w, 1.25w	\$324.10	EA
SQ602T70V2.5W		CX 602 25 watts 6.5 inch coaxial/ 2.5w, 1.25w, 0.65w	\$324.10	EA
PC-25		20AWG 25 ft cable for wall mount power supply	\$31.50	EA
3.5 MM - 525		3.5 mm mini sterero plug 25 ft Male to Male for audio	\$39.20	EA
WC-25		20 AWG 25 ft wire cable for companion speaker connection	\$28.70	EA
PSA615-MD		single powered speaker	\$399.00	EA
PSA615-MD-P		w/ companion sepaker 2 sets	\$553.00	EA
PSA615-MD-RVC		w/ remote volume control	\$521.50	EA
PSA615-MD-RVC- P		w/ companion speaker 2 sets	\$606.90	EA





## AUDIO ENHANCEMENT SHEET

Tips 230105



**THE INTERLOCAL  
PURCHASING SYSTEM**  
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AUDIO ENHANCEMENT Customer Pricing

Part Number		Long Description	Customer Price	Unit
AM-8003		MS-300 Network Interface with 7' Cat6 & 3.5 to RCA Cables (K	\$664.52	EA
AM-8005		MS-500 - Amplifier + Cat 6 Patch Cable (KIT)	\$1,315.72	EA
AM-8007		MS-300 2-Way Intercom System (1 Per Room)	\$882.67	EA
EP-8001		EPIC Head End System	\$15,523.10	EA
EP-8002		EPIC System Front Office Only Console System	\$2,062.16	EA
EP-8003		EPIC Head End Appliance Only Kit	\$3,677.18	EA
EP-8004		EPIC SAFE Only Head End System (No Boom M	\$13,850.85	EA
EP-8005		District View Head End System	\$20,396.00	EA
NE-8001		NVR System for Continuous Recording (NVR-80	\$9,398.59	EA
NE-8002		NVR System for Continuous Recording (NVR-40	\$4,757.31	EA
NE-8101		EduCamPTZ PoE Classroom Camera System	\$1,030.97	EA
NE-8151		VIEWpath Blend Classroom Audio & Camera Sy	\$2,202.98	EA
NE-9054		VIEWpath E3 Head End (1 per Campus Required	\$12,312.24	EA
NE-9100		EduCam360 POE Classroom Camera System	\$1,765.05	EA
PA-8010		ITC-1 Touch Wall Control Kit	\$492.62	EA
XD-8002		Sentinel Classroom System	\$1,547.25	EA
XD-8003		GL-300 Classroom System	\$2,117.35	EA
XD-8004		Optimum Classroom System	\$2,680.71	EA
XD-8050		AE Amp XD Upgrade System (IR to XD Upgrade	\$862.46	EA
XD-8051		XD Receiver System (XD Recv to any Amplifier)	\$1,067.81	EA
XD-8100		XD Solo System	\$1,759.90	EA
XD-8110		BEAM System w/ Cart Mount	\$1,407.66	EA
XD-8111		BEAM System w/ Wall Mount	\$1,491.31	EA
XD-8112		BEAM System w/ Vertical Stand	\$1,542.34	EA
XD-9003		BEAM - WALL Mount - Teacher Mic Only (KIT)	\$1,275.06	EA
XD-1212		BEAM Classroom Audio Bar w/Teacher Mic,Battery,Mic Charging	\$1,134.42	EA
AC-3007		WALL Mount Bracket for BEAM	\$139.86	EA
AC-3013		Polyester Felt Tape	\$0.78	EA
XD-9004		BEAM - Vertical Stand - Teacher Mic Only	\$1,326.08	EA
XD-1213		BEAM Classroom Audio Bar System, Vertical Mount Orientation,	\$1,134.42	EA
AC-3008		BEAM Vertical Stand	\$191.66	EA
XD-9360		Mic360 Throwable XD Mic Kit	\$414.13	EA
XD-0701		Mic, AE, XD Teardrop, STD14	\$178.34	EA
XD-1401		Mic360 w/ Auto Mute XD Throwable Microphone Ball Mic Not Inc	\$181.30	EA
XD-5011		Charger, Dual USB Wall Mount Charger Block, for XD Mics	\$16.58	EA
XD-5021		6' USB 2.0 A Male to Micro-USB B Male	\$4.77	EA
XD-5001		Battery Li-iON Battery Pack, 3.7V 700 mAh 2.6 Wh for XD Mics	\$33.15	EA





## BIAMP SHEET

Tips 230105



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## BIAMP Customer Pricing

Part Number		Long Description	Customer Price	Unit
<b>Microphones and Accessories</b>				
Parlé TCM-X		Low profile Beamtracking ceiling microphone, available in black or white	\$1,340.78	Each
Parlé TCM-XA		Low profile Beamtracking ceiling microphone w/ PoE+ amp, available in black or white	\$1,584.78	Each
Parlé TCM-XEX		Low profile expansion Beamtracking ceiling microphone, available in black or white	\$884.50	Each
Parlé TCM-X-DK		Drywall ceiling plenum attachment for all TCM-X models, available in black or white	\$170.80	Each
Parlé TCM-X Installation Tool		Hole saw and driver for installing TCM-X mics	\$146.40	Each
Parlé TCM-1		Beamtracking pendant microphone, available in black or white	\$1,096.78	Each
Parlé TCM-1A		Beamtracking pendant microphone with PoE+ amp, available in black or white	\$1,340.78	Each
Parlé TCM-1EX		Expansion Beamtracking pendant microphone, available in black or white	\$640.50	Each
Seismic cable adapter		Seismic cable adapter for TCM plenum boxes (all models)	\$140.30	Each
TB-1		Ceiling tile bridge for TCM plenum boxes (all models)	\$146.40	Each
CM1-6W		6-inch gooseneck miniaturized cardioid condenser microphone	\$386.74	Each
CM1-6WS		6-inch gooseneck miniaturized supercardioid condenser microphone	\$413.58	Each
JB-CM1		CM1 metal safety junction box	\$146.40	Each
Parlé TTM-X		Low profile Beamtracking tabletop microphone, available in black or white	\$1,096.78	Each
Parlé TTM-XEX		Low profile expansion Beamtracking tabletop microphone, available in black or white	\$640.50	Each
Parlé TTM-X-SM		Secure mounting bracket for TTM-X/-XEX	\$164.70	Each
16mm Grommet		10-pack of grommets for 16mm (5/8") hole, 7mm ID, available in black or white	\$170.80	Each
Crowd Mics ATOM		AV interface and host device for Crowd Mics	\$2,257.00	Each
Crowd Mics Online - Device License (annual)		Device license for online Crowd Mics events, paid annually	\$1,212.68	Each
Crowd Mics Online - Device License		Device license for online Crowd Mics events, paid monthly	\$243.39	Each
Crowd Mics Online - Enterprise License		Enterprise license for Crowd Mics Online	CALL	Each
Crowd Mics Online - Floating License		Floating license for online Crowd Mics events, paid annually	\$1,578.68	Each



## BIAMP Customer Pricing

Part Number		Long Description	Customer Price	Unit
Crowd Mics Online - Floating License		Floating license for online Crowd Mics events, paid monthly	\$273.89	Each
Crowd Mics Online - Single Use License		Single use license for online Crowd Mics event	\$182.39	Each
<b>Digital Signal Processors</b>				
Tesira SERVER		Configurable I/O DSP with 1 DSP-2 card (7 additional DSP-2 cards can be added) and 1 AVB-1 network card	\$4,989.80	Each
Tesira SERVER-IO		Configurable I/O DSP with up to 48 channels of I/O, 1 DSP-2 card (2 additional DSP-2 cards can be added), no AVB-1 network card	\$4,221.20	Each
Tesira SERVER-IO AVB		Configurable I/O DSP with up to 48 channels of I/O, 1 DSP-2 card (2 additional DSP-2 cards can be added), and 1 AVB-1 network card	\$4,605.50	Each
Tesira SIC-4		4 channel mic/line input card	\$344.04	Each
Tesira SOC-4		4 channel mic/line output card	\$318.42	Each
Tesira SEC-4		4 channel mic/line input card with AEC	\$574.62	Each
Tesira SAC-4		4 channel mic/line input card with ANC	\$574.62	Each
Tesira SVC-2		2-line VoIP telephone interface card	\$511.18	Each
Tesira STC-2		2-line POTS telephone interface card	\$511.18	Each
Tesira AVB-1		AVB network card capable of up to 420x420 channels	\$639.28	Each
Tesira SCM-1		32x32 CobraNet® module	\$639.28	Each
Tesira DSP-2		DSP card with two DSPs	\$639.28	Each
Tesira DAN-1		64x64 Dante™ module	\$1,023.58	Each
Tesira SIC-4 CK		4 channel mic/line input card (Card Kit)	\$344.04	Each
Tesira SOC-4 CK		4 channel mic/line output card (Card Kit)	\$318.42	Each
Tesira SEC-4 CK		4 channel mic/line input card with AEC (Card Kit)	\$574.62	Each
Tesira SAC-4 CK		4 channel mic/line input card with ANC (Card Kit)	\$574.62	Each
Tesira SVC-2 CK		2-line VoIP telephone interface card (Card Kit)	\$511.18	Each
Tesira STC-2 CK		2-line POTS telephone interface card (Card Kit)	\$511.18	Each
Tesira AVB-1 CK		AVB network card capable of up to 420x420 channels (Card Kit)	\$639.28	Each
Tesira SCM-1 CK		32x32 CobraNet module (Card Kit)	\$639.28	Each
Tesira DSP-2 CK		DSP card with two DSPs (Card Kit)	\$639.28	Each
Tesira DAN-1 CK		64x64 Dante module (Card Kit)	\$1,023.58	Each
TesiraFORTÉ AI		Fixed I/O DSP with 12 analog inputs, 8 analog outputs, and 8 channels configurable USB audio	\$1,706.78	Each
TesiraFORTÉ AVB AI		Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, and 128 x 128 channels of AVB	\$1,950.78	Each



## BIAMP Customer Pricing

Part Number		Long Description	Customer Price	Unit
TesiraFORTÉ DAN AI		Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, and 32 x 32 channels of Dante	\$2,072.78	Each
TesiraFORTÉ CI		Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, and Acoustic Echo Cancellation (AEC) technology (all 12 inputs)	\$2,133.78	Each
TesiraFORTÉ AVB CI		Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 128 x 128 channels of AVB, and AEC technology (all 12 inputs)	\$2,377.78	Each
TesiraFORTÉ DAN CI		Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 32 x 32 channels of Dante, and AEC technology (all 12 inputs)	\$2,499.78	Each
TesiraFORTÉ VT		Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, AEC technology (all 12 inputs), 2 channel VoIP, and standard FXO telephone interface	\$2,316.78	Each
TesiraFORTÉ AVB VT		Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 128 x 128 channels of AVB, AEC technology (all 12 inputs), 2 channel VoIP, and standard FXO telephone interface	\$2,560.78	Each
TesiraFORTÉ DAN VT		Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 32 x 32 channels of Dante, AEC technology (all 12 inputs), 2 channel VoIP, and standard FXO telephone interface	\$2,682.78	Each
TesiraFORTÉ AVB VT4		Fixed I/O DSP with 4 analog inputs, 4 analog outputs, 8 channels configurable USB audio, 128 x 128 channels of AVB, AEC technology (all 4 inputs), 2 channel VoIP, and standard FXO telephone interface	\$1,828.78	Each
TesiraFORTÉ DAN VT4		Fixed I/O DSP with 4 analog inputs, 4 analog outputs, 8 channels configurable USB audio, 32 x 32 channels of Dante, AEC technology (all 4 inputs), 2 channel VoIP, and standard FXO telephone interface	\$1,950.78	Each
TesiraLUX IDH-1		AVB video encoder; includes one HDMI® port and one DisplayPort™ 1.2 port. Accepts 8 channels of embedded PCM audio and includes 2 mic/line level analog inputs.	\$1,342.00	Each
TesiraLUX OH-1		AVB video decoder; includes one HDMI port. Transmits 8 channels of embedded PCM audio and includes 2 mic/line level analog outputs.	\$1,342.00	Each
<b>Networking Accessories</b>				
NG GS724T AVB V4		AVB-enabled Netgear® 24-port 1 Gb switch with rack mount kit (V4)	\$974.78	Each



## BIAMP Customer Pricing

Part Number		Long Description	Customer Price	Unit
POE29U-1AT(PL)D-R		Phihong Gigabit PoE+ Injector, IEEE802.3at classified	\$209.84	Each
<b>Amplifiers</b>				
AMP-A460H		4 channel, 60W half-rack amplifier with mounting bracket	\$671.00	Each
Tesira AMP-450P		4 channel PoE+ conferencing amplifier	\$608.78	Each
Tesira AMP-450BP		4 channel PoE+ backpack amplifier	\$608.78	Each
TesiraXEL 1200.1		4-channel, 1200W asymmetric amplifier, single power bank	\$1,952.00	Each
TesiraXEL 1200.2		4-channel, 2400W asymmetric amplifier, dual power banks	\$2,562.00	Each
Tesira AMP-4175R		4 channel, 175W digital networked amplifier	\$2,135.00	Each
Tesira AMP-4350R		4 channel, 350W digital networked amplifier	\$2,623.00	Each
Tesira AMP-4300R CV		4 channel, 300W digital networked amplifier, constant voltage	\$2,623.00	Each
Tesira AMP-8175R		8 channel, 175W digital networked amplifier	\$2,745.00	Each
AMP-A460H		4 channel, 60W half-rack amplifier with mounting bracket	\$671.00	Each
Tesira AMP-450P		4 channel PoE+ conferencing amplifier	\$608.78	Each
Tesira AMP-450BP		4 channel PoE+ backpack amplifier	\$608.78	Each
TesiraXEL 1200.1		4-channel, 1200W asymmetric amplifier, single power bank	\$1,952.00	Each
TesiraXEL 1200.2		4-channel, 2400W asymmetric amplifier, dual power banks	\$2,562.00	Each
Tesira AMP-4175R		4 channel, 175W digital networked amplifier	\$2,135.00	Each
Tesira AMP-4350R		4 channel, 350W digital networked amplifier	\$2,623.00	Each
Tesira AMP-4300R CV		4 channel, 300W digital networked amplifier, constant voltage	\$2,623.00	Each
Tesira AMP-8175R		8 channel, 175W digital networked amplifier	\$2,745.00	Each
Tesira EIC-4		4 channel mic/line input card	\$344.04	Each
Tesira EOC-4		4 channel mic/line output card	\$318.42	Each
Tesira EIOC-4		2 channel mic/line input & 2 channel mic/line output card	\$331.84	Each
Tesira EIC-4 CK		4 channel mic/line input card (Card Kit)	\$344.04	Each
Tesira EOC-4 CK		4 channel mic/line output card (Card Kit)	\$318.42	Each
Tesira EIOC-4 CK		2 channel mic/line input & 2 channel mic/line output card (Card Kit)	\$331.84	Each





## CLEAR TOUCH SHEET

Tips 230105



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CLEAR TOUCH Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
CTI-6065K-UH20		65" 6000K Series Interactive Panel with USB HID / AGG / 20 Points of Touch - Ultra HD	\$4,274.05	EA
CTI-6075K-UH20		75" 6000K Series Interactive Panel with USB HID / AGG / 20 Points of Touch - Ultra HD	\$5,319.05	EA
CTI-6086K-UH20		86" 6000K Series Interactive Panel with USB HID / AGG / 20 Points of Touch - Ultra HD	\$8,264.05	EA
CTI-7055X-UH20		55" 7000X Series Interactive Panel with low latency,	\$4,844.05	EA
CTI-7065X-UH20		65" 7000X Series Interactive Panel with low latency,	\$6,459.05	EA
CTI-7043XE-UH20		43" 7000XE Series Interactive Panel with low latency	\$4,654.05	EA
CTI-7086XE-UH20		86" 7000XE Series Interactive Panel with low latency	\$11,541.55	EA
CDS-VUEVW-110P-P19		Vue Video Wall - 110" Diagonal Thin Screen Body, 1280x720 Resolution, 1.9mm Pixel Pitch w/ No Optical Seam and PixelGuard™	\$38,189.05	EA
CDS-VUEVW-138P-P15		Vue Video Wall - 138" Diagonal Thin Screen Body, 1920x1080 Resolution, 1.5mm Pixel Pitch w/ No Optical Seam and PixelGuard™	\$57,189.05	EA
CDS-VUEVW-165P-P19		Vue Video Wall - 165" Diagonal Thin Screen Body, HD 1920x1080 Resolution, 1.9mm Pixel Pitch w/ No Optical Seam and PixelGuard™	\$83,789.05	EA
CDS-VUEVW-220P-P25		Vue Video Wall - 220" Diagonal Thin Screen Body, HD 1920x1080 Resolution, 2.5mm Pixel Pitch w/ No Optical Seam and PixelGuard™	\$95,189.05	EA
CDS-VUEVW-FIXM		Vue Video Wall - Fixed Mobile Stand (for use with Vue Video Wall up to 165")	\$3,039.05	EA
CDS-MBLDS-EVOL		Evo Light Digital Signage - 40.0" Portrait Display, HD 1920x1080 Resolution Mobile Digital Signage System with 14+ Hour Quick Charge Battery	\$5,129.05	EA
CDS-GELDS-22NT		Gel Digital Signage - 21.5" Portrait Display, HD 1080 Resolution / 500 NIT - No Touch, Android 7.1 OS, 5.0L Reservoir, 1 gal Gel, 45 day Sho license. 2 Yr. Limited Warranty	\$1,709.05	EA
CDS-GELDS-FIXM		Gel Sanitizer Digital Signage - Fixed Mobile Stand	\$426.55	EA
CDS-GELDS-FIXW		Gel Sanitizer Digital Signage - Fixed Wall Mount	\$303.05	EA
CDS-GELDS-KITS		Gel Starter Kit: Additional 2 x 1 Gallon Gel, 1 Yr subscription Sho CMS, Extra 1 Year Warranty (3 yr total), Wireless Keyboard KB100	\$474.05	EA
CDS-GELHS-GLMN-004		Hand Sanitizer Gel - 4 x 1 Gallon - 70% Ethynol, Lemongrass Scent	\$474.05	EA
CDS-GELHS-GLMN-048		Hand Sanitizer Gel - 48 x 1 Gallon - 70% Ethynol, Lemongrass Scent	\$3,609.05	EA
CDS-GELHS-GLMN-096		Hand Sanitizer Gel - 96 x 1 Gallon - 70% Ethynol, Lemongrass Scent	\$7,029.05	EA
CDS-GELHS-GUNS-004		Hand Sanitizer Gel - 4 x 1 Gallon - 70% Ethynol, Unscented	\$474.05	EA
CDS-GELHS-GUNS-048		Hand Sanitizer Gel - 48 x 1 Gallon - 70% Ethynol, Unscented	\$3,609.05	EA



CLEAR TOUCH Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
CDS-GELHS-GUNS-096		Hand Sanitizer Gel - 96 x 1 Gallon - 70% Ethynol, Unscented	\$7,029.05	EA
CDS-GELHS-LLMN-004		Hand Sanitizer Liquid - 4 x 1 Gallon - 80% Ethynol, Lemongrass Scent	\$474.05	EA
CDS-GELHS-LLMN-048		Hand Sanitizer Liquid - 48 x 1 Gallon - 80% Ethynol, Lemongrass Scent	\$3,609.05	EA
CDS-GELHS-LLMN-096		Hand Sanitizer Liquid - 96 x 1 Gallon - 80% Ethynol, Lemongrass Scent	\$7,029.05	EA
CDS-GELHS-LUNS-004		Hand Sanitizer Liquid - 4 x 1 Gallon - 80% Ethynol, Unscented	\$474.05	EA
CDS-GELHS-LUNS-048		Hand Sanitizer Liquid - 48 x 1 Gallon - 80% Ethynol, Unscented	\$3,609.05	EA
CDS-GELHS-LUNS-096		Hand Sanitizer Liquid - 96 x 1 Gallon - 80% Ethynol, Unscented	\$7,029.05	EA
CDS-SHODS-CCMS-1YR		Sho Cloud Content Management System - 1 Year Subscription	\$426.55	EA
CDS-SHODS-CCMS-2YR		Sho Cloud Content Management System - 2 Year Subscription	\$626.05	EA
CDS-SHODS-CCMS-3YR		Sho Cloud Content Management System - 3 Year Subscription	\$806.55	EA





## VTEC SHEET

Tips 230105



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EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
		<b>AvediaStream Chassis</b>		
C1210-MON		AvediaStream Monitor chassis monitor blade	\$1,364.20	EA
AVSTR-C1210-US		AvediaStream c1210 chassis, 10-slot, US power cord, includes two power supplies	\$4,590.40	EA
AVSTR-C1103-US		AvediaStream c1103 chassis, 3-slot, US power cord	\$760.00	EA
AVSTR-C1101-US		AvediaStream c1101 chassis, 1-slot, US power cord	\$410.40	EA
		<b>AvediaStream Encoders</b>		
AVSTR-E5640-US		AvediaStream e5640 encoder 1U, quad 3G-SDI / single HDMI2.0 / DisplayPort in, single HEVC 4K UHD / quad HD out, US power cord; Lead time 6 weeks.	\$18,392.00	EA
AVSTR-E3832-STD		AvediaStream e3832 Standard encoder blade, dual HD HDMI in, up to 1080p out, no HDCP	\$5,016.00	EA
AVSTR-E3832-HDCP-PRO		AvediaStream e3832 HDCP Professional encoder blade, dual HD HDMI in, up to 1080p out, HDCP Professional out to 1000 end points, enhanced features; Requires DocuSign End Customer HDCP Agreement with order (End User must complete)	\$10,609.60	EA
AVSTR-E3832-HDCP-32		AvediaStream e3832 HDCP 32 encoder blade, dual HD HDMI in, up to 1080p out, HDCPv2.2 out to 32 end points, enhanced features	\$7,934.40	EA
AVSTR-E3830-STD		AvediaStream e3830 Standard encoder blade, single HD HDMI in, up to 1080p out, no HDCP	\$2,705.60	EA
AVSTR-E3830-HDCP-PRO		AvediaStream e3830 HDCP Professional encoder blade, single HD HDMI in, up to 1080p out, HDCP Professional out to 1000 end points, enhanced features; Requires DocuSign End Customer HDCP Agreement with order (End User must complete)	\$5,624.00	EA
AVSTR-E3830-HDCP-32		AvediaStream e3830 HDCP 32 encoder blade, single HD HDMI in, up to 1080p out, HDCPv2.2 out to 32 end points, enhanced features	\$4,240.80	EA
AVSTR-E3752		AvediaStream e3752 encoder blade, dual 3G SDI in, up to 1080p out	\$9,272.00	EA
AVSTR-E3750		AvediaStream e3750 encoder blade, single 3G SDI in, up to 1080p out	\$5,016.00	EA
AVSTR-E2320		AvediaStream e2320 encoder blade, dual SD Composite/Component/S-Video/RGBS in, up to 576i out	\$1,672.00	EA
		<b>AvediaStream Transcoding and Streaming</b>		



