					Mat\Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.18	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	0	SF	$ 4.32	$ -	$ -	$ -
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	15,478	SF	$ 6.91	$ 106,983.94	$ 16,047.59	$ 123,031.53
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	2,500	SF	$ 2.41	$ 6,025.00	$ 903.75	$ 6,928.75
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	7,500	SF	$ 32.34	$ 242,550.00	$ 36,382.50	$ 278,932.50
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	4,000	SF	$ 5.39	$ 21,560.00	$ 3,234.00	$ 24,794.00
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	15,478	SF	$ 29.61	$ 458,303.58	$ 68,745.54	$ 527,049.12
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	15,478	SF	$ 3.95	$ 61,136.10	$ 9,170.72	$ 70,306.82
D5010	Elect Service - Distrib	800 Amp Service, Panelboard, Feeders	8,000	SF	$ 3.43	$ 27,440.00	$ 4,116.00	$ 31,556.00
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	0	SF	$ 18.27	$ -	$ -	$ -
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	3,500	SF	$ 8.86	$ 31,010.00	$ 4,651.50	$ 35,661.50
D5090	Emergency Backup	Emergency Generator and Transfer Switch	8,000	SF	$ 5.65	$ 45,200.00	$ 6,780.00	$ 51,980.00

	Component	Description of Element	Qty	Unit	Matl,Labor,Equip Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	8,000	SF	$ 47.32	$ 378,560.00	$ 56,784.00	$ 435,344.00
E1030	ADA Requirements	ADA Requirements for Staff and Inmates	7,500	SF	$ 9.00	$ 67,500.00	$ 10,125.00	$ 77,625.00
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	2,200	SF	$ 12.79	$ 28,138.00	$ 4,220.70	$ 32,358.70
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

Repairs and Deferred Maintenance Costs
Fort Hall Detention Center,
Fort Hall, Idaho

September 22, 2006

Project Summary	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Total Cost - Total of Hard and Soft Costs						$ 4,831,557.61
Total Facility Soft Costs - Items 1 through Item 10						$ 1,908,229.83
1. Reserve Fund - 10% of Building Hard Cost						$ 291,932.80
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b)						
1a Design Related Construction Contingency (5.0 % of Building Hard Cost)						
1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 233,056.24
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency - 7% of Building Hard Cost						$ 203,932.96
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 174,799.68
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 43,699.92
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

6. Pre-Construction Services			
6a. Design at Office	**18.00%**	$	524,399.04
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**	$	72,833.20
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**	$	87,399.84
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction		$	58,266.56
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance		$	174,799.68
Management Assistance during Construction - 6%			
8. M & I Government		$	14,566.64
One-Half percent of Building Hard Cost			
9. D & C - Government PC&S		$	14,566.64
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection		$	14,566.64
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup		$	2,913,327.98
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%		$	563,869.93
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs		$	2,349,458.05
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 2,349,458.05
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	5,000	SF	$ 3.00	$ 15,000.00	$ 2,250.00	$ 17,250.00
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	50	SF	$ 315.00	$ 15,750.00	$ 2,362.50	$ 18,112.50
B2030	Exterior Doors	Metal Doors	100	SF	$ 48.88	$ 4,888.00	$ 733.20	$ 5,621.20
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	10,750	SF	$ 3.57	$ 38,377.50	$ 5,756.63	$ 44,134.13
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.18	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	5,000	SF	$ 0.86	$ 4,300.00	$ 645.00	$ 4,945.00
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	10,750	SF	$ 4.32	$ 46,440.00	$ 6,966.00	$ 53,406.00
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	10,750	SF	$ 6.91	$ 74,304.00	$ 11,145.60	$ 85,449.60
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	10,750	SF	$ 2.41	$ 25,907.50	$ 3,886.13	$ 29,793.63
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	10,750	SF	$ 32.34	$ 347,655.00	$ 52,148.25	$ 399,803.25
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	10,750	SF	$ 5.39	$ 57,942.50	$ 8,691.38	$ 66,633.88
D2040	Rain Water Drainage	Roof Drains	10,750	SF	$ 0.51	$ 5,482.50	$ 822.38	$ 6,304.88
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	10,750	SF	$ 29.61	$ 318,307.50	$ 47,746.13	$ 366,053.63
D4020	Fire Protection	Standpipe and Hose System	10,750	SF	$ 0.39	$ 4,192.50	$ 628.88	$ 4,821.38
D4030	Fire Protection	Sprinklers	10,750	SF	$ 3.95	$ 42,462.50	$ 6,369.38	$ 48,831.88
D5010	Elect Service - Distrib	1000 Amp Service, Panelboard, Feeders	10,750	SF	$ 3.43	$ 36,872.50	$ 5,530.88	$ 42,403.38
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	10,750	SF	$ 18.27	$ 196,402.50	$ 29,460.38	$ 225,862.88
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	10,750	SF	$ 8.86	$ 95,245.00	$ 14,286.75	$ 109,531.75
D5090	Emergency Backup	Emergency Generator and Transfer Switch	10,750	SF	$ 6.65	$ 71,467.50	$ 10,723.13	$ 82,210.63

					Mat'l,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	10,750	SF	$ 47.32	$ 508,690.00	$ 76,303.50	$ 584,993.50
E1030	ADA Requirements	ADA Requirements for Staff and inmates	0	SF	$ 9.00	$ -	$ -	$ -
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	10,750	SF	$ 6.55	$ 70,412.50	$ 10,561.88	$ 80,974.38
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	10,750	SF	$ 5.85	$ 62,887.50	$ 9,433.13	$ 72,320.63

Repairs and Deferred Maintenence Costs
Fort Peck Law Enforcement Center
Poplar, Montana

September 22, 2006

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 3,544,733.41
Total Facility Soft Costs - Items 1 through Item 10						$ 1,402,900.53
1. Reserve Fund - 10% of Building Hard Cost						$ 214,183.29
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b)						
1a Design Related Construction Contingency (5.0 % of Building Hard Cost)						
1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 171,346.63
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency -7% of Building Hard Cost						$ 149,926.30
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 128,509.97
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 32,127.49
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

5. Pre-Construction Services		
5a. Design at Office	**15.00%**	$ 385,529.92
Architectural Design	2.75%	
Interior design	1.20%	
Civil Design	1.20%	
Structural Design	1.40%	
Mechanical Design	1.25%	
Electrical Design	1.25%	
Landscape Design	0.20%	
Specialty Security Design	1.25%	
Geotechnical Investigation	1.00%	
Structural Investigation	0.50%	
Hazardous Materials Consult/Investigation	1.00%	
5b. Site Investigations	**2.5%**	$ 53,545.82
Site Investigations	2.50%	
5c. Assistance prior to Construction	**3.00%**	$ 64,254.99
Estimating	2.00%	
Scheduling	0.70%	
Constructability Review	0.30%	
5d. Site Preparation, Demolition and Special Construction		$ 42,836.66
Site Preparation - 2% of Building Hard Cost		
7. Construction Management Assistance		$ 128,509.97
Management Assistance during Construction - 6%		
8. M & I Government		$ 10,709.16
One-Half percent of Building Hard Cost		
9. D & C - Government PC&B		$ 10,709.16
One-Half percent of Building Hard Cost		
10. D & C - Government Travel and Inspection		$ 10,709.16
One-Half percent of Building Hard Cost		
Total Building Hard Cost incl Gen Contr. Markup		$ 2,141,832.88
General Contractor's		
Gen Cond, Bond, Overhead and Profit 22%		$ 414,548.30
Construction General Cond, Overhead and Profit - Total	24.0%	
Profit	10.00%	
Overhead	8.00%	
Insurance	1.25%	
Bond	2.40%	
General Conditions	2.30%	
Subcontractor's Costs		$ 1,727,284.58
Including Markup, from next page		
Special Structures		

