

04

Authorize administration to contract with Pref-Tech for Garland K-8 camera and access control upgrade to Genetec, including vape sensor installation, for \$108,639.29 and not to exceed \$115,000 with change orders.

Proposal



To:
Charles Klein
International Leadership of Texas
1651 N. Glenville Dr., Ste. 216
Richardson, TX 75081

Submitted by:

Preferred Technologies, LLC
3709 Promontory Point Drive, Ste. 106
Austin, TX 78744
Telephone: (281) 442-0550
Facsimile: (281) 449-5597

Title: International Leadership of Texas, Garland K-8 VMS Conversion – Genetec – Hanwha Conversion

Contract Number: DIR-CPO-4742

Date Submitted: 7/8/2022

Point of Contact: Alan Ham
Sales and Design Professional

Proposal Amount: \$108,639.29

Signed:

Alan Ham
Sales and Design Professional
Preferred Technologies, LLC
(346) 262-3792
alanham@pref-tech.com



Overview

Preferred Technologies, LLC. (Pref-Tech) will convert the existing video surveillance system for International Leadership of Texas at their Garland K-8 facility. Pref-Tech's work will be compliant with manufacturer requirements, applicable codes, and the highest industry standards.

Scope of Work

Preferred Technologies, LLC. will perform the following tasks:

- Head End Equipment and Licensing
 - Pref-Tech will provide and install (1) Genetec Streamvault SV-2011EX-R18-96T-8-216 Server appliance inside of the IDF. This server will operate as the directory server and the archiver.
 - This server will require a data drop which has been included in this proposal.
 - Pref-Tech will provide and configure the Genetec base licensing for the system on the provided server.
 - Pref-Tech will provide and configure (33) Genetec camera connection licenses to bring cameras into Genetec Omnicast.
- Pref-Tech will provide and install (33) Hanwha cameras across the facility. The following quantities will be installed. See drawings below for camera placements.
 - (7) Hanwha PNM-9084RQZ Multi-sensor cameras
 - (2) will be wall mounted.
 - (5) will be corner mounted.
 - (16) Hanwha PNM-9000VD Dual sensor cameras
 - All cameras will be ceiling mounted in ceiling tile.
 - (5) Hanwha QND-8080R Fixed Dome cameras
 - All cameras will be surface mounted.
 - (4) Hanwha PNM-9031RV Panoramic cameras
 - All cameras will be surface mounted.
 - (1) Hanwha PNV-9081 Fixed Dome camera
 - This camera will be surface mounted.
 - Note: The majority of the cameras to be installed will reuse existing data drops. (2) data drops will be provided to accommodate new camera locations.
- Pref-Tech will provide and install (4) Halo Vape Detection Sensor. These devices will be installed in (2) restroom locations. Each location will have (1) sensor installed in each of the two restrooms(men's and women's).
 - Pref-Tech will provide the necessary data drops for functionality.
- Pref-Tech Labor Service
 - Pref-Tech will provide project management services to include proper project facilitation and close out documentation to International Leadership of Texas.
 - Pref-Tech will provide programming services to properly configure the server and bring the cameras into Genetec Omnicast.
 - Pref-Tech will provide training on the (16) hours of training for IL Texas. This training can be split between users and administrators.



Assumptions

The below assumptions were applied when pricing this project. The pricing in this proposal is contingent upon the validity of these assumptions. Additional charges may result if these assumptions be found false.

- Pref-Tech's work is limited to the installation of the bill of materials listed in the Pricing Sheet.
- Others will provide all required 120VAC power.
- Others will provide all necessary network access, server and workstation permissions, and IP information.
- Others will provide physical access to all work locations.
- Others will provide necessary wall space.
- Others will provide necessary rack space.
- All data drops are in good, working order and terminate in the IDF.
- All material shipments will be standard ground. If expedited shipping is required, then extra charges may apply.
- Taxes are excluded. If taxes apply, then Pref-Tech will apply the required taxes to each invoice.



