

Skyline Tower Service Inc.

146 Keystone Drive Telford, Pa. 18969 (215) 257-0155 (215) 646-2613 Fax (215) 257-0157

SECTION 4- Cost Proposal (Section 4.4.4)



State of New Jersey

DEPARTMENT OF THE TREASURY
DIVISION OF PURCHASE AND PROPERTY
P. O. BOX 230
TRENTON, NEW JERSEY 08625-0230
(609) 984-9703

JAMES E. MCGREEVEY
Governor

JOHN E. MCCORMAC CPA
State Treasurer

February 23, 2004

Ref: 04-X-35086
Tower Maintenance
Original Bid Opening Date: February 25, 2004
Revised Bid Opening Date: March 18, 2004

Addendum No. 2

Attached is an equipment list which is to be included as part of Schedule C, Equipment Pricing. Bidders are to provide pricing for these items.

Sincerely yours,

Toni Lello
Purchase Bureau

Skyline

SCHEDULE A

LAND MOBILE TOWERS

MISCELLANEOUS REPAIRS SUCH AS SPOT WELDING OF CROSS MEMBER, TIGHTENING OF LOOSE BOLTS AND GENERAL MAINTENANCE SHALL BE QUOTED AT COST PER HOUR OF CREW.

MINIMUM CREW SIZE: TWO MEN

FIRST SHIFT i.e. 8:00 am to 4:00 pm

\$ 160.00 per hour.

SECOND SHIFT i.e. 4:00 pm to midnight

\$ 240.00 per hour

THIRD SHIFT i.e. midnight to 8:00 am

\$ 320.00 per hour.

OVERTIME FIRST TWO HOURS

\$ 120.00

OVERTIME ABOVE 10 HOURS

\$ 160.00

COST PER HOUR, EACH ADDITIONAL MAN

FIRST SHIFT

\$ 80.00

SECOND SHIFT

\$ 120.00

THIRD SHIFT

\$ 160.00

TRAVEL TIME/COSTS

PER HOUR \$ 80.00 up to four hours
(State will only authorize 4 hours of travel time one way)

Skyline

SCHEDULE B

BROADCAST TELEVISION TOWERS

MISCELLANEOUS REPAIRS SUCH AS SPOT WELDING OF CROSS MEMBER, TIGHTENING OF LOOSE BOLTS AND GENERAL MAINTENANCE SHALL BE QUOTED AT COST PER HOUR OF CREW.

MINIMUM CREW SIZE: TWO MEN

FIRST SHIFT i.e. 8:00 am to 4:00 pm \$ 160.00

SECOND SHIFT i.e. 4:00 pm to midnight \$ 240.00

THIRD SHIFT i.e. midnight to 8:00 am \$ 320.00

OVERTIME FIRST TWO HOURS \$ 120.00 per hour per man

OVERTIME ABOVE 10 HOURS \$ 160.00 per hour per man

COST PER HOUR, EACH ADDITIONAL MAN

FIRST SHIFT \$ 80.00

SECOND SHIFT \$ 120.00

THIRD SHIFT \$ 160.00

TRAVEL TIME/COSTS

PER HOUR \$ 80.00 up to four hours
(State will only authorize 4 hours of travel time one way)



SCHEDULE "C"

Equipment Pricing

**Land Mobile Towers
And
Broadcast Television Towers**

Vendors are to list equipment pricing below: Vendors may attach additional sheets