	Component	Description of Element	Qty	Unit	Matl,Labor,Equip Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 1,727,284.58
	Demolition of Existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	6,000	SF	$ 22.58	$ 135,450.00	$ 20,317.50	$ 155,767.50
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 8.94	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	0	SF	$ 3.57	$ -	$ -	$ -
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	0	SF	$ 4.32	$ -	$ -	$ -
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	0	SF	$ 8.91	$ -	$ -	$ -
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	0	SF	$ 2.41	$ -	$ -	$ -
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	12,907	SF	$ 32.34	$ 417,412.38	$ 62,611.86	$ 480,024.24
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	6,000	SF	$ 5.39	$ 32,340.00	$ 4,851.00	$ 37,191.00
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	0	SF	$ 29.61	$ -	$ -	$ -
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	1600 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	0	SF	$ 18.27	$ -	$ -	$ -
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	12,907	SF	$ 8.86	$ 114,356.02	$ 17,153.40	$ 131,509.42
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	**Specialties**							
E1020	Specialty Equipment	Ancillary Equipment	12,907	SF	$ 47.32	$ 610,759.24	$ 91,613.89	$ 702,373.13
E1030	ADA Requirements	ADA Requirements for Staff and Inmates	12,907	SF	$ 9.00	$ 116,163.00	$ 17,424.45	$ 133,587.45
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	0	SF	$ 12.79	$ -	$ -	$ -
F	**Special Construction**							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	12,907	SF	$ 5.85	$ 75,505.95	$ 11,325.89	$ 86,831.84

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 2,960,033.03
Total Facility Soft Costs - Items 1 through Item 10						$ 1,171,483.43
1. Reserve Fund - 10% of Building Hard Cost						$ 178,853.66
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency - (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						$ 143,083.17
3. Construction Contingency -7% of Building Hard Cost Construction Contingency during construction - 7.0 % of Building Hard Cost						$ 125,197.77
4. Location Factor - 6% of Building Hard Cost Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						$ 107,312.38
5. Time Factor Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						$ 26,828.09

6. Pre-Construction Services			
6a. Design at Office	18.00%		$ 321,937.13
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	2.5%		$ 44,713.49
Site Investigations	2.50%		
6c. Assistance prior to Construction	3.00%		$ 53,656.19
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction			$ 35,770.79
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance			$ 107,312.38
Management Assistance during Construction - 6%			
8. M & I Government			$ 8,942.70
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B			$ 8,942.70
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection			$ 8,942.70
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup			$ 1,788,539.59
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%			$ 346,168.95
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs			$ 1,442,370.64
Including Markup, from next page			
Special Structures			

Repairs and Deferred Maintenance Costs
Fort Totten Law Enforcement Center
Spirit Lake Nation, North Dakota

September 22, 2006

	Component	Description of Element	Qty	Unit	Mat|Labor|Equip Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 1,442,370.64
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	20	SF	$ 315.00	$ 6,300.00	$ 945.00	$ 7,245.00
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	3,500	SF	$ 3.57	$ 12,495.00	$ 1,874.25	$ 14,369.25
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

Repairs and Deferred Maintenance Costs
Fort Totten Law Enforcement Center
Spirit Lake Nation, North Dakota

September 22, 2006

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	3,000	SF	$ 4.32	$ 12,960.00	$ 1,944.00	$ 14,904.00
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	3,000	SF	$ 8.91	$ 20,736.00	$ 3,110.40	$ 23,846.40
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	3,500	SF	$ 2.41	$ 8,435.00	$ 1,265.25	$ 9,700.25
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	7,572	SF	$ 32.34	$ 244,878.48	$ 36,731.77	$ 281,610.25
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	7,572	SF	$ 5.38	$ 40,813.08	$ 6,121.96	$ 46,935.04
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	7,572	SF	$ 29.61	$ 224,206.92	$ 33,631.04	$ 257,837.96
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	400 Amp Service, Panelboard, Feeders	7,572	SF	$ 8.58	$ 64,929.90	$ 9,739.49	$ 74,669.39
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	7,572	SF	$ 18.27	$ 138,340.44	$ 20,751.07	$ 159,091.51
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	0	SF	$ 8.86	$ -	$ -	$ -
D5090	Emergency Backup	Emergency Generator and Transfer Switch	7,572	SF	$ 7.09	$ 53,685.48	$ 8,052.82	$ 61,738.30

	Component	Description of Element	Qty	Unit	Matl,Labor,Equip Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	7,572	SF	$ 47.32	$ 358,307.04	$ 53,746.06	$ 412,053.10
E1030	ADA Requirements	ADA Requirements for Staff and inmates	7,572	SF	$ 9.00	$ 68,148.00	$ 10,222.20	$ 78,370.20
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Serve Equipment	0	SF	$ 6.55	$ -	$ -	$ -
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 3,163,652.22
Total Facility Soft Costs - Items 1 through Item 10						$ 1,252,079.88
1. Reserve Fund - 10% of Building Hard Cost						$ 191,157.23
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b)						
1a Design Related Construction Contingency: (5.0 % of Building Hard Cost)						
1b Hazardous Material Abatement Contingency: (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 152,925.79
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency - 7% of Building Hard Cost						$ 133,810.06
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 114,694.34
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 28,673.59
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

6. Pre-Construction Services		
6a. Design at Office	**18.00%**	$ 344,083.02
Architectural Design	2.75%	
Interior design	1.20%	
Civil Design	1.20%	
Structural Design	1.40%	
Mechanical Design	1.25%	
Electrical Design	1.25%	
Landscape Design	0.20%	
Specialty Security Design	1.25%	
Geotechnical Investigation	1.00%	
Structural Investigation	0.50%	
Hazardous Materials Consult/Investigation	1.00%	
6b. Site Investigations	**2.5%**	$ 47,789.31
Site Investigations	2.50%	
6c. Assistance prior to Construction	**3.00%**	$ 57,347.17
Estimating	2.00%	
Scheduling	0.70%	
Constructability Review	0.30%	
6d. Site Preparation, Demolition and Special Construction		$ 38,231.45
Site Preparation - 2% of Building Hard Cost		
7. Construction Management Assistance		$ 114,694.34
Management Assistance during Construction - 6%		
8. M & I Government		$ 9,557.86
One-Half percent of Building Hard Cost		
9. D & C - Government PC&B		$ 9,557.86
One-Half percent of Building Hard Cost		
10. D & C - Government Travel and Inspection		$ 9,557.86
One-Half percent of Building Hard Cost		
Total Building Hard Cost incl Gen Contr. Markup		$ 1,911,572.34
General Contractor's		
Gen Cond, Bond, Overhead and Profit 22%		$ 369,981.74
Construction General Cond, Overhead and Profit - Total	24.0%	
Profit	10.00%	
Overhead	8.00%	
Insurance	1.25%	
Bond	2.40%	
General Conditions	2.30%	
Subcontractor's Costs		$ 1,541,590.59
Including Markup, from next page		
Special Structures		

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 1,541,590.59
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	100	SF	$ 315.00	$ 31,500.00	$ 4,725.00	$ 36,225.00
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	2,000	SF	$ 8.93	$ 17,850.00	$ 2,677.50	$ 20,527.50
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	1,500	SF	$ 6.48	$ 9,720.00	$ 1,458.00	$ 11,178.00
C1020	Interior Doors	Hollow Metal Fire Doors	3,000	SF	$ 27.15	$ 81,450.00	$ 12,217.50	$ 93,667.50
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	21,458	SF	$ 4.32	$ 92,698.56	$ 13,904.78	$ 106,603.34
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	5,000	SF	$ 6.91	$ 34,560.00	$ 5,184.00	$ 39,744.00
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	2,500	SF	$ 2.41	$ 6,025.00	$ 903.75	$ 6,928.75
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	6,000	SF	$ 32.34	$ 194,040.00	$ 29,106.00	$ 223,146.00
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	0	SF	$ 5.39	$ -	$ -	$ -
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	10,000	SF	$ 29.61	$ 296,100.00	$ 44,415.00	$ 340,515.00
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	10,000	SF	$ 3.95	$ 39,500.00	$ 5,925.00	$ 45,425.00
D5010	Elect Service - Distrib	1200 Amp Service, Panelboard, Feeders	10,000	SF	$ 3.43	$ 34,300.00	$ 5,145.00	$ 39,445.00
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	0	SF	$ 18.27	$ -	$ -	$ -
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	3,000	SF	$ 8.86	$ 26,580.00	$ 3,987.00	$ 30,567.00
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	7,000	SF	$ 47.32	$ 331,240.00	$ 49,686.00	$ 380,926.00
E1030	ADA Requirements	ADA Requirements for Staff and inmates	9,000	SF	$ 9.00	$ 81,000.00	$ 12,150.00	$ 93,150.00
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	5,000	SF	$ 12.79	$ 63,950.00	$ 9,592.50	$ 73,542.50
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement		SF		$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 1,275,623.89
Total Facility Soft Costs - Items 1 through Item 10						$ 504,854.17
1. Reserve Fund - 10% of Building Hard Cost						$ 77,076.97
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b)						
1a Design Related Construction Contingency (5.0 % of Building Hard Cost)						
1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 61,661.58
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency -7% of Building Hard Cost						$ 53,953.88
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 46,246.18
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 11,561.55
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

