

05/19/98 14:09
MAY-19-1998 15:07

P.01

**ADCO ELECTRICAL CORPORATION***Commercial—Industrial—Residential*

May 19, 1998

Ambassador Construction Company
317 Madison Avenue
New York, New York 10017380 Chelsea Road
Staten Island, New York 10314
Tel. (718) 494-4400
Fax: (718) 983-7519

ATTN: Mr. Martin Schneider

RE: **Mayors OEM**
7 World Trade Center
26th Floor (Revised)

Gentlemen:

We are pleased to submit our revised proposal for electrical work at the above mentioned project.
Our price is as follows:

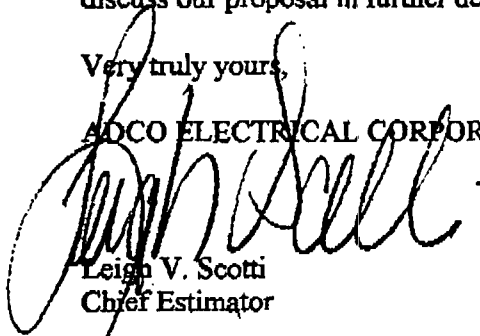
• Panels Feeders Service and Generator work	\$ 1,945,000.00
• Motors	115,000.00
• Fire Alarm	123,000.00
• Lighting	549,000.00
• Power on Floor	398,000.00
• Telecommunications	225,000.00
• Security, Audio Video	695,000.00
• Miscellaneous	<u>89,000.00</u>
TOTAL	\$ 4,139,000.00

Please review our attached sheet for qualifications.

Thank you for the opportunity to quote on this work. We look forward to meeting with you to
discuss our proposal in further detail.

Very truly yours,

ADCO ELECTRICAL CORPORATION


Leigh V. Scotti
Chief EstimatorLVS:sp
Attachment

4,139,000

MAY-19-1998 15:07

P.02

May 19, 1998

MAYORS OEM
7 WORLD TRADE CENTER
26TH FLOOR (REVISED)

QUALIFICATIONS:

1. We exclude any overtime with exception to coring. *final tie up*
2. We exclude stand-by for other trades.
3. No patching, painting or cleanup.
4. Patching and installing exterior walls and roof penetrations by others.
5. Price does not include transducers.
6. Antennae wiring by others.
7. Price includes installation of emergency generator switchgear only, (F.B.Q.). *Generators ?*
8. A/V wiring and connections by others. *?*
9. Space assumed to be free of any asbestos conditions and lead paint.
10. Labor rates effective thru June 11, 1999.

Sheet1

Electrical					
Temporary electrical lighting	45400sf	.75/sf	35000	31033	
generators 500KW/ 625KVA	3	120000	360000	-----	
testing			4000	2170	
rigging			80000	?	
generators switchgear			12500	12545	
switchboard rigging			12000	?	
Generator Work			?	60250	
Relocate work in Mech Room			?	60000	
800amps switchboard 277/480 volt	3	5000	15000	-----	
1000amps switchboard 277/480 volt	3	7000	21000	-----	
1600amps switchboard 277/480 volt	2	8000	16000	-----	
3.5" EMT w/4-500 MCM switchgear to 23rd fl.	2000LF	67/LF	135000	991000	←
3.5" EMT w/4-500 MCM	300LF	67/LF	20100	inc	
3.5" EMT w/4-500 MCM UPS		89/LF		inc	
3"EMT w/ 3-250 MCM	400	60/LF	24000	inc	
2.5"EMT w/4#3	700	50/LF	35000	inc	
2"RGC w/4-#1	100	30.5/LF	3050	inc	
1.5"RGC w/4#2	100	30/LF	3000	inc	
1.25"RGC w/ 4#4	140	25/LF	3500	inc	
Pull Boxes	71	750	55000	60000	
Core Drill + Fireproofing & Tap charges	200	320	60800	110000	
UPS	By Motorola- installation cost only			7676	
ups input switchboard	2			?	
ups hot tie amp				?	
UPS output switchboard Amp.				?	
UPS Disconnect Switch				?	
battery backup	2	10500	21000	?	
Raised floor Grounding			20000	19318	
Surge Protection			50000	?	
Connect Cooling Towers	2	1410	2820	?	
heat tracing			10000	15000	
Connect 2 EUH & 2 EHC, 6 fans, 6 water pumps	20	380	8000	inc in 84400	
4 fuel oil pumps,				inc in 84400	
Motors Starters and Disconnect	20	1400	28000	inc in 84400	
Connect 6 A/C Units	6	375	2400	84400	
A/C Disconnect Switches	6	580	3600	inc in 84400	
Lighting Protection			50000		
Electrical Lighting -23rd Fl	41760SF	\$8.5/SF	355000	543000	
Electrical Lighting-7th Fl	3676SF	\$4/SF	15000	included in 5	
Mezannine Lighting	360SF	\$10/SF	3600	included in 5	
Fire Alarm	45800SF	\$1.5/SF	69000	included in 5	
Power Panels	45800sf	\$3.8/SF	175000	included in 5	
Duplex outlets		125			
Fuel oil Leak Detection System			10000		
Power to leak detection			?	275	
fuel oil bell			?	12200	
Transformers 112.5KVA/ 480V primary, 120/208V	1		6300	6360	

Sheet1

Transformers 75 KVA	2	4600	9200	9300
Transformers 45 KVA	1		3600	3660
Transformers 30KVA	1		2500	2555
Transformers 37.5KVA	1		2800	2891
Transformers 15 KVA	1		2200	2289
Automatic Transfer Switch #1, 2000A		Prepurchased		3372
ATS # 2, 800A		9300	9300	1591
ATS # 3, 400A		5775	5775	1281
ATS #4,				
ATS #5, 200A		3990	4000	1049
ATS # 6, 200A			4000	1049
ATS # 7, 200A			4000	1049
ATS #8, 200A			4000	1050
ATS #9, 100A		2517	2500	1049
meter 2000A	1	3600	3600	3609
meter 800A	2	3000	6000	5340
meter 200A	2	2000	4000	4000
Service Switch Fuse 2000A	1	10000	10000	10076
tapping to existing			5000	5000
EDPH -23, 277/480V, 3Ph, 4W-	1		10000	22540
panel, 277/480V, 3 ph	6	3100	18600	inc in 136000
panel, 120/208 V, 42 CB	22	3000	66000	136000
bus ducts 800/600 A			11700	11700
panelboards 277/480V, 3pole, 4 wire 200A	19	2400	45600	
200 A Disconnect Switch				
Telephone riser + pull wires	700LF	45/LF	31500	224000
Tel outlets + Stubups	240	100	24000	137700
Tel /data cabling				198000
Furniture Devices				159000
Plugmold & Isoduct				16000
Eng & Drafting Tool- 2.5%			100000	90000
Cable/ tray				53000
Audio/ Visual				177000
Security System				176000
CCTV				22000
Fire Alarm			100000	114000
Preaction			10000	18000
Supervision	??			185000
total			2224545	3815377