

The Johns Hopkins Bayview Medical Center
New Inpatient Building
Certificate of Need Completeness Question Response
Attachment A - I NIB New Construction Basement Calculation

Basement Premium - NIB															
Allowable Basement Costs Per Marshall & Swift:															
Basement SF											57,159				
Basement SF after Dept Cost Premium											67,520				
Premium for Basement based on M&S											118.1%				
Basement M&S Cost with Premium										\$	195.28				
Estimated Basement Costs - Independent Estimator															
Independent Estimator - Mat Foundation Cost											Total Unit Price	Total Square Footage	Estimated Cost		
											\$	8	57,159	\$ 457,272	
Independent Estimator - Basement Construction Cost											\$	60	57,159	\$ 3,429,540	
Independent Estimator - Substructure Cost											\$	57	57,159	\$ 3,258,063	
Independent Estimator Fit out Estimate															
											Total Unit Price	Total Square Footage	Estimated Cost		
Pipe Tunnel	\$	33	\$	32	\$	-	\$	-	\$	5	\$	-	\$ 70	1,187	\$ 83,090
Vertical Circulation (Stairs/Elevators)	\$	33	\$	32	\$	-	\$	33	\$	5	\$	30	\$ 133	670	\$ 89,110
Storage	\$	8	\$	7	\$	-	\$	25	\$	5	\$	21	\$ 65	4,821	\$ 313,365
Bed Storage / Repair	\$	79	\$	75	\$	33	\$	40	\$	5	\$	38	\$ 270	1,555	\$ 419,850
Laboratory Services	\$	79	\$	75	\$	33	\$	40	\$	5	\$	38	\$ 270	11,013	\$ 2,973,510
Clinical Engineering	\$	79	\$	75	\$	33	\$	40	\$	5	\$	38	\$ 270	4,275	\$ 1,154,250
Medical Record	\$	13	\$	12	\$	28	\$	35	\$	5	\$	32	\$ 125	3,211	\$ 401,375
Dining Expansion	\$	26	\$	24	\$	28	\$	35	\$	5	\$	32	\$ 150	4,092	\$ 613,800
Mailroom	\$	8	\$	7	\$	14	\$	18	\$	5	\$	14	\$ 65	664	\$ 43,160
Linen and EVS Supply	\$	33	\$	32	\$	23	\$	33	\$	5	\$	30	\$ 156	3,092	\$ 482,352
Water Service / Mechanical	\$	5	\$	5	\$	11	\$	14	\$	5	\$	10	\$ 50	4,337	\$ 216,850
CSP	\$	43	\$	41	\$	33	\$	40	\$	5	\$	38	\$ 200	8,811	\$ 1,762,200
Vertical Circulation (Stairs/Elevators)	\$	33	\$	32	\$	-	\$	33	\$	5	\$	30	\$ 133	1,658	\$ 220,514
Circulation	\$	13	\$	12	\$	-	\$	25	\$	5	\$	21	\$ 75	4,490	\$ 336,750
MEP Spaces	\$	5	\$	5	\$	11	\$	14	\$	5	\$	10	\$ 50	653	\$ 32,650
Elevator Machine Room	\$	5	\$	5	\$	-	\$	14	\$	5	\$	10	\$ 39	250	\$ 9,750
Subtotal															\$ 16,297,451
Plus 15% Contractor General Conditions															\$ 2,444,618
Plus Contractor Contingency															\$ 109,174
Total Construction Cost- Basement															\$ 18,851,242
Basement SF															\$ 57,159
Basement SF Cost Per Independent Estimator															\$ 329.80
Basement SF premium in comparison to M&S															\$ 134.52
Total Basement Premium above M&S															\$ 7,689,233