6. Pre-Construction Services			
6a. Design at Office	**18.00%**	$	138,738.55
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**	$	19,269.24
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**	$	23,123.09
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction		$	15,415.39
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance		$	46,246.18
Management Assistance during Construction - 6%			
8. M & I Government		$	3,853.85
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B		$	3,853.85
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection		$	3,853.85
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup		$	770,769.72
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%		$	149,181.24
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs		$	621,588.49
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 621,588.49
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 315.00	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	3,144	SF	$ 7.14	$ 22,448.16	$ 3,367.22	$ 25,815.38
B3020	Roof Openings	Roof Hatches	100	SF	$ 70.01	$ 7,001.00	$ 1,050.15	$ 8,051.15

					Mat/Labor/Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	3,000	SF	$ 4.32	$ 12,960.00	$ 1,944.00	$ 14,904.00
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	3,144	SF	$ 6.91	$ 21,731.33	$ 3,259.70	$ 24,991.03
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	3,144	SF	$ 3.62	$ 11,365.56	$ 1,704.83	$ 13,070.39
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	1,800	SF	$ 32.34	$ 58,212.00	$ 8,731.80	$ 66,943.80
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	0	SF	$ 5.39	$ -	$ -	$ -
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	3,144	SF	$ 29.61	$ 93,093.84	$ 13,964.08	$ 107,057.92
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	3,144	SF	$ 10.27	$ 32,288.88	$ 4,843.33	$ 37,132.21
D5010	Elect Service - Distrib	200 Amp Service, Panelboard, Feeders	3,144	SF	$ 9.31	$ 29,270.64	$ 4,390.60	$ 33,661.24
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	3,144	SF	$ 18.27	$ 57,440.88	$ 8,616.13	$ 66,057.01
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	3,144	SF	$ 8.86	$ 27,855.84	$ 4,178.38	$ 32,034.22
D5090	Emergency Backup	Emergency Generator and Transfer Switch	3,144	SF	$ 10.65	$ 33,463.60	$ 5,022.54	$ 38,506.14

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	1,950	SF	$ 47.32	$ 92,274.00	$ 13,841.10	$ 106,115.10
E1030	ADA Requirements	ADA Requirements for Staff and inmates	3,144	SF	$ 9.00	$ 28,296.00	$ 4,244.40	$ 32,540.40
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	1,000	SF	$ 12.79	$ 12,790.00	$ 1,918.50	$ 14,708.50
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	M,L,E Cost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 3,872,395.16
Total Facility Soft Costs - Items 1 through Item 10						$ 1,532,579.35
1. Reserve Fund - 10% of Building Hard Cost						$ 233,981.58
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 187,185.26
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency -7% of Building Hard Cost						$ 163,787.11
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 140,388.95
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 35,097.24
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

Prepared by Shubnum Repairs and Deferred Maintenance Costs Cost Estimate
Kesheria, Wisconsin 2, 2006

6. Pre-Construction Services			
6a. Design at Office	**18.00%**	$	421,166.85
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**	$	58,495.40
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**	$	70,194.47
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction		$	46,796.32
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance		$	140,388.95
Management Assistance during Construction - 6%			
8. M & I Government		$	11,699.08
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B		$	11,699.08
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection		$	11,699.08
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup		$	2,339,815.81
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%		$	452,867.58
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs		$	1,886,948.23
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 1,686,948.23
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	100	SF	$ 315.00	$ 31,500.00	$ 4,725.00	$ 36,225.00
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	0	SF	$ 3.57	$ -	$ -	$ -
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	1,000	SF	$ 4.32	$ 4,320.00	$ 648.00	$ 4,968.00
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	0	SF	$ 6.91	$ -	$ -	$ -
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	800	SF	$ 2.41	$ 1,928.00	$ 289.20	$ 2,217.20
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	14,060	SF	$ 32.34	$ 454,700.40	$ 68,205.06	$ 522,905.46
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	14,060	SF	$ 15.79	$ 221,937.10	$ 33,290.57	$ 255,227.67
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	14,060	SF	$ 29.61	$ 416,316.60	$ 62,447.49	$ 478,764.09
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	14,060	SF	$ 3.95	$ 55,537.00	$ 8,330.55	$ 63,867.55
D5010	Elect Service - Distrib	1200 Amp Service, Panelboard, Feeders, Lightning	6,000	SF	$ 29.89	$ 179,340.00	$ 26,901.00	$ 206,241.00
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	230	SF	$ 18.27	$ 4,202.10	$ 630.32	$ 4,832.42
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	0	SF	$ 8.85	$ -	$ -	$ -
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	4,330	SF	$ 47.32	$ 204,895.60	$ 30,734.34	$ 235,629.94
E1030	ADA Requirements	ADA Requirements for Staff and inmates	7,030	SF	$ 9.00	$ 63,270.00	$ 9,490.50	$ 72,760.50
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	225	SF	$ 12.79	$ 2,877.75	$ 431.66	$ 3,309.41
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 2,223,120.10
Total Facility Soft Costs - Items 1 through Item 10						$ 879,845.12
1. Reserve Fund - 10% of Building Hard Cost						$ 134,327.50
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						$ 107,462.00
3. Construction Contingency -7% of Building Hard Cost Construction Contingency during construction - 7.0 % of Building Hard Cost						$ 94,029.25
4. Location Factor - 6% of Building Hard Cost Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						$ 80,596.50
5. Time Factor Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						$ 20,149.12

6. Pre-Construction Services			
6a. Design at Office	**18.00%**		**$ 241,785.50**
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**		**$ 33,581.67**
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**		**$ 40,298.25**
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction			**$ 26,865.50**
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance			**$ 80,596.50**
Management Assistance during Construction - 6%			
8. M & I Government			**$ 6,716.37**
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B			**$ 6,716.37**
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection			**$ 6,716.37**
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup			**$ 1,343,274.99**
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%			**$ 259,988.71**
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs			**$ 1,083,286.28**
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 1,083,286.28
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	20	SF	$ 315.00	$ 6,300.00	$ 945.00	$ 7,245.00
B2030	Exterior Doors	Metal Doors	100	SF	$ 44.00	$ 4,400.00	$ 660.00	$ 5,060.00
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	9,647	SF	$ 3.57	$ 34,439.79	$ 5,165.97	$ 39,605.76
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	4,000	SF	$ 4.32	$ 17,280.00	$ 2,592.00	$ 19,872.00
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	2,500	SF	$ 6.91	$ 17,280.00	$ 2,592.00	$ 19,872.00
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	4,500	SF	$ 2.41	$ 10,845.00	$ 1,626.75	$ 12,471.75
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	9,647	SF	$ 32.34	$ 311,983.98	$ 46,797.60	$ 358,781.58
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	4,500	SF	$ 5.39	$ 24,255.00	$ 3,638.25	$ 27,893.25
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	1,000	SF	$ 29.61	$ 29,610.00	$ 4,441.50	$ 34,051.50
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	9,647	SF	$ 7.90	$ 76,211.30	$ 11,431.70	$ 87,643.00
D5010	Elect Service - Distrib	1200 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	6,000	SF	$ 18.27	$ 109,620.00	$ 16,443.00	$ 126,063.00
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	0	SF	$ 8.86	$ -	$ -	$ -
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Mat/Labor/Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	4,500	SF	$ 47.32	$ 212,940.00	$ 31,941.00	$ 244,881.00
E1030	ADA Requirements	ADA Requirements for Staff and inmates	9,647	SF	$ 9.00	$ 86,823.00	$ 13,023.45	$ 99,846.45
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	0	SF	$ 6.55	$ -	$ -	$ -
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	M,L,E Cost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 1,873,160
Total Facility Soft Costs - Items 1 through Item 10						$ 741,341
1. Reserve Fund - 10% of Building Hard Cost						$ 113,181.86
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 90,545.49
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency -7% of Building Hard Cost						$ 79,227.30
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 67,909.12
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 16,977.28
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