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
AVSTR-T5620-US		AvediaStream t5620 transcoder 1U, high-performance, multiple transcodes, 4K/HD/SD in, US power cord; Lead time 4 weeks.	\$15,656.00	EA
AVSTR-T5320-US		AvediaStream t5320 transcoder 1U, multiple transcodes, 4K/HD/SD in, US power cord; Lead time 4 weeks.	\$9,576.00	EA
AVSTR-O7520-US		AvediaStream o7520 origin server 1U, multiple streams in/out, US power cord; Lead time 4 weeks.	\$3,192.00	EA
AVSTR-A2009		AvediaStream App option, High Availability available for t5320, t5620, o7520 only; AvediaStream App option, High Availability available for t5320, t5620, o7520 only	\$1,364.20	EA
		<b>AvediaStream Tvgateways</b>		
AVSTR-UCT60QIP		AvediaStream UCT60QIP TVgateway 4U, UCrypt QAM to IP, 60 tuners, includes AvediaCare Plus; Lead time 4 weeks. Requires DocuSign end customer ATX/CableLabs legal agreement with order	CALL	EA
AVSTR-UCT48QIP		AvediaStream UCT48QIP TVgateway 4U, UCrypt QAM to IP, 48 tuners, includes AvediaCare Plus; Lead time 4 weeks. Requires DocuSign end customer ATX/CableLabs legal agreement with order	CALL	EA
AVSTR-UCT24QIP		AvediaStream UCT24QIP TVgateway 4U, UCrypt QAM to IP, 24 tuners, includes AvediaCare Plus; Lead time 4 weeks. Requires DocuSign end customer ATX/CableLabs legal agreement with order	CALL	EA
AVSTR-UCT12QIP		AvediaStream UCT12QIP TVgateway 4U, UCrypt QAM to IP, 12 tuners, includes AvediaCare Plus; Lead time 4 weeks. Requires DocuSign end customer ATX/CableLabs legal agreement with order	CALL	EA
AVSTR-G4448-US-EDU		AvediaStream g4448 TVgateway blade, octal ATSC, Clear QAM; North America only. Education only	\$5,016.00	EA
AVSTR-G4448-US		AvediaStream g4448 TVgateway blade, octal ATSC, Clear QAM; North America only	\$7,448.00	EA
AVSTR-G4448		AvediaStream g4448 TVgateway blade, octal DVB-T/T2/C/C2	\$9,272.00	EA
AVSTR-G4442		AvediaStream g4442 TVgateway blade, dual DVB-T/T2/C/C2, dual CA-slots	\$4,164.80	EA
AVSTR-G4440-US		AvediaStream g4440 TVgateway blade, dual ATSC, Clear QAM; North America only	\$3,496.00	EA
AVSTR-G4440		AvediaStream g4440 TVgateway blade, dual DVB-T/T2/C/C2	\$3,496.00	EA
AVSTR-G4418		AvediaStream g4418 TVgateway blade, octal DVB-S/S2	\$9,272.00	EA



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
AVSTR-G4417-PI		AvediaStream g4417-pi Gateway blade, dual DVB-S/S2, dual CA slots, Pro:Idiom encryptor; Lead time 2 weeks. End customer DocuSign legal agreement required	\$4,164.80	EA
AVSTR-G4415-VX		AvediaStream g4415-Verimatrix TVgateway blade, dual DVB-S/S2, dual CA slots, DVB Simulcrypt (Verimatrix) encryptor	\$3,739.20	EA
AVSTR-G4415-SM		AvediaStream g4415-SECUREMEDIA TVgateway blade, dual DVB-S/S2, dual CA slots, SECUREMEDIA encryptor; US Export security check required on end customer details	\$3,739.20	EA
AVSTR-G4415-LK		AvediaStream g4415-LYNK TVgateway blade, dual DVB-S/S2, dual CA slots, Samsung LYNK DRM encryptor; Lead time 2 weeks. End customer TV model information required.	\$4,164.80	EA
AVSTR-G4412		AvediaStream g4412 TVgateway blade, dual DVB-S/S2, dual CA slots	\$3,739.20	EA
AVSTR-G4410		AvediaStream g4410 TVgateway blade, dual DVB-S/S2	\$3,313.60	EA
AVSTR-G4401-USTR-SW		AvediaStream g4401-ustr-sw software module, IP input, unrestricted IP output; SOFTWARE. Requires HARDWARE. Do not sell without avstr-g4401-hw	\$8,056.00	EA
AVSTR-G4401-HW		AvediaStream g4401-hw Gateway blade, IP input hardware platform; HARDWARE. Requires SOFTWARE. Do not sell without avstr-g4401-str-sw	\$1,368.00	EA
AVSTR-G4401-3STR-SW		AvediaStream g4401-3str-sw software module, IP input, 3 IP output; SOFTWARE. Requires HARDWARE. Do not sell without avstr-g4401-hw	\$3,496.00	EA
AVSTR-G4401-1STR-SW		AvediaStream g4401-1str-sw software module, IP input, 1 IP output; SOFTWARE. Requires HARDWARE. Do not sell without avstr-g4401-hw	\$1,368.00	EA
AVSTR-R9350		AvediaStream r9350 media player blade, single SDI/3G/HD-SDI out; Requires AvediaStream chassis.	\$2,052.00	EA
		<b>AvediaStream Accessories</b>		
RGBHV-COMPONENT		AvediaStream Video accessory, encoder RGBHV to component (YPbPr) adaptor; Minimum order 5 units.	\$182.40	EA
CAM-VI8		AvediaStream CAM accessory, Viaccess Eight Channel CAM; Lead time 4 weeks.	\$931.00	EA
CAM-VI2		AvediaStream CAM accessory, Viaccess Two Channel CAM; Lead time 4 weeks.	\$494.00	EA
CAM-MGM		AvediaStream CAM accessory, MediaGuard Professional MultiService CAM; Lead time 4 weeks.	\$931.00	EA



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
CAM-MGD		AvediaStream CAM accessory, MediaGuard dual Service CAM; Lead time 4 weeks.	\$494.00	EA
CAM-IR8		AvediaStream CAM accessory, Irdeto Eight Channel CAM; Lead time 4 weeks.	\$931.00	EA
CAM-IR2		AvediaStream CAM accessory, Irdeto Two Channel CAM; Lead time 4 weeks.	\$494.00	EA
CAM-CO8		AvediaStream CAM accessory, Conax Eight Channel CAM; Lead time 4 weeks.	\$931.00	EA
CAM-CO2		AvediaStream CAM accessory, Conax Two Channel CAM; Lead time 4 weeks.	\$494.00	EA
C1210-PWR-US		AvediaStream PSU accessory, c1210 chassis power supply, US power cord	\$668.80	EA
C1210-FAN		AvediaStream Fan accessory, c1210 chassis fan module	\$237.12	EA
C1101-PS24-US		AvediaStream PSU accessory, c1101 chassis external power supply, US power cord	\$231.04	EA
AVSTR-CBPL		AvediaStream Chassis accessory, chassis slot blanking plate	\$27.36	EA
ACCESS-USB		AvediaStream USB accessory, serial cable USB to RJ-45	\$231.04	EA
ACCESS-SRL		AvediaStream Serial accessory, serial connector RJ-45 to 9-pin D-type; Minimum order 10 units.	\$25.08	EA
ACCESS-IRT		AvediaStream IR accessory, encoder infrared transmitter; Minimum order 5 units.	\$38.76	EA
		<b>AvediaPlayer Plugin</b>		
AVPLY-PG-1000+		Qty 1000+, AvediaPlayer Plugin client license, PC single user license (node locked requiring MAC address); Host PC MAC required. per plugin	\$53.20	EA
AVPLY-PG-0999		Qty 500-999, AvediaPlayer Plugin client license, PC single user license (node locked requiring MAC address); Host PC MAC required. per plugin	\$58.52	EA
AVPLY-PG-0499		Qty 100-499, AvediaPlayer Plugin client license, PC single user license (node locked requiring MAC address); Host PC MAC required. per plugin	\$62.32	EA
AVPLY-PG-0099		Qty 10-99, AvediaPlayer Plugin client license, PC single user license (node locked requiring MAC address); Host PC MAC required. per plugin	\$66.88	EA
AVPLY-PG-0009		Qty 1-9, AvediaPlayer Plugin client license, PC single user license (node locked requiring MAC address); Host PC MAC required. per plugin	\$71.44	EA
RTIO-PG-1000+		Qty 1000+, AvediaPlayer Plugin client license, PC floating single user license; AvediaServer MAC required. Requires m7205 OR m7305.	\$53.20	EA



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
ARTIO-PG-0999		Qty 500-999, AvediaPlayer Plugin client license, PC floating single user license; AvediaServer MAC required. Requires m7205 OR m7305.	\$58.52	EA
ARTIO-PG-0499		Qty 100-499, AvediaPlayer Plugin client license, PC floating single user license; AvediaServer MAC required. Requires m7205 OR m7305.	\$62.32	EA
ARTIO-PG-0099		Qty 10-99, AvediaPlayer Plugin client license, PC floating single user license; AvediaServer MAC required. Requires m7205 OR m7305. Minimum order 10 units.	\$66.88	EA
		<b>AvediaPlayer Receivers and Media Players</b>		
AVPLY-R9300-500+		Qty 500+, AvediaPlayer r9300 media player, single HD AV (HDMI) out, PoE (802.3af), includes ArtioPortal client license	\$311.60	EA
AVPLY-R9300-499		Qty 100-499, AvediaPlayer r9300 media player, single HD AV (HDMI) out, PoE (802.3af), includes ArtioPortal client license	\$323.00	EA
AVPLY-R9300-099		Qty 10-99, AvediaPlayer r9300 media player, single HD AV (HDMI) out, PoE (802.3af), includes ArtioPortal client license	\$349.60	EA
AVPLY-R9300-009		Qty 1-9, AvediaPlayer r9300 media player, single HD AV (HDMI) out, PoE (802.3af), includes ArtioPortal client license	\$380.00	EA
AVPLY-R9310-500+		Qty 500+, AvediaPlayer r9310 media player, single HD AV (HDMI)/Component/Composite out, PoE (802.3af), includes ArtioPortal client license	\$349.60	EA
AVPLY-R9310-499		Qty 100-499, AvediaPlayer r9310 media player, single HD AV (HDMI)/Component/Composite out, PoE (802.3af), includes ArtioPortal client license	\$391.40	EA
AVPLY-R9310-099		Qty 10-99, AvediaPlayer r9310 media player, single HD AV (HDMI)/Component/Composite out, PoE (802.3af), includes ArtioPortal client license	\$429.40	EA
AVPLY-R9310-009		Qty 1-9, AvediaPlayer r9310 media player, single HD AV (HDMI)/Component/Composite out, PoE (802.3af), includes ArtioPortal client license	\$467.40	EA
AVPLY-M9305-500+		Qty 500+ AvediaPlayer m9305 media player, single HD AV (HDMI) out, 32 GB storage, PoE (802.3af), includes ArtioPortal client license; Lead time 4 weeks.	\$363.28	EA
AVPLY-M9305-499		Qty 100-499, AvediaPlayer m9305 media player, single HD AV (HDMI) out, 32 GB storage, PoE (802.3af), includes ArtioPortal client license; Lead time 4 weeks.	\$381.52	EA



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
AVPLY-M9305-099		Qty 10-99, AvediaPlayer m9305 media player, single HD AV (HDMI) out, 32 GB storage, PoE (802.3af), includes ArtioPortal client license; Lead time 4 weeks.	\$399.00	EA
AVPLY-M9305-009		Qty 1-9, AvediaPlayer m9305 media player, single HD AV (HDMI) out, 32 GB storage, PoE (802.3af), includes ArtioPortal client license; Lead time 4 weeks.	\$434.72	EA
AVPLY-M9325-WIFI		AvediaPlayer m9325 Wi-Fi media player, single HD AV (HDMI) out, 32 GB storage, Wi-Fi, 2-port Ethernet switch, PoE (802.3af), includes ArtioPortal client license; Lead time 8 weeks. No volume breaks	\$923.40	EA
AVPLY-M9325		AvediaPlayer m9325 media player, single HD AV (HDMI) out, 32 GB storage, 2-port Ethernet switch, PoE (802.3af), includes ArtioPortal client license; Lead time 6 weeks. No volume breaks	\$558.60	EA
AVPLY-M9400-500+		Qty 500+, AvediaPlayer m9400 media player, single 4K UHD AV (HDMI) out, PoE (802.3af); Requires AvediaServer v8.10 or later. Lead time 4 weeks.	\$416.48	EA
AVPLY-M9400-499		Qty 100-499, AvediaPlayer m9400 media player, single 4K UHD AV (HDMI) out, PoE (802.3af); Requires AvediaServer v8.10 or later. Lead time 4 weeks.	\$437.76	EA
AVPLY-M9400-099		Qty 10-99, AvediaPlayer m9400 media player, single 4K UHD AV (HDMI) out, PoE (802.3af); Requires AvediaServer v8.10 or later. Lead time 4 weeks.	\$459.04	EA
AVPLY-M9400-009		Qty 1-9, AvediaPlayer m9400 media player, single 4K UHD AV (HDMI) out, PoE (802.3af); Requires AvediaServer v8.10 or later. Lead time 4 weeks.	\$501.60	EA
AVPLY-M9405-500+		Qty 500+, AvediaPlayer m9405 media player, single 4K UHD AV (HDMI) out, 32 GB storage, PoE (802.3af); Requires AvediaServer v8.5 or later. Lead time 4 weeks.	\$465.12	EA
AVPLY-M9405-499		Qty 100-499, AvediaPlayer m9405 media player, single 4K UHD AV (HDMI) out, 32 GB storage, PoE (802.3af); Requires AvediaServer v8.5 or later. Lead time 4 weeks.	\$489.44	EA
AVPLY-M9405-099		Qty 10-99, AvediaPlayer m9405 media player, single 4K UHD AV (HDMI) out, 32 GB storage, PoE (802.3af); Requires AvediaServer v8.5 or later. Lead time 4 weeks.	\$513.76	EA



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
AVPLY-M9405-009		Qty 1-9, AvediaPlayer m9405 media player, single 4K UHD AV (HDMI) out, 32 GB storage, PoE (802.3af); Requires AvediaServer v8.5 or later. Lead time 4 weeks.	\$562.40	EA
		<b>AvediaPlayer Receivers and Media Players Accessories</b>		
IMCOS-IPTV-R93XX-R		AvediaPlayer IR accessory, receiver IR remote control and standard 38KHz IR extender, includes 2 batteries (ER03X/UM4/AAA - Not restricted under special provision (SP) A123)	\$33.44	EA
AVPLY-RCT		AvediaPlayer IR accessory, receiver tethered remote control	\$76.00	EA
AVPLY-IRRCK		AvediaPlayer IR accessory, 28 button receiver IR remote control and standard 38KHz IR extender, includes 2 batteries (ER03X/UM4/AAA - Not restricted under special provision (SP) A123); Available Q3 2019. New 28 button remote	\$36.48	EA
AVPLY-IRRC		AvediaPlayer IR accessory, 28 button receiver IR remote control, includes 2 batteries (ER03X/UM4/AAA - Not restricted under special provision (SP) A123); Available Q3 2019. New 28 button remote	\$30.40	EA
AVPLY-IR38		AvediaPlayer IR accessory, receiver standard 38KHz IR extender; Minimum order 10 units.	\$24.32	EA
AVPLY-PSU-US		AvediaPlayer PSU accessory, receiver external power supply, US power cord	\$33.44	EA
AVPLY-PS48-US		AvediaPlayer PSU accessory, m9325/m9325-wifi external power supply, US power cord; Compatible with m9325 or m9325-wifi only	\$42.56	EA
AVPLY-SER-SON1		AvediaPlayer Serial accessory, receiver serial port to Sony RJ-12 serial port cable; Lead time 2 weeks.	\$27.36	EA
AVPLY-SER-SAM4		AvediaPlayer Serial accessory, receiver serial port to Samsung RJ-12 serial port cable; Lead time 2 weeks.	\$27.36	EA
AVPLY-SER-SAM3		AvediaPlayer Serial accessory, receiver serial port to Samsung 3.5mm IR port cable; Lead time 2 weeks.	\$27.36	EA
AVPLY-SER-PHI1		AvediaPlayer Serial accessory, receiver IR and serial port to Philips RJ-48 serial port cable; Lead time 2 weeks.	\$27.36	EA
AVPLY-IRSER-SAM2		AvediaPlayer Serial accessory, receiver IR and serial port to Samsung RJ12 serial port cable; Lead time 2 weeks.	\$63.84	EA



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
AVPLY-IRSER-LG2		AvediaPlayer Serial accessory, receiver IR and serial port to LG DB9 serial port cable; Lead time 2 weeks.	\$63.84	EA
AVPLY-IR-SAM1		AvediaPlayer IR accessory, receiver IR port to Samsung 3.5mm IR port cable; Lead time 2 weeks.	\$63.84	EA
AVPLY-IR-LG1		AvediaPlayer IR accessory, receiver IR port to LG 3.5mm IR port cable; Lead time 2 weeks.	\$63.84	EA
AVPLY-VSBKT		AvediaPlayer Bracket accessory, receiver display rear mounting bracket, fits displays under 32", attaches to standard fixing points; Compatible with all x93xx media players	\$39.52	EA
AVPLY-VLBKT		AvediaPlayer Bracket accessory, receiver display rear mounting bracket, fits displays 32" and larger, attaches to standard fixing points; Compatible with all x93xx media players	\$45.60	EA
AVPLY-SMBKT		AvediaPlayer Bracket accessory, receiver simple wall mounting bracket; Compatible with m9305 and r9300 only	\$27.36	EA
AVPLY-DBKT		AvediaPlayer Bracket accessory, receiver under-desk/wall mounting bracket; Compatible with all x93xx receivers	\$27.36	EA
AVPLY-94XX-VSBKT		AvediaPlayer x94xx Bracket accessory, receiver display rear mounting bracket, fits displays under 32", attaches to standard fixing points; Compatible with x94xx media players only	\$39.52	EA
AVPLY-94XX-VLBKT		AvediaPlayer x94xx Bracket accessory, receiver display rear mounting bracket, fits displays 32" and larger, attaches to standard fixing points; Compatible with x94xx media players only	\$45.60	EA
AVPLY-94XX-SMBKT		AvediaPlayer x94xx Bracket accessory, receiver simple wall mounting bracket; Compatible with x94xx media players only	\$33.44	EA
AVPLY-LIC-LK-SAM		Samsung LYNK DRM receiver license (Samsung TV attached); AvediaPlayer MAC required. Requires x93xx receiver. End User information required via DocuSign	\$45.60	EA
AVPLY-LIC-LK-OTH		Samsung LYNK DRM receiver license (Non-Samsung TV attached); AvediaPlayer MAC required. Requires x93xx receiver. End User information required via DocuSign	\$45.60	EA
AVPLY-LIC-GL		Galio browser feature license for AvediaPlayer r93xx; AvediaPlayer MAC required. Requires x93xx receiver.	\$45.60	EA
		<b>AvediaServer Chassis</b>		



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
AVSRV-V1600		AvediaServer v1600 virtual platform, VM license; Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$1,231.20	EA
AVSRV-C1585-48TB-US		AvediaServer c1585 hardware platform 2U, 48TB RAID, 8 disk slots, hardware RAID control, US power cord; Available Q3 2019. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$31,874.40	EA
AVSRV-C1585-32TB-US		AvediaServer c1585 hardware platform 2U, 32TB RAID, 8 disk slots, hardware RAID control, US power cord; Available Q3 2019. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$25,703.20	EA
AVSRV-C1585-16TB-US		AvediaServer c1585 hardware platform 2U, 16TB RAID, 8 disk slots, hardware RAID control, US power cord; Available Q3 2019. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$21,599.20	EA
AVSRV-C1585-08TB-US		AvediaServer c1585 hardware platform 2U, 8TB RAID, 8 disk slots, hardware RAID control, US power cord; Available Q3 2019. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$18,863.20	EA
AVSRV-C1565-24TB-US		AvediaServer c1565 hardware platform 1U, 24TB RAID, 4 disk slots, hardware RAID control, US power cord; Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$11,901.60	EA
AVSRV-C1565-16TB-US		AvediaServer c1565 hardware platform 1U, 16TB RAID, 4 disk slots, hardware RAID control, US power cord; Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$9,165.60	EA
AVSRV-C1565-08TB-US		AvediaServer c1565 hardware platform 1U, 8TB RAID, 4 disk slots, hardware RAID control, US power cord; Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$7,037.60	EA
AVSRV-C1565-04TB-US		AvediaServer c1565 hardware platform 1U, 4TB RAID, 4 disk slots, hardware RAID control, US power cord; Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$5,517.60	EA
AVSRV-C1520-US		AvediaServer c1520 hardware platform 1U, fixed 1TB content storage, US power cord; Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$1,504.80	EA
C1565-PWR-US		AvediaServer PSU accessory, c1565 hardware platform replacement power supply, US power cord	\$357.20	EA
		<b>AvediaServer Software</b>		