Equipment	Pricing
<i>See Attached List</i>	

ADAPTERS:			CABLE: PER. FT.		
1"-2" Round Member-10PK.	13.25		LDF4-50A	1.60	1/2"
2" - 3" Round Member 10PK.	13.25		LDF5-50A	3.70	7/8"
3" - 4" Round Member 10PK.	13.25		LDF6-50A	7.16	1 1/4"
4"-5" Round Member 10PK	13.25		LDF7-50A	9.60	1 5/8"
5"-6" Round Member 10PK.	13.25		RG8	1.21	
6"-8" Round Member 10PK.	13.25		Messenger	1.70	1/8"
Galv Adapter Bracket	106.00				
SS Adapter Bracket	106.00		MICROWAVE CABLE:		
Universal Angle Adapters 10PK	46.00		EW52		17.30
Coax Support Box (galv.)	320.00		EW63		15.00
			EW90		14.10
			EW127A		12.09
ANTENNAS:					
HF long wire antennas	240.00				
SRL210C4	324.00				
ASP680	364.00				
DB201	357.00		CLAMP SETS:		
DB205	350.35		VCCS-4	8" x 6"	?
DB205-L	350.35		VCCS-6	18" x 8"	?
DB212	686.00		VCCS-9	18" x 12"	?
DB408	378.00				?
DB420-B	1155.00		CONNECTORS:		
DB806	905.00		L4N M/F	1/2"	27.50
DB809 K	964.00		L44P M	1/2"	22.23
DB810	1096.00		L44U F	1/2"	20.65
DB812	2025.00		L5PN M/F	7/8"	36.00
DB812K	2025.00		L6PN M/F	1 1/4"	112.15
PD201	250.00		L7PN M/F	1 5/8"	158.50
PD220	626.75		RG8		
PD455	766.00				
PD1142	500.50		CONNECTORS & PRESSURE WINDOWS:		
PD1167	247.50		EW52 Connector	Square	455.00
PD1610	306.50		EW52 Connector	Round	465.00
PD10108	247.50		EW52	Pressure Window	60.00
			EW63 Connector	Round	285.00
BUSS BARS:			EW63 Connector	Square	310.00
Copper	14.40	2" x 10"	EW63	Pressure Window	60.00
Copper	15.10	2" x 12"	EW90 Connector	Square	455.00
Copper	20.15	2" x 14"	EW90	Pressure Window	60.00
Copper	32.60	4" x 12"	EW127 Connector	Square	285.00
Copper	33.00	4" x 14"	EW127 Connector	Square	285.00
Copper	39.00	4" x 24"	EW127	Pressure Window	60.00
Copper		4" x 32"			
CRIMP ON LUGS:			JUMPERS: TYPE-N & DIN		
#2 AWG-2 hole lug	2.95		RG8 Jumpers	18"	1.15 per ft.
#2 Solid-2 hole lug	2.95		3'	1/2"	87.00

#6 AWG-2 hole lug	\$17.00		6'	?	1/2"
#6 AWG-Universal lug	\$17.00		8'	?	1/2"
Crimp Splices	\$5.50		10'	?	1/2"
C- Crimps 25 PK.	134.00				
FLEX 2 FOOT (2') JUMPERS:					
DEHYDRATOR SYSTEMS:			EW52	\$620.00	
Dehydrator	\$2950.00		EW63	\$510.00	
Polyethylene Tubing Per. ft.	36		EW90	\$530.00	
3/8" Male Elbow Connector	3.85		EW127	\$410.00	
Manifold	170.00				
Needle Valve	10.20		LIGHTING:		
3/8" Male Connector	3.85		Beacon Bulbs		
Wall Shelf	165.00		Sidemarkers	\$2.50	
Low Pressure Alarm	120.00		Flash Tube	\$580.00	
ENTRY'S:			Light Shield Mount	?	
4" Entry Boot & Assembly	\$18.00		Single Red Light Fixture	75.00	
5" Entry Boot & Assembly	19.81		Control Cable (price per foot)	2.00	
ENTRY PANELS:			LIGHTING SYSTEMS & ACCESSORIES:		
Single Port	\$27.00		FTB311 System:		
Two Port	47.00	1x2	308 Flash Head	1500.00	
Three Port	63.00	1x3	PC311 Controller	2950.00	
Four Port	80.00	1x4	FTB310 System:		
Four Port	80.00	2x2	308 Flash Head	\$1500.00	
Six Port	118.00	2x3	PC310 Controller	2800.00	
Eight Port	153.00	2x4	FTB312 System:		
Nine Port	170.00	3x3	306 Flash Head	3500.00	
Ten Port	236.00	2x5	PC312 Controller	3600.00	
Twelve Port	236.00	3x4	FH308 Flash Head Spare Parts:		
Sixteen Port	306.00	4x4	Flashtube	470.00	
GROUNDING:			Trigger Transformer	180.00	
Universal GND Kit	22.75		RC101 Network	20.00	
Cadweld #65	4.15		RC102 Network	20.00	
Cadweld # 90	5.81		Coupling Transformer	60.00	
GROUND RODS (8' RODS):			Ceramic Spacer 1/2" Dia.	4.00	
8' - 10'	\$17.00	5/8"	Ceramic Spacer 1/2" Dia. Tall	4.00	
8' - 10'	\$32.00	3/4"	Ceramic Spacer 3/4" Dia.	5.00	
			Flashtube Socket/Lugs	6.00	
GROUND ROD CLAMPS:			FH306- SINGLE TUBE FLASHHEAD:		
Copper Alloy	\$10.10	1/2"	Flashtube	470.00	
Copper Alloy	\$10.10	5/8"	Trigger Transformer	180.00	