6. Pre-Construction Services			
6a. Design at Office	**18.00%**		$ 203,727.35
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**		$ 28,295.48
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**		$ 33,954.58
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction			$ 22,636.37
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance			$ 67,909.12
Management Assistance during Construction - 6%			
8. M & I Government			$ 5,659.09
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B			$ 5,659.09
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection			$ 5,659.09
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup			$ 1,131,819
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%			$ 219,061.66
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs			$ 912,756.93
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 912,756.93
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 315.00	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	75	SF	$ 80.86	$ 6,066.00	$ 909.90	$ 6,975.90
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	0	SF	$ 3.57	$ -	$ -	$ -
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	0	SF	$ 4.32	$ -	$ -	$ -
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	890	SF	$ 6.91	$ 6,151.68	$ 922.75	$ 7,074.43
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	9,240	SF	$ 2.41	$ 22,268.40	$ 3,340.26	$ 25,608.66
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	9,240	SF	$ 32.34	$ 298,821.60	$ 44,823.24	$ 343,644.84
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	4,900	SF	$ 5.39	$ 26,411.00	$ 3,961.65	$ 30,372.65
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	4,600	SF	$ 29.61	$ 136,206.00	$ 20,430.90	$ 156,636.90
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	9,240	SF	$ 3.95	$ 36,498.00	$ 5,474.70	$ 41,972.70
D5010	Elect Service - Distrib	400 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	900	SF	$ 18.27	$ 16,443.00	$ 2,466.45	$ 18,909.45
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	3,600	SF	$ 8.86	$ 31,896.00	$ 4,784.40	$ 36,680.40
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	4,500	SF	$ 47.32	$ 212,940.00	$ 31,941.00	$ 244,881.00
E1030	ADA Requirements	ADA Requirements for Staff and inmates	0	SF	$ 9.00	$ -	$ -	$ -
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	0	SF	$ 6.55	$ -	$ -	$ -
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

Project Summary	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Total Cost - Total of Hard and Soft Costs						$ 3,418,020.78
Total Facility Soft Costs - Items 1 through Item 10						$ 1,352,751.43
1. Reserve Fund - 10% of Building Hard Cost						$ 206,526.94
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						$ 165,221.55
3. Construction Contingency -7% of Building Hard Cost Construction Contingency during construction - 7.0 % of Building Hard Cost						$ 144,568.85
4. Location Factor - 6% of Building Hard Cost Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						$ 123,916.16
5. Time Factor Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						$ 30,979.04

Pre	8. Pre-Construction Services			ate
	8a. Design at Office	18.00%	$ 371,748.48	006
	Architectural Design	2.75%		
	Interior design	1.20%		
	Civil Design	1.20%		
	Structural Design	1.40%		
	Mechanical Design	1.25%		
	Electrical Design	1.25%		
	Landscape Design	0.20%		
	Specialty Security Design	1.25%		
	Geotechnical Investigation	1.00%		
	Structural Investigation	0.50%		
	Hazardous Materials Consult/Investigation	1.00%		
	8b. Site Investigations	2.5%	$ 51,631.73	
	Site Investigations	2.50%		
	8c. Assistance prior to Construction	3.00%	$ 61,958.08	
	Estimating	2.00%		
	Scheduling	0.70%		
	Constructability Review	0.30%		
	8d. Site Preparation, Demolition and Special Construction		$ 41,305.39	
	Site Preparation - 2% of Building Hard Cost			
	7. Construction Management Assistance		$ 123,916.16	
	Management Assistance during Construction - 6%			
	8. M & I Government		$ 10,326.35	
	One-Half percent of Building Hard Cost			
	9. D & C - Government PC&B		$ 10,326.35	
	One-Half percent of Building Hard Cost			
	10. D & C - Government Travel and Inspection		$ 10,326.35	
	One-Half percent of Building Hard Cost			
	Total Building Hard Cost incl Gen Contr. Markup		$ 2,065,269.35	
	General Contractor's			
	Gen Cond, Bond, Overhead and Profit 22%		$ 399,729.55	
	Construction General Cond, Overhead and Profit - Total	24.0%		
	Profit	10.00%		
	Overhead	8.00%		
	Insurance	1.25%		
	Bond	2.40%		
	General Conditions	2.30%		
	Subcontractor's Costs		$ 1,665,539.80	
	Including Markup, from next page			
	Special Structures			

Lamedeer, Montana

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 1,665,539.80
	Demolition of Existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	**Substructure**							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	**Shell**							
B1010	Structural Floors	Concrete slab with metal deck and beams	4,000	SF	$ 22.58	$ 90,300.00	$ 13,545.00	$ 103,845.00
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 8.94	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	8,124	SF	$ 0.88	$ 7,149.12	$ 1,072.37	$ 8,221.49
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	0	SF	$ 3.57	$ -	$ -	$ -
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

Prepared by Shubnum

Repairs and Deferred Maintenence Costs
Northern Cheyenne Law Enforcement Center
Lamedeer, Montana

Cost Estimate
Date: September 22, 2006

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	1,000	SF	$ 2.16	$ 2,160.00	$ 324.00	$ 2,484.00
C1020	Interior Doors	Hollow Metal Fire Doors	2,000	SF	$ 0.86	$ 1,720.00	$ 258.00	$ 1,978.00
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	6,000	SF	$ 4.32	$ 25,920.00	$ 3,888.00	$ 29,808.00
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	4,000	SF	$ 6.91	$ 27,648.00	$ 4,147.20	$ 31,795.20
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	8,000	SF	$ 2.41	$ 14,460.00	$ 2,169.00	$ 16,629.00
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	8,124	SF	$ 32.34	$ 262,730.16	$ 39,409.52	$ 302,139.68
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	8,124	SF	$ 5.39	$ 43,788.36	$ 6,568.25	$ 50,356.61
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	8,124	SF	$ 29.61	$ 240,551.64	$ 36,082.75	$ 276,634.39
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	1600 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	8,124	SF	$ 18.27	$ 148,425.48	$ 22,263.82	$ 170,689.30
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	8,124	SF	$ 8.86	$ 71,978.64	$ 10,796.80	$ 82,775.44
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	8,124	SF	$ 47.32	$ 384,427.68	$ 57,664.15	$ 442,091.83
E1030	ADA Requirements	ADA Requirements for Staff and inmates	8,124	SF	$ 9.00	$ 73,116.00	$ 10,967.40	$ 84,083.40
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	500	SF	$ 12.79	$ 6,395.00	$ 959.25	$ 7,354.25
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	8,124	SF	$ 5.85	$ 47,525.40	$ 7,128.81	$ 54,654.21

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 583,413.44
Total Facility Soft Costs - Items 1 through Item 10						$ 230,897.77
1. Reserve Fund - 10% of Building Hard Cost						$ 35,251.57
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						$ 28,201.25
3. Construction Contingency -7% of Building Hard Cost Construction Contingency during construction - 7.0 % of Building Hard Cost						$ 24,676.10
4. Location Factor - 6% of Building Hard Cost Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						$ 21,150.94
5. Time Factor Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						$ 5,287.74