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
AVSRV-M8365		AvediaServer m8365 ArtioGuest hospitality software module; Requires c1520-xx OR c1565-xx OR v1600 AND avsrv-bw-xx. Compatible licences: artio-lic-ldn, artio-lfd, artio-flo, avsrv-a1007, artio-pg, artio-mv, artio-stv, avsrv-bw-55, avsrv-bw-110, avsrv-bw-220, avsrv-bw-550. Note: avsrv-bw-1000/2000/3000 is available	\$4,875.40	EA
AVSRV-M8115		AvediaServer m8115 ArtioSign digital signage software module; Requires c1510-50-xx OR c1520-xx OR c1565-xx OR v1600. Compatible licences: artio-lic-ldn, artio-lfd, artio-flo, avsrv-a1007, artio-pg, artio-mv.	\$1,592.20	EA
AVSRV-M8105		AvediaServer m8105 basic IP video and digital signage software module; Requires c1510-50-xx OR c1520-xx OR c1565-xx OR v1600. Compatible licences: artio-lic-ldn, artio-lfd, artio-flo, avsrv-a1007, artio-pg, artio-mv.	\$862.60	EA
AVSRV-M7305		AvediaServer m7305 software module, IPTV Creator, includes ArtioPortal middleware, Record and VoD; Requires c1520-xx OR c1565-xx OR v1600 AND avsrv-bw-xx. Compatible licences: artio-lic-ldn, artio-lfd, artio-flo, avsrv-a1006, avsrv-a1007, artio-dk, artio-pg, artio-mv, artio-mob, artio-stv, avsrv-bw-55, avsrv-bw-110, avsrv-bw-220, avsrv-bw-550. Note: av	\$3,051.40	EA
AVSRV-M7205		AvediaServer m7205 software module, IPTV Producer, includes ArtioPortal middleware; Requires c1510-50-xx OR c1520-xx OR c1565-xx OR v1600. Compatible licences: artio-lic-ldn, artio-lfd, artio-flo, avsrv-a1006, avsrv-a1007, artio-dk, artio-pg, artio-mv, artio-mob, artio-stv	\$2,443.40	EA
		<b>AvediaServer Bandwidth</b>		
IMCOS-IPTV-BW-200		AvediaServer Bandwidth option, 200 Mbps; Order MUST contain IMCOS-IPTV-M7300 AND MCOS-IPTV-HD-14000	\$3,070.40	EA
AVSRV-BW-6000		AvediaServer Bandwidth option, 6000 Mbps; Requires m7305 OR m8365. Only available on the c1585 or v1600 platforms.	\$31,768.00	EA
AVSRV-BW-550		AvediaServer Bandwidth option, 550 Mbps; Requires m7305 OR m8365.	\$7,934.40	EA
AVSRV-BW-3000		AvediaServer Bandwidth option, 3000 Mbps; Requires m7305 OR m8365. Only available on the c1585 or v1600 platforms.	\$20,413.60	EA
AVSRV-BW-220		AvediaServer Bandwidth option, 220 Mbps; Requires m7305 OR m8365.	\$3,070.40	EA



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
AVSRV-BW-2000		AvediaServer Bandwidth option, 2000 Mbps; Requires m7305 OR m8365. Only available on the c1565, c1585 or v1600 platforms.	\$15,352.00	EA
AVSRV-BW-110		AvediaServer Bandwidth option, 110 Mbps; Requires m7305 OR m8365.	\$1,246.40	EA
AVSRV-BW-1000		AvediaServer Bandwidth option, 1000 Mbps; Requires m7305 OR m8365. Only available on the c1565, c1585 or v1600 platforms.	\$10,282.80	EA
		<b>AvediaServer Specilaist Apps</b>		
AVSRV-A1009		AvediaServer application option, High Availability available for m8115 and m8365 only; Available for m8115 and m8365 only	\$1,364.20	EA
AVSRV-A1008		AvediaServer App option, Chromecast Control Software; Option for m8365 only	\$1,307.20	EA
AVSRV-A1007		AvediaServer App option, ArtioMultiview Configurator, includes 10 artio-mv multiview client licenses; Includes 10 client licenses. Extra licenses available seperately	\$3,800.00	EA
AVSRV-A1006		AvediaServer App option, PMS Link Software	\$1,307.20	EA
ARTIO-MV-10+		Qty 10+, ArtioPortal Multiview client license, PC floating single user license; AvediaServer MAC required. Requires avsrv-a1007. Note: avsrv-a1007 may already be on the AvediaServer.	\$425.60	EA
ARTIO-MV-09		Qty 1-9, ArtioPortal Multiview client license, PC floating single user license; AvediaServer MAC required. Requires avsrv-a1007. Note: avsrv-a1007 may already be on the AvediaServer.	\$456.00	EA
AIRTM-LIC-10		ArtioPortal Airtime client license, Smart TV single user license (qty 10); AvediaServer MAC required. Do not ship to US, Canada. End User information required	\$334.40	EA
		<b>AvediaPlayer Desktop Licenses</b>		
ARTIO-DK-1000+		Qty 1000+, AvediaPlayer Desktop client license, PC floating single user license; AvediaServer MAC required. Requires m7205 OR m7305.	\$37.24	EA
ARTIO-DK-0999		Qty 500-999, AvediaPlayer Desktop client license, PC floating single user license; AvediaServer MAC required. Requires m7205 OR m7305.	\$42.56	EA
ARTIO-DK-0499		Qty 100-499, AvediaPlayer Desktop client license, PC floating single user license; AvediaServer MAC required. Requires m7205 OR m7305.	\$44.84	EA



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
ARTIO-DK-0099		Qty 10-99, AvediaPlayer Desktop client license, PC floating single user license; AvediaServer MAC required. Requires m7205 OR m7305. Minimum order 10 units.	\$48.64	EA
		<b>ArtioGuest Smart TV Licenses</b>		
ARTIO-STV-1000+		Qty 1000+, ArtioGuest or ArtioPortal SmartTV client license, smart TV floating single user license; AvediaServer MAC required. Requires m7205 OR m7305 OR m8365.	\$91.20	EA
ARTIO-STV-0999		Qty 500-999, ArtioGuest or ArtioPortal SmartTV client license, smart TV floating single user license; AvediaServer MAC required. Requires m7205 OR m7305 OR m8365.	\$101.08	EA
ARTIO-STV-0499		Qty 1-499, ArtioGuest or ArtioPortal SmartTV client license, smart TV floating single user license; AvediaServer MAC required. Requires m7205 OR m7305 OR m8365.	\$120.08	EA
		<b>AvediaPlayer Mobile Licenses</b>		
ARTIO-MOB-1000+		Qty 1000+, ArtioPortal Mobile client license, mobile device floating single user license; AvediaServer MAC required. Requires m7205 OR m7305.	\$37.24	EA
ARTIO-MOB-0999		Qty 500-999, ArtioPortal Mobile client license, mobile device floating single user license; AvediaServer MAC required. Requires m7205 OR m7305.	\$42.56	EA
ARTIO-MOB-0499		Qty 100-499, ArtioPortal Mobile client license, mobile device floating single user license; AvediaServer MAC required. Requires m7205 OR m7305.	\$44.84	EA
ARTIO-MOB-0099		Qty 10-99, ArtioPortal Mobile client license, mobile device floating single user license; AvediaServer MAC required. Requires m7205 OR m7305. Minimum order 10 units.	\$48.64	EA
		<b>ArtioSign Spceialist Apps</b>		
ARTIO-LIC-POS		ArtioSign POS element, MAC-locked server license; AvediaServer MAC required. One license per server. Available for m8115 or m8365 only	\$684.00	EA
ARTIO-LIC-MSUM		ArtioSign Meeting room summary element; AvediaServer MAC required. One license per server. Available for m8115 or m8365 only	\$684.00	EA
ARTIO-LIC-LDN		ArtioSign London Transport Element license; AvediaServer MAC required. One license per server	\$684.00	EA



Part Number	Model Name	Long Description	Customer Price	Unit
<b>ArtioSign Licenses - LFD</b>				
ARTIO-LFD-500+		Qty 500+, ArtioSign signage client LFD/SSSP floating single user license; AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$231.80	EA
ARTIO-LFD-499		Qty 100-499, ArtioSign signage client LFD/SSSP floating single user license; AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$296.40	EA
ARTIO-LFD-099		Qty 10-99, ArtioSign signage client LFD/SSSP floating single user license; AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$357.20	EA
ARTIO-LFD-009		Qty 1-9, ArtioSign signage client LFD/SSSP floating single user license; AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$387.60	EA
<b>ArtioSign Bulk Education Licenses</b>				
ARTIO-FLO-EDU-500		ArtioSign signage client, Receiver floating license pack (Qty 500); AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$38,228.00	EA
ARTIO-FLO-EDU-100		ArtioSign signage client, Receiver floating license pack (Qty 100); AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$15,656.00	EA
ARTIO-FLO-EDU-050		ArtioSign signage client, Receiver floating license pack (Qty 50); AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$11,476.00	EA
ARTIO-FLO-EDU-010		ArtioSign signage client, Receiver floating license pack (Qty 10); AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365.	\$2,758.80	EA
<b>ArtioSign Licenses - Media Players</b>				
ARTIO-FLO-500+		Qty 500+, ArtioSign signage client, Receiver floating single user license; AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365. Receiver firmware v6.2.3/ server V7.11 onwards.	\$304.00	EA
ARTIO-FLO-499		Qty 100-499, ArtioSign signage client, Receiver floating single user license; AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365. Receiver firmware v6.2.3/ server V7.11 onwards.	\$372.40	EA



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
ARTIO-FLO-099		Qty 10-99, ArtioSign signage client, Receiver floating single user license; AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365. Receiver firmware v6.2.3/ server V7.11 onwards.	\$433.20	EA
ARTIO-FLO-009		Qty 1-9, ArtioSign signage client, Receiver floating single user license; AvediaServer MAC required. Requires m8105 OR m8115 OR m7205 OR m7305 OR m8365. Receiver firmware v6.2.3/ server V7.11 onwards.	\$463.60	EA
		<b>Training, Services and Warranty</b>		
TRAINING-BTL		End user attendance Beyond The LAN training course (1 day)	\$760.00	EA
TRAINING-ARTIOSIGN		End user attendance ArtioSign Digital Signage training course (1 day)	\$760.00	EA
TRAINING-ARTIOPORTAL		End user attendance ArtioPortal Middleware training course (1 day)	\$760.00	EA
REPAIR-PRD		Out of warranty repair; Repair price is 25% of RRP	CALL	EA
PROJECT-OFFSHORE		Project support offshore (day rate) (travel/expenses additional cost)	\$1,216.00	EA
PROJECT-EXPENSES		Expenses for travel/lodging/subsistence; Variable expenses	CALL	EA
PROJECT-DESIGN		Design services (day rate); 3 days minimum order quantity with recommendation that 5 days typical. Requires creative brief to be completed and reviewed by design team.	\$1,368.00	EA
PROJECT-CONSULT		Commissioning Support (day rate) (travel/expenses included)	\$1,976.00	EA
PROJECT-COMMISSION		Commissioning Support (day rate) (travel/expenses additional cost)	\$1,368.00	EA
AVCARE-PD-DIRECT-247		AvediaCare Plus care direct from Exterity with 24/7 access and support response, 1 year, Percentage of estate RRP. Product support, advanced replacement, updates and bug fixes. Requires contract and pre-authorisation before purchase; Percentage. Invoice either directly or significantly reduced channel margins required when direct support being provided	\$0.15	EA
AVCARE-PD-DIRECT		AvediaCare Plus care direct from Exterity, 1 year, Percentage of estate RRP. Product support, advanced replacement, updates and bug fixes. Requires contract and pre-authorisation before purchase; Percentage. Invoice either directly or significantly reduced channel margins required when direct support being provided	\$0.11	EA



EXTERITY Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
AVCARE-PD-247		AvediaCare Plus care via System Integrator with 24/7 access and support response, 1 year, Percentage of estate RRP. Product support, advanced replacement, updates and bug fixes. Requires contract and pre-authorisation before purchase; Percentage. Invoice either directly or significantly reduced channel margins required when direct support being provided	\$0.15	EA
AVCARE-PD		AvediaCare Plus care, 1 year, percentage of system value. Product support, advanced replacement, updates and bug fixes; Percentage	\$0.11	EA
AVCARE-BS		AvediaCare Basic care, percentage of system value. Product support, updates and bug fixes, 1 year; Percentage. Does not include hardware warranty or advanced replacement.	CALL	EA
		<b>Encryption Servers</b>		
SCRMD-SYS2017-US		SECUREMEDIA DRM Server 1U, includes SECUREMEDIA server plus software and location license, US power cord; Check US Export Control <a href="https://www.export.gov/csl-search">https://www.export.gov/csl-search</a> Special pricing for 2017 only. SECUREMEDIA server	\$4,605.60	EA
SCRMD-CLT2017-VOD		SECUREMEDIA DRM Client, per client license (VOD use only); Receiver MAC required. Check US Export Control <a href="https://www.export.gov/csl-search">https://www.export.gov/csl-search</a> Special pricing for 2017 only. VOD-only client	\$77.52	EA
SCRMD-CLT2017-BRD		SECUREMEDIA DRM Client, per client license (broadcast use only); Receiver MAC required. Check US Export Control <a href="https://www.export.gov/csl-search">https://www.export.gov/csl-search</a> Special pricing for 2017 only. Broadcast-only client	\$77.52	EA





## HALL TECHNOLOGY SHEET

Tips 230105



**THE INTERLOCAL  
PURCHASING SYSTEM**  
"PURCHASING MADE SIMPLE"

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## HALL RESEARCH Customer Pricing

Part Number		Long Description	Customer Price	Unit
200A		1x2 VGA Distribution Amplifier with Audio	\$252.00	EA
210-LU		2-Port RGBHV Splitter with Universal Sync Input	\$542.50	EA
4-to-1KM		4 Channel Keyboard & Mouse Switch	\$377.30	EA
400		4 Port VGA Video Splitter	\$293.30	EA
511-21148-2709-T3		511-21148-2709-T3	\$172.20	EA
511-3A-161WP05		5v DC Universal Power Supply with International Plug Kit	\$156.10	EA
511-EA10681E-480		511-EA10681E-480 Universal Power Supply 110-120 VAC 50-60 Hz; 48v @ 0.83A output	\$171.50	EA
511-IEC5V4AP5		511-IEC5V4AP5 Power Supply	\$172.20	EA
511-IEC5V4AP5L		Power Supply, 5v 4a, 2.1mm locking output, IEC320 input w/US AC cord	\$172.20	EA
511-POH-30W		511-POH-30W PoH Compliant Power Inserter	\$196.00	EA
511-PS0510		5v DC Universal Power Supply	\$151.20	EA
511-PS4815		511-PS4815 Universal Power Supply w/IEC320 input & 48v @ 1.5A output	\$178.50	EA
511-PS6020A		511-PS6020A Power Supply	\$172.20	EA
511-PS9016A		511-PS9016A Power Supply	\$172.20	EA
511-U5V1AP5		Universal Power Supply, 2.1mm output 5v @ 1A	\$153.30	EA
511-U5V2AP5		Universal Power Supply with International Plug Kit, 2.1mm output 5v @ 2A	\$153.30	EA
511-U5V2AP5L		Universal Power Supply with International Plug Kit, 2.1mm locking output 5v @ 2A	\$153.30	EA
511-U6V1AP6		511-U6V1AP6 Power Supply, 6V, 1A Wall Mount with Global Plug Kit	\$153.30	EA
AD-340		Universal Audio Delay Processor	\$391.30	EA
AF10203		Utility Box	\$346.50	EA
AMP-4840		40 Watt Audio Amplifier with Microphone Mixer and RS-232 Control	\$346.50	EA
AMP-4840-REMOTE		Model AMP-4840 IR Remote Kit	\$169.40	EA
AMP-7040		40 Watt Audio Amp for 70V or 100V Systems with RS-232 Control	\$402.50	EA
AMP-7040-REMOTE		Model AMP-7040 IR Remote Kit	\$169.40	EA
BR-A		Base Bracket	\$35.00	EA
BR-AB-KIT		Kit of 'BR-A' and 'BR-B' brackets with mounting screws	\$58.80	EA
BR-B		Bracket Clamp	\$25.20	EA
C-3RCA-CP-*I		12" Component Video cables	CALL	EA
C-3RCA-CP-12I		12" Component Video cables	\$23.80	EA
C-HDMI-*		HDMI patch cables	CALL	EA
C-HDMI-1M		HDMI 1 Meter patch cables	\$26.60	EA
C-HDMI-5i		HDMI 5 Inch patch cables	\$15.40	EA
C-HDMI-DVI-*M		DVI-to-HDMI cable	CALL	EA
C-HDMI-DVI-1M		1M DVI-to-HDMI cable	\$26.60	EA
C-HDMI-DVI-2M		2M DVI-to-HDMI cable	\$37.80	EA



## HALL RESEARCH Customer Pricing

Part Number		Long Description	Customer Price	Unit
C-HDMI-L-10		10 FT Locking HDMI Cable	\$44.80	EA
C-HDMI-L-1_5		1.5 FT Locking HDMI Cable	\$28.00	EA
CA-VU-10		10 FT VGA and USB KVM Cable	\$30.80	EA
CA-VU-15		15 FT VGA and USB KVM Cable	\$44.80	EA
CA10087-10		10 FT MC4-H2 connection cables	\$53.20	EA
CA10217		CA10217 Pluggable Terminal Block to two DB9 RS232 Cable	\$63.00	EA
CC-101		Closed Caption Decoder and Text Video Overlay	\$483.00	EA
CC-101-PRO		Closed Caption Decoder and Text Video Overlay With CC Streaming, Progressive Component & VGA Out	\$770.00	EA
CHD-AP10		10 METER 4K Javelin Plenum Optical HDMI Cable	\$371.00	EA
CHD-AP100		100 METER 4K Javelin Plenum Optical HDMI Cable	\$1,533.00	EA
CHD-AP15		15 METER 4K Javelin Plenum Optical HDMI Cable	\$399.00	EA
CHD-AP23		23 METER 4K Javelin Plenum Optical HDMI Cable	\$469.00	EA
CHD-AP30		30 METER 4K Javelin Plenum Optical HDMI Cable	\$525.00	EA
CHD-AP46		46 METER 4K Javelin Plenum Optical HDMI Cable	\$693.00	EA
CHD-AP60		60 METER 4K Javelin Plenum Optical HDMI Cable	\$833.00	EA
CHD-DE*		CHD-DE* 4K Javelin Active Plenum HDMI Cable w/Detachable Ends	CALL	EA
CHD-DE10		10 METER 4K Javelin Plenum Optical HDMI Cable w/Detachable Ends	\$399.00	EA
CHD-DE100		100 METER 4K Javelin Plenum Optical HDMI Cable w/Detachable Ends	\$1,561.00	EA
CHD-DE15		15 METER 4K Javelin Plenum Optical HDMI Cable w/Detachable Ends	\$413.00	EA
CHD-DE23		23 METER 4K Javelin Plenum Optical HDMI Cable w/Detachable Ends	\$511.00	EA
CHD-DE30		30 METER 4K Javelin Plenum Optical HDMI Cable w/Detachable Ends	\$553.00	EA
CHD-DE46		46 METER 4K Javelin Plenum Optical HDMI Cable w/Detachable Ends	\$735.00	EA
CHD-DE60		60 METER 4K Javelin Plenum Optical HDMI Cable w/Detachable Ends	\$903.00	EA
CHD-SF*		CHD-SF* SnugFit High Speed Latching HDMI Cables	CALL	EA
CHD-SF01		SnugFit High Speed Latching HDMI Cable - 1 ft Long	\$16.80	EA
CHD-SF03		SnugFit High Speed Latching HDMI Cable - 3 ft Long	\$21.00	EA
CHD-SF06		SnugFit High Speed Latching HDMI Cable - 6 ft Long	\$30.80	EA



## HALL RESEARCH Customer Pricing

Part Number	Long Description	Customer Price	Unit
CVGA-X-100-MM	100 FT Male-to-Male VGA cables	\$145.60	EA
CVGA-X-25-MM	25 FT Male-to-Male VGA cables	\$49.00	EA
CVGA-X-50-MM	50 FT Male-to-Male VGA cables	\$81.20	EA
CW-KVM-06	KVM cables	\$36.40	EA
DAC-51	Universal Digital to Analog Audio Decoder DSP	\$126.00	EA
DVI-DE-D	4K Javelin Plenum Active Optical HDMI Cable Detachable end (Display)	\$51.80	EA
DVI-DE-S	4K Javelin Plenum Active Optical HDMI Cable Detachable end (Source)	\$51.80	EA
DVS-2A	2x1 DVI Switch with Audio, Serial Control & Long Cable Equalization	\$427.00	EA
DVS-4A	4-Port DVI Switch with Audio, Serial Control & Long Cable Equalization	\$586.60	EA
EM-EDID-HD15	VGA EDID Emulator	\$105.00	EA
EM-EDID-HD15-P	VGA EDID Emulator w/Power Supply	\$133.00	EA
EM-HD-NCP	HDMI Display EDID Emulator	\$31.50	EA
EMX-AMP	4K HDMI Audio Extractor with Audio Amplifier and RS-232 Control	\$581.00	EA
EMX-DVI	Single & Dual Link DVI Extender w/ EDID Mgmt	\$278.60	EA
EMX-I-AMP	4K HDMI Audio Extractor with Audio Amplifier, RS-232 and IP Control	\$693.00	EA
EX-4KU	USB & 4K HDMI with HDBaseT 2.0 Extension on a Single Gang Wall-Plate	\$910.00	EA
EX-4KU-WP	USB 2.0 & 4K HDMI with HDBaseT 2.0 Extension on a Single Gang Wall-Plate	\$399.00	EA
EX-DVI-2A	DVI Extender	\$126.00	EA
EX-HDU	HDMI and USB Extension on CAT6 with Audio and Integrated Control	\$798.00	EA
EX-HDU-IP	HDMI and USB Extension on CAT6 with Audio, Integrated Control and IP	\$938.00	EA
EX-HDU-R	HDMI and USB Extension on CAT6 with Audio and Integrated Control Receiver	\$469.00	EA
EX-HDU-R-IP	HDMI and USB Extension on CAT6 with Audio, Integrated Control and IP Receiver	\$609.00	EA
EX-HDU-WP	HDMI and USB Extension on CAT6 Decora Wall plate Sender	\$329.00	EA
EX-VU1	HDMI and USB Extension with Audio and Control	\$833.00	EA
EXHD-RG6	HDMI-over-Coax Extender	\$655.20	EA
EXHD-RG6-R	HDMI-over-Coax Receiver	\$320.60	EA
F10295-KIT	Rack Mount Kit for SC-1080D	\$42.00	EA
F10341-KIT	Mounting Bracket Kit for EMX-AMP, VSA-X21, VSA-51-R, SC-3H	\$42.00	EA
F10511-KIT	Rack Mount Kit for SW-HD-4	\$42.00	EA
F10537-KIT	Rack Mount Kit for SP-HD-8B	\$42.00	EA
F10570-KIT	4RU Rack Mount Kit for VERSA-4K	\$105.00	EA
F10571	Model F10571 blank filler plate	\$13.30	EA
FHD-BLANK	Model FHD-BLANK filler plate	\$10.50	EA
FHD-RM	Model FHD-RM Rack Mount Shelf, 4 RU	\$84.00	EA