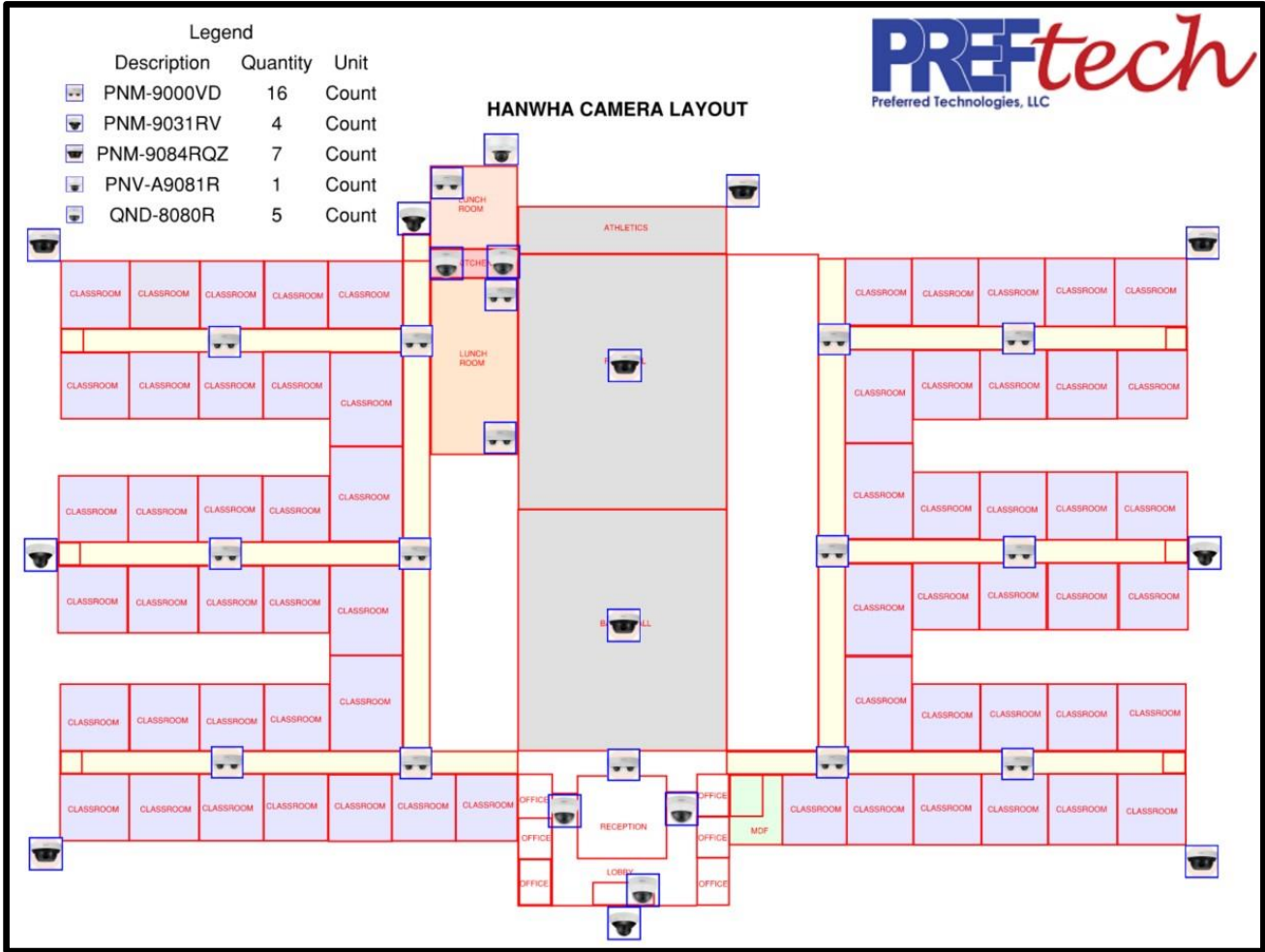
Bill of Material

COST TYPE	DIR ITEM TYPE	MANUF	PART NUMBER	BILL OF MATERIALS				MSRP			DISCOUNT		SUBTOTAL		DIR FEE		TOTAL		
				DESCRIPTION	QTY OF KITS	QTY PER KIT	TOTAL QTY	UNIT	UNIT MSRP	TOTAL MSRP	% OFF MSRP	UNIT RETAIL	TOTAL RETAIL	DIR FEE %	DIR FEE TOTAL	DIR FEE TOTAL	DIR UNIT RETAIL	DIR TOTAL RETAIL	
				DIR LABOR															
BOM	DIR LABOR	PREF-TECH	TRAIN	TRAIN	N/A	N/A	16.00	HR	\$ 175.00	\$ 2,800.00	15.00%	\$ 148.75	\$ 2,380.00	0.75%	\$ 1.12	\$ 17.92	\$ 149.87	\$ 2,397.92	
BOM	DIR LABOR	PREF-TECH	PROGRAMMING	PROGRAMMING	N/A	N/A	40.00	HR	\$ 175.00	\$ 7,000.00	15.00%	\$ 148.75	\$ 5,950.00	0.75%	\$ 1.12	\$ 44.80	\$ 149.87	\$ 6,994.80	
BOM	DIR LABOR	PREF-TECH	PROJECT MANAGEMENT	PROJECT MANAGEMENT	N/A	N/A	36.00	HR	\$ 175.00	\$ 6,300.00	15.00%	\$ 148.75	\$ 5,362.50	0.75%	\$ 1.12	\$ 40.32	\$ 149.87	\$ 5,512.32	
				DIR KIT															
BOM	DIR KIT	PREFERRED TECHNOLOGIES, LLC	ILT-OREM H6-K6 GEN-HAN-07-09-2022	K-6 GEN-HAN	1.00	N/A	1.00	EA	\$ 95,019.57	\$ 95,019.57	15.00%	\$ 80,766.63	\$ 80,766.63	0.75%	\$ 626.75	\$ 81,393.38	\$ 81,372.38	\$ 81,372.38	
				GENETEC LICENSES															
BOM	DIR KIT COMPONENT	GENETEC	GSC-5-10	SOFTWARE VERSION	N/A	1.00	1.00	EA	\$ -	\$ -	28.50%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	GENETEC	GSC-BASE-5-10	GENETEC SECURITY CENTER (GSC) BASE PACKAGE - VERSION 5.10 WHICH INCLUDES: 1) DIRECTORY, 5 SECURITY DESK CLIENT CONNECTIONS (INCL. WEB CLIENT), PLAN MANAGER BASIC, ALARM MANAGEMENT, ADVANCED REPORTING, SYSTEM PARTITIONING, ZONE MONITORING, 10 MODULES SUPPORT, EMAILSUPPORT, MAJORS SUPPORT (ACTUAL MAJORS SOLD SEPARATELY), SUPPORT FOR SERVER, VIRTUALIZATION, ALL SUPPORTED LANGUAGES. MUST PURCHASE A SYNERGIST, OMNICAST, OR AUTOVUM BASE PACKAGE TO ENABLE ACCESS CONTROL, VIDEO, OR LIP/CONTENT RESPECTIVELY.	N/A	1.00	1.00	EA	\$ -	\$ -	28.50%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
				LICENSES															
BOM	DIR KIT COMPONENT	GENETEC	GSC-EDU-OM-10	1 OMNICAST EDUCATION CAMERA CONNECTION FOR K12. MUST PURCHASE OMNICAST™ EDUCATION K12 PACKAGE (GSC-EDU-OM-BASE). INCLUDES GENETEC™ ADVANTAGE FOR OMNICAST EDUCATION CAMERA CONNECTION FOR K12 - 5 YEARS.	N/A	33.00	33.00	EA	\$ -	\$ -	28.50%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
				HANNWAH															
