

WSWHE-BOCES

Technical Services

27 Gick Rd., Saratoga Springs, NY 12866
Phone: 518 581-3780 Fax: 518 581-3789
www.wswheboces.org

Estimate

March 11, 2009

To:

Stillwater Central School District
Attn: Chris Lynch

Location:

Middle and High School TV System

Job

Prepared By

43186

Roger Hightower

Scope:

1. To provide a convenient, mobile production cart for Local Origin TV sources.
2. Careful attention to the return path (sub-band) channel and the subsequent forward viewing channel must be maintained. There will probably involve some unplanned modifications to the existing cable plant to make this all work.
3. As discussed, classrooms which require moving or installation of cable TV outlets will require 2hrs labor and \$25.00/parts ea.
4. No video or audio sources are specified. Modulator inputs are base-band.
5. System will output on existing Channels Between 60 and 70, local Cable.

Mobile Cart Equipment

<u>QTY</u>	<u>Item</u>	<u>Description</u>	<u>Note</u>	<u>Price</u>	<u>Total Price</u>
1	BTL11400100	Blonder Tongue: AM-60-550B, agile modulator. (W/OPT.47)		800.00	800.00

1	BTL61900100	Blonder Tongue: DSV-42, SUB/VHF diplexer. (4376)		40.00	40.00
1	SCM268	Shure Microphone Mixer 4 channel mic/line		300.00	300.00
1	PD915R	Mid Atlantic Power Center 9 outlet, 15 AMP		90.00	90.00
1	W54TVACE	Wilson Cart w/lower cabinet		600.00	600.00
LOT	Material	Patch cables, hardware, fittings & fasteners		200.00	200.00
SUB TOTAL					2030.00

Distribution & Headend Equipment

<u>QTY</u>	<u>Item</u>	<u>Description</u>	<u>Note</u>	<u>Price</u>	<u>Total Price</u>
1	BTL11908025	FA3M-50-860 59713B Agile Frequency Modulator, 3-Channel		1,213.80	1,213.80
1	BTL13500020	Blonder Tongue AD-1B (w/opt.17) 5932 Demodulator		675.00	675.00
1	BTL61900100	Blonder Tongue: DSV-42, SUB/VHF diplexer. (4376)		40.00	40.00
1	5KHP-50(4)	Microwave Filter Company: RF filter, hi-pass.	1		15.00
1	GAMCO...619	GAMCO CH 61-69 STOP FILTER	2	70.00	70.00
1	GAM14100600	619LP CH 60 LOW PASS FILTER	3	25.00	25.00
1	SWR-10-17	Sectional Wall Rack, 10space, 17" deep		300.00	300.00
1	VS-6YC	Kramer Matrix 4X4 AV Switch (Rack MT)	1	600.00	600.00
SUB TOTAL					2938.80

Note:

1. Blocks sub-band @ CATV demarcation point.
2. Removes Channels 61 thru 69 from Cable TV.
3. Blocks Channels above channel 60 from Cable TV.

Summary

1. Basic Mobile Cart with Sub channel transmitter. (Ready For Tricaster).....	\$2030.00
2. Headend Distribution Equipment.....	\$2938.80
TOTAL	\$4938.00

NOTE:

1. Video switch recommended for use at Headend to allow source selection to each of the 3 new channels and to a selectable 4th output for possible recording or viewing at that location. A second switch could be added to the cart for basic switching w/o Tricaster on Cart.
2. As discussed cable relocation will use existing wiremold when possible.