## HALL RESEARCH Customer Pricing

Part Number		Long Description	Customer Price	Unit
CHD-SF10		SnugFit High Speed Latching HDMI Cable - 10 ft Long	\$40.60	EA
CHD-SF15		SnugFit High Speed Latching HDMI Cable - 15 ft Long	\$54.60	EA
CHD-SF25		SnugFit High Speed Latching HDMI Cable - 25 ft Long	\$82.60	EA
CHD15-RGB-*		HD15 to 3-RCA Component Video (YPbPr) Cables	CALL	EA
CHD15-RGB-03		3 FT HD15 to 3-RCA Component Video (YPbPr) Cables	\$25.20	EA
CHD15-RGB-06		6 FT HD15 to 3-RCA Component Video (YPbPr) Cables	\$23.80	EA
CIR-DET-D1		IR Receiver Cable (Type 1)	\$23.10	EA
CIR-DET-D2		IR Receiver Cable (Type 2)	\$36.40	EA
CIR-DET-P2		IR Receiver Cable with carrier pass through (Type 2)	\$19.60	EA
CIR-EMT		IR Emitter Cable	\$9.10	EA
CIR-KIT-EMT2		IR Emitter Cable and Cover	\$16.80	EA
CMD6-2XMD6		4-to-1 KM cables	\$25.20	EA
CNT-IP-264		Programmable Video over IP Controller (for FHD264 family)	\$693.00	EA
CSC-OM2-*		Fiber-Optic cables	CALL	EA
CSC-OM2-100		100 M Fiber-Optic cables	\$222.60	EA
CSC-OM2-300		300 M Fiber-Optic cables	\$581.00	EA
CSC-OM2-500		500 M Fiber-Optic cables	\$939.40	EA
CSC-OM3-1000		1000 M Fiber-Optic cables	\$2,213.40	EA
CSC-OM3-700		700 M Fiber-Optic cables	\$1,562.40	EA
CSC-OM3-900		900 M Fiber-Optic cables	\$1,996.40	EA
CST-OM2-100		100 M Fiber-Optic cables	\$221.20	EA
CST-OM2-300		300 M Fiber-Optic cables	\$581.00	EA
CST-OM2-500		500 M Fiber-Optic cables	\$939.40	EA
CST-OM3-1000		1000 M Fiber-Optic cables	\$2,213.40	EA
CST-OM3-700		700 M Fiber-Optic cables	\$1,562.40	EA
CST-OM3-900		900 M Fiber-Optic cables	\$1,996.40	EA
CUSB2-06		High-Speed USB 2.0 A to B Shielded Cable, 6 Ft	\$13.30	EA
CUSB2-15		High-Speed USB 2.0 A to B Shielded Cable, 15 Ft	\$16.80	EA
CUSB3V1-AP15		15 Meter USB 3.0/3.1 Gen 1 Javelin Active Optical Plenum Cable	\$434.00	EA
CUSB3V1-AP30		30 Meter USB 3.0/3.1 Gen 1 Javelin Active Optical Plenum Cable	\$539.00	EA
CUSB3V1-AP50		50 Meter USB 3.0/3.1 Gen 1 Javelin Active Optical Plenum Cable	\$679.00	EA
CUTV-03-MM		3 FT Ultra-thin VGA cable	\$28.00	EA
CUTV-06-MM		6 FT Ultra-thin VGA cable	\$30.80	EA
CUTV-10-MM		10 FT Ultra-thin VGA cable	\$43.40	EA
CUTV-15-MM		15 FT Ultra-thin VGA cable	\$54.60	EA
CUTV-25-MM		25 FT Ultra-thin VGA cable	\$65.80	EA
CVGA-X-03-MM		3 FT Male-to-Male VGA cables	\$16.80	EA
CVGA-X-06-MM		6 FT Male-to-Male VGA cables	\$29.40	EA
CVGA-X-10-MM		10 FT Male-to-Male VGA cables	\$36.40	EA





## KRAMER SHEET

Tips 230105



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KRAMER Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
30-011890	FC-18	4K HDR Display ON/OFF Controller	\$486.50	EA
50-00010290	TP-594RXR	4K60 4:4:4 Eth/RS232/IR & Audio Extended-reach HDBT PoE Tx	\$839.30	EA
50-00010190	TP-594TXR	4K60 4:4:4 Eth/RS232/IR & Audio Extended-reach HDBT PoE Tx	\$839.30	EA
72-045190	VP-451	18G 4K HDMI + USB-C Switcher / Scaler with 60W USB Charging	\$906.50	EA
20-00011630	VS-48H2	4x8 4K HDMI2.0 matrix switcher	\$2,870.00	EA
91-00015599	K-SPIDER	Multi Format Adaptor	\$322.00	EA
97-0132005	C-HM/HM/PICO/BK-5	Slim High Speed HDMI Cable with Ethernet-5ft	\$156.10	EA
13-80451230	AFM-20DSP-LE	20-Port Audio Matrix with DSP and Interchangeable Inputs & Outputs – Lite Edition	\$1,746.50	EA
20-80445130	VS-44H2	4x4 4K HDMI2.0 matrix switcher	\$1,956.50	EA
20-80549090	VS-211X	4K60 4:4:4 2x1 HDMI Switcher	\$465.50	EA
61-10000299	WP-789R/US-PANEL- SET-D(B)	WP-789R US-size Black Panel Set	\$46.20	EA
20-00011530	VS-66H2	6x6 4K HDMI2.0 matrix switcher	\$2,870.00	EA
20-00011730	VS-84H2	8x4 4K HDR HDCP 2.2 Matrix Switcher with Digital Audio Routing	\$2,870.00	EA
99-9191201	AD-BM/2BFT	ADAPTER BNC-M TO 2x BNC-F 'T'	\$9.10	EA
94-0002602	602R/T(SET)/US	2 fiber Detachable DVI Optical Tx &Rx set	\$784.00	EA
50-167590	675R	4K60 4:4:4 HDMI Ultra-Reach MM/SM fiber Rx	\$647.50	EA
50-067590	675T	4K60 4:4:4 HDMI Ultra-Reach MM/SM fiber Tx	\$647.50	EA
99-95200003	ADC-MDP/DF	Cable Mini DisplayPort to DVI (Female) (10cm)	\$25.90	EA
99-92200003	ADC-MDP/GF	Cable Mini DisplayPort to VGA (Female) (10cm)	\$42.00	EA
99-97200003	ADC-MDP/HF	Cable Mini DisplayPort to HDMI (Female) (10cm)	\$27.30	EA
99-97200004	ADC-MDP/HF2	Cable Mini DisplayPort to HDMI (Female) (10cm)	\$25.90	EA
99-9204506	CB-BLACK	RJ-45 Strain Relief Boot - Black Colored	\$7.70	EA
99-3440015	C-DGK6/DGK6-15	Four-Pair STP Terminated Data Cable - 23AWG,Length-15"	\$25.20	EA
99-3440025	C-DGK6/DGK6-25	Four-Pair F/UTP Terminated Data Cable - 23AWG,Length-25"	\$35.00	EA
99-3440075	C-DGK6/DGK6-75	Four-Pair F/UTP Terminated Data Cable - 23AWG,Length-75"	\$52.50	EA
97-01115010	C-HM/HM/A-C-10	Cable HDMI (Male) to HDMI C-type (Male) 10'	\$37.80	EA
97-01116010	C-HM/HM/A-D-10	Cable HDMI (Male) to HDMI D-type (Male) 10'	\$37.80	EA
97-01213010	C-HM/HM/ETH-10	HDMI Cable with Ethernet	\$38.50	EA
97-01213012	C-HM/HM/ETH-12	HDMI Cable with Ethernet	\$41.30	EA
97-01213015	C-HM/HM/ETH-15	HDMI Cable with Ethernet	\$42.00	EA
97-01213025	C-HM/HM/ETH-25	HDMI Cable with Ethernet	\$56.00	EA
97-01213003	C-HM/HM/ETH-3	HDMI Cable with Ethernet	\$33.60	EA
97-01213035	C-HM/HM/ETH-35	HDMI Cable with Ethernet	\$66.50	EA



KRAMER Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
97-01213050	C-HM/HM/ETH-50	HDMI Cable with Ethernet	\$84.00	EA
97-01213006	C-HM/HM/ETH-6	HDMI Cable with Ethernet	\$36.40	EA
97-1615003	C-MDP/DPM-3	Cable Mini DisplayPort to DisplayPort, 3ft	\$30.80	EA
97-1615006	C-MDP/DPM-6	Cable Mini DisplayPort to DisplayPort ,6ft	\$33.60	EA
97-16010110	C-MDP/HM(B)-10	Cable Mini DisplayPort to HDMI (M), Black 10'	\$48.30	EA
97-16010115	C-MDP/HM(B)-15	Cable Mini DisplayPort to HDMI (M), Black 3'	\$53.20	EA
97-16011025	C-MDP/HM(B)-25	Cable Mini DisplayPort to HDMI (Male)	\$59.50	EA
97-16010103	C-MDP/HM(B)-3	Cable Mini DisplayPort to HDMI (M), Black 3'	\$35.00	EA
97-16010106	C-MDP/HM(B)-6	Cable Mini DisplayPort to HDMI (M), Black 6'	\$36.40	EA
97-16010010	C-MDP/HM-10	Cable Mini DisplayPort to HDMI (Male)	\$48.30	EA
97-16010015	C-MDP/HM-15	Cable Mini DisplayPort to HDMI (Male)	\$53.20	EA
97-16010025	C-MDP/HM-25	Cable Mini DisplayPort to HDMI (Male)	\$58.10	EA
97-16010003	C-MDP/HM-3	Cable Mini DisplayPort to HDMI (Male) 3'	\$35.00	EA
97-16010006	C-MDP/HM-6	Cable Mini DisplayPort to HDMI (Male) 6'	\$36.40	EA
92-7301025	C-MGMA/MGMA-25	Molded 15-pin HD(Male-Male) Flexible Cable with Audio (25')	\$61.60	EA
92-7301003	C-MGMA/MGMA-3	Molded 15-pin HD(Male-Male) Flexible Cable with Audio (3')	\$39.90	EA
92-7301035	C-MGMA/MGMA-35	Molded 15-pin HD(Male-Male) Flexible Cable with Audio (35')	\$73.50	EA
97-0151001	C-MHM/MHM(W)-1	Flexible High Speed HDMI Cable with Ethernet-1'	\$29.40	EA
97-0151010	C-MHM/MHM(W)-10	NEXIA 8 wide-band Sona™ AEC inputs, 2 mic/line inputs, 4 mic/line outputs, & codec interface. DSP for videoconferencing applications	\$98.00	EA
97-0151015	C-MHM/MHM(W)-15	autoTWO 8-in/2-out single rack-space automatic mixer	\$91.00	EA
97-0151002	C-MHM/MHM(W)-2	3-channel mic/line mixer w/remote master level	\$98.00	EA
97-0151025	C-MHM/MHM(W)-25	6-channel mic/line mixer w/remote master level	\$98.00	EA
97-0151003	C-MHM/MHM(W)-3	8 mic/line & 1 aux in mixer w/remote master level	\$98.00	EA
97-0151035	C-MHM/MHM(W)-35	Flexible High Speed HDMI Cable with Ethernet-10'	\$49.00	EA
97-0151006	C-MHM/MHM(W)-6	Flexible High Speed HDMI Cable with Ethernet-15'	\$56.00	EA
97-0152035	C-MHM/MHM/RA-35	Flexible High Speed HDMI Cable with Ethernet-2'	\$35.00	EA
97-0131012	C-MHM/MHM-12	Flexible High Speed HDMI Cable with Ethernet-25'	\$66.50	EA
97-0131003	C-MHM/MHM-3	Flexible High Speed HDMI Cable with Ethernet-3'	\$38.50	EA
97-0131035	C-MHM/MHM-35	Flexible High Speed HDMI Cable with Ethernet-35'	\$80.50	EA
97-0141010	C-MHMA/MHMA-10	Flexible High Speed HDMI Cable with Ethernet-6'	\$42.00	EA



KRAMER Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
97-0141015	C-MHMA/MHMA-15	High Speed with Ethernet Micro HDMI cable 35'	\$56.00	EA
97-0141025	C-MHMA/MHMA-25	Flexible High Speed HDMI Cable with Ethernet-12'	\$52.50	EA
97-0141003	C-MHMA/MHMA-3	Flexible High Speed HDMI Cable with Ethernet-3'	\$38.50	EA
97-0141006	C-MHMA/MHMA-6	Flexible High Speed HDMI Cable with Ethernet-35'	\$80.50	EA
95-9101035	CP-A35M/A35M-35	Cable "HDMI to HDMI" w/ Ethernet + Audio 3.5mm 10'	\$45.50	EA
95-9101050	CP-A35M/A35M-50	Cable "HDMI to HDMI" w/ Ethernet + Audio 3.5mm 15'	\$51.10	EA
95-9101075	CP-A35M/A35M-75	Cable "HDMI to HDMI" w/ Ethernet + Audio 3.5mm 25'	\$59.50	EA
97-91213015	CP-HM/HM/ETH-15	Cable "HDMI to HDMI" w/ Ethernet + Audio 3.5mm 3'	\$34.30	EA
97-91213025	CP-HM/HM/ETH-25	Cable "HDMI to HDMI" w/ Ethernet + Audio 3.5mm 6'	\$39.20	EA
97-91213035	CP-HM/HM/ETH-35	3.5m (M) to 3.5mm (M) Stereo Audio Plenum Cable-35'	\$39.20	EA
97-91213040	CP-HM/HM/ETH-40	3.5m (M) to 3.5mm (M) Stereo Audio Plenum Cable - 50'	\$42.70	EA
97-91213045	CP-HM/HM/ETH-45	3.5m (M) to 3.5mm (M) Stereo Audio Plenum Cable - 75'	\$53.20	EA
97-91213050	CP-HM/HM/ETH-50	Standard HDMI Plenum Cable with Ethernet	\$77.00	EA
95-1211003	C-XLQM/XLQF-3	Standard HDMI Plenum Cable with Ethernet	\$112.00	EA
95-1211035	C-XLQM/XLQF-35	Standard HDMI Plenum Cable with Ethernet	\$133.00	EA
60-000072	DOLEV-5/BLACK	Standard HDMI Plenum Cable with Ethernet	\$150.50	EA
60-000124	DOLEV-5/WHITE	Standard HDMI Plenum Cable with Ethernet-45'	\$164.50	EA
60-000073	DOLEV-6	Standard HDMI Plenum Cable with Ethernet	\$175.00	EA
60-000074	DOLEV-8	XLR Quad Style (Male- Female) Cable (3')	\$31.50	EA
41-90043490	FC-69	XLR Quad Style (Male- Female) Cable (35')	\$46.90	EA
60-000083	GALIL-4-CO(PAIR)	Speakers Professional 2-way 5" active	\$213.50	EA
60-00003699	GALIL-5-O(PAIR)	Speakers Professional 2-way 5" active	\$213.50	EA
60-000048	GALIL-6-AW(PAIR)/BLACK	Speakers Professional 2-way 6.5" active	\$259.00	EA
60-000047	GALIL-6-AW(PAIR)/WHITE	Speakers Professional 2-way 8" active	\$301.00	EA
82-500678	GALIL-6-C(PAIR)	HDMI Audio Embedder / De-embedder	\$455.00	EA
60-000033	GALIL-6-CO(PAIR)	4" Opened-Back 2-Way Ceiling Speakers	\$129.50	EA
60-000045	GALIL-6-O(PAIR)/BLACK	5.25" On-Wall 2-Way Speakers	\$227.50	EA
60-00003799	GALIL-6-O(PAIR)/WHITE	6.5" All-purpose on-wall mounting speakers	\$276.50	EA
60-000056	GALIL-8-CO(PAIR)	6.5" All-purpose on-wall mounting speakers	\$276.50	EA
60-80207090	KADS-2	6.5" Closed-Back 2-Way Ceiling Speakers	\$262.50	EA
60-00002590	KDS-EN2T	6.5" Opened-Back 2-Way Ceiling Speakers	\$185.50	EA
60-100099	K-POD301	6.5" On-Wall 2-Way Speakers	\$290.50	EA
85-0420005	KRT-3-A	6.5" On-Wall 2-Way Speakers	\$290.50	EA
85-0420001	KRT-3-DP	8" Opened-Back 2-Way Ceiling Speakers	\$255.50	EA



KRAMER Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
85-0420000	KRT-3-H	Kramer Audio Distribution System – On-Wall 5" Speaker	\$745.50	EA
85-0420004	KRT-3-LAN	VIDEO ENCODER JPEG 2000	\$745.50	EA
85-0420002	KRT-3-USB	Podium Table Bus	\$171.50	EA
85-0420003	KRT-3-VGA	Cable Retractor, Audio 3.5mm-8ft	\$255.50	EA
80-00027799	KRT-4-A	Cable Retractor, DisplayPort-8ft	\$255.50	EA
80-00027399	KRT-4-DP	Cable Retractor, HDMI-8ft	\$255.50	EA
80-00027299	KRT-4-H	Cable Retractor, LAN-8ft	\$255.50	EA
80-00027699	KRT-4-LAN	Cable Retractor,USB-8ft	\$255.50	EA
80-00027599	KRT-4-VGA	Cable Retractor,VGA-8ft	\$255.50	EA
30-00000190	KT-1010	Cable Retractor, Audio 3.5mm-8ft	\$315.00	EA
30-00011090	KT-1010SC	Cable Retractor, DisplayPort-8ft	\$315.00	EA
30-00014090	KT-1010SC-5Y-SUB	Cable Retractor, HDMI-8ft	\$315.00	EA
30-001790	KT-107	Cable Retractor, LAN-8ft	\$315.00	EA
30-001890	KT-107S	Cable Retractor,VGA-8ft	\$315.00	EA
30-002790	KT-107SC	10" tabletop/in Control wall Black Touch Panel	\$1,400.00	EA
30-003790	KT-107SC-5Y-SUB	k Touch Panel, on-wall mount, RBG side LEDs, 1 Year licensed	\$1,225.00	EA
50-003290	PT-3H2	, on-wall mount, RGB side LEDs, 5 Years license subscription	\$1,435.00	EA
60-100010	RK-UT1	7" S1 tabletop/in-wall Black Touch Panel	\$1,186.50	EA
68-00088010	RTBUS-11/US(B)	Secured 7" S1 tabletop/in-wall Black Touch Panel	\$1,396.50	EA
68-10088010	RTBUS-11/US(BC)	KronoMeet Black Touch Panel, on-wall mount, 1 Year licensed	\$1,050.00	EA
80-000247	RTBUS-24(B)	ck Touch Panel, on-wall mount, 5 Years license subscription	\$1,260.00	EA
80-00024711	RTBUS-24(BC)	4K HDMI repeater	\$231.00	EA
80-00026899	RTBUS-25XL(B)	Under the Table Rack Mount for Selected Desktop & MultiTOOLS®	\$213.50	EA
68-000020	SID-X1NBP	RTBUS-11 includes:1VGA,1HDMI,1Ethernet,1Audio,US pwr socket.	\$325.50	EA
60-160208480	SPK-C812	RTBUS-11 includes:1VGA,1HDMI,1Ethernet,1Audio,US pwr socket.	\$329.00	EA
60-130208480	SPK-C814	Round Table Connection Bus	\$402.50	EA
60-230108480	SPK-C819	Round Table Connection Bus	\$402.50	EA
68-00000999	SWM-1(B)	RTBUS-25XL includes:1VGA,1HDMI,1Ethernet,1 Audio, 1 USB	\$413.00	EA
68-00000699	SWM-1(W)	FRONT PANEL SID-X1N- Black	\$147.70	EA
80-000028	T10F-22M	Complete K-coverage ESD® Ceiling Speakers Full tile Stereo	\$241.50	EA
80-000040	T10F-33	Complete K-coverage ESD® Ceiling Speakers Half tile Stereo	\$227.50	EA
80-005299	T1AF-14T	Complete K-coverage ESD® Ceiling Speakers Half tile Mono	\$157.50	EA
80-000299	T1AF-16	Mounting Device for cabinet speakers- Black	\$63.00	EA
80-005199	T1AF-1T3	Mounting Device for cabinet speakers- White	\$63.00	EA



KRAMER Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
80-000399	T1AF-26	TBUS-10 Inner Frame for 2 power sockets and MEGA TOOL	\$84.70	EA
80-000499	T1AF-44	TBUS-10 Inner Frame for 3 power sockets and 3 Insert	\$84.70	EA
80-000258	T-1GD	TBUS-1A IF for 1 TOOL,1 POWER SOCKET & 2 CABLE PASS 2 BLANK.	\$84.70	EA
80-00006699	T-2INSERT	. Includes: 2X cable pass through inserts, 4X blank inserts.	\$84.70	EA
80-003099	T3F-13	TBUS-1A INNER FRAME FOR 1-3 TOOLS,1 POWER SOCKET.	\$84.70	EA
80-003199	T3F-1C	. Includes: 2X cable pass through inserts, 4X blank inserts.	\$84.70	EA
80-002999	T3F-1S	. Includes: 2X cable pass through inserts, 2X blank inserts.	\$84.70	EA
80-003699	T4F-23	Bracket for 1Gang Decora	\$67.90	EA
80-003599	T4F-2S	nd connectors that Includes: 2X RJ45, 2XUSB,2X AUDIO, 2X VGA	\$63.00	EA
60-100199	T-4INSERT	TBUS Bracket to fit 4 Inserts in a single TS Opening	\$80.50	EA
80-004099	T5F-13	TBUS-5xl Inner Frame	\$80.50	EA
80-000065	T6F-09	TBUS-6 Inner Frame for 9 X Blank Inserts	\$84.70	EA
80-004499	T6F-23	Inner Frame for 2 power sockets Includes: 3 X Blank Inserts	\$84.70	EA
80-004399	T6F-2S	nd connectors that Includes: 2X RJ45, 2XUSB,2X AUDIO, 2X VGA	\$84.70	EA
60-00008910	TAVOR-5-O(PAIR)/BLACK/US	5.25" On-Wall 2-Way Powered Speakers	\$70.00	EA
60-00009010	TAVOR-5-O(PAIR)/WHITE/US	5.25" On-Wall 2-Way Powered Speakers	\$80.50	EA
91-000637	TBUS-10-C6	Table Mount Modular Multi Connection Solution	\$80.50	EA
91-000037	TBUS-10XL(B)	Table Mount Modular Multi Connection Solution	\$84.70	EA
91-000038	TBUS-10XL(BA)	Table Mount Modular Multi-Connection Solution	\$84.70	EA
91-000132	TBUS-10XL(BC)	Table Mount Modular Multi-Connection Solution	\$241.50	EA
80-0000991	TBUS-1A-C1	TBUS-1A fixed configuration-1	\$241.50	EA
80-000099	TBUS-1AXL(B)	TBUS-1AXL Enclosure-Black Anodized Sand Blasted Aluminum top	\$619.50	EA





