

BUDGETARY QUOTE

Submitted by:	<i>for the Attention of</i>	Quotation number	1803191
Jose Almeida	Neil Thomas	Date	19-Mar-2018
ASC Signal Corporation	SatCom Resellers	Valid to	18-May-2018
e-mail:	10 Fairway Drive, Suite 212	Currency	US Dollars
jose.almeida@ascsignal.com	Deerfield Beach, FL 33441	Incoterms	Ex Works Canada & USA
Tel.: +55 15 3342-1146	Tel.: 954-794-7332	Payment Terms	50% With the PO
Cel.: +55 15 9 9105-6721	Cel.: 732-810-9919		50% prior to Ship

QTY	PART NUMBER	DESCRIPTION	UNIT PRICE	TOTAL PRICE
Antenna Products: 6.5m Standard C Band Motorized Antenna				
ANTENNA EQUIPMENT				\$110,808.00
1	ES65-2	6.5 Meter C-Band, or Ku-band or X-Band Transmit/Receive Earth Station Antenna. Motorizable Tripod Mount with Az/El Jackscrews. AZ/EL Jackscrews 16 Piece Reflector Gregorian Subreflector and Struts THEODOLITE ALIGNMENT REQUIRED Compliant with ITU Pattern Requirement.		
1	4LPUNC-65	4-Port C-Band Linear Polarized Transmit/Receive Feed System. Use on 6.5 Meter (-2) Earth Station Antennas. Requires ES65-2 Antenna Operating Freq: 3.625-4.200 GHz Receive, CPR-229G Flange Operating Freq: 5.850-6.425 GHz Transmit, CPR-137G Flange 0.5 PSI Max Air Pressure to Feed 2.5 kW Maximum Power Per Port		
1	XAPC-76	C-Band Cross Axis and Polarization Axis Waveguide Kit 6.5M / 7.6M Earth Station Antennas For 2-Port RX/TX Feed Systems. One waveguide Run WR137G Waeguide Flanges Maximum Power Handling: Consult ASC Signal		
1	XAPC-76-UPG	C-Band Cross Axis and Polarization Axis Waveguide Kit 6.5M / 7.6M Earth Station Antennas For 4-Port RX/TX Feed Systems. For 4-Port Operation, Order XAPC-76 and XAPC-76-UPG WR137G Waeguide Flanges Maximum Power Handling: Consult ASC Signal		
1	LRK9	Lightning Rod Kit, 4.9/5.6/6.5/7.3/7.6/8.1/9.3/9.4 Meter Earth Station Antennas		
1	CNTPCK-MED	Service to pack product into a 40 foot shipping container at ASC Signal dock. Includes material necessary to secure product in anticipation of shipment.		
FOUNDATION HARDWARE				\$3,050.00
1	201630	Anchor Bolt Kit For 5.6 thru 7.6 Meter Earth Station Antennas with Tripod Mounts and ES45T-HW-1, 4.5 M High Wind Antenna.		
1	206505	Anchor Bolt Template for 5.6 thru 7.6 Meter Earth Station Antennas with Tripod Mounts and ES45T-HW-1 4.5M High Wind Antenna.		

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NGC CONTROLLER and MOTORIZATION	\$44,506.00
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		INDOOR	
1	NGC-IDU	NGC RACK MOUNTED ANTENNA CONTROLLER W/LCD TOUCH Used with: All NGC-ODU's Requires: NGC-ODU, NGC-IFL KIT Includes: Indoor Rack Mount Controller (3RU), Power Supply LCD Touch Panel & Keyboard, NGC-001, NGC-101, NGC-106	
1	NGC-102	Smart Track Software	
1	NGC-004-02	NGC IDU, L-BAND INTERNAL BEACON RECEIVER Requires: NGC-IDU Dual Independent Tuning N-Type RF Inputs Input is 930-2300 MHz -10 to -100 Input Levels -30dBm down to -100dBm 35 dB/Hz Threshold Sensitivity	
		OUTDOOR	
1	NGC-ODU-380-5	NGC OUTDOOR CONTROLLER FOR FIXED ANTENNA SYSTEMS Used with: 5.6 - 9.4M Fixed Antennas Requires: NGC-IDU, NGC-IFL, NGC-MKx NGC Outdoor Azimuth & Elevation Controllers Includes: Cables, Mounting Hardware Specs: 380 -460 VAC, 3 Phase 50/60 Hz. 4 Conductor (3 ph Delta + safety Ground) or 5 Conductor (3 ph WYE + safety ground). Operating Temperature: -10°C to +50°C (14°F to 122°F) Not Compatible with Ka Band Operation	
1	NGC-IFL-50M	NGC FIBER OPTIC INTERFACILITY CABLING, 50M, FIXED ANTENNA Used with: NGC Outdoor to NGC Indoor Controller Requires: NGC-IDU, NGC-ODU Includes: 50m Fiber Optic Duplex Cable Cable Management kit Notes: Ruggedized cable with pre-installed connectors.	
1	NGC-MK7	NGC VARIABLE SPEED MOTORIZATION KIT, AZIMUTH AND Used on 5.6m/6.5m/7.3m/7.6m Fixed Antennas. Specs: Fast 0.5 Degrees/Second, Az/EI Slow, 0.05 Degrees/Second, Az/EI	