6. Pre-Construction Services			
6a. Design at Office	18.00%	$	53,452.82
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	2.5%	$	8,812.89
Site Investigations	2.50%		
6c. Assistance prior to Construction	3.00%	$	10,575.47
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction		$	7,050.31
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance		$	21,150.94
Management Assistance during Construction - 6%			
8. M & I Government		$	1,762.58
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B		$	1,762.58
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection		$	1,762.58
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup		$	352,515.67
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%		$	68,228.84
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs		$	284,286.83
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 284,286.83
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	80	SF	$ 315.00	$ 25,200.00	$ 3,780.00	$ 28,980.00
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Wooden Joists	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Composite	4,647	SF	$ 6.07	$ 28,202.64	$ 4,230.40	$ 32,433.04
B3020	Roof Openings	Roof Hatches, Gutters, Eaves	150	SF	$ 33.31	$ 4,996.50	$ 749.48	$ 5,745.98

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	0	SF	$ 4.32	$ -	$ -	$ -
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	0	SF	$ 6.91	$ -	$ -	$ -
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	0	SF	$ 2.41	$ -	$ -	$ -
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	0	SF	$ 32.34	$ -	$ -	$ -
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	0	SF	$ 5.39	$ -	$ -	$ -
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	0	SF	$ 29.61	$ -	$ -	$ -
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	1600 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	0	SF	$ 18.27	$ -	$ -	$ -
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	0	SF	$ 8.86	$ -	$ -	$ -
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	3,990	SF	$ 47.32	$ 188,806.80	$ 28,321.02	$ 217,127.82
E1030	ADA Requirements	ADA Requirements for Staff and Inmates	0	SF	$ 9.00	$ -	$ -	$ -
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	0	SF	$ 6.55	$ -	$ -	$ -
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	M,L,E Cost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 733,848.97
Total Facility Soft Costs - Items 1 through Item 10						$ 290,435.69
1. Reserve Fund - 10% of Building Hard Cost						$ 44,341.33
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						$ 35,473.06
3. Construction Contingency -7% of Building Hard Cost Construction Contingency during construction - 7.0 % of Building Hard Cost						$ 31,038.93
4. Location Factor - 6% of Building Hard Cost Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						$ 26,604.80
5. Time Factor Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						$ 6,651.20

5. Pre-Construction Services			
6a. Design at Office	18.00%	$	79,814.39
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	2.5%	$	11,085.33
Site Investigations	2.50%		
6c. Assistance prior to Construction	3.00%	$	13,302.40
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction		$	8,868.27
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance		$	26,604.80
Management Assistance during Construction - 6%			
8. M & I Government		$	2,217.07
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B		$	2,217.07
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection		$	2,217.07
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup		$	443,413.27
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%		$	85,821.92
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs		$	357,591.35
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 357,531.35
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.56	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	2,000	SF	$ 10.22	$ 20,440.00	$ 3,066.00	$ 23,506.00
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 315.00	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	300	SF	$ 80.88	$ 24,264.00	$ 3,639.60	$ 27,903.60
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	0	SF	$ 3.57	$ -	$ -	$ -
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	2,000	SF	$ 4.32	$ 8,640.00	$ 1,296.00	$ 9,936.00
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	0	SF	$ 6.91	$ -	$ -	$ -
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	0	SF	$ 2.41	$ -	$ -	$ -
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	2,000	SF	$ 32.34	$ 64,680.00	$ 9,702.00	$ 74,382.00
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	0	SF	$ 5.39	$ -	$ -	$ -
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	1,500	SF	$ 29.61	$ 44,415.00	$ 6,662.25	$ 51,077.25
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	600 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	0	SF	$ 18.27	$ -	$ -	$ -
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	0	SF	$ 8.88	$ -	$ -	$ -
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	3,000	SF	$ 47.32	$ 141,960.00	$ 21,294.00	$ 163,254.00
E1030	ADA Requirements	ADA Requirements for Staff and inmates	0	SF	$ 9.00	$ -	$ -	$ -
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	1,000	SF	$ 6.55	$ 6,550.00	$ 982.50	$ 7,532.50
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 845,059.86
Total Facility Soft Costs - Items 1 through Item 10						$ 334,449.67
1. Reserve Fund - 10% of Building Hard Cost						$ 51,061.02
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b)						
1a Design Related Construction Contingency (5.0 % of Building Hard Cost)						
1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 40,848.81
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency -7% of Building Hard Cost						$ 35,742.71
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 30,636.61
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 7,659.15
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

6. Pre-Construction Services			
6a. Design at Office	**18.00%**	$	91,909.83
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**	$	12,765.25
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**	$	15,318.31
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction		$	10,212.20
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance		$	30,636.61
Management Assistance during Construction - 6%			
8. M & I Government		$	2,553.05
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B		$	2,553.05
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection		$	2,553.05
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup		$	510,610.19
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%		$	98,827.78
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs		$	411,782.41
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						**$ 411,782.41**
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	**Substructure**							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	**Shell**							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	150	SF	$ 84.39	$ 9,657.90	$ 1,448.69	$ 11,106.59
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	20	SF	$ 315.00	$ 6,300.00	$ 945.00	$ 7,245.00
B2030	Exterior Doors	Metal Doors	100	SF	$ 52.80	$ 5,280.00	$ 792.00	$ 6,072.00
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	0	SF	$ 3.57	$ -	$ -	$ -
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

Prepared by Shubnum

Repairs and Deferred Maintenance Costs
Oglala Law Enforcement Center
Oglala, South Dakota

Cost Estimate
Date: September 22, 2006

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Metal Doors	100	SF	$ 128.00	$ 12,800.00	$ 1,920.00	$ 14,720.00
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	1,600	SF	$ 4.32	$ 6,912.00	$ 1,036.80	$ 7,948.80
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	880	SF	$ 6.91	$ 6,082.56	$ 912.38	$ 6,994.94
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	880	SF	$ 2.41	$ 2,120.80	$ 318.12	$ 2,438.92
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	2,380	SF	$ 32.34	$ 76,969.20	$ 11,545.38	$ 88,514.58
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	2,380	SF	$ 5.39	$ 12,828.20	$ 1,924.23	$ 14,752.43
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	1,250	SF	$ 19.74	$ 24,675.00	$ 3,701.25	$ 28,376.25
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	2,380	SF	$ 7.11	$ 16,921.80	$ 2,538.27	$ 19,460.07
D5010	Elect Service - Distrib	Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Recetacles, Switches and power	2,380	SF	$ 18.27	$ 43,482.60	$ 6,522.39	$ 50,004.99
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	0	SF	$ 8.86	$ -	$ -	$ -
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	**Specialties**							
E1020	Specialty Equipment	Ancillary Equipment	2,380	SF	$ 47.32	$ 112,621.60	$ 16,893.24	$ 129,514.84
E1030	ADA Requirements	ADA Requirements for Staff and inmates	2,380	SF	$ 9.00	$ 21,420.00	$ 3,213.00	$ 24,633.00
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	0	SF	$ 6.55	$ -	$ -	$ -
F	**Special Construction**							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 612,700.60
Total Facility Soft Costs - Items 1 through Item 10						$ 242,488.76
1. Reserve Fund - 10% of Building Hard Cost						$ 37,021.18
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b)						
1a Design Related Construction Contingency (5.0 % of Building Hard Cost)						
1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 29,616.95
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency -7% of Building Hard Cost						$ 25,914.83
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 22,212.71
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 5,553.18
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

6. Pre-Construction Services			
6a. Design at Office	**18.00%**	$	66,638.13
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**	$	9,255.30
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**	$	11,106.36
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction		$	7,404.24
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance		$	22,212.71
Management Assistance during Construction - 6%			
8. M & I Government		$	1,851.06
One-Half percent of Building Hard Cost			
9. D & C - Government PC&S		$	1,851.06
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection		$	1,851.06
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup		$	370,211.85
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%		$	71,653.91
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs		$	298,557.94
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						**$ 298,557.94**
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	**Substructure**							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	125	SF	$ 13.50	$ 1,687.50	$ 253.13	$ 1,940.63
B	**Shell**							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	2,380	SF	$ 20.44	$ 48,647.20	$ 7,297.08	$ 55,944.28
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	20	SF	$ 315.00	$ 6,300.00	$ 945.00	$ 7,245.00
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	0	SF	$ 3.57	$ -	$ -	$ -
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

Prepared by Shubnum

Repairs and Deferred Maintenance Costs
Porcupine Law Enforcement Center
Porcupine, South Dakota