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Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
COMMSCOPE	HISD-478431	CAT 6 GREEN HISD LABEL	1	FT	\$ 0.44	\$ 0.44
PANDUIT	HISD-6AP4P24	CAT 6A GREEN HISD LABEL	1	FT	\$ 0.91	\$ 0.91
PANDUIT	KJ688TPGR	1 PORT MOD JACK IDC 8W8P - KEYSTONE	1	EA	\$ 7.04	\$ 7.04
PANDUIT	CJ688TPVL	1 PORT MOD JACK IDC 8W8P CAT6UTP - VIOLET	1	EA	\$ 7.17	\$ 7.17
PANDUIT	CJ6X88TGYL	1 PORT MOD JACK IDC 8W8P CAT6A UTP - YELLOW	1	EA	\$ 17.84	\$ 17.84
PANDUIT	CJ688TPGR	1 PORT MOD JACK IDC 8W8P CAT6 UTP - GREEN	1	EA	\$ 7.84	\$ 7.84
PANDUIT	UTP28X6YL	6' CAT6A PATCH CORD/YELLOW	1	EA	\$ 16.72	\$ 16.72
PANDUIT	UTP28X12YL	12' CAT6A PATCH CORD/YELLOW	1	EA	\$ 21.12	\$ 21.12
PANDUIT	UTPSP6GR	6' CAT6 PATCH CORD/GREEN	1	EA	\$ 12.08	\$ 12.08
PANDUIT	UTPSP12GR	12' CAT6 PATCH CORD/GREEN	1	EA	\$ 15.12	\$ 15.12
PANDUIT	LD5WH8-A	RACEWAY NONMETALLIC SINGLE/8FT	1	EA	\$ 16.86	\$ 16.86
PANDUIT	CFX5WH	LD5 COUPLER	1	10PK	\$ 17.74	\$ 17.74
PANDUIT	RAFC5WH	LD5 RIGHT ANGLE	1	10PK	\$ 19.68	\$ 19.68
PANDUIT	ICF5WH	LD5 INSIDE CORNER	1	10PK	\$ 27.20	\$ 27.20
PANDUIT	OCFX5WH	LD5 OUTSIDE CORNER	1	10PK	\$ 34.00	\$ 34.00
PANDUIT	LD10WH8-A	RACEWAY NONMETALLIC SINGLE/8FT	1	EA	\$ 29.76	\$ 29.76
PANDUIT	CFX10WH	LD10 COUPLER	1	10PK	\$ 16.00	\$ 16.00
PANDUIT	RAFC10WH	LD10 RIGHT ANGLE	1	10PK	\$ 21.07	\$ 21.07
PANDUIT	ICF10WH	LD10 INSIDE CORNER	1	10PK	\$ 14.64	\$ 14.64
PANDUIT	ICF10WH	LD10 OUTSIDE CORNER	1	10PK	\$ 19.44	\$ 19.44
PANDUIT	CBXQ2WH-A	SURFACE MOUNT BOX 2 POSITION	1	EA	\$ 5.44	\$ 5.44
PANDUIT	CBEWH	FACEPLATE	1	EA	\$ 5.44	\$ 5.44
PANDUIT	JB1WH-A	SURFACE MOUNT OUTLET BOX	1	EA	\$ 6.48	\$ 6.48
PANDUIT	CHB2MWH-X	2 PORT BLANK INSERT 1/3	1	10PK	\$ 13.28	\$ 13.28
PANDUIT	CHF2MWH-X	2 PORT MODULE INSERT 1/3	1	10PK	\$ 8.96	\$ 8.96
PANDUIT	CMBWH-X	1-PORT BLANK INSERT	1	10PK	\$ 3.36	\$ 3.36
CADDY	MPLS	1 GANG SINGLE BRACKET	1	EA	\$ 3.36	\$ 3.36
STEEL CITY	853429	3/4" EMT CONDUIT	1	EA	\$ 7.04	\$ 7.04
STEEL CITY	MISC	3/4" CONDUIT HARDWARE	1	EA	\$ 120.40	\$ 120.40
PANDUIT	CMBEI-X	1-PORT BLANK INSERT	1	10PK	\$ 2.96	\$ 2.96
PANDUIT	CPP48WBL	48-PORT BLANK PANEL W/SNAP-IN	1	EA	\$ 50.16	\$ 50.16
PANDUIT	WMPSE	CABLE MGMT PANEL HORIZONTAL	1	EA	\$ 67.20	\$ 67.20
PANDUIT	NCMH2	2U HORIZONTAL WIRE MANAGER	1	EA	\$ 91.20	\$ 91.20
PANDUIT	WMPVHC45E	CABLE MGMT PANEL VERTICAL	1	EA	\$ 534.40	\$ 534.40
PANDUIT	CHF2MEI-X	2 PORT MODULE INSERT 1/3	1	10PK	\$ 8.78	\$ 8.78
PANDUIT	CMBEI-X	1-PORT BLANK INSERT	1	10PK	\$ 2.96	\$ 2.96
STEEL CITY	MISC	3/4" CONDUIT HARDWARE	1	EA	\$ 120.80	\$ 120.80
SOUTHWIRE	581100	1/2" SEAL TIGHT CONDUIT	1	FT	\$ 1.20	\$ 1.20



Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
SOUTHWIRE	58133602	1/2" SEAL TIGHT CONDUIT CONNECTORS	1	EA	\$ 10.40	\$ 10.40
PANDUIT	CMDJALCZBL	MULTIMODE LC MINI COM MOD	1	EA	\$ 33.60	\$ 33.60
PANDUIT	CMDAQSCEI	MULTIMODE SC MINI COM MOD	1	EA	\$ 14.48	\$ 14.48
HUBBELL PWR	PR HBLPP12AI	12' POWER POLE	1	EA	\$ 340.80	\$ 340.80
CPI	T103123-7332	FLOOR CABINET	1	EA	\$ 1,952.00	\$ 1,952.00
CPI	55053-503	RACK RELAY 84"H x 19"W	1	EA	\$ 296.00	\$ 296.00
CPI	11308-001	CABLE RUNWAY J-BOLT KIT	1	EA	\$ 4.77	\$ 4.77
CPI	10642-001	CABLE RUNWAY END CAPS	1	EA	\$ 8.27	\$ 8.27
CPI	10250-712	CABLE RUNWAY LADDER RACK	1	FT	\$ 20.16	\$ 20.16
CPI	11421-712	CABLE RUNWAY SUPPORT KIT	1	EA	\$ 39.97	\$ 39.97
CPI	10595-712	CABLE RUNWAY MOUNTING PLATE	1	EA	\$ 42.22	\$ 42.22
CPI	11301-001	BUTT SPLICE KIT	1	EA	\$ 10.32	\$ 10.32
CPI	11302-001	JUNCTION SPLICE KIT	1	EA	\$ 11.12	\$ 11.12
CPI	11746-712	TRIANGLE SUPPORT BRACKET - 12" BLACK	1	EA	\$ 54.72	\$ 54.72
CPI	10487-001	BUTT SWIVEL SPLICE	1	EA	\$ 36.40	\$ 36.40
CPI	10487-002	JUNCTION SWIVEL SPLICE	1	EA	\$ 36.80	\$ 36.80
CPI	10506-706	ELEVATION KIT	1	EA	\$ 66.08	\$ 66.08
CPI	12100-712	CABLE RUNWAY DROP 12" CROSS MEMBER	1	EA	\$ 64.32	\$ 64.32
CPI	12101-702	CABLE RUNWAY DROP 12" STRINGER	1	EA	\$ 50.50	\$ 50.50
PANDUIT	GB4B0612TPI-1	BUSBAR KIT	1	EA	\$ 156.80	\$ 156.80
CORNING	012T88-33180-A3	12 ST 50UM OM3 ARMORED FIBER	1	FT	\$ 4.00	\$ 4.00
CORNING	012T8P-31180-A3	12 ST FREEDOM ONE I/O 50UM OM3 ARMORED	1	FT	\$ 5.60	\$ 5.60
CORNING	FDC-CABLE-GRND	ARMORED FIBER GROUNDING KIT	1	EA	\$ 24.00	\$ 24.00
CORNING	CCH-CP12-59	6 PORT SC DUP SM LOADED PANEL	1	EA	\$ 88.78	\$ 88.78
CORNING	CCH-CP12-E7	6 PORT SC DUP MM LOADED PANEL	1	EA	\$ 84.80	\$ 84.80
CORNING	95-050-41-X	SC MM UNICAM CONNECTOR 50/125	1	EA	\$ 17.04	\$ 17.04
CORNING	CCH-CP12-A9	6 PORT LC DUP SM LOADED PANEL	1	EA	\$ 55.12	\$ 55.12
CORNING	CCH-CP12-E4	6 PORT LC DUP MM LOADED PANEL	1	EA	\$ 97.76	\$ 97.76
CORNING	95-050-99-X	LC CONNECTOR MM UNICAM	1	EA	\$ 21.70	\$ 21.70
CORNING	CCH-02U	24/96 RACK MT ENCLOSURE	1	EA	\$ 264.56	\$ 264.56
CORNING	CCH-01U	12/48 RACK MT ENCLOSURE	1	EA	\$ 222.40	\$ 222.40
CORNING	CCH-03U	36/144 RACK MT ENCLOSURE	1	EA	\$ 300.40	\$ 300.40
CORNING	CCH-04U	72/288 RACK MT ENCLOSURE	1	EA	\$ 339.20	\$ 339.20
CORNING	F2LCSC50/12510G	SC TO LC 5 MT PATCH CORD 50UM	1	EA	\$ 59.20	\$ 59.20
CORNING	F2SCSC50/12510G	SC TO SC 5 MT PATCH CORD 50UM	1	EA	\$ 51.52	\$ 51.52



Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
COMPU-LINK	LCCLCC50D3	LC TO LC 3 MT PATCH CORD 50UM	1	EA	\$ 43.20	\$ 43.20
PANDUIT	T50F-C	SPIRAL WRAP 1/2" OD BUNDLE	1	FT	\$ 3.20	\$ 3.20
PANDUIT	PCPA13R20EI	13' POWER POLE	1	EA	\$ 217.04	\$ 217.04
PANDUIT	PCPA11R20EI	11' POWER POLE	1	EA	\$ 195.55	\$ 195.55
PANDUIT	T70SDB-X	PAN POLE FACEPLATE BRACKET	1	10PK	\$ 32.40	\$ 32.40
ADC	CMP-10024SPP-3	100 PAIR CAT 3 VOICE CABLE - WHITE	1	FT	\$ 4.86	\$ 4.86
ADC	CMP-05024SPP-3	50 PAIR CAT 3 VOICE CABLE - WHITE	1	FT	\$ 2.53	\$ 2.53
ADC	CMP-02524SPP-3	25 PAIR CAT 3 VOICE CABLE - WHITE	1	FT	\$ 1.18	\$ 1.18
GENERAL	E-005024DFC	24-50 PAIR EXCHANGE CABLE PE89 OSP	1	FT	\$ 1.79	\$ 1.79
SIEMON	S66M4-4W	100 PAIR 66 BLOCK W/ AMPHENOL CONNECTOR	1	EA	\$ 143.60	\$ 143.60
SIEMON	S66M1-100	100 PAIR 66 BLOCK TERMINATED	1	EA	\$ 35.82	\$ 35.82
SIEMON	S6M2-5W	50 PAIR 66 BLOCK WITH AMPHENOL CONN.	1	EA	\$ 50.64	\$ 50.64
SIEMON	S66M1-50	50 PAIR BLOCK IDC 66	1	EA	\$ 10.00	\$ 10.00
SIEMON	S66M2-3W	25 PAIR 66 BLOCK WITH AMPHENOL CONN.	1	EA	\$ 47.84	\$ 47.84
SIEMON	S66M1-25	25 PAIR 66 BLOCK TERMINATED	1	EA	\$ 16.62	\$ 16.62
SIEMON	S89D	STAND-OFF BRACKET FOR S661 SERIES 66 BLOCK	1	EA	\$ 2.08	\$ 2.08
GENERIC	894090	BACKBOARD HALF FIELD ASSEMBLY (BLUE)	1	EA	\$ 19.20	\$ 19.20
GENERIC	894102	BACKBOARD FULL FIELD ASSEMBLY (BLUE)	1	EA	\$ 29.74	\$ 29.74
GENERIC	894106	BACKBOARD FULL FIELD ASSEMBLY MUSHROOM	1	EA	\$ 19.82	\$ 19.82
CIRCA	1890ECT1/NSC-100	100PR LIGHTNING PROTECTOR BLOCK LD	1	EA	\$ 546.40	\$ 546.40
CIRCA	1890ECT1/NSC-50	50PR LIGHTNING PROTECTOR BLOCK LD	1	EA	\$ 362.40	\$ 362.40
CIRCA	1890ECT1/NSC-25	25PR LIGHTNING PROTECTOR BLOCK LD	1	EA	\$ 341.20	\$ 341.20
CIRCA	3BIE	FUSES FOR LIGHTNING PROTECTOR BLOCK	1	EA	\$ 3.36	\$ 3.36
ORTRONICS	808004041-ORT	48-PORT TELCO P/P W FEMALE AMPHENOL 50P	1	EA	\$ 244.80	\$ 244.80
ORTRONICS	808004389	24-PORT TELCO P/P W/ FEMALE AMPHENOL 50P	1	EA	\$ 126.72	\$ 126.72
GENERIC	CBL ASY-T25PP15-3	TELCO CABLE 15'	1	EA	\$ 35.20	\$ 35.20
GENERIC	143762	TELCO CABLE 25'	1	EA	\$ 49.60	\$ 49.60
QUICKTRON	2212-40750-015	15' VIDEO RUNNER	1	EA	\$ 145.20	\$ 145.20
QUICKTRON	2212-50730-035	35' VIDEO RUNNER	1	EA	\$ 145.20	\$ 145.20
QUICKTRON	2212-40752-050	50' VIDEO RUNNER	1	EA	\$ 192.62	\$ 192.62
QUICKTRON	2212-40753-075	75' VIDEO RUNNER	1	EA	\$ 261.95	\$ 261.95
QUICKTRON	2212-42320-001	WALLPLATE WITH VGA, 3.5, 3 RCAS	1	EA	\$ 41.57	\$ 41.57
QUICKTRON	2212-42323-001	FLYING LEAD WITH VGA, 3.5, 3 RCAS	1	EA	\$ 26.74	\$ 26.74
QUICKTRON	2212-29342-001	USB EXTENSION KIT	1	EA	\$ 128.80	\$ 128.80
LEVITON	80401-EI	DECORA WALLPLATE - WHITE	1	EA	\$ 1.36	\$ 1.36
LEVITON	N751-00EI	SPLIT FACEPLATE - IVORY	1	EA	\$ 4.08	\$ 4.08
CADDY	MPLS	SINGLE GANG MPLS	1	EA	\$ 2.16	\$ 2.16
PANDUIT	UTPSP25RDY	25' PATCH CORD - RED	1	EA	\$ 17.04	\$ 17.04



Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
PANDUIT	UTPSP25Y	25' PATCH CORD - WHITE	1	EA	\$ 17.04	\$ 17.04
BELDEN	7987P	LOW-SKEW CABLE - PLENUM	1	FT	\$ 0.46	\$ 0.46
PANDUIT	CBEEI-2G	DOUBLE GANG FACEPLATE	1	EA	\$ 4.37	\$ 4.37
PANDUIT	JBP2EI	DOUBLE GANG EXTENSION PLATE	1	EA	\$ 13.12	\$ 13.12
PANDUIT	CHD15HDSCEI	SCREW DOWN VGA INSERT	1	EA	\$ 27.76	\$ 27.76
PANDUIT	CJSVEI	110 S-VIDEO INSERT	1	EA	\$ 9.36	\$ 9.36
PANDUIT	CJRYEI	110 RCA YELLOW INSERT	1	EA	\$ 5.60	\$ 5.60
PANDUIT	CJRWEI	110 RCA WHITE INSERT	1	EA	\$ 5.60	\$ 5.60
PANDUIT	CJRREI	110 RCA RED INSERT	1	EA	\$ 5.60	\$ 5.60
BELDEN	1153A	RG11 BACKBONE PLENUM	1	FT	\$ 4.37	\$ 4.37
BELDEN	6339Q8	RG 6 QUAD SHIELD PLENUM	1	FT	\$ 0.88	\$ 0.88
ICM	FS11V	RG11 COMPRESSION CONNECTOR	1	EA	\$ 3.12	\$ 3.12
ICM	FS6PL2	RG6 COMPRESSION CONNECTOR	1	EA	\$ 0.64	\$ 0.64
BLONDER TONGUE	5800P-83	COAX AMPLIFIER	1	EA	\$ 1,048.00	\$ 1,048.00
BLONDER TONGUE	1948-XX	COAX TAP	1	EA	\$ 19.20	\$ 19.20
PANDUIT	CMFSREI	COAX INSERT - SELF TERM	1	EA	\$ 18.96	\$ 18.96
GENERIC	FIRE RATED	PLYWOOD 3/4" HALF SHEET 4 X 4	1	EA	\$ 336.00	\$ 336.00
PANDUIT	PLT3S-M	CABLE TIES 11.4"	1	EA	\$ 0.80	\$ 0.80
PANDUIT	PLT3S-CO	CABLE TIES 11.4" ULTRAVIOLET	1	EA	\$ 0.41	\$ 0.41
PANDUIT	JP2W-L20	J-HOOK WITH WIRE AND SHOT	1	EA	\$ 4.80	\$ 4.80
VELCRO USA	MISC	75' VELCRO ROLL - PLENUM	1	EA	\$ 48.00	\$ 48.00
HILTI	CP618	FIRESEAL PUTTY	1	EA	\$ 56.00	\$ 56.00
MCA	EMT200	2" SLEEVE W/BUSHING	1	EA	\$ 35.20	\$ 35.20
MCA	EMT400	4" SLEEVE W/BUSHING	1	EA	\$ 72.00	\$ 72.00
MCA	3/4" & 1/4"	LABELS	1	EA	\$ 0.72	\$ 0.72
GENERIC	PLASTIC ANCH #10-12	#10-12 PLASTIC ANCHOR KIT 100 EA	1	EA	\$ 16.00	\$ 16.00
GENERIC	#10 x 1 1/4	SELF TAPPING SCREW WITH RUBBER WASHER	1	EA	\$ 25.60	\$ 25.60
CARLON	15011-100	2" SEALTITE	1	FT	\$ 2.64	\$ 2.64
CARLON	LT43J	2" SEALTITE CONNECTOR - WP	1	EA	\$ 17.20	\$ 17.20
CONDUIT	2-GALV-COUP	2" SEALTITE COUPLER - WP	1	EA	\$ 4.16	\$ 4.16
THOMAS & BETTS	6H5 B	2" PIPE HANGER	1	EA	\$ 2.14	\$ 2.14
CARLON	15008-100	1" SEALTITE	1	FT	\$ 1.15	\$ 1.15
CARLON	LT43F	1" SEALTITE CONNECTOR - WP	1	EA	\$ 4.43	\$ 4.43
CONDUIT	1-GALV-COUP	1" SEALTITE COUPLER - WP	1	EA	\$ 2.32	\$ 2.32
THOMAS & BETTS	6H2 B	1" PIPE HANGER	1	EA	\$ 1.01	\$ 1.01
GENERIC	MCA	3/8" MASONITE FOR GYM FLOOR	1	EA	\$ 35.20	\$ 35.20
CARLON	E989RRR-UPC	6 X 6 X 6 JUNCTION BOX - WP PVC	1	EA	\$ 17.26	\$ 17.26
BLINE	B22SHGALV10	UNISTRUT 10' 1 3/8" DEEP (C SERIES)	1	EA	\$ 35.78	\$ 35.78



Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
BLINE	B104ZN	"L" BRACKET	1	EA	\$ 6.16	\$ 6.16
NAT'L STRAND	14AEHS-7W	1/4" MESSENGER WIRE	1	EA	\$ 0.45	\$ 0.45
RELIABLE PWR	5100	1/4" STRAND VICE	1	EA	\$ 16.18	\$ 16.18
DEWALT	1MASRY	1" CORE BIT	1	EA	\$ 136.00	\$ 136.00
THOMAS & BETTS	28-09615	3 BOLT CLAMP	1	EA	\$ 10.30	\$ 10.30
GRND WIRE	6GRNUT	GROUND WIRE	1	FT	\$ 1.44	\$ 1.44
PANDUIT	LCC6-14AW-L	#6 COMPRESSION LUG	1	EA	\$ 20.80	\$ 20.80
ERICO	615800	5/8 X 10FT GROUND ROD	1	EA	\$ 26.67	\$ 26.67
THOMAS & BETTS	JJR	GROUND ROD CLAMP	1	EA	\$ 9.04	\$ 9.04



Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
SOUTHWIRE	58133602	1/2" SEAL TIGHT CONDUIT CONNECTORS	1	EA	\$ 10.40	\$ 10.40
PANDUIT	CMDJALCZBL	MULTIMODE LC MINI COM MOD	1	EA	\$ 33.60	\$ 33.60
PANDUIT	CMDAQSCFI	MULTIMODE SC MINI COM MOD	1	EA	\$ 14.48	\$ 14.48
HUBBELL PWR	PR HBLPP12AI	12' POWER POLE	1	EA	\$ 340.80	\$ 340.80
CPI	T103123-7332	FLOOR CABINET	1	EA	\$ 1,952.00	\$ 1,952.00
CPI	55053-503	RACK RELAY 84"H x 19"W	1	EA	\$ 296.00	\$ 296.00
CPI	11308-001	CABLE RUNWAY J-BOLT KIT	1	EA	\$ 4.77	\$ 4.77
CPI	10642-001	CABLE RUNWAY END CAPS	1	EA	\$ 8.27	\$ 8.27
CPI	10250-712	CABLE RUNWAY LADDER RACK	1	FT	\$ 20.16	\$ 20.16
CPI	11421-712	CABLE RUNWAY SUPPORT KIT	1	EA	\$ 39.97	\$ 39.97
CPI	10595-712	CABLE RUNWAY MOUNTING PLATE	1	EA	\$ 42.22	\$ 42.22
CPI	11301-001	BUTT SPLICE KIT	1	EA	\$ 10.32	\$ 10.32
CPI	11302-001	JUNCTION SPLICE KIT	1	EA	\$ 11.12	\$ 11.12
CPI	11746-712	TRIANGLE SUPPORT BRACKET - 12" BLACK	1	EA	\$ 54.72	\$ 54.72
CPI	10487-001	BUTT SWIVEL SPLICE	1	EA	\$ 36.40	\$ 36.40
CPI	10487-002	JUNCTION SWIVEL SPLICE	1	EA	\$ 36.80	\$ 36.80
CPI	10506-706	ELEVATION KIT	1	EA	\$ 66.08	\$ 66.08
CPI	12100-712	CABLE RUNWAY DROP 12" CROSS MEMBER	1	EA	\$ 64.32	\$ 64.32
CPI	12101-702	CABLE RUNWAY DROP 12" STRINGER	1	EA	\$ 50.50	\$ 50.50
PANDUIT	GB4B0612TPI-1	BUSBAR KIT	1	EA	\$ 156.80	\$ 156.80
CORNING	012T88-33180-A3	12 ST 50UM OM3 ARMORED FIBER	1	FT	\$ 4.00	\$ 4.00
CORNING	012T8P-31180-A3	12 ST FREEDOM ONE I/O 50UM OM3 ARMORED	1	FT	\$ 5.60	\$ 5.60
CORNING	FDC-CABLE-GRND	ARMORED FIBER GROUNDING KIT	1	EA	\$ 24.00	\$ 24.00
CORNING	CCH-CP12-59	6 PORT SC DUP SM LOADED PANEL	1	EA	\$ 88.78	\$ 88.78
CORNING	CCH-CP12-E7	6 PORT SC DUP MM LOADED PANEL	1	EA	\$ 84.80	\$ 84.80
CORNING	95-050-41-X	SC MM UNICAM CONNECTOR 50/125	1	EA	\$ 17.04	\$ 17.04
CORNING	CCH-CP12-A9	6 PORT LC DUP SM LOADED PANEL	1	EA	\$ 55.12	\$ 55.12
CORNING	CCH-CP12-E4	6 PORT LC DUP MM LOADED PANEL	1	EA	\$ 97.76	\$ 97.76
CORNING	95-050-99-X	LC CONNECTOR MM UNICAM	1	EA	\$ 21.70	\$ 21.70
CORNING	CCH-02U	24/96 RACK MT ENCLOSURE	1	EA	\$ 264.56	\$ 264.56
CORNING	CCH-01U	12/48 RACK MT ENCLOSURE	1	EA	\$ 222.40	\$ 222.40
CORNING	CCH-03U	36/144 RACK MT ENCLOSURE	1	EA	\$ 300.40	\$ 300.40
CORNING	CCH-04U	72/288 RACK MT ENCLOSURE	1	EA	\$ 339.20	\$ 339.20
CORNING	F2LCSC50/12510G	SC TO LC 5 MT PATCH CORD 50UM	1	EA	\$ 59.20	\$ 59.20
CORNING	F2SCSC50/12510G	SC TO SC 5 MT PATCH CORD 50UM	1	EA	\$ 51.52	\$ 51.52



Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
COMPU-LINK	LCCLCC50D3	LC TO LC 3 MT PATCH CORD 50UM	1	EA	\$ 43.20	\$ 43.20
PANDUIT	T50F-C	SPIRAL WRAP 1/2" OD BUNDLE	1	FT	\$ 3.20	\$ 3.20
PANDUIT	PCPA13R20EI	13' POWER POLE	1	EA	\$ 217.04	\$ 217.04
PANDUIT	PCPA11R20EI	11' POWER POLE	1	EA	\$ 195.55	\$ 195.55
PANDUIT	T70SDB-X	PAN POLE FACEPLATE BRACKET	1	10PK	\$ 32.40	\$ 32.40
ADC	CMP-10024SPP-3	100 PAIR CAT 3 VOICE CABLE - WHITE	1	FT	\$ 4.86	\$ 4.86
ADC	CMP-05024SPP-3	50 PAIR CAT 3 VOICE CABLE - WHITE	1	FT	\$ 2.53	\$ 2.53
ADC	CMP-02524SPP-3	25 PAIR CAT 3 VOICE CABLE - WHITE	1	FT	\$ 1.18	\$ 1.18
GENERAL	E-005024DFC	24-50 PAIR EXCHANGE CABLE PE89 OSP	1	FT	\$ 1.79	\$ 1.79
SIEMON	S66M4-4W	100 PAIR 66 BLOCK W/ AMPHENOL CONNECTOR	1	EA	\$ 143.60	\$ 143.60
SIEMON	S66M1-100	100 PAIR 66 BLOCK TERMINATED	1	EA	\$ 35.82	\$ 35.82
SIEMON	S6M2-5W	50 PAIR 66 BLOCK WITH AMPHENOL CONN.	1	EA	\$ 50.64	\$ 50.64
SIEMON	S66M1-50	50 PAIR BLOCK IDC 66	1	EA	\$ 10.00	\$ 10.00
SIEMON	S66M2-3W	25 PAIR 66 BLOCK WITH AMPHENOL CONN.	1	EA	\$ 47.84	\$ 47.84
SIEMON	S66M1-25	25 PAIR 66 BLOCK TERMINATED	1	EA	\$ 16.62	\$ 16.62
SIEMON	S89D	STAND-OFF BRACKET FOR S661 SERIES 66 BLOCK	1	EA	\$ 2.08	\$ 2.08
GENERIC	894090	BACKBOARD HALF FIELD ASSEMBLY (BLUE)	1	EA	\$ 19.20	\$ 19.20
GENERIC	894102	BACKBOARD FULL FIELD ASSEMBLY (BLUE)	1	EA	\$ 29.74	\$ 29.74
GENERIC	894106	BACKBOARD FULL FIELD ASSEMBLY MUSHROOM	1	EA	\$ 19.82	\$ 19.82
CIRCA	1890ECT1/NSC-100	100PR LIGHTNING PROTECTOR BLOCK LD	1	EA	\$ 546.40	\$ 546.40
CIRCA	1890ECT1/NSC-50	50PR LIGHTNING PROTECTOR BLOCK LD	1	EA	\$ 362.40	\$ 362.40
CIRCA	1890ECT1/NSC-25	25PR LIGHTNING PROTECTOR BLOCK LD	1	EA	\$ 341.20	\$ 341.20
CIRCA	3BIE	FUSES FOR LIGHTNING PROTECTOR BLOCK	1	EA	\$ 3.36	\$ 3.36
ORTRONICS	808004041-ORT	48-PORT TELCO P/P W FEMALE AMPHENOL 50P	1	EA	\$ 244.80	\$ 244.80
ORTRONICS	808004389	24-PORT TELCO P/P W/ FEMALE AMPHENOL 50P	1	EA	\$ 126.72	\$ 126.72
GENERIC	CBL ASY-T25PP15-3	TELCO CABLE 15'	1	EA	\$ 35.20	\$ 35.20
GENERIC	143762	TELCO CABLE 25'	1	EA	\$ 49.60	\$ 49.60
QUICKTRON	2212-40750-015	15' VIDEO RUNNER	1	EA	\$ 145.20	\$ 145.20
QUICKTRON	2212-50730-035	35' VIDEO RUNNER	1	EA	\$ 145.20	\$ 145.20
QUICKTRON	2212-40752-050	50' VIDEO RUNNER	1	EA	\$ 192.62	\$ 192.62
QUICKTRON	2212-40753-075	75' VIDEO RUNNER	1	EA	\$ 261.95	\$ 261.95
QUICKTRON	2212-42320-001	WALLPLATE WITH VGA, 3.5, 3 RCAS	1	EA	\$ 41.57	\$ 41.57
QUICKTRON	2212-42323-001	FLYING LEAD WITH VGA, 3.5, 3 RCAS	1	EA	\$ 26.74	\$ 26.74
QUICKTRON	2212-29342-001	USB EXTENSION KIT	1	EA	\$ 128.80	\$ 128.80
LEVITON	80401-EI	DECORA WALLPLATE - WHITE	1	EA	\$ 1.36	\$ 1.36
LEVITON	N751-00EI	SPLIT FACEPLATE - IVORY	1	EA	\$ 4.08	\$ 4.08
CADDY	MPLS	SINGLE GANG MPLS	1	EA	\$ 2.16	\$ 2.16
PANDUIT	UTPSP25RDY	25' PATCH CORD - RED	1	EA	\$ 17.04	\$ 17.04



Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
PANDUIT	UTPSP25Y	25' PATCH CORD - WHITE	1	EA	\$ 17.04	\$ 17.04
BELDEN	7987P	LOW-SKEW CABLE - PLENUM	1	FT	\$ 0.46	\$ 0.46
PANDUIT	CBEEI-2G	DOUBLE GANG FACEPLATE	1	EA	\$ 4.37	\$ 4.37
PANDUIT	JBP2EI	DOUBLE GANG EXTENSION PLATE	1	EA	\$ 13.12	\$ 13.12
PANDUIT	CHD15HDSCEI	SCREW DOWN VGA INSERT	1	EA	\$ 27.76	\$ 27.76
PANDUIT	CJSVEI	110 S-VIDEO INSERT	1	EA	\$ 9.36	\$ 9.36
PANDUIT	CJRYEI	110 RCA YELLOW INSERT	1	EA	\$ 5.60	\$ 5.60
PANDUIT	CJRWEI	110 RCA WHITE INSERT	1	EA	\$ 5.60	\$ 5.60
PANDUIT	CJRREI	110 RCA RED INSERT	1	EA	\$ 5.60	\$ 5.60
BELDEN	1153A	RG11 BACKBONE PLENUM	1	FT	\$ 4.37	\$ 4.37
BELDEN	6339Q8	RG 6 QUAD SHIELD PLENUM	1	FT	\$ 0.88	\$ 0.88
ICM	FS11V	RG11 COMPRESSION CONNECTOR	1	EA	\$ 3.12	\$ 3.12
ICM	FS6PL2	RG6 COMPRESSION CONNECTOR	1	EA	\$ 0.64	\$ 0.64
BLONDER TONGUE	5800P-83	COAX AMPLIFIER	1	EA	\$ 1,048.00	\$ 1,048.00
BLONDER TONGUE	1948-XX	COAX TAP	1	EA	\$ 19.20	\$ 19.20
PANDUIT	CMFSREI	COAX INSERT - SELF TERM	1	EA	\$ 18.96	\$ 18.96
GENERIC	FIRE RATED	PLYWOOD 3/4" HALF SHEET 4 X 4	1	EA	\$ 336.00	\$ 336.00
PANDUIT	PLT3S-M	CABLE TIES 11.4"	1	EA	\$ 0.80	\$ 0.80
PANDUIT	PLT3S-CO	CABLE TIES 11.4" ULTRAVIOLET	1	EA	\$ 0.41	\$ 0.41
PANDUIT	JP2W-L20	J-HOOK WITH WIRE AND SHOT	1	EA	\$ 4.80	\$ 4.80
VELCRO USA	MISC	75' VELCRO ROLL - PLENUM	1	EA	\$ 48.00	\$ 48.00
HILTI	CP618	FIRESEAL PUTTY	1	EA	\$ 56.00	\$ 56.00
MCA	EMT200	2" SLEEVE W/BUSHING	1	EA	\$ 35.20	\$ 35.20
MCA	EMT400	4" SLEEVE W/BUSHING	1	EA	\$ 72.00	\$ 72.00
MCA	3/4" & 1/4"	LABELS	1	EA	\$ 0.72	\$ 0.72
GENERIC	PLASTIC ANCH #10-12	#10-12 PLASTIC ANCHOR KIT 100 EA	1	EA	\$ 16.00	\$ 16.00
GENERIC	#10 x 1 1/4	SELF TAPPING SCREW WITH RUBBER WASHER	1	EA	\$ 25.60	\$ 25.60
CARLON	15011-100	2" SEALTITE	1	FT	\$ 2.64	\$ 2.64
CARLON	LT43J	2" SEALTITE CONNECTOR - WP	1	EA	\$ 17.20	\$ 17.20
CONDUIT	2-GALV-COUP	2" SEALTITE COUPLER - WP	1	EA	\$ 4.16	\$ 4.16
THOMAS & BETTS	6H5 B	2" PIPE HANGER	1	EA	\$ 2.14	\$ 2.14
CARLON	15008-100	1" SEALTITE	1	FT	\$ 1.15	\$ 1.15
CARLON	LT43F	1" SEALTITE CONNECTOR - WP	1	EA	\$ 4.43	\$ 4.43
CONDUIT	1-GALV-COUP	1" SEALTITE COUPLER - WP	1	EA	\$ 2.32	\$ 2.32
THOMAS & BETTS	6H2 B	1" PIPE HANGER	1	EA	\$ 1.01	\$ 1.01
GENERIC	MCA	3/8" MASONITE FOR GYM FLOOR	1	EA	\$ 35.20	\$ 35.20
CARLON	E989RRR-UPC	6 X 6 X 6 JUNCTION BOX - WP PVC	1	EA	\$ 17.26	\$ 17.26
BLINE	B22SHGALV10	UNISTRUT 10' 1 3/8" DEEP (C SERIES)	1	EA	\$ 35.78	\$ 35.78



Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
BLINE	B104ZN	"L" BRACKET	1	EA	\$ 6.16	\$ 6.16
NAT'L STRAND	14AEHS-7W	1/4" MESSENGER WIRE	1	EA	\$ 0.45	\$ 0.45
RELIABLE PWR	5100	1/4" STRAND VICE	1	EA	\$ 16.18	\$ 16.18
DEWALT	1MASRY	1" CORE BIT	1	EA	\$ 136.00	\$ 136.00
THOMAS & BETTS	28-09615	3 BOLT CLAMP	1	EA	\$ 10.30	\$ 10.30
GRND WIRE	6GRNUT	GROUND WIRE	1	FT	\$ 1.44	\$ 1.44
PANDUIT	LCC6-14AW-L	#6 COMPRESSION LUG	1	EA	\$ 20.80	\$ 20.80
ERICO	615800	5/8 X 10FT GROUND ROD	1	EA	\$ 26.67	\$ 26.67
THOMAS & BETTS	JJR	GROUND ROD CLAMP	1	EA	\$ 9.04	\$ 9.04



Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
COMMSCOPE	CMP-00423CS34-6U-0	CAT 6 GREEN LABEL (1000' BOX)	1	EA	\$ 380.800	\$ 380.80
COMMSCOPE	UNJ600T-BL	1 PORT MOD JACK BLUE	1	EA	\$ 10.01	\$ 10.01
COMMSCOPE	UNJ600-GR	1 PORT MOD JACK GREEN	1	EA	\$ 10.01	\$ 10.01
COMMSCOPE	UNJ600-262	1 PORT MOD JACK WHITE	1	EA	\$ 10.01	\$ 10.01
COMMSCOPE	UNJ600-YL	1 PORT MOD JACK YELLOW	1	EA	\$ 10.01	\$ 10.01
COMMSCOPE	MM05-COMC6-05	5FT PATCH CABLE YL 5FT	1	EA	\$ 12.11	\$ 12.11
COMMSCOPE	MM05-COMC6-001	5FT PATCH CABLE ORG 5FT	1	EA	\$ 12.11	\$ 12.11
COMMSCOPE	MM05-COMC6-04	5FT PATCH CABLE GRY 5FT	1	EA	\$ 12.11	\$ 12.11
COMMSCOPE	MM05-COMC6-06	5FT PATCH CABLE BLU5FT	1	EA	\$ 12.11	\$ 12.11
COMMSCOPE	MM02-COMC6-01	5FT PATCH CABLE VIO 5FT	1	EA	\$ 12.11	\$ 12.11
COMMSCOPE	MM02-COMC6-01	2FT PATCH CABLE YEL 2 FT	1	EA	\$ 10.50	\$ 10.50
COMMSCOPE	MM05-COMC6-04	2FT PATCH CABLE ORG 2 FT	1	EA	\$ 10.50	\$ 10.50
COMMSCOPE	MM05-COMC6-06	2FT PATCH CABLE GRY 2 FT	1	EA	\$ 10.50	\$ 10.50
COMMSCOPE	UC1BBB2-08F002	2FT PATCH CABLE BLU 2 FT	1	EA	\$ 10.50	\$ 10.50
SYSTIMAX	SMB-2P-262	SURFACE MOUNT BOX 2 POSITION	1	EA	\$ 4.48	\$ 4.48
COMMSCOPE	M12L-62	FACEPLATE	1	EA	\$ 2.17	\$ 2.17
CPI	10642-001	CABLE RUNWAY END CAPS	1	EA	\$ 12.46	\$ 12.46
CPI	10250-712	CABLE RUNWAY LADDER RACK	1	FT	\$ 176.05	\$ 176.05
CPI	11421-712	CABLE RUNWAY SUPPORT KIT	1	EA	\$ 40.46	\$ 40.46
CPI	10595-712	CABLE RUNWAY MOUNTING PLATE	1	EA	\$ 56.21	\$ 56.21
CPI	11301-001	BUTT SPLICE KIT	1	EA	\$ 15.89	\$ 15.89
CPI	11302-001	JUNCTION SPLICE KIT	1	EA	\$ 16.45	\$ 16.45
CPI	10506-706	ELEVATION KIT	1	EA	\$ 70.70	\$ 70.70
CPI	12100-712	CABLE RUNWAY DROP 12" CROSS MEMBER	1	EA	\$ 64.05	\$ 64.05
CPI	10622-010	BUSBAR KIT	1	EA	\$ 100.66	\$ 100.66
COMMSCOPE	977473	48 PORT PATCH PANEL	1	EA	\$ 120.75	\$ 120.75
COMMSCOPE	365172	1U HORIZONTAL CABLE MANAGER	1	EA	\$ 86.87	\$ 86.87
COMMSCOPE	365174	2U HORIZONTAL CABLE MANAGER	1	EA	\$ 129.29	\$ 129.29
COMMSCOPE	VCM-DS-84-6B	2 VERTICAL CABLE MANAGER	1	EA	\$ 1,523.69	\$ 1,523.69
CPI	55053-703	2POST FLOOR RACK	1	EA	\$ 265.65	\$ 265.65
CPI	11421-712	WALL ANGLE KIT	1	EA	\$ 40.46	\$ 40.46
CPI	11421-712	LADDER TRAY	1	EA	\$ 176.75	\$ 176.75
GENERIC	FIRE RATED	PLYWOOD 3/4" HALF SHEET 4X 8	1	EA	\$ 187.18	\$ 187.18
PANDUIT	JP2W-L20	J-HOOK WITH WIRE AND SHOT	1	EA	\$ 3.01	\$ 3.01
VELCRO USA	MISC	75' VELCRO ROLL - PLENUM	1	EA	\$ 30.80	\$ 30.80
HILTI	CP618	FIRESEAL PUTTY	1	EA	\$ 83.65	\$ 83.65
MCA	EMT200	2" SLEEVE W/BUSHING	1	EA	\$ 2.10	\$ 2.10
MCA	EMT400	4" SLEEVE W/BUSHING	1	EA	\$ 8.47	\$ 8.47



Manufacturer	Part Number	DESCRIPTION	Qty	Unit	Material Price/per Unit	Material Extended Cost
MCA	3/4" & 1/4"	LABELS	1	EA	\$ 0.42	\$ 0.42
GENERIC	PLASTIC ANCH #10-12	#10-12 PLASTIC ANCHOR KIT 100 EA	1	EA	\$ 21.00	\$ 21.00
MCA	RENTAL	LIFT RENTAL	1	EA	\$ 1,680.00	\$ 1,680.00





## PROMETHEAN SHEET

Tips 230105



### Disclaimer –

Pricing shown within this document is for Tips-USAONLY!

