

Larson Associates USA, Inc.
 1200 Commerce Drive
 Suite 120
 Plano, Texas 75093
 Phone (972) 612-1373
 Fax



www.larsonusa.com

ESTIMATE

Estimate # 21-070

Date: 5/27/2021

Bill To

City of Allen
 Accounts Payable C/O Sid Hudson
 305 Century Parkway
 Allen, TX 75013

P.O. No.	Terms	Due Date	Rep	Project
	30% Down - Remaini...	4/15/2021	PML	
Description	Qty	Rate	Total	
City Hall Public Safety BDA System - 2 Hour Rated Donor and Main Feed Cabling - Radiax Interior Distribution.				
FIPLEX 30-DH7S-D-7S27B CLASS B	1	5,283.45	5,283.45	
DIGITAL SIGNAL BOOSTER. PS 800 + 700 MHz + FirstNet, Dual Band				
30-BTTY-100100 24hr Backup FLEX BBU. Battery backup, 100W, 100Ah capacity, NFPA Compliant	1	3,955.95	3,955.95	
External Annunciator for Flex BBU one box solution, with dry contacts	1	1,044.30	1,044.30	
Plenum Rated CAT5 Cable including support hangers - Routed from BDA to Fire Control Panel	1	230.10	230.10	
30A Twist lock circuit from existing panel in Server Room	1	750.00	750.00	
Roof Top Penetration - Subcontract Commercial Roofing Company	1	1,180.00	1,180.00	
Dry Wall Penetration/Sleeves	8	75.00	600.00	
2" EMT Conduit	12	52.33333	628.00	
2" EMT Conduit Hangers, Supports, J-Boxes Fittings and 90's	1	250.00	250.00	
NEMA4 Box	1	268.53	268.53	
Concrete Coring	1	1,275.00	1,275.00	
RFS 2HB12-50JPLR DRAGONSKIN™ 1/2"	115	85.00	9,775.00	
FIRE-RESISTANT UL 2196 CERTIFIED STANDALONE COAXIAL CABLE				

Subtotal

Sales Tax (0.0%)

Total

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NM-LCF12-C03 Connector	2	17.405	34.81	
746-896 MHz Yagi Antenna (11 dBi), 48deg Horizon	1	174.64	174.64	
Non-Penetrating Roof Mount Kit - Includes Rubber Pad, Cinder Blocks and Grounding	1	185.00	185.00	
LMR600 Coax - Rooftop UV Rated Cable	20	2.56	51.20	
LMR600 connectors	2	18.88	37.76	
1.25" Rigid Galvanized Conduit for Rooftop run	20	8.0605	161.21	
DURA-BLOK Pipe Support Block, Recycled Rubber-Conduit Support, Including Conduit Clamps	4	71.9575	287.83	
DC Blocked Coaxial Lightning Protector with N-Female connector, 20-1000 MHz	1	52.81	52.81	
Trilogy Radiax AP6012J50 AirCell® Plenum Radiating, 1/2", 50 Ohm, Corrugated, Jacketed CMP, Conforms to NFPA-262, UL-444, Canadian CSA 22.2/FT6	310	1.35	418.50	
NMP01250 AirCell® 50 Ohm Connectors	6	20.14	120.84	
Splitter / Decoupler / Attenuators	1	221.84	221.84	
NON-PIM Indoor Wide Band Omni Antenna	2	36.285	72.57	
Radiax Hangers, Installation Supplies and Cable Labels	1	450.00	450.00	
Public Safety Placards / Signage	1	185.00	185.00	
2018-0194-C--01-01 Labor Rate per Man Hour	172	108.15	18,601.80	
Shipping - Will be adjusted upon completion	1	375.00	375.00	
ESTIMATED				

Subtotal

Sales Tax (0.0%)

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Fire Alarm Subcontractor Protegis Fire & Safety will facilitate the installation of a 8 monitor Module to monitor the ANN-004 – Remote Annunciator by main Fire Alarm Panel. It is assumed that the existing panel has the capability to except the additional device. If that is found not to be true during the install phase, additional pricing may be required.		1	6,878.22	6,878.22

Subtotal	\$53,549.36
Sales Tax (0.0%)	\$0.00
Total	\$53,549.36

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