Cost Estimate
Date: September 22, 2006

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	250	SF	$ 2.16	$ 540.00	$ 81.00	$ 621.00
C1020	Interior Doors	Hollow Metal Fire Doors	50	SF	$ 25.80	$ 1,290.00	$ 193.50	$ 1,483.50
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	2,380	SF	$ 4.32	$ 10,281.60	$ 1,542.24	$ 11,823.84
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	1,250	SF	$ 6.91	$ 8,640.00	$ 1,296.00	$ 9,936.00
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	1,250	SF	$ 2.41	$ 3,012.50	$ 451.88	$ 3,464.38
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	2,380	SF	$ 32.34	$ 76,969.20	$ 11,545.38	$ 88,514.58
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	2,380	SF	$ 5.39	$ 12,828.20	$ 1,924.23	$ 14,752.43
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	0	SF	$ 29.61	$ -	$ -	$ -
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	Panelboard, Feeders, Grounding	1,000	SF	$ 3.43	$ 3,430.00	$ 514.50	$ 3,944.50
D5020	Lighting and Power	Fluorescent Fixtures, Recetacles, Switches and power	2,380	SF	$ 18.27	$ 43,482.60	$ 6,522.39	$ 50,004.99
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	2,380	SF	$ 8.86	$ 21,086.80	$ 3,163.02	$ 24,249.82
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	0	SF	$ 47.32	$ -	$ -	$ -
E1030	ADA Requirements	ADA Requirements for Staff and inmates	2,380	SF	$ 9.00	$ 21,420.00	$ 3,213.00	$ 24,633.00
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	0	SF	$ 6.55	$ -	$ -	$ -
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	M,L,E Cost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 876,863.16
Total Facility Soft Costs - Items 1 through Item 10						$ 347,036.48
1. Reserve Fund - 10% of Building Hard Cost						$ 52,982.67
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b)						
1a Design Related Construction Contingency (5.0 % of Building Hard Cost)						
1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 42,366.13
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency -7% of Building Hard Cost						$ 37,087.87
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 31,789.60
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 7,947.40
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

6. Pre-Construction Services			
6a. Design at Office	**18.00%**	$	95,368.80
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**	$	13,245.67
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**	$	15,894.80
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction		$	10,596.53
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance		$	31,789.60
Management Assistance during Construction - 6%			
8. M & I Government		$	2,649.13
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B		$	2,649.13
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection		$	2,649.13
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup		$	529,826.68
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%		$	102,547.10
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs		$	427,279.58
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 427,279.58
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	1,716	SF	$ 26.34	$ 45,195.15	$ 6,779.27	$ 51,974.42
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 315.00	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	0	SF	$ 3.57	$ -	$ -	$ -
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	1,716	SF	$ 4.32	$ 7,413.12	$ 1,111.97	$ 8,525.09
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	1,716	SF	$ 6.91	$ 11,860.99	$ 1,779.15	$ 13,640.14
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	0	SF	$ 2.41	$ -	$ -	$ -
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	1,716	SF	$ 32.34	$ 55,495.44	$ 8,324.32	$ 63,819.76
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	0	SF	$ 5.39	$ -	$ -	$ -
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	1,716	SF	$ 29.61	$ 50,810.76	$ 7,621.61	$ 58,432.37
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	600 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Recetacles, Switches and power	0	SF	$ 18.27	$ -	$ -	$ -
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	1,716	SF	$ 8.86	$ 15,203.76	$ 2,280.56	$ 17,484.32
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	**Specialties**							
E1020	Specialty Equipment	Ancillary Equipment	1,716	SF	$ 94.64	$ 162,402.24	$ 24,360.34	$ 186,762.58
E1030	ADA Requirements	ADA Requirements for Staff and inmates	1,716	SF	$ 13.50	$ 23,166.00	$ 3,474.90	$ 26,640.90
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	0	SF	$ 6.55	$ -	$ -	$ -
F	**Special Construction**							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 1,374,670.10
Total Facility Soft Costs - Items 1 through Item 10						$ 544,053.73
1. Reserve Fund - 10% of Building Hard Cost						$ 83,061.64
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b)						
1a Design Related Construction Contingency (5.0 % of Building Hard Cost)						
1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 66,449.31
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency -7% of Building Hard Cost						$ 58,143.15
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 49,836.98
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 12,459.25
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

6. Pre-Construction Services				
6a. Design at Office	Tahoian, Washington	**18.00%**	$	149,510.95
Architectural Design		2.75%		
Interior design		1.20%		
Civil Design		1.20%		
Structural Design		1.40%		
Mechanical Design		1.25%		
Electrical Design		1.25%		
Landscape Design		0.20%		
Specialty Security Design		1.25%		
Geotechnical Investigation		1.00%		
Structural Investigation		0.50%		
Hazardous Materials Consult/Investigation		1.00%		
6b. Site Investigations		**2.5%**	$	20,765.41
Site Investigations		2.50%		
6c. Assistance prior to Construction		**3.00%**	$	24,918.49
Estimating		2.00%		
Scheduling		0.70%		
Constructability Review		0.30%		
6d. Site Preparation, Demolition and Special Construction			$	16,612.33
Site Preparation - 2% of Building Hard Cost				
7. Construction Management Assistance			$	49,836.98
Management Assistance during Construction - 6%				
8. M & I Government			$	4,153.08
One-Half percent of Building Hard Cost				
9. D & C - Government PC&B			$	4,153.08
One-Half percent of Building Hard Cost				
10. D & C - Government Travel and Inspection			$	4,153.08
One-Half percent of Building Hard Cost				
Total Building Hard Cost incl Gen Contr. Markup			$	830,816.38
General Contractor's				
Gen Cond, Bond, Overhead and Profit 22%			$	160,764.46
Construction General Cond, Overhead and Profit - Total		24.0%		
Profit		10.00%		
Overhead		8.00%		
Insurance		1.25%		
Bond		2.40%		
General Conditions		2.30%		
Subcontractor's Costs			$	669,851.92
Including Markup, from next page				
Special Structures				

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						**$ 669,851.92**
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	**Substructure**							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	**Shell**							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 315.00	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	1,000	SF	$ 3.57	$ 3,570.00	$ 535.50	$ 4,105.50
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

Prepared by Shubnum

Repairs and Deferred Maintenance Costs
Quinault Detention Center,
Taholah,
Washington

Cost Estimate
Date: September 22, 2006

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	5,124	SF	$ 6.48	$ 33,203.52	$ 4,980.53	$ 38,184.05
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	5,124	SF	$ 6.91	$ 35,417.09	$ 5,312.56	$ 40,729.65
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	0	SF	$ 2.41	$ -	$ -	$ -
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	2,500	SF	$ 32.34	$ 80,850.00	$ 12,127.50	$ 92,977.50
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	0	SF	$ 5.39	$ -	$ -	$ -
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	5,124	SF	$ 29.61	$ 151,721.64	$ 22,758.25	$ 174,479.89
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	1600 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	0	SF	$ 18.27	$ -	$ -	$ -
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	2,500	SF	$ 8.86	$ 22,150.00	$ 3,322.50	$ 25,472.50
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	5,124	SF	$ 47.32	$ 242,467.68	$ 36,370.15	$ 278,837.83
E1030	ADA Requirements	ADA Requirements for Staff and inmates	0	SF	$ 9.00	$ -	$ -	$ -
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	2,000	SF	$ 6.55	$ 13,100.00	$ 1,965.00	$ 15,065.00
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 3,057,255.27
Total Facility Soft Costs - Items 1 through Item 10						$ 1,209,971.12
1. Reserve Fund - 10% of Building Hard Cost						$ 184,726.41
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						$ 147,782.73
3. Construction Contingency -7% of Building Hard Cost Construction Contingency during construction - 7.0 % of Building Hard Cost						$ 129,309.89
4. Location Factor - 6% of Building Hard Cost Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						$ 110,837.05
5. Time Factor Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						$ 27,709.26