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PROMETHEAN Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
<b>Interactive Flat Panel Displays</b>				
AP7-U65-NA-1	ActivPanel Nickel 65"	ActivPanel Nickel 65" - 1 x Pen, Vesa Mount, WIFI Module & cable pack included. ActivInspire Professional Edition available FOC	\$2,559.20	EA
AP7-U75-NA-1	ActivPanel Nickel 75"	ActivPanel Nickel 75" - 1 x Pen, Vesa Mount, WIFI Module & cable pack included. ActivInspire Professional Edition available FOC	\$4,847.20	EA
AP7-U86-NA-1	ActivPanel Nickel 86"	ActivPanel Nickel 86" - 1 x Pen, Vesa Mount, WIFI Module & cable pack included. ActivInspire Professional Edition available FOC	\$7,303.20	EA
AP7-B70-NA-1	ActivPanel Titanium 70"	ActivPanel Titanium 70" - 4 x Pen, Vesa Mount, WIFI Module & cable pack included. ActivInspire Professional Edition available FOC	\$4,727.20	EA
AP7-B75-NA-1	ActivPanel Titanium 75"	ActivPanel Titanium 75" - 4 x Pen, Vesa Mount, WIFI Module & cable pack included. ActivInspire Professional Edition available FOC	\$5,871.20	EA
AP7-B86-NA-1	ActivPanel Titanium 86"	ActivPanel Titanium 86" - 4 x Pen, Vesa Mount, WIFI Module & cable pack included. ActivInspire Professional Edition available FOC	\$8,103.20	EA
<b>IFP Stands and Mounts</b>				
AP-FSM	AP Fixed Height System Mobile	Fixed height mobile stand for use with ActivPanel	\$727.20	EA
AP-ASW-70	AP Adj System Wallmount	Manual height adjustable wall mount stand for use with ActivPanel	\$1,015.20	EA
AP-ASW-90	AP Adj System Wallmount	Manual height adjustable wall mount stand for use with ActivPanel	\$1,015.20	EA
AP-ASF-70	AP Adj System Floor Support	Manual height adjustable wall mount stand with floor support for use with ActivPanel	\$1,303.20	EA
AP-ASF-90	AP Adj System Floor Support	Manual height adjustable wall mount stand with floor support for use with ActivPanel	\$1,303.20	EA
AP-ASM-70	AP Adj System Mobile	Manual height adjustable mobile stand for use with ActivPanel	\$1,623.20	EA
AP-ASM-90	AP Adj System Mobile	Manual height adjustable mobile stand for use with ActivPanel	\$1,623.20	EA
AP-AFS-TRAY	Laptop Shelf	Side mounted laptop shelf	\$271.20	EA
<b>ActiveBoard</b>				
AB10T78D	ActivBoard 10Touch 78 Dry Erase	ActivBoard 10Touch Range 78" Dry Erase electronic interactive whiteboard. ActivInspire Professional Edition available FOC.	\$1,415.20	EA
AB10T88D	ActivBoard 10Touch 88 Dry Erase	ActivBoard 10Touch Range 88" Dry Erase electronic interactive whiteboard. ActivInspire Professional Edition available FOC.	\$1,647.20	EA
<b>ActivConnect</b>				
PRM-CHROMEBOX	Promethean Chromebox	Promethean Chromebox	\$559.20	EA



PROMETHEAN Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
ACON1-OPS	ActivConnect OPS	ActivConnect OPS-G series collaboration device	\$391.20	EA
OPS2-5P8R256S	OPS-M Series	Promethean OPS-M (no OS preinstalled)	\$1,359.20	EA
OPS2-5P8R256S-WIN	OPS-M Series	Promethean OPS-M (Win 10 IoT preinstalled)	\$1,527.20	EA
0287.900	AP Adj System Mobile	AudiaFLEX 2-channel Voice over Internet Protocol telephone interface card (Card Kit)	\$712.00	EA
<b>Advanced Replacement Cover</b>				
ABT5YRARC	ActivBoard Touch 5 Year ARC	ActivBoard Touch range - Enhancement, Advanced Replacement Cover, 5 Years	\$295.20	EA
APM5YRARC	ActivPanel (Medium) 5 Year ARC	ActivPanel Medium (size up to & including 79") - Extension, Advanced Replacement Cover, 5 years	\$335.20	EA
APL5YRARC	ActivPanel (Large) 5 Year ARC	ActivPanel Large (size 80"+) - Extension, Advanced Replacement Cover, 5 years	\$423.20	EA
PRJ5YRARC	Projector 5 Year ARC	Projector range - Extension & Enhancement, Advanced Replacement Cover, 5 years	\$247.20	EA
<b>Interactive Displays Spares</b>				
AP-WIFI-A	Wi-Fi Module V7 Nickel & Cobalt	Wi-Fi Module for ActivPanel V7 Nickel & Cobalt	\$124.80	EA
AP-WIFI-BC	Wi-Fi Module V7 Titanium	Wi-Fi Module for ActivPanel V7 Titanium	\$136.00	EA
AP4F-REMOTE	ActivPanel Remote	Remote control for ActivPanel 70" & 80"	\$95.20	EA
AP-REMOTE-CONTROL	ActivPanel Remote	Remote control for ActivPanel versions 5-7 & i-Series	\$89.60	EA
APT2-REMOTE	ActivPanel Remote	Remote control for ActivPanel versions 1-3	\$95.20	EA
ACON1-G-REMOTE	ActivConnect G-Series Remote	ActivConnect G-Series collaboration device remote	\$96.00	EA
AP-ACC-HOLDER	ActivPanel Accessory Holder	ActivPanel Accessory Holder for AP5/AP6	\$87.20	EA
AP7-ERASER-B	ActivPanel V7 Eraser	Eraser for ActivPanel V7 Titanium	\$103.20	EA
AP-ERASER	ActivPanel Eraser	ActivPanel Eraser for AP5/AP6	\$87.20	EA
<b>Promethean Academy Professional Development</b>				
ACAD-TRN-CONS	Consultancy Services	Promethean Academy Consultancy Services	CALL	EA
CONSULT	Onsite Consulting Services	Onsite Consulting Services - Full Day	CALL	EA
PROFDEV	Onsite Face to Face-Full Day	Onsite Face to Face Training - Full Day	\$2,447.20	EA
PROFDEV-TC	Face to Face-Prom Full Day	Face to face training at a Promethean Training Center - Full Day	\$391.20	EA
PROFDEV-VIR	Virtual Training	Virtual Training	\$647.20	EA
PROFDEV-ONSITE-EC	Onsite Training	Onsite EC Training - Full Month	\$49,663.20	EA





## VIEWSONIC SHEET

Tips 230105



### Disclaimer –

Pricing shown within this document is for Tips-USA ONLY!

"All pricing reflected in MCA's Manufacturer Product Catalogs are based on the Discount-Off the current Manufacturer List Price (MSRP) for each Manufacturer at the time of bid and this Discount-Off may not be the same applied for all manufacturers within our proposal. All pricing and part numbers are subject to change at any time by the Manufacturer/Supplier for various reasons outside of MCA's control, such as, current Covid-19 protocols, current supply of raw materials, current supply chain issue, and rising cost for shipping. MCA will not provide free shipping due to the current market for any orders and shipping shown within any quote will be an estimate only. Shipping will be billed to customer as reflected in F.O.B. on invoice to MCA from the Manufacturer/Supplier(s). Due to the current Supply Chain issue, all product ordered by MCA for customer will be shipped as it becomes available and will not be held until order is complete. MCA cannot guarantee product will be available at the time of order, and MCA cannot guarantee when product will be delivered."



Part Number	Model Name	Long Description	Customer Price	Unit
<b>Monitors &amp; Interactive Display</b>				
TD1655		15.6" Portable Touch Display with FHD 1080p resolution, 2-Way Power with USB Type-C, Frameless Design, Built-in stand.	\$506.00	EA
TD2220		22" Multi-touch LED Full HD LED backlit monitor with 1920x1080 resolution, Dual Optical Touch with 8H hardness, DVI and VGA inputs, 20,000,000:1 Dynamic contrast ratio, Stereo speakers with SRS premium sound, Energy Star and EPEAT Silver certified.	\$491.04	EA
CDE3204		32" (31.5" viewable) Full HD LED Commercial Display	\$650.32	EA
CDE4302		ViewSonic's new CDE4302 43" Full HD commercial display, 1920 x 1080, 350 nits, HDMI, VGA, RS232, SPDIF, USB.	\$694.32	EA
CDE4320		43" 4K Ultra HD Smart Commercial Display, 3840x2160 Resolution.	\$870.32	EA
CDE5010		50" 4K Ultra HD Commercial Display, 3840x2160 resolution, 350nits, Built-in Multi-Core Media Player with 8GB Storage.	\$1,099.12	EA
CDE5510		55" 4K Ultra HD Commercial Display	\$1,275.12	EA
CDE5520		55" 4K Ultra HD Large Format Presentation Display, 3840 x 2160 Resolution, Powerful All-in-One SoC Platform.	\$1,336.72	EA
CDE6502		65" LED Commercial Display, 1920x1080, 350 Nits, 4000:1, Android V5.0, Quad Core, RAM 2G+ ROM 8G, HDMI x 2 (1 Support MHL), VGA x 1, RS232 in x 1, USB x 3, RJ45 x 1, Black	\$2,067.12	EA
CDE6510		65" 4K Ultra HD Commercial Display	\$1,627.12	EA
CDE6520-W		65" 4K Ultra HD Large Format Presentation Display, 3840x2160 Resolution.	\$1,803.12	EA
CDE7500		75" 4K UHD Commercial Display	\$2,568.72	EA
CDE7520-W		75" 4K Ultra HD Large Format Presentation Display, 3840x2160 Resolution.	\$2,859.12	EA
CDE8620-W		86" 4K Ultra HD Large Format Presentation Display, 3840x2160 Resolution.	\$4,355.12	EA
CDE9800		98" 4K Ultra HD Commercial Display, 3840x2160 Resolution.	\$10,779.12	EA
IFP2410		24" ViewBoard Mini Smart Display Hub, 1920x1080 Resolution.	\$870.32	EA
IFP5550		55" ViewBoard® 4K Ultra HD Interactive Flat Panel	\$2,331.12	EA
IFP6550		65" ViewBoard® 4K Ultra HD Interactive Flat Panel	\$3,211.12	EA
IFP6560		65" ViewBoard 4K Interactive Flat Panel with InGlass™ Technology	\$3,915.12	EA



## VIEWSONIC Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
IFP6570		65" ViewBoard® 4K Interactive Flat Panel with PCAP Technology, 3840 x 2160 resolution.	\$6,379.12	EA
IFP7550		75" ViewBoard® 4K Ultra HD Interactive Flat Panel	\$4,883.12	EA
IFP7560		75" ViewBoard 4K Interactive Flat Panel with InGlass™ Technology	\$5,499.12	EA
IFP8650		86" ViewBoard® 4K Ultra HD Interactive Flat Panel	\$7,259.12	EA
IFP8670		86" ViewBoard® 4K Interactive Flat Panel with PCAP Technology, 3840 x 2160 resolution.	\$11,659.12	EA
IFP9850		98" ViewBoard® 4K Ultra HD Interactive Flat Panel, 3840 x 2160 resolution.	\$11,659.12	EA
CDE7561T		75" Full HD ViewBoard, 1920 x 1080, 20- point touch, 350 nits, HDMI, VGA In/Out, CVBS, RS232 and USB	\$7,259.12	EA
IFP5550-E1		ViewBoard IFP5550-E1 bundle includes the following items: - ViewBoard IFP5550 4K Interactive display (UPC 766907938814 / Serial V70YYWWnnnnn / VLHYYWWnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnn) - WMK-047-2 wall mount (UPC 766907909227 / Serial V1BYYWWnnnnn)	\$2,501.84	EA
IFP5550-E2		ViewBoard IFP5550-E2 bundle includes the following items: - ViewBoard IFP5550 4K Interactive display (UPC 766907938814 / Serial V70YYWWnnnnn / VLHYYWWnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnn) - VB-STND-001 Mobile trolley cart (UPC 766907947618 / Serial V8KYYWWnnnnn)	\$3,109.04	EA
IFP6550-E1		ViewBoard IFP6550-E1 bundle includes the following items: - ViewBoard IFP6550 4K Interactive display (UPC 766907912814 / Serial V25YYWWnnnnn / V32YYWWnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnn) - WMK-047-2 wall mount (UPC 766907909227 / Serial V1BYYWWnnnnn)	\$3,381.84	EA



## VIEWSONIC Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
IFP6550-E2		ViewBoard IFP6550-E2 bundle includes the following items: - ViewBoard IFP6550 4K Interactive display (UPC766907912814 / Serial V25YYWWnnnnnn/V32YYWWnnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnnn) - VB-STND-001 Mobile trolley cart (UPC 766907947618 / Serial V8KYYWWnnnnnn)	\$3,989.04	EA
IFP7550-E1		ViewBoard IFP7550-E1 bundle includes the following items: - ViewBoard IFP7550 4K Interactive display (UPC766907901610 / Serial UZWYYWWnnnnnn/V33YYWWnnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnnn) - WMK-047-2 wall mount (UPC 766907909227 / Serial V1BYYWWnnnnnn)	\$5,053.84	EA
IFP7550-E2		ViewBoard IFP7550-E2 bundle includes the following items: - ViewBoard IFP7550 4K Interactive display (UPC766907901610 / Serial UZWYYWWnnnnnn/V33YYWWnnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnnn) - VB-STND-001 Mobile trolley cart (UPC 766907947618 / Serial V8KYYWWnnnnnn)	\$5,661.04	EA
IFP8650-E1		ViewBoard IFP8650-E1 bundle includes the following items: - ViewBoard IFP8650 4K Interactive display (UPC766907900415 / Serial UZUYYWWnnnnnn/V34YYWWnnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnnn) - WMK-047-2 wall mount (UPC 766907909227 / Serial V1BYYWWnnnnnn)	\$7,429.84	EA
IFP8650-E2		ViewBoard IFP8650-E2 bundle includes the following items: - ViewBoard IFP8650 4K Interactive display (UPC766907900415 / Serial UZUYYWWnnnnnn/V34YYWWnnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnnn) - VB-STND-001 Mobile trolley cart (UPC 766907947618 / Serial V8KYYWWnnnnnn)	\$8,037.04	EA



## VIEWSONIC Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
IFP9850-E1		IFP Bundle includes the following items: - ViewBoard IFP9850 4K Interactive display (UPC 766907003581 / Serial VULYYWWnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnn) - WMK-047-2 wall mount (UPC 766907909227 / Serial V1BYYWWnnnnn)	\$11,829.84	EA
IFP9850-E2		IFP Bundle includes the following items: - ViewBoard IFP9850 4K Interactive display (UPC 766907003581 / Serial VULYYWWnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnn) - VB-STND-001 Mobile trolley cart (UPC 766907947618 / Serial V8KYYWWnnnnn)	\$12,437.04	EA
PD-IFP-001		ViewSonic ViewBoard IFP Professional Development Webinar, 60 minutes Live	\$1,011.12	EA
PD-IFP-002		ViewSonic ViewBoard IFP Professional Development On Site Training, 6 Hours.	\$3,299.12	EA
PD-IFP-003		ViewBoard On-site Professional Development - 2 consecutive days.	\$6,115.12	EA
PD-IFP-004		ViewBoard On-site Professional Development - half day.	\$2,771.12	EA
CDM4300R		43" (42.5" viewable) All-in-One Commercial Display	\$1,222.32	EA
CDM4300T		43" (42.5" viewable) All-in-One Interactive Commercial Display	\$1,979.12	EA
CDM4900R		49" (48.5" viewable) All-in-One Commercial Display	\$1,398.32	EA
CDM5500R		55" (54.6" viewable) All-in-One Commercial Display	\$1,803.12	EA
CDM5500T		55" (54.6" viewable) All-in-One Commercial Display, 10-Point touchscreen and internal media player.	\$2,859.12	EA
CDP9800		98" (97.5" viewable) Ultra HD Commercial Display, 3840 x 2160, 500 nits, HDMIx3, DisplayPort, DVI, YPbPr, CVBS, VGA, USB, RJ45, OPS compatible, Dual 10W speakers.	\$15,531.12	EA
LD135-151		135" Premium All-in-One Direct View LED Commercial Display, 1920x1080 Resolution, Powerful Embedded SoC Platform.	\$88,219.12	EA
LD163-181		163" Premium All-in-One Direct View LED Commercial Display, 1920x1080 Resolution, Powerful Embedded SoC Platform.	\$105,819.12	EA
CDX4952		49" Ultra-Narrow Bezel Commercial Display, Full HD 1080p resolution, 450-nit brightness, SuperClear® technology for wide viewing angles, and dual 10W stereo speakers.	\$2,278.32	EA



## VIEWSONIC Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
CDX5552		55" (54.64" viewable) ultra-narrow bezel commercial display, Full HD 1920 x 1080, 500-nit brightness, 12ms response time, 178°/178° wide viewing angle, HDMI, DisplayPort, DVI, Audio, CVBS, VGA, YPbPr, RS232, RJ45, Dual 10W speakers.	\$3,211.12	EA
CDX5562		55" Super Ultra-Narrow Bezel Commercial Display, SuperClear® IPS Panel Technology, 10x10 Tiling Support with DisplayPort or DVI, Control Multiple Devices, Free Bundled vController™ Software.	\$4,443.12	EA
CDX4952-B4		2x2 Professional Video Wall Bundle includes CDX4952 x 4 (UPC 766907878417 / Serial UVBYYWWnnnnnn) , WMK-067 x 4 (UPC 766907003383 / Serial VU2YYWWnnnnnn)	\$13,155.12	EA
CDX5552-B4		2x2 Professional Video Wall Bundle includes CDX5552 x 4 (UPC 766907807417 / Serial UDCYYWWnnnnnn), WMK-067 x 4 (UPC 766907003383 / Serial VU2YYWWnnnnnn)	\$16,059.12	EA
CDX5562-B4		2x2 Professional Video Wall Bundle includes CDX5562 x 4 (UPC 766907961614 / Serial VC1YYWWnnnnnn), WMK-067 x 4 (UPC 766907003383 / Serial VU2YYWWnnnnnn)	\$23,099.12	EA
CDX4952-B9		3x3 Professional Video Wall Bundle includes CDX4952 x 9 (UPC 766907878417 / Serial UVBYYWWnnnnnn), WMK-067 x 9 (UPC 766907003383 / Serial VU2YYWWnnnnnn)	\$28,379.12	EA
CDX5552-B9		3x3 Professional Video Wall Bundle includes CDX5552 x 9 (UPC 766907807417 / Serial UDCYYWWnnnnnn), WMK-067 x 9 (UPC 766907003383 / Serial VU2YYWWnnnnnn)	\$33,659.12	EA
CDX5562-B9		3x3 Professional Video Wall Bundle includes CDX5562 x 9 (UPC 766907961614 / Serial VC1YYWWnnnnnn), WMK-067 x 9 (UPC 766907003383 / Serial VU2YYWWnnnnnn)	\$49,499.12	EA
EP1042T		10" (10.1" viewable) All-in-One Interactive ePoster, 10-point touch, 1280 x 800 resolution, 300 nits brightness, 800:1 contrast, Power over Ethernet, one-wire installation, HDMI, USB, Micro SD, 802.11 b/g/n wireless and RJ45 Ethernet, 8G internal memory and integrated speakers.	\$747.12	EA



Part Number	Model Name	Long Description	Customer Price	Unit
EP3220T		32" Interactive All-in-One ePoster Digital Billboard	\$1,099.12	EA
EP4320-2		43" ePoster Digital Kiosk	\$1,979.12	EA
EP4330T		43" Interactive Commercial ePoster, 1920x1080 Resolution, 450 cd/m2 Brightness, 24/7 Operation.	\$3,563.12	EA
EP5540		55" 4K Ultra HD ePoster Kiosk Display	\$3,035.12	EA
EP5540T		55" 4K Ultra HD Interactive ePoster Kiosk Display	\$3,739.12	EA
EP5500D-1		EP5500D-1 bundle includes the following items: - STND-052 (UPC 766907927115 / Serial V4GYYWWnnnnn)	\$7,611.12	EA
EP5500D-2		EP5500D-2 bundle includes the following items: - STND-052 (UPC 766907927115 / Serial V4GYYWWnnnnn)	\$8,200.72	EA
EP5500D-4		EP5500D-4 bundle includes the following items: - STND-052 (UPC 766907927115 / Serial V4GYYWWnnnnn)	\$7,021.52	EA
EP2410-B1		Health Flex Kiosk Bundle with 24" Display -VP2468 (UPC 766907844818 / Serial UN8YYWWnnnnn)	\$1,935.12	EA
EP2410T-B1		Health Flex Kiosk Bundle with 24" Touch Display -VSD243-BKA-US0 (UPC 766907001297 / Serial VNJYYWWnnnnn )	\$2,067.12	EA
EP2710-B1		Health Flex Kiosk Bundle with 27" Display -VP2768 (UPC 766907893618 / Serial UY5YYWWnnnnn)	\$2,331.12	EA
<b>Displays Mounts</b>				
VB-BLF-001		BalanceBox 400-40 Floor Mount for 55" or 50.7-94.7lbs (400-40 + VESA + Floor Support), BalanceBox p/n: 480A13+481A70+481A42, 15.75" height adjustable distance	\$1,269.84	EA
VB-BLF-002		BalanceBox 400-70 Floor Mount for 65" - 75" or 90.4-152lbs (400-70 + VESA + Floor Support), BalanceBox p/n: 480A12+481A70+481A42, 15.75" height adjustable distance	\$1,269.84	EA
VB-BLF-003		BalanceBox 400-90 Floor Mount for 86" or 145.5-209lbs (400-90 + VESA + Floor Support), BalanceBox p/n: 480A14+481A70+481A42, 15.75" height adjustable distance	\$1,269.84	EA
VB-BLF-004		BalanceBox 650-80 Floor Mount for 75-154.3lbs (650-80 + VESA + Floor Support) , BalanceBox p/n: 484A07+481A70+481A13, 25.60" height adjustable distance	\$1,745.92	EA



Part Number	Model Name	Long Description	Customer Price	Unit
VB-BLF-005		BalanceBox 650-130 Floor Mount for 147.7-280lbs (650-130 + VESA + Floor Support), BalanceBox p/n: 484A08+481A70+481A13, 25.60" height adjustable distance	\$1,745.92	EA
VB-BLF-006		BalanceBox 650-180 Floor Mount for 207.2-372.6lbs (650-180 + VESA + Floor Support), Whiteboard Surface Wings Compatible, BalanceBox p/n: 484A09+481A70+481A13, 25.60" height adjustable distance	\$1,745.92	EA
VB-BLM-001		BalanceBox 400-40 Mobile Cart for 55" or 50.7-94.7lbs (400-40 + VESA + Wheel Base), BalanceBox p/n: 480A13+481A70+481A47001, 15.75" height adjustable distance	\$1,683.44	EA
VB-BLM-002		BalanceBox 400-70 Mobile Cart for 65" - 75" or 90.4-152lbs (400-70 + VESA + Wheel Base), BalanceBox p/n: 480A12+481A70+481A47001, 15.75" height adjustable distance	\$1,683.44	EA
VB-BLM-003		BalanceBox 400-90 Mobile Cart for 86" or 145.5-209lbs (400-90 + VESA + Wheel Base), BalanceBox p/n: 480A14+481A70+481A47001, 15.75" height adjustable distance	\$1,683.44	EA
VB-BLM-004		BalanceBox 650-80 Mobile Cart for 75-154.3lbs (650-80 + VESA + Wheel Base) , BalanceBox p/n: 484A07+481A70+481A50, 25.60" height adjustable distance	\$2,440.24	EA
VB-BLM-005		BalanceBox 650-130 Mobile Cart for 147.7-280lbs (650-130 + VESA + Wheel Base), BalanceBox p/n: 484A08+481A70+481A50, 25.60" height adjustable distance	\$2,440.24	EA
VB-BLM-006		BalanceBox 650-180 Mobile Cart for 207.2-372.6lbs (650-180 + VESA + Wheel Base), Whiteboard Surface Wings Compatible, BalanceBox p/n: 484A09+481A70+481A50, 25.60" height adjustable distance	\$2,440.24	EA
VB-BLW-001		BalanceBox 400-40 Wall Mount for 55" or 50.7-94.7lbs (400-40 + VESA), BalanceBox p/n: 480A13+481A70, 15.75" height adjustable distance	\$1,024.32	EA
VB-BLW-002		BalanceBox 400-70 Wall Mount for 65" - 75" or 90.4-152lbs (400-70 + VESA), BalanceBox p/n: 480A12+481A70, 15.75" height adjustable distance	\$1,024.32	EA
VB-BLW-003		BalanceBox 400-90 Wall Mount for 86" or 145.5-209lbs (400-90 + VESA) , BalanceBox p/n: 480A14+481A70, 15.75" height adjustable distance	\$1,024.32	EA