BOM	DIR KIT COMPONENT	GENETEC	SV-ACC-SRV-RADIS-CONF5	STREAMALL™ COMPACT ARCHIVE DRIVES AS 1X RAID 6. ONLY APPLIES TO SYSTEMS WITH THE RIGHT NUMBER OF HDDS AND RAID SUPPORT IN THE SV-1000 (R6), SV-2000 AND SV-4000 AND LIP	N/A	1.00	1.00	EA	\$ -	\$ -	28.50%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	GENETEC	SV-2011EX-R18-96T-9-216	STREAMALL™ X1800E SERIES: (2) 8000 SILVER X1800E 30GBRAM (2) 240GB M.2 SSD (12) 8TB SATA (4) 10GBE RJ45 PORTS (2) 10GBE SFP+ PORTS (2) 100W PSU WINDOWIS SERVER DVS (40) 1400 1400 W/40 WARRANTY GENETEC™ SECURITY CENTER PRE-INSTALLED. LICENSE SOLD SEPARATELY.	N/A	1.00	1.00	EA	\$ -	\$ -	28.50%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
				HANNWAH															
				PMM-9084RQZ 4 SENSOR IP CAMERA															
				2 WALL MOUNT															
				5 CORNER MOUNT															
BOM	DIR KIT COMPONENT	HANNWAH	PMM-9084RQZ	2MP X 4 OUTDOOR DOME, PTRZ W/IR	N/A	7.00	7.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	HANNWAH	SBP-317MMW	HANGING MOUNT (WHITE)	N/A	7.00	7.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	HANNWAH	SBP-300MMW	WALL MOUNT (WHITE)	N/A	2.00	2.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	HANNWAH	SBP-300BW	INSTALLATION BACK BOX	N/A	2.00	2.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	HANNWAH	SBP-390MMW2	WALL MOUNT ARM (WHITE) FOR CORNER AND POLE	N/A	5.00	5.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	HANNWAH	SBP-309MMW1	CORNER MOUNT ADAPTER (WHITE)	N/A	5.00	5.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	DITEK	DTK-ARJPOES	ETHERNET SURGE PROTECTOR, POE+HPKEL, CAT 5E/6A, SHIELDED RJ45 CONNECTOR, 1/10 Gbps, 48 VOLT, 1.5 AMPERE, 3" LENGTH X 1.7" WIDTH X 1.2" HEIGHT ABS PLASTIC	N/A	7.00	7.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	TBD	MISC.CAM.ST	MISCELLANEOUS MATERIALS FOR CAMERA SET UP SCREWS, CONNECTORS AND THE LIKE	N/A	7.00	7.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	PREF-TECH	PT-LABOR-ST	LABOR TO INSTALL CAMERA	N/A	7.00	7.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
				PMM-9000V2 2 SENSOR IP CAMERA															
				16 CEILING MOUNT															