Galv Steel	5/8"	RC101 Network	20.00
		RC102 Network	20.00
HOISTING GRIPS:		Coupling Transformer	60.00
1/2"	14.25	Ceramic spacer, 1/2" Dia. (short)	4.00
7/8"	20.16	Ceramic spacer, 1/2" Dia. (tall)	4.00
1 1/4"	21.35	Ceramic spacer, 3/4" Dia.	5.00
1 5/8"	25.15	Flashtube socket/lugs	6.00
2 1/4"	41.27	Side marker bulbs	2.50
		Side marker red lens	23.00
LIGHTING SYSTEMS & ACCESSORIES:			
		LIGHTNING PREVENTION SYSTEMS:	
PC-311-3 Controller Spare Parts:		(all materials listed are needed for 1 install)	
Capacitor, 70mf, 1kv	38.00	3- LPS-ALS Elements	
Capacitor, .5, 1.8kv	36.00	1-Lot Of Attachment Wire	
Capacitor, 3mf, tuning, 1kv	34.00	3 Lots Mounting Hardware	
Fuse, Power MDL8, 120V	8.00	3- 2' Side Mounts	
Fuse, Marker MDL5	8.00		
Fuse, Beacon MDL20	8.00	LIGHTNING RODS:	
Relay, mode, 24V	68.00	Solid Copper	1/2" x 2'
Relay, discharge, 120V	68.00	Solid Copper	1/2" x 4'
Timing & Trigger Board	695.00	Galv Steel	5/8" x 4'
Timing & Trigger Board	695.00		
HV Rectifier Board	180.00	LIGHTNING RODS:	
Metal Oxide Varistor, 120V	18.00	Copper Clad	5/8" x 8'
		Galv Steel	5/8" x 10'
310-4 Spare Parts:			
Capacitor, 70mf, 1kv	38.00	LINE HANGERS:	
Capacitor, 40mf, 1kv	36.00	Snap-in: 10PK-	15.60 1/2"
Capacitor, .5mf, 1.8kv	35.00		19.40 7/8"
Capacitor, 3mf, 1kv	34.00		19.43 1 1/4"
Fuse, Power, MDL8, 120V	8.00		19.43 1 5/8"
Relay, mode, 24V	68.00		24.65 2 1/4"
Relay, discharge	68.00	Bolt-on: 10PK-	13.85 1/2"
Marker Relay, 24V	48.00		16.40 7/8"
Timing & Trigger Board	695.00		16.40 1 1/4"
HV Rectifier Board	180.00		17.68 1 5/8"
Interlock Switch	22.00		15.45 2 1/4"
Metal Oxide Varistor, 120V	18.00		
Metal Oxide Varistor, 240V	18.00		

1,059.00

ITEM	Cost	
7/8" foam heliax	per foot	# 3.70
1&1/4" foam heliax	per foot	7.16
1&5/8" foam heliax	per foot	9.80
7/8" air heliax	per foot	8.05
1&5/8" air heliax	per foot	17.20
2&1/4" air heliax	per foot	24.00
3" air heliax	per foot	29.70
4" air heliax	per foot	32.00
7/8 EIA flange conn for 7/8" foam	Each	36.00
7/8 EIA flange conn for 7/8" air	Each	132.00
7/8 EIA flange conn for 1&1/4" foam	Each	112.15
7/8 EIA flange conn for 1&1/4" air	Each	400.00
7/8 EIA flange conn for 1&5/8" foam	Each	158.50
7/8 EIA flange conn for 1&5/8" air	Each	355.00
Type "N" male conn for 7/8" foam	Each	158.50
Type "N" male conn for 7/8" air	Each	119.00
1&5/8" EIA flange conn for 1&5/8" foam	Each	268.00
1&5/8" EIA flange conn for 1&5/8" air	Each	309.00
1&5/8" EIA flange conn for 2&1/4" air	Each	350.00
3" EIA flange conn for 2&1/4" air	Each	465.00
3" EIA flange conn for 3" air	Each	672.00
3" EIA flange conn for 4" air	Each	672.00
7/8" hanger & angle mounting kits kits	pkgs of ten	73.37
7/8" ground kit	Each	30.00
7/8" hoisting grip	Each	29.00
1&1/4" hanger& mounting kits kits	pkgs of ten	37.10
1&1/4" ground kit	Each	32.00
1&1/4" hoisting grip	Each	42.00
1&5/8" hanger& mounting kits kits	pkgs of ten	37.10
1&5/8" ground kit	Each	32.00
1&5/8" hoisting grip	Each	51.00
2&1/4" hanger& mounting kits kits	pkgs of ten	39.20
2&1/4" ground kit	Each	33.00
2&1/4" hoisting grip	Each	85.00
3" hanger& mounting kits kits	pkgs of ten	70.00
3" ground kit	Each	33.00
3" hoisting grip	Each	78.00
4" hanger& mounting kits kits	pkgs of ten	65.00
4" ground kit	Each	41.00
4" hoisting grip	Each	78.00
Tower lighting		
110 watt incandesant side bulbs	Each	2.50
Strobe tubes Flash FTB205A	Each	470.00
Strobe tube top beacon FTB300	Each	700.00
Strobe tubes Flash Series 2000/3000	Each	570.00
Strobe tube top beacon Series 2000/3000	Each	570.00