



APPENDIX A

Medlar Field at Lubrano Park Project Summary Schedule



Medlar Field at Lubrano Park

University Park, PA



ID	Task Name	Start	Finish	Duration	2005												2006												2007					
					Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
1	DESIGN PHASE	Mon 1/10/05	Tue 11/29/05	227 days	DESIGN PHASE																													
2	DP 1 -- Sitework, Utilities, Paving	Mon 2/14/05	Thu 5/19/05	69 days	DP 1 -- Sitework, Utilities, Paving																													
3	DP 2 -- Structural Steel	Mon 3/14/05	Thu 6/16/05	68 days	DP 2 -- Structural Steel																													
4	DP 3 -- Exterior Systems	Mon 1/10/05	Fri 7/8/05	128 days	DP 3 -- Exterior Systems																													
5	DP 4 -- Interior Fit-Out	Mon 1/10/05	Tue 8/30/05	165 days	DP 4 -- Interior Fit-Out																													
6	DP 5 -- Stadium Seating and Aluminum	Mon 6/27/05	Thu 9/22/05	62 days	DP 5 -- Stadium Seating and Aluminum Grandstands																													
7	DP 6 -- Special Systems	Mon 6/27/05	Tue 11/29/05	108 days	DP 6 -- Special Systems																													
8	NEW BUILDING CONSTRUCTION	Wed 6/1/05	Mon 5/1/06	233 days	NEW BUILDING CONSTRUCTION																													
9	Start of On-Site Construction	Wed 6/1/05	Wed 6/1/05	1 day	6/1 ♦ Start of On-Site Construction																													
10	Sitework, Utilities, Paving	Wed 6/1/05	Fri 4/28/06	232 days	Sitework, Utilities, Paving																													
11	Structural Steel	Tue 11/1/05	Fri 1/20/06	55 days	Structural Steel																													
12	Topping Out	Fri 1/20/06	Fri 1/20/06	1 day	1/20 ♦ Topping Out																													
13	Cast-In-Place Concrete	Wed 7/20/05	Tue 3/28/06	175 days	Cast-In-Place Concrete																													
14	Masonry	Tue 9/20/05	Fri 2/24/06	110 days	Masonry																													
15	Roofing	Wed 10/26/05	Fri 4/28/06	128.56 days	Roofing																													
16	Elevators	Fri 2/10/06	Fri 4/14/06	46 days	Elevators																													
17	Playing Field	Tue 9/20/05	Fri 4/28/06	155 days	Playing Field																													
18	Landscaping and Plantings	Wed 3/1/06	Mon 5/1/06	44 days	Landscaping and Plantings																													
19	Glass and Glazing	Tue 1/3/06	Fri 4/28/06	84 days	Glass and Glazing																													
20	Metal Panels	Tue 1/3/06	Fri 3/31/06	64 days	Metal Panels																													
21	General Trades	Mon 9/12/05	Mon 5/1/06	162 days	General Trades																													
22	Plumbing	Wed 9/7/05	Mon 5/1/06	165 days	Plumbing																													
23	HVAC	Mon 9/26/05	Mon 5/1/06	152 days	HVAC																													
24	Fire Protection	Tue 11/1/05	Fri 4/28/06	125 days	Fire Protection																													
25	Electrical	Wed 9/7/05	Mon 5/1/06	165 days	Electrical																													
26	Scoreboard and Videoboards	Wed 3/1/06	Mon 5/1/06	44 days	Scoreboard and Videoboards																													
27	Sound System and Distributed TV	Wed 3/1/06	Mon 5/1/06	44 days	Sound System and Distributed TV																													
28	Stadium Seating	Wed 3/1/06	Mon 5/1/06	44 days	Stadium Seating																													
29	Aluminum Grandstand System	Thu 12/1/05	Mon 5/1/06	106 days	Aluminum Grandstand System																													
30	Signage and Graphics	Mon 2/20/06	Mon 5/1/06	50.81 days	Signage and Graphics																													
31	PUNCLIST / CLOSE-OUT	Mon 5/1/06	Mon 6/19/06	35 days	PUNCLIST / CLOSE-OUT																													
32	Certificate of Occupancy	Mon 5/1/06	Mon 5/1/06	1 day	5/1 ♦ Certificate of Occupancy																													
33	First Pitch	Mon 6/19/06	Mon 6/19/06	1 day	6/19 ♦ First Pitch																													



APPENDIX B

Medlar Field at Lubrano Park D4 Cost Estimating Comparison Print-Out

Parametric Estimate

Medlar Field at Lubrano Park - Jan 2006 - PA - Altoona

Prepared By: **Jason McFadden**
The Pennsylvania State University

University Park, PA 16802
(610) 914-8346 Fax:
 Building Sq. Size: **152194**
 Bid Date: **8/1/2005**
 No. of floors: **3**
 No. of buildings: **1**
 Project Height: **51**
 1st Floor Height: **17.4**
 1st Floor Size: **7678**

Prepared For: **Architectural Engineering CM Faculty**
The Pennsylvania State University
104 Eng. Unit A
University Park, PA 16802
(814) 865-6394 Fax:(814) 863-4789
 Site Sq. Size: **400000**
 Building use: **Recreational**
 Foundation: **CON**
 Exterior Walls: **MAS**
 Interior Walls: **MSD**
 Roof Type: **MET**
 Floor Type: **CON**
 Project Type: **NEW**

Division		Percent	Sq. Cost	Amount
00	Bidding Requirements	0.00	0.00	0
01	General Requirements	0.00	0.00	0
03	Concrete	27.16	31.76	4,834,226
	Concrete	27.16	31.76	4,834,226
04	Masonry	10.16	11.89	1,808,899
	Masonry	10.16	11.89	1,808,899
05	Metals	16.77	19.61	2,983,995
	Metals	16.77	19.61	2,983,995
06	Wood & Plastics	0.25	0.30	45,291
	Wood & Plastics	0.25	0.30	45,291
07	Thermal & Moisture Protection	4.16	4.87	740,603
	Thermal & Moisture Protection	4.16	4.87	740,603
08	Doors & Windows	2.74	3.20	487,715
	Doors & Windows	2.74	3.20	487,715
09	Finishes	7.73	9.04	1,376,191
	Finishes	7.73	9.04	1,376,191
10	Specialties	1.90	2.23	338,702
	Specialties	1.90	2.23	338,702
11	Equipment	1.98	2.32	353,193
	Equipment	1.98	2.32	353,193
12	Furnishings	4.46	5.21	793,166
	Furnishings	4.46	5.21	793,166
13	Special Construction	0.00	0.00	0
14	Conveying Systems	0.93	1.09	166,254
	Conveying Systems	0.93	1.09	166,254
15	Mechanical	9.36	10.94	1,665,498
	Mechanical	9.36	10.94	1,665,498
16	Electrical	12.38	14.48	2,204,136
	Electrical	12.38	14.48	2,204,136
Total Building Costs		100.00	116.94	17,797,869
02	Site Work	100.00	10.09	4,037,917
	Site Work	100.00	10.09	4,037,917
Total Site Costs		100.00	10.09	4,037,917

Sunday, October 2, 2005

Total Project Costs

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21,835,787