BOM	DIR KIT COMPONENT	HANNWAH	PMM-9000VD	2MP X 2 OUTDOOR DOME	N/A	16.00	16.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	HANNWAH	SMS-SLASM60D	1/1.8" 8MP CMOS with a 4.6mm fixed lens	N/A	32.00	32.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	ATLAS SOUND	B1-4	TILE BRIDGE ASSEMBLY FOR USE WITH 01-4	N/A	16.00	16.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	TBD	MISC.CAM.ST	MISCELLANEOUS MATERIALS FOR CAMERA SET UP SCREWS, CONNECTORS AND THE LIKE	N/A	16.00	16.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	PREF-TECH	PT-LABOR-ST	LABOR TO INSTALL CAMERA	N/A	16.00	16.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
				QND-800R FIXED DOME IP CAMERA															
				5 CEILING MOUNT															
BOM	DIR KIT COMPONENT	HANNWAH	QND-800R	8MP IR OUTDOOR DOME	N/A	5.00	5.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	TBD	MISC.CAM.ST	MISCELLANEOUS MATERIALS FOR CAMERA SET UP SCREWS, CONNECTORS AND THE LIKE	N/A	5.00	5.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	PREF-TECH	PT-LABOR-ST	LABOR TO INSTALL CAMERA	N/A	5.00	5.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
				PMM-9031RV 180 PANORAMIC IP CAMERA															
				4 CEILING MOUNT															
BOM	DIR KIT COMPONENT	HANNWAH	PMM-9031RV	15 MP 180 PANORAMIC IP CAMERA	N/A	4.00	4.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	TBD	MISC.CAM.ST	MISCELLANEOUS MATERIALS FOR CAMERA SET UP SCREWS, CONNECTORS AND THE LIKE	N/A	4.00	4.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	PREF-TECH	PT-LABOR-ST	LABOR TO INSTALL CAMERA	N/A	4.00	4.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
				PW-9081R FIXED DOME IP CAMERA															
				1 CEILING MOUNT															
BOM	DIR KIT COMPONENT	HANNWAH	PW-9081R	4K FIXED DOME IP CAMERA	N/A	1.00	1.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	TBD	MISC.CAM.ST	MISCELLANEOUS MATERIALS FOR CAMERA SET UP SCREWS, CONNECTORS AND THE LIKE	N/A	1.00	1.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	PREF-TECH	PT-LABOR-ST	LABOR TO INSTALL CAMERA	N/A	1.00	1.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
				HANNWAH HALO VAPE SENSORS															
				4 CEILING MOUNT															
BOM	DIR KIT COMPONENT	IP VIDEO	PZ-HALO2	HALO IOT SMART SENSOR V2	N/A	4.00	4.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	TBD	MISC.CAM.ST	MISCELLANEOUS HARDWARE FOR CAMERA SET UP	N/A	4.00	4.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	
BOM	DIR KIT COMPONENT	PREF-TECH	PT-LABOR-ST	LABOR TO INSTALL VAPE SENSOR	N/A	4.00	4.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -	