6. Pre-Construction Services			
6a. Design at Office	**18.00%**		$ 332,511.15
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**		$ 46,182.10
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**		$ 55,418.52
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction			$ 36,945.68
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance			$ 110,837.05
Management Assistance during Construction - 6%			
8. M & I Government			$ 9,236.42
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B			$ 9,236.42
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection			$ 9,236.42
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup			$ 1,847,284.15
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%			$ 357,538.87
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs			$ 1,489,745.28
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						**$ 1,489,745.28**
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	**Substructure**							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	**Shell**							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	6,500	SF	$ 10.22	$ 66,430.00	$ 9,964.50	$ 76,394.50
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	160	SF	$ 315.00	$ 50,400.00	$ 7,560.00	$ 57,960.00
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	13,030	SF	$ 6.43	$ 83,730.78	$ 12,559.62	$ 96,290.40
B3020	Roof Openings	Roof Hatches	13,030	SF	$ 0.51	$ 6,645.30	$ 996.80	$ 7,642.10

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	6,500	SF	$ 2.12	$ 13,780.00	$ 2,067.00	$ 15,847.00
C3010	Wall Finishes	Paint - 2 coats, 2 sides	13,030	SF	$ 4.32	$ 56,289.60	$ 8,443.44	$ 64,733.04
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	1,000	SF	$ 6.91	$ 6,912.00	$ 1,036.80	$ 7,948.80
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	13,030	SF	$ 2.41	$ 31,402.30	$ 4,710.35	$ 36,112.65
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	2,000	SF	$ 32.34	$ 64,680.00	$ 9,702.00	$ 74,382.00
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	0	SF	$ 5.39	$ -	$ -	$ -
D2040	Rain Water Drainage	Roof Drains	13,030	SF	$ 0.51	$ 6,645.30	$ 996.80	$ 7,642.10
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	2,000	SF	$ 29.61	$ 59,220.00	$ 8,883.00	$ 68,103.00
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	800 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Receptacles, Switches and power	0	SF	$ 18.27	$ -	$ -	$ -
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	13,030	SF	$ 8.86	$ 115,445.80	$ 17,316.87	$ 132,762.67
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	13,030	SF	$ 47.32	$ 616,579.60	$ 92,486.94	$ 709,066.54
E1030	ADA Requirements	ADA Requirements for Staff and inmates	13,030	SF	$ 9.00	$ 117,270.00	$ 17,590.50	$ 134,860.50
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	0	SF	$ 6.55	$ -	$ -	$ -
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 663,616.84
Total Facility Soft Costs - Items 1 through Item 10						$ 262,639.90
1. Reserve Fund - 10% of Building Hard Cost						$ 40,097.69
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b)						
1a Design Related Construction Contingency. (5.0 % of Building Hard Cost)						
1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost						$ 32,078.16
From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						
3. Construction Contingency -7% of Building Hard Cost						$ 28,068.39
Construction Contingency during construction - 7.0 % of Building Hard Cost						
4. Location Factor - 6% of Building Hard Cost						$ 24,058.62
Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						
5. Time Factor						$ 6,014.65
Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						

6. Pre-Construction Services			
6a. Design at Office	**18.00%**		$ 72,175.85
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**		$ 10,024.42
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**		$ 12,029.31
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction			$ 8,019.54
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance			$ 24,058.62
Management Assistance during Construction - 6%			
8. M & I Government			$ 2,004.88
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B			$ 2,004.88
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection			$ 2,004.88
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup			$ 400,976.94
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%			$ 77,608.44
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs			$ 323,368.50
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 323,368.50
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 315.00	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	0	SF	$ 3.57	$ -	$ -	$ -
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

Prepared by Shubnum

Repairs and Deferred Maintenance Costs
San Carlos Detention Center
San Carlos, Arizona

Cost Estimate
Date: September 22, 2006

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	0	SF	$ 4.32	$ -	$ -	$ -
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	0	SF	$ 6.91	$ -	$ -	$ -
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	0	SF	$ 2.41	$ -	$ -	$ -
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	6,500	SF	$ 32.34	$ 210,210.00	$ 31,531.50	$ 241,741.50
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	0	SF	$ 5.39	$ -	$ -	$ -
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	0	SF	$ 29.61	$ -	$ -	$ -
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	1600 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Recetacles, Switches and power	0	SF	$ 18.27	$ -	$ -	$ -
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	0	SF	$ 8.86	$ -	$ -	$ -
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	1,500	SF	$ 47.32	$ 70,980.00	$ 10,647.00	$ 81,627.00
E1030	ADA Requirements	ADA Requirements for Staff and inmates	0	SF	$ 9.00	$ -	$ -	$ -
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	0	SF	$ 6.55	$ -	$ -	$ -
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 2,226,359.03
Total Facility Soft Costs - Items 1 through Item 10						$ 881,126.99
1. Reserve Fund - 10% of Building Hard Cost						$ 134,523.20
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						$ 107,618.56
3. Construction Contingency -7% of Building Hard Cost Construction Contingency during construction - 7.0 % of Building Hard Cost						$ 94,166.24
4. Location Factor - 6% of Building Hard Cost Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						$ 80,713.92
5. Time Factor Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						$ 20,178.48

6. Pre-Construction Services			
6a. Design at Office	**18.00%**		$ 242,141.77
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**		$ 33,630.80
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**		$ 40,356.96
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction			$ 26,904.64
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance			$ 80,713.92
Management Assistance during Construction - 6%			
8. M & I Government			$ 6,726.16
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B			$ 6,726.16
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection			$ 6,726.16
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup			$ 1,345,232.04
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%			$ 260,367.49
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs			$ 1,084,864.55
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						**$ 1,084,864.55**
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	**Substructure**							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	**Shell**							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 315.00	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	2,200	SF	$ 16.88	$ 37,136.00	$ 5,570.40	$ 42,706.40
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	8,704	SF	$ 3.57	$ 31,073.28	$ 4,660.99	$ 35,734.27
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

Prepared by Shubnum

Repairs and Deferred Maintenance Costs
Shiprock Adult Detention Center
Shiprock, New Mexico

Cost Estimate
Date: September 22, 2006

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	400	SF	$ 21.72	$ 8,688.00	$ 1,303.20	$ 9,991.20
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	0	SF	$ 4.32	$ -	$ -	$ -
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	4,500	SF	$ 6.91	$ 31,104.00	$ 4,665.60	$ 35,769.60
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	1,000	SF	$ 2.41	$ 2,410.00	$ 361.50	$ 2,771.50
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	3,250	SF	$ 32.34	$ 105,105.00	$ 15,765.75	$ 120,870.75
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	3,600	SF	$ 5.39	$ 19,404.00	$ 2,910.60	$ 22,314.60
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	8,000	SF	$ 29.61	$ 236,880.00	$ 35,532.00	$ 272,412.00
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	8,704	SF	$ 3.95	$ 34,380.80	$ 5,157.12	$ 39,537.92
D5010	Elect Service - Distrib	400 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Recetacles, Switches and power	3,000	SF	$ 18.27	$ 54,810.00	$ 8,221.50	$ 63,031.50
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	500	SF	$ 8.86	$ 4,430.00	$ 664.50	$ 5,094.50
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	5,150	SF	$ 47.32	$ 243,698.00	$ 36,554.70	$ 280,252.70
E1030	ADA Requirements	ADA Requirements for Staff and inmates	4,000	SF	$ 9.00	$ 36,000.00	$ 5,400.00	$ 41,400.00
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	3,700	SF	$ 12.79	$ 47,323.00	$ 7,098.45	$ 54,421.45
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	8,704	SF	$ 5.85	$ 50,918.40	$ 7,637.76	$ 58,556.16

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 757,296.39
Total Facility Soft Costs - Items 1 through Item 10						$ 299,715.49
1. Reserve Fund - 10% of Building Hard Cost						$ 45,756.09
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						$ 36,608.47
3. Construction Contingency -7% of Building Hard Cost Construction Contingency during construction - 7.0 % of Building Hard Cost						$ 32,030.66
4. Location Factor - 6% of Building Hard Cost Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						$ 27,454.85
5. Time Factor Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						$ 6,863.71