Part Number	Model Name	Long Description	Customer Price	Unit
VB-BLW-004		BalanceBox 650-80 Wall Mount for 75-154.3lbs (650-80 + VESA), BalanceBox p/n: 484A07+481A70, 25.60" height adjustable distance	\$1,473.12	EA
VB-BLW-005		BalanceBox 650-130 Wall Mount for 147.7-280lbs (650-130 + VESA), p/n: 484A08+481A70, 25.60" height adjustable distance	\$1,473.12	EA
VB-BLW-006		BalanceBox 650-180 Wall Mount for 207.2-372.6lbs (650-180+ VESA), Whiteboard Surface Wings Compatible, BalanceBox p/n: 484A09+481A70, 25.60" height adjustable distance	\$1,473.12	EA
VB-BWS-001		4 Whiteboard surfaces, 65" panel for Balancebox 650-180, balancebox p/n: 481076003	\$2,236.08	EA
VB-BWS-002		4 Whiteboard surfaces, 75" panel for Balancebox 650-180, balancebox p/n: 481076002	\$2,324.08	EA
VB-BWS-003		4 Whiteboard surfaces, 86" panel for Balancebox 650-180, balancebox p/n: 481076001	\$2,412.08	EA
VB-BWS-004		6 Whiteboard surfaces, 65" panel for Balancebox 650-180, balancebox p/n: 481075003	\$2,676.08	EA
VB-BWS-005		6 Whiteboard surfaces, 75" panel for Balancebox 650-180, balancebox p/n: 481075002	\$2,764.08	EA
VB-BWS-006		6 Whiteboard surfaces, 86" panel for Balancebox 650-180, balancebox p/n: 481075001	\$2,852.08	EA
VB-BOW-001		BalanceBox over-the-whiteboard floor support. For BalanceBox® 400 installations on studded walls and non-supporting walls, Balancebox p/n: 481A61001	\$501.60	EA
VB-BMT-001		BalanceBox 400 Mix laptop tray, can be mounted on the front, or behind, BalanceBox 400 Mix series.	\$255.20	EA
VB-EBL-001		e-Box® Laptop and Keyboard support for e-Box® mobile stand #487A01 and wall mount #487A02	\$382.80	EA
VB-EBM-001		e-Box® mobile Stand with wheel (fast travel) VESA 600x400, balancebox p/n: 487A01. Require VB-EBV-001 (86").	\$1,979.12	EA
VB-EBS-001		e-Box® Soundbar bracket for e-Box® mobile stand #487A01 and wall mount #487A02	\$303.60	EA
VB-EBT-001		e-Box® Title & Table stand with wheel (fast travel, low profile) VESA 600x400, balancebox p/n: 487A03. Require VB-EBV-001 (86").	\$2,507.12	EA
VB-EBV-001		e-Box® VESA Adapter 800x600 and 800x400, balancebox p/n: 481A117	\$303.60	EA



## VIEWSONIC Customer Pricing

Part Number	Model Name	Long Description	Customer Price	Unit
VB-EBW-001		e-Box® wall mount (fast travel) VESA 600x400, balancebox p/n: 487A02. Require VB-EBV-001 (86").	\$1,539.12	EA



# MCA Communications Inc. Catalog HISS Additional Materials Bid

## 23-03-15-23 Tips 230105

Type 1	Description	Model Preference	Price
Audio	Audio adapter cable, Male 3.5mm stereo TRS to dual Male RCA, 12ft	Kramer C-A35M/2RAM-12	\$20.80
Audio	Audio adapter cable, Male 3.5mm stereo TRS to dual female 3.5mm stereo TRS, Y splitter, 6in	Hosa Technology YMM-232	\$7.15
Audio	Audio cable, Male 3.5mm stereo TRS to Male 3.5mm stereo TRS, 10ft	Pearstone MMSA-110B	\$3.89
Audio	Audio adapter cable, Male 3.5mm stereo TRS to dual Female RCA, 6in	StarTech.com MUMFRCA	\$11.05
Audio	Audio adapter cable, Female 3.5mm stereo TRS to dual Male RCA, 6in	StarTech.com MUFMRCA	\$11.05
Audio	XLR cable, 24AWG, metal connectors, 50ft	Kopul M3050	\$26.00
Audio	XLR cable, 24AWG, metal connectors, 100ft	Kopul M3100	\$36.40
Audio	Speakon cable, 14AWG, 25ft	Hosa Technology SKT-425	\$58.50
Audio	Speakon cable, 14AWG, 50ft	Hosa Technology SKT-450	\$84.50
Audio	Speakon cable, 14AWG, 100ft	Hosa Technology SKT-4100	\$129.87
Audio	1/4" to Speakon cable, 14AWG, 25ft	Hosa Technology - SKT-225Q	\$78.00
Audio	1/4" to Speakon cable, 14AWG, 50ft	Hosa Technology SKT-250Q	\$101.40
Audio	1/4" to Speakon cable, 14AWG, 100ft	Hosa Technology SKT-2100Q	\$175.50
Audio	Powered audio mixer/amplifier, 8-channel, effects, portable, 1200W peak	Yamaha EMX5	\$654.26
Audio	Audio mixer, analog, 12-channel, USB, aux channel, portable, effects	Mackie PROFX12V3	\$552.49
Audio	Audio mixer, analog, 16-channel, USB, 2+ aux channels, 4 sub groups, effects	Mackie PROFX16V3	\$787.29
Audio	Audio speaker amplifier, 50W, 8-Ohm, Plenum-rated, 3.5mm stereo input, RCA L/R input, ground lift filter, stereo/mono switch	Cables2Go 40880	\$571.99
Audio	Microphone, boundary/zone, USB	MXL AC-404	\$91.00
Audio	Microphone, handheld, 3.5mm	Audio-Technica ATR1200X	\$32.50
Audio	Microphone, desktop, USB	Blue Yeti YETI BACKOUT (988-000100)	\$148.20
Audio	Handheld Microphone, wired, w/ 25ft XLR cable	Shure SM58-CN	\$141.70
Type 1	Description	Model Preference	Price
Audio	Handheld Microphone, wired - NO CABLE	Shure SM58-LC	\$141.70
Audio	XLR cable for wired microphones, 25ft	Shure C25J	\$31.20
Audio	Wireless Microphone, handheld, 1.9GHz, for Anchor AnchorLink- equipped PA systems	Anchor WH-LINK	\$416.00
Audio	Microphone, handheld, 10ft coiled cable, 1/4" connector	Anchor MIC-50	\$62.40



Audio	Wireless microphone, handheld, for Califone PA919 audio system	Califone Q319	\$258.70
Audio	Wireless microphone transmitter, belt pack ONLY, for Califone PA919 audio system	Califone M319	\$257.40
Audio	Microphone, lavalier, microphones ONLY, for Califone PA919 audio system	Califone LM319	\$58.50
Audio	Wireless microphone set, digital receiver, XLR and 1/4" output, kit with receiver and handheld microphone	Shure QLXD24/SM58	\$1,302.60
Audio	Wireless microphone set, digital receiver, XLR and 1/4" output, kit with receiver and lavalier microphone with belt pack transmitter	Shure QLXD14/85	\$1,302.60
Audio	Wireless microphone set, digital receiver, XLR and 1/4" output, kit with receiver, handheld mic, and lavalier microphone with belt pack transmitter	Shure QLXD124/85	\$1,302.60
Audio	Mobile presentation speakers, 3.5mm aux input, volume control, pair	Bose Companion 2 Series III	\$188.50
Audio	Loudspeaker, active/powered, 2000W, 2-way, XLR and 1/4" inputs, passthrough, built-in handle, pole socket	QSC k12.2	\$1,430.00
Audio	Loudspeaker, passive, 300W, 2-way speaker, 12in woofer, Speakon input and output, built-in handle, pole mount socket	EV Sx300E	\$1,038.70
Audio	Desktop computer speakers, volume control, headphone jack, 3.5mm stereo connection, pair	Logitech S-120 (980-000012)	\$23.40
Audio	Headphones, on-ear, light-weight, Male 3.5mm stereo connector	Panasonic RP-HT21	\$15.60
Audio	Headphones with microphone, over-the-ear, light-weight, Male USB Type-A connector	Cyber Acoustics AC-5008	\$32.50
Audio	Headphones, over-the-ear, 40mm drivers, studio monitor, Male 3.5mm stereo connector, Female 3.5mm stereo to Male 1/4-inch stereo adapter	Sony MDR-7506	\$117.00
Audio	Speakers, 2x2 drop-in ceiling tiles, 8-Ohm, plenum-rated	Cables2Go 41508	\$206.70
Audio	Speakers, wall-mounted, 8-Ohm, 100W peak	JBL Control 25-1	\$271.70
Audio	Speaker stand, tripod, aluminum, pair with bag	Auray SS047A-PB	\$117.00
<b>Type 1</b>	<b>Description</b>	<b>Model Preference</b>	<b>Price</b>
Audio	Portable PA system, 20W, Bluetooth, two 1/4" mic inputs, one 1/4" line input, one 1/4" line output, rechargeable battery, signal alert, kit with 2 wireless recv, 1 wireless handheld mic, 1 speaker stand	Anchor MEGA-BP1-H	\$2,314.72
Audio	Megaphone, 50W, pistol grip, siren	Pyle Pro PMP57LIA	\$100.10
Audio	Portable Sound System, 375W, Bluetooth - sm/med venue	Fender Passport Event Series 2 (6943000000)	\$1,160.24
Audio	Portable Sound System, 600W, Bluetooth - med/large venue	Fender Passport Venue Series 2 (6944000000)	\$1,632.36
Audio	Portable PA system, 200W, Bluetooth, 3.5mm stereo input, XLR input, 1/4" input, SD card slot, USB port, rechargeable battery, incl. 2 wireless handheld mic (headset and handheld)	Denon AUDIO COMMANDER	\$1,365.99
Computers	Computer headset with noise cancelling microphone, USB	Cyber Acoustics AC-5008	\$27.61
Computers	HP USB-C to VGA adapter	HP N9K76AA#ABA	\$36.39
Computers	HP DisplayPort to VGA Adapter	HP AS615AA	\$28.98
Computers	Computer Monitor, 24", 1920x1080, 16:9, LCD, DisplayPort, HDMI, and VGA inputs	HP P24G4 (1A7E5AA#ABA)	\$248.48
Computers	Computer Monitor, 22", 1920x1080, 16:9, LCD, DisplayPort, HDMI, and VGA inputs	HP P22-G4 (1A7E4AA#ABA)	\$269.18
Computers	Wireless Presenter remote, 2.4GHz, laser pointer, 50ft range, USB dongle stored inside remote	Targus AMP13US	\$40.91



Computers	Laptop dock, HP Elite, 90W, Thunderbolt 3, for HP EliteBook x360	HP 1DT93UT#ABA	\$172.64
Computers	Laptop power supply, 65W Smart AC Adapter, for HP EliteBook/ProBook x360 laptops	HP H6Y89AA#ABA	No Bid
Computers	MicroSDXC Memory card, A2/UHS-I/V30/U3/Class 10, 64GB	SanDisk SDSQXA2-064G-GN6MA	\$22.58
Computers	MicroSDXC Memory card, A2/UHS-I/V30/U3/Class 10, 128GB	SanDisk SDSQXA1-128G-AN6MA	\$34.53
Computers	SDXC Memory card, UHS-I/V30/U3/Class 10, 128GB	SanDisk SDSDXXY-128G-ANCIN	\$41.35
<b>Type 1</b>	<b>Description</b>	<b>Model Preference</b>	<b>Price</b>
Computers	Memory card reader, USB 3.0, multi-format	Kingston FCR-HS4	\$36.40
Computers	External hard drive, USB 3.0, 5200 RPM, 2TB	WD WDBS4B0020B BK-WESN	\$93.91
Computers	External DVD/CD rewriter, USB 2.0	LG GP50NB40	\$40.04
Computers	Webcam, 720p, built-in microphone, USB 2.0	Logitech C310	\$39.99
Computers	Webcam, 1080@30p, built-in microphone, wide-angle lens, USB 3.1 Gen 1	Logitech C920s	\$90.39
Install	New data plate in the wall with one port (D1)	No materials included	\$104.00
Install	New data plate in the wall with two ports (D2)	No materials included	\$104.00
Install	Mount projector in ceiling w/ speakers (does not include projector)	Installation on 9 ft ceiling	\$123.50
Install	Mount TV on wall (does not include TV or mount hardware)	Installation on 9 ft ceiling	\$123.50
Photo	Camera bag - small	Loweepro LP36441	\$29.77
Photo	Cleaning kit, incl. blower, brush, cloth, swabs, cleaning solution, for camera lenses	Giottos CL1001	\$31.20
Photo	Camera cleaning kit, incl. blower, brush, cloth, swabs, cleaning solution	Giottos CL1002	\$31.20
Photo	Reflector, 5-in-1 (silver, gold, white, black, diffuser), collapsible, 42in	Impact R2542-51	\$58.50
Photo	Battery, rechargeable, Lithium-Ion, 3.6V, 600mAh, for Sony Cyber- Shot DSC-W800	Sony NP-BN1	\$14.29
Photo	Camera, point-and-shoot, 20.1MP, 5x optical zoom, 10x digital zoom, 720@30p video, optical image stabilization, built-in flash, built-in microphone	Sony Cyber-Shot DSC-W800	\$156.00
<b>Type 1</b>	<b>Description</b>	<b>Model Preference</b>	<b>Price</b>
Video	A-clamp, steel, vinyl tips and handles, 2-inch clamp capacity	Bessey XM5-B	\$7.22
Video	Photo/Video background, muslin, incl. chroma green, black, and white, kit w/ stand, 10ftx12ft	Impact BGS-1012-SK3	\$128.70
Video	HDMI cable, male-to-male, supports 4K, 3ft	Pearstone HDA-103	\$14.95
Video	HDMI cable, male-to-male, supports 4K, 6ft	Pearstone HAD-106	\$16.84
Video	HDMI cable, male-to-male, supports 4K, 15ft	Pearstone HAD-115	\$19.44
Video	HDMI cable, male-to-male, supports 4K, 25ft	Comprehensive HD-HD-25EST	\$71.50
Video	HDMI coupler, female to female	Pearstone HD-AFSS2	\$7.80
Video	VGA cable, male-to-male, incl. 3.5mm audio connector, 10ft	Comprehensive HP15P-P-10ST/A	\$10.40



Video	VGA cable, male-to-male, incl. 3.5mm audio connector, 25ft	Comprehensive HD15P-P-25ST/A	\$19.50
Video	VGA Gender changer, female-to-female	C2G 02751	\$13.57
Video	VGA Gender changer, male-to-male	C2G 02752	\$9.10
Video	Video Projector, 4000 Lumens, WXGA, Laser light source, built-in presentation gateway - classroom	Epson PowerLite L200W	\$1,024.40
Video	Video Projector, 5000 Lumens, WXGA, Laser light source, built-in presentation gateway - Lib, Commons, Stage, Teaching Theater	Epson PowerLite L52W	\$3,365.70
Video	Video Projector, 6000 Lumens, WUXGA, choice of lenses - Auditorium, high ambient light, special cases	Epson EB-PU1006W	\$8,968.70
Video	Video Projector, 4000 Lumens, WXGA, Laser light source, ultra-short throw - Stage, Collaboration areas, special cases	Epson PowerLite 725W	\$1,950.00
Video	Video Projector, 5000 Lumens, 1080p, Laser light source, ultra-short throw - Special cases	Epson PowerLite 800F (white), or PowerLite 805F (black)	\$3,495.70
Video	Video Projector, 700 Lumens, WXGA, LED light source - Portable	Optoma ML750	\$806.00
Video	LCD TV, 55-inch, 4K, 3+ HDMI inputs, built-in speakers, commercial display - conf room/digital signage	LG 55UR640S9UD	\$1,024.40
Video	LCD TV, 65-inch, 4K, 3+ HDMI inputs, built-in speakers, commercial display - conf room/digital signage	LG 65UR640S9UD	\$1,285.70
Video	LCD TV, 75-inch, 4K, 3+ HDMI inputs, built-in speakers, commercial display - digital signage, special cases	LG 75UR640S9UD	\$1,805.70
Video	Wall mount for LCD TV, tilting, for 32" to 80" TV	Crimson T55LL	\$128.70
Video	Wall mount for LCD TV, fixed flat low profile, for 37" to 90" TV	Crimson F63A	\$149.50
Video	Wall mount for LCD TV, articulating, for 37" to 70" TV	Crimson A63F	\$310.40
<b>Category 1</b>	<b>Description</b>	<b>Model Preference</b>	<b>Price</b>
Video	Projector Ceiling Mount Kit for suspended ceilings, 6" to 11" adjustable pipe, above-ceiling mounting plate, universal projector mount, quick release, suspension wires and hardware	Crimson JKS3-11A	\$271.70
Video	Projector Wall Mount Kit, 1.5ft to 2.5ft telescoping arm, dual-stud design, universal projector mount, quick release	Chief WM220AUS	\$464.10
Video	Projector cage for ceiling-mounted projectors, medium	Chief PG1AW	\$431.34
Video	Projector mount and cage for Epson 725W ultra-short-throw projector	BMS E UST PP/CTAWA	\$778.00
Video	HDMI Matrix Switch, 2x2, 4K@30p, HDMI 1.4, priority switching	StarTech.com VS222HD4K	\$273.00
Video	HDMI Switch, 4x1, 4K@60p, HDMI 2.0	StarTech.com VS421HD20	\$79.29
Video	HDMI Splitter, 1x2, 4K@30p, HDMI 1.4	StarTech.com ST122HD4K	\$97.50
Video	HDMI Splitter, 1x4, 4K@60p, HDMI 2.0	StarTech.com ST124HD20	\$106.00
Video	HDMI Matrix Switch, 4x4, 4K@60p, HDBaseT outputs with PoE, de-embedded audio (3.5mm stereo, digital Coax RCA), presets	Hall Research HSM-44-BX	\$3,481.40
Video	HDMI HDBaseT receiver, PoE, 4K@60, compatible with Hall Research HSM-44-BX	Hall Research HBX-R	\$188.50
Video	HDMI extender, PoE, HDBaseT, kit includes wall plate transmitter and receiver box	Hall Research UHBX-WP-P2	\$608.40
Video	HDMI distribution amp over CAT6, 1x4, 4K@30, PoE, HDMI loop out, 4 receivers	A-Neuvideo ANI-0104POE-XT	\$448.50
Video	HDMI active optical cable, plenum-rated, 50ft	Liberty AOC-18G-R-OBXP-G15M	\$244.40
Video	HDMI wall plate, Female HDMI port, passthrough, Decora style	C2G 39710	\$36.39



Video	VGA Matrix Switch, 2x2, 1920x1440@85p, 250MHz, 3.5mm audio connections	StarTech.com ST222MXA	\$140.40
Video	Document Camera, 13 MegaPixel (4224x3156), USB 3.0, built-in microphone, built-in light	Hovercam Solo 8 Plus	\$518.70
Video	Video Camera, 1080p @ 60, 50x optical zoom, Mini-HDMI output port, clean HDMI video output	Panasonic HC-V180K	\$297.70
Video	HDMI / SDI video capture card for desktop computers, PCI-Express x4	Blackmagic Design DeckLink Mini Recorder 4K (BDLKMINIREC4K0	\$172.90
Video	HDMI video capture adapter, 1080p @ 30, USB 2.0	BlueAVS BLAVCCUSB20IN	\$26.00
Video	Presentation Gateway, 1080p, wireless and wired network, supports Windows, Mac, iOS, Android, Miracast, AirPlay	ScreenBeam 1000 EDU	\$156.00
Video	Projection screen, manual, 6ft wide, 16:10 aspect ratio (classroom)	Da-Lite Model B (36461)	\$318.50
Video	Projection screen, manual, 8ft wide, 16:10 aspect ratio (lg classroom)	Da-Lite Model D (36465)	\$318.50





**MCA Communications Inc.**  
**Tips 230105 Labor Rates**

**Bid# 24-030 Voice and Data Cabling for  
Fort Bend County**



### Fort Bend County B24-030 Voice and Data Cabling Labor Tips # 230105

Service Name	Service Description	Specify Unit Type -(Ex. Per Hour, Per Person, Per Day, etc.)	Unit Pricing Not-to-Exceed	% Discount	TIPS Price - Not to Exceed	
MCA Service	IT Cabling Testing & Diagnostics	Per hour	\$83.50	34.50%	\$55.10	0.00%
MCA Service	Fiber cabling	Per hour	\$85.00	34.50%	\$ 66.09	0.00%
MCA Service	Outside Plant	Per hour	\$90.00	34.50%	\$ 69.39	0.00%
MCA Service	IT & AV System Equipment	Per hour	\$85.00	34.50%	\$ 66.09	0.00%
MCA Service	Project Managenment	Per hour	\$90.00	34.50%	\$ 69.39	0.00%
MCA Service	IT cabling Testing & Diagnostic	Per hour	\$69.00	34.50%	\$ 55.53	0.00%
MCA Service	Fiber Cabling Testing & Diagnostic	Per hour	\$85.00	34.50%	\$ 66.09	0.00%
MCA Service	IT & AV System Equipment Testing & Diagnostic	Per hour	\$85.00	34.50%	\$ 56.09	0.00%
MCA Service	System Programming	Per hour	\$129.00	34.50%	\$ 85.13	0.00%
MCA Service	System Design & Documentation	Per hour	\$114.00	34.50%	\$ 75.23	0.00%



**16.0 AWARD:**

This contract will be awarded to the lowest and best bidder meeting specifications.

**17.0 BID PRICING:**

Time plus materials: \$ 40.00 per hour, for work performed DURING normal working hours (Monday through Friday, 8:00 am – 5:00 pm).

Time plus materials: \$ 60.00 per hour, for work performed AFTER normal working hours (Monday through Friday, after 5:00 pm and/or on weekends).

**18.0 REQUIRED FORMS:**

All vendors submitting are required to complete the attached and return with submission:

- 18.1 Vendor Form
- 18.2 Proof of Required Insurance
- 18.3 W9 Form
- 18.4 Tax Form/Debt/Residence Certification
- 18.5 Contractor Acknowledgement of Stormwater Management Program



# CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.  
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

## OFFICE USE ONLY CERTIFICATION OF FILING

**1 Name of business entity filing form, and the city, state and country of the business entity's place of business.**

MCA Communications, Inc.  
Houston, TX United States

**Certificate Number:**  
2024-1140310

**Date Filed:**  
03/28/2024

**Date Acknowledged:**  
04/09/2024

**2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.**

Fort Bend Independent School District

**3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.**

B24-047  
Voice and Data Cabling

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

**5 Check only if there is NO Interested Party.**



**6 UNSWORN DECLARATION**

My name is \_\_\_\_\_, and my date of birth is \_\_\_\_\_.

My address is \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.  
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in \_\_\_\_\_ County, State of \_\_\_\_\_, on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(month) (year)

\_\_\_\_\_  
Signature of authorized agent of contracting business entity  
(Declarant)