STRUCTURED CABLING																				
SINGLE CAT 6 SECURITY DROP YELLOW																				
BOM	DIR KIT COMPONENT	COMMSCOPE	CMP-0042C234-05	CMP-0042C234-05 CS-UNPRIS CS24P YEL C6 423 LU/TP CRK 1KFT 23-4P UTP-PLENUM SOL CATE CS24P YELLOW RIGID UNP/0111410	NA	1750.00	1750.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -		
BOM	DIR KIT COMPONENT	COMMSCOPE	909K30	CS-UNPRIS UN600-YL UNPRISE MODULAR RJ45 JACK CAT 6 UTP 8 POSITION YELLOW IMD #P033793	NA	14.00	14.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -		
BOM	DIR KIT COMPONENT	COMMSCOPE	MM3-COMC6-05	CS-UNPRIS UC1BB62-09F03 CBL ASSY MOD 24-4PR STR CATE T568B 3FT YELLOW UC1BB62-09F03	NA	7.00	7.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -		
BOM	DIR KIT COMPONENT	COMMSCOPE	MM5-COMC6-05	CS-UNPRIS UC1BB62-09F05 CBL ASSY MOD 24-4PR STR CATE T568B 5FT YELLOW UC1BB62-09F05	NA	7.00	7.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -		
BOM	DIR KIT COMPONENT	COMMSCOPE	190289	CS-COMMSCO M1015MB-B-262 1-PORT SURFACE MNT BRUNDED ICONABLE M-SERIES 107984015 WHITE	NA	7.00	7.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -		
BOM	DIR KIT COMPONENT	PREF-TECH	CUSTOM	CABLE LABEL	NA	14.00	14.00	EA	\$ -	\$ -	0.00%	\$ -	\$ -	0.75%	\$ -	\$ -	\$ -	\$ -		
GENERAL CONDITIONS																				
GC5	DIR MATERIAL	PREF-TECH	ILT-GREM-HB-PERDIEM-07-06-2022	PER DIEM	NA	NA	1.00	EA	\$ 7,344.91	\$ 7,344.91	0.00%	\$ 7,344.91	\$ 7,344.91	0.75%	\$ 55.09	\$ 55.09	\$ 7,400.00	\$ 7,400.00		
GC5	DIR MATERIAL	PREF-TECH	ILT-GREM-HB-TRAVEL-07-06-2022	TRAVEL	NA	NA	1.00	EA	\$ 3,566.40	\$ 3,566.40	0.00%	\$ 3,566.40	\$ 3,566.40	0.75%	\$ 26.75	\$ 26.75	\$ 3,593.15	\$ 3,593.15		
MSRP TOTAL												SUBTOTAL			DIR FEE			TOTAL		
\$ 124,486.09												\$ 107,838.15			\$ 808.14			\$ 108,639.29		