6. Pre-Construction Services			
6a. Design at Office	**18.00%**		**$ 82,364.56**
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**		**$ 11,439.52**
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**		**$ 13,727.43**
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction			**$ 9,151.62**
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance			**$ 27,454.85**
Management Assistance during Construction - 6%			
8. M & I Government			**$ 2,287.90**
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B			**$ 2,287.90**
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection			**$ 2,287.90**
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup			**$ 457,580.90**
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%			**$ 88,564.04**
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs			**$ 369,016.85**
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						$ 369,016.85
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	Substructure							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.48	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	Shell							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 315.00	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	0	SF	$ 7.05	$ -	$ -	$ -
B3010	Roof Covering	Elastomeric Membrane	4,557	SF	$ 7.14	$ 32,536.98	$ 4,880.55	$ 37,417.53
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
C	Interiors							
C1010	Partitions	Concrete Block	0	SF	$ 2.16	$ -	$ -	$ -
C1020	Interior Doors	Hollow Metal Fire Doors	0	SF	$ 0.86	$ -	$ -	$ -
C2010	Stair Construction	Concrete Filled Metal Pan	0	SF	$ 2.12	$ -	$ -	$ -
C3010	Wall Finishes	Paint - 2 coats, 2 sides	0	SF	$ 4.32	$ -	$ -	$ -
C3020	Floor Finishes	70% Vinyl Comp Tile, 20% Carpet, 10% Ceramic Tile	2,500	SF	$ 6.91	$ 17,280.00	$ 2,592.00	$ 19,872.00
C3030	Ceiling Finishes	Mineral Tile on Zee Runners	2,000	SF	$ 2.41	$ 4,820.00	$ 723.00	$ 5,543.00
D	Services							
D2010	Plumbing Fixtures	Toilet and Service Fixtures, Supply and Drainage	1,000	SF	$ 32.34	$ 32,340.00	$ 4,851.00	$ 37,191.00
D2020	Domestic Water Distrib	Electric Water Heater, Water Softner System	0	SF	$ 5.39	$ -	$ -	$ -
D2040	Rain Water Drainage	Roof Drains	0	SF	$ 0.51	$ -	$ -	$ -
D3050	Term and Pkg HVAC	Rooftop, Multizone Unit Systems, Ductwork	0	SF	$ 29.61	$ -	$ -	$ -
D4020	Fire Protection	Standpipe and Hose System	0	SF	$ 0.39	$ -	$ -	$ -
D4030	Fire Protection	Sprinklers	0	SF	$ 3.95	$ -	$ -	$ -
D5010	Elect Service - Distrib	1600 Amp Service, Panelboard, Feeders	0	SF	$ 3.43	$ -	$ -	$ -
D5020	Lighting and Power	Fluorescent Fixtures, Recetacles, Switches and power	1,000	SF	$ 18.27	$ 18,270.00	$ 2,740.50	$ 21,010.50
D5030	Comm and Security	Alarm System, Intercom and Emergency Lighting	0	SF	$ 8.86	$ -	$ -	$ -
D5090	Emergency Backup	Emergency Generator and Transfer Switch	0	SF	$ 0.65	$ -	$ -	$ -

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
E	Specialties							
E1020	Specialty Equipment	Ancillary Equipment	4,557	SF	$ 47.32	$ 215,637.24	$ 32,345.59	$ 247,982.83
E1030	ADA Requirements	ADA Requirements for Staff and Inmates	0	SF	$ 9.00	$ -	$ -	$ -
E1040	Kitchen/Dining	Stainless Steel Kitchen/Food Servie Equipment	0	SF	$ 6.55	$ -	$ -	$ -
F	Special Construction							
F1010	Hazardous Abatement	Asbestos, Lead or Mold Abatement	0	SF	$ 5.85	$ -	$ -	$ -

	Element					
			Matl, Labor, Equip			
	Quantity	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
Project Summary						
Project Total Cost - Total of Hard and Soft Costs						$ 361,642.59
Total Facility Soft Costs - Items 1 through Item 10						$ 143,127.43
1. Reserve Fund - 10% of Building Hard Cost						$ 21,851.52
1 Reserve Fund (Hold until construction midpoint - Items 1a thru 1b) 1a Design Related Construction Contingency (5.0 % of Building Hard Cost) 1b Hazardous Material Abatement Contingency (5.0 % of Building Hard Cost)						
2. Escalation - 8% of Building Hard Cost From August 2006 to August 2011 - Mid point of Construction - 8.0 % of Building Hard Cost						$ 17,481.21
3. Construction Contingency -7% of Building Hard Cost Construction Contingency during construction - 7.0 % of Building Hard Cost						$ 15,296.06
4. Location Factor - 6% of Building Hard Cost Special considerations for building activity at specific site - 6.0 % of Building Hard Cost						$ 13,110.91
5. Time Factor Special considerations for seasonal construction activity - 1.5% of Building Hard Cost						$ 3,277.73

6. Pre-Construction Services			
6a. Design at Office	**18.00%**		$ 39,332.73
Architectural Design	2.75%		
Interior design	1.20%		
Civil Design	1.20%		
Structural Design	1.40%		
Mechanical Design	1.25%		
Electrical Design	1.25%		
Landscape Design	0.20%		
Specialty Security Design	1.25%		
Geotechnical Investigation	1.00%		
Structural Investigation	0.50%		
Hazardous Materials Consult/Investigation	1.00%		
6b. Site Investigations	**2.5%**		$ 5,462.88
Site Investigations	2.50%		
6c. Assistance prior to Construction	**3.00%**		$ 6,555.45
Estimating	2.00%		
Scheduling	0.70%		
Constructability Review	0.30%		
6d. Site Preparation, Demolition and Special Construction			$ 4,370.30
Site Preparation - 2% of Building Hard Cost			
7. Construction Management Assistance			$ 13,110.91
Management Assistance during Construction - 6%			
8. M & I Government			$ 1,092.58
One-Half percent of Building Hard Cost			
9. D & C - Government PC&B			$ 1,092.58
One-Half percent of Building Hard Cost			
10. D & C - Government Travel and Inspection			$ 1,092.58
One-Half percent of Building Hard Cost			
Total Building Hard Cost incl Gen Contr. Markup			$ 218,515.16
General Contractor's			
Gen Cond, Bond, Overhead and Profit 22%			$ 42,293.26
Construction General Cond, Overhead and Profit - Total	24.0%		
Profit	10.00%		
Overhead	8.00%		
Insurance	1.25%		
Bond	2.40%		
General Conditions	2.30%		
Subcontractor's Costs			$ 176,221.90
Including Markup, from next page			
Special Structures			

					Matl,Labor,Equip			
	Component	Description of Element	Qty	Unit	Rate	MLECost	Subs O & P	Total Subs Cost
		Subcontractor Costs						**$ 175,221.90**
	Demolition of existing Work							
F1020		Demolition of existing	0	SF	$ 2.50	$ -	$ -	$ -
A	**Substructure**							
A1005	Excavation, Building	Excavation and Backfill, sand or gravel, 4 ft Deep	0	SF	$ 2.46	$ -	$ -	$ -
A1010	Foundation	Concrete Strip and Spread Footings, 4 ft Foundation wall	0	SF	$ 9.25	$ -	$ -	$ -
A1030	Slab on Grade	Reinforced Concrete, vapor barrier, base, 6 inch thick	0	SF	$ 3.00	$ -	$ -	$ -
B	**Shell**							
B1010	Structural Floors	Concrete slab with metal deck and beams	0	SF	$ 22.58	$ -	$ -	$ -
B2010	Exterior Walls	Face Brick with reinforced concrete block backup	0	SF	$ 10.22	$ -	$ -	$ -
B2020	Exterior Windows	Bullet Resistant and metal horizontal pivoted	0	SF	$ 315.00	$ -	$ -	$ -
B2030	Exterior Doors	Metal Doors	0	SF	$ 0.88	$ -	$ -	$ -
B3005	Roof Structure	Metal Deck on Steel Joists with Fill	1,444	SF	$ 7.05	$ 10,180.20	$ 1,527.03	$ 11,707.23
B3010	Roof Covering	Elastomeric Membrane	1,444	SF	$ 3.57	$ 5,155.08	$ 773.26	$ 5,928.34
B3020	Roof Openings	Roof Hatches	0	SF	$ 0.01	$ -	$ -	$ -