ASC SIGNAL CORPORATION

1120 Jupiter Road
Plano, Texas 75074
USA



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1	NGC-PK9DRA	Dual Reflector Polarization Drive Kit. 4.9M, 6.5M, 7.3M, 7.6M, Compatible with NGC-ODU & NGC-LTE-ODU Only Requires Firmware Version E for NGC-IDU or any version of NGC-IDU-LTE For 4.9m antennas this pol drive is compatible only for new orders. Nominal Speed: 1 deg/sec Not compatible with 4.9M shipped prior to February 2012		
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NGC ONLINE TRAINING	\$1,300.00
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1	ASC701	On Line Training: NGC System Overview and Monitoring		
1	ASC702	Online Training: Using an NGC System in Fixed Antenna		
1	ASC704	Administering NGC systems and Configuring Advanced Tracking Modes		
		Prerequisites: ASC701/702		

Dehydrator consisting of:	\$6,230.00
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1	7581535	DEHYDRATOR KIT, INDOOR Includes: Dehydrator, indoor, 0.5 PSI, Ethernet, Qty 1 Polyethylene tube, BLK, 3/8" OD, 250FT, Qty 1 Compression Male 1/8" NPT – 3/8" OD tubing – straight, brass, Qty 2 Elbow, Compression Male 1/8" NPT – 3/8" OD tubing, brass, Qty 1 Tape, teflon, Qty 1		
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TOTAL:	\$165,894.00
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Antenna Product Accessories

ANTENNA ACCESSORIES

1	MANPL7	Maintenance Platform and Ladder Kit, 5.6/6.5/7.3/7.6 Meter Earth Station Antennas. May not be compatible with Walton De- icing Systems.. Azimuth Range: 120 Degrees Elevation Range: 90 degrees		\$7,000.00
1	ANTGND-9	Foundation Installed Grounding Kit. 5.6/6.5/7.3/7.6/8.1/9.3/9.4 Meter Antennas		\$1,717.00



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QTY	PART NUMBER	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	201769	Elevation Handwheel Kit for 5.6/7.3/7.6 Meter and Azimuth/Elevation Handwheel for the 9.3 Meter Earth Station Antenna. NOTE: 2 each required for the 9.3 Meter. NOTE: Cannot be used with High Speed Motorization.		\$530.00
1	201887	Azimuth Handwhell kit for 5.6, 6.5, 7.3, 7.6m Earth Station Antenna. Cannot be used with high speed motorization.		\$550.00
1	ANGVERN-7	Manual Angle Indicator for 5.6/6.5/7.6m Earth Station Antennas. To determine Azimuth and Elevation Angles.		\$1,097.00

NOTES:

- 1- THIS QUOTATION IS SUBJECT TO ASC SIGNAL STANDARD CONDITIONS OF SALE ATTACHED
 - 2- PRICES QUOTED ABOVE ARE IN US DOLLARS. THEYDO NOT INCLUDE FREIGHT OR TAXES.
 - 3- AVAILABILITY FOR SHIPMENT FROM THE FACTORY WILL BE DETERMINED AFTER RECEIPT OF FORMAL ORDER AND IS SUBJECT TO PRIOR SALES. AVAILABILTY IS TYPICALLY 12 WEEKS ARO INCOTERMS EXW WHITBY ONTARIO - CANADA
 - 4- PRICES SHOWN DO NOT INCLUDE INSTALLATION. CONTACT YOUR ASC SIGNAL REPRESENTATIVE FOR INSTALLATION PRICING.
 - 5- THIS QUOTATION IS VALID FOR THIRTY (60) DAYS.
- THANK YOU FOR THE OPPORTUNITY TO QUOTE ASC SIGNAL PRODUCTS