New Camera Locations



Acceptance of Proposal

The Pref-Tech team thanks you for allowing us the opportunity to work with you on this project. To accept this proposal and allow Pref-Tech to proceed with the scope of work outlined above, please sign below and fax or email to your account executive.

My signature below constitutes acceptance of this proposed scope of work and the Terms and Conditions provided.

Signature

Name and Title

Company

Date



Terms and Conditions

This proposal is valid for 30 days.

This Proposal is subject to change based on unknown items that may occur as result of COVID-19 such as material delays, labor shortages, jobsite disruptions or governmental intervention. Even as the US is experiencing a wind-down, manufactures and production facilities are feeling the impacts limited by international imports (such as chip shortages), health and safety concerns, as well as economic impacts to their business. Lead times and production may be extended without warning. Projects with critical completion schedules should be coordinated with your **Pref-Tech SDP**.

Invoicing:

- **Pref-Tech will Order and Invoice for 100% of the materials for the total contract amount.** This includes (but is not limited to) all material, software, consumables, and other items deemed necessary for the project.
- **Customer expressly allows Pref-Tech to invoice for stored materials.** Pref-Tech will store materials at the customer location or in the Pref-Tech bonded and insured warehouse and provide backup documentation with inventories by part number, pictures, etc., as requested by the Customer.
- **Customer expressly allows Pref-Tech to submit progressive invoices based upon completed work percentage or other production milestone.**

Payment terms are NET 30 days from the date of invoice. Past due amounts shall incur interest at 8% per annum, accrued daily from the date due (NET 30) until paid in full.

Pref-Tech may elect to preserve our right to perfect a bond or lien by sending notices in accordance with statutory requirements.

Any change to the scope of work or materials described in this proposal involving extra cost will only be effective upon the execution of a written change order by involved parties.

Pricing is conditional upon unrestricted access to all applicable areas where work is to be performed or access to and from areas where work is to be performed. Unless otherwise noted, the scope of work shown in this proposal is to be performed without delays. Additional trip charges may apply if delays caused by reasons outside of Pref-Tech's control are incurred.

Pref-Tech will guarantee all material and workmanship for a period of one year from the completion of the work included in this proposal. The warranty will commence upon final project acceptance and will terminate the 365th day beyond the date of final acceptance, regardless of warranty work conducted during the warranty period. The Owner is responsible for troubleshooting and identifying faults covered under this warranty. Additional fees may apply if Pref-Tech must troubleshoot issues for the Owner and/or if, during the course acting on a warranty request, Pref-Tech determines that the issue was not generated by failures in material or workmanship. Except for the foregoing warranty, Preferred Technologies specifically disclaims all other warranties, express or implied, including but not limited to the warranties of merchantability and of fitness for a particular purpose.

Pref-Tech shall not be liable for any special, consequential, incidental or exemplary damages or loss. Pref-Tech will not be responsible for equipment or parts which are in disrepair due to misuse, accident or mishandled by others not authorized to service this equipment during our agreement time. Pref-Tech will not be responsible for damages caused by fire, the elements, civil commotion, and malicious mischief, negligence of the customer, its agents or acts of God.

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