

**KSU RFP 11877 - Valid 5 Years**

**Ku-BAND TWTs / UPC's / POWER CONTROL / 1:1 CONFIGURATION**

Item	Qty			
1	1	LOT Dual TWTA HPAs w/1:1 Switching, Port Perm Switches/Loads, VPC, Installed	96,700	96,700
2	2	TANDBERG E5740 2 RU 70 IF SD Encoders (Upgradeable to MP4/HD/DVB-S2)	23,770	47,540
3	2	70 MHz to Ku-Band Agile UPC, Miteq 9956-6-1K w/Opt: L Band Monitor Out	9,070	18,140
4	2	TANDBERG RX1290 Integrated Receiver/Decoder	5,470	10,940
5	2	Waveguide Rotary Joints	470	940
6	1	On-Site Installation w/ECC Technical Assist	3,510	3,510
7	1	On-Site Installation Expenses w/ECC Technical Assistant	1,640	1,640
8	1	LOT : Warrantee 12 Months Labor / 18 Months Parts	N/C	<u>N/C</u>
			<b>Subtotal</b>	<b>179,410</b>
CR1	2	Credit 200W TWTA - 20 Years Old MCL 10936	-2,000	-4,000
CR2	1	Credit LOT: 2 Analog LVE-14's w/SA ATIS	-1,000	-1,000
CR3	2	Dummy Loads to Use in Switchover	-400	<u>-800</u>
			<b>Credit Subtotal</b>	<b>-5,800</b>
<b>Project Total</b>				<b>173,610</b>
HVAC / Electrical / Permits / Sales & Use Taxes, if Applicable, are Not Included				

<b>Terms:</b>	Downpayment to Pinzone Initiate Engineering & Equipment Requisitions	32,350
	Immediately Upon Shipment Confirmation from MCL / MITEQ: EFT to MCL	81,900
	Immediately Upon Shipment Confirmation from Tandberg: EFT to TBC	59,360
	Balance Due Upon Completion	5,800
	Credit for Working Condition Items Taken In Trade	-5,800

**Options:**

Item	Qty			
A	1	Satellite ID/Automatic Ant Positioning System: RC3000/w/FG/GPS/DVB-ID	12,800	12,800
B	1	Automatic Uplink Power Control System-4 Channel, w/L-Beacon Receiver	25,320	25,320
C	1	Extended Warrantee Service	2010-2011	11,500
C	1	Extended Warrantee Service	2011-2012	11,500
C	1	Extended Warrantee Service: for each year thereafter for up to 5 years	12,500	12,500

**Future Upgrades - Valld 5 years, proportionally less for any future published price reductions**

Pricing reflects a minimum 2% discount for prepaid orders off of published end-user pricing.

1	Upgrade Modulator from DVB to DVBS2	2,890	2,890
1	Upgrade Encoder to HD	19,000	19,000
1	Upgrade Encoder to MPEG-4 SD	13,600	13,600
1	Upgrade Encoder to MPEG-4 HD	49,900	49,900
1	Upgrade RX1290 to Selectable DVB/DVB-S2	430	430
1	Add for EACH turnaround submission for Upgrade(s)	700	700
0	Installation, per day	750	0
0	Travel time, per day	450	0
0	Per Diem at IRS published rates (pub 1792), currently for Manhattan, Kansas	109	0
0	Transportation \$1.50 per mile, one way, or actual airfare + 0%		

**PINZONE ENGINEERING GROUP, Inc.**

**Basil F. Pinzone, Jr.**  
President/Systems Engineer

Pinzone Engineering Group, Inc  
10142 Fairmount Road Newbury Oh 44065  
304 368 7950 Fax 440 729 5591

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**Adtec Digital Encoder:**

2 EN80-02 WITH IF MODULATOR	21,644	43,288
2 EN80-M4-CHR 420E KEY	3,570	7,140
2 EN80-M4-CHR-422E KEY	1,020	2,040
2 EN80-MOD-8PSK-KEY	1,448	2,896
1 Shipping	145	145
<b>SUBTOTAL</b>		<b>55,509</b>

**ADTEC Decoder:**

2 RD60-04-DMOD-STD (LB,S/S2, Q/8PSK)	5,528	11,056
2 RD60-M4-CHR-420D-KEY	1,020	2,040
2 RD60-M4-CHR-422DD-KEY	510	1,020
1 Shipping	145	145
<b>SUBTOTAL</b>		<b>14,261</b>

TERMS: 98% to Ship, Bal on Del'y

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