

## Hall of Waters

Restoration of the Hall of Waters - North Courtyard Spring Room Stabilization			11/29/2022	
DESCRIPTION	Quantity	Unit	Unit \$	TOTAL
<b>Division 1</b>				
<b>General Requirements</b>				
Purchase and Install Permanent Shoring - Solid Plywood, Steel I-Beams with Aluminum Joists above. Set on Treated lumber sills. (with taxes)	1	LS	147,840.00	\$ 147,840.00
Costs to Engineer, Ship, Erect, and Inspect Permanent Shoring	1	LS	118,000.00	\$ 118,000.00
<b>Division 3</b>				
<b>Concrete</b>				
033000 Concrete Repairs				
Budget for repairs to column bases	1	LS	52,000.00	\$ 52,000.00
Budget for grouting beams and irregular surfaces	4,600	SF	3.00	\$ 13,800.00
<b>Division 22</b>				
<b>Plumbing</b>				
220500 Basic Mechanical Materials and Methods for Plumbing				
Relocate water service and piping	1	EA	2,400.00	\$ 2,400.00
<b>Division 26</b>				
<b>Electrical</b>				
260500 Common Work Electrical				
Address potential live electrical wiring and junction boxes - Install new temporary fixtures and conduit throughout	1	LS	5,800.00	\$ 5,800.00
<b>Subtotal Labor and Materials</b>				<b>\$ 334,040.00</b>
<b>Design and Construction Contingency 10%</b>				<b>\$ 33,404.00</b>
<b>General Conditions 8%</b>				<b>\$ 29,395.52</b>
<b>Contractor Fee 8%</b>				<b>\$ 31,747.16</b>
<b>Bonds and Permits 2%</b>				<b>\$ 8,571.73</b>
<b>Subtotal</b>				<b>\$ 437,158.42</b>

MEP Engineer Fee	\$ 3,500.00
Structural Engineer Fee	\$ 6,600.00
Reimbursable Expenses	\$ 250.00
Total AE Fees	\$ 10,350.00

**Total project with Architectural Fees and Expenses \$ 447,508.42**

Hazardous Material Removal and Testing by City (not included)

**Option for Additional Dehumidification and Ventilation \$ 86,000.00**

**Operations and Maintenance - This is an unoccupied space.**

Maintenance, Repairs, and Equipment for Electrical/Plumbing/Replace Bulbs	1	LS	1,840	\$ 1,840.00
Supplies and Equipment (bulbs, filters, cleaning supplies for public hall)	1	LS	200	\$ 200.00
Structural Inspection	1	LS	2,000	\$ 2,000.00
<b>TOTAL Operations for North Courtyard Spring Room:</b>				<b>\$ 4,040.00</b>