

EXHIBIT D

Bid Breakdown (B1 on Proposal Form)

BASE BID SCOPE OF WORK

Battery Park City Authority, 200 - 300 North End Avenue, New York, NY 10282

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>QTY</u>	<u>TOTAL</u>
A. <u>GENERAL CONDITIONS, MOBILIZATION, AND ADMINISTRATIVE SERVICES:</u>				
1	Mobilization and general administrative requirements	LS	-	\$ -
2	Remove and reinstall railings handrails, trellises, etc: Remove site fixtures as required to accomplish the work, including but not limited to railings/handrails, trellises, benches, irrigation systems, and associated components.	LS	-	\$ -
3	Removal and reinstallation of existing electrical junction boxes, and conduit as required in order to accomplish the work.	LS	-	\$ -
4	Coordination with Owner's Landscaping team to carefully remove mature trees and bushes to be temporarily planted in wood containers constructed by the contractor to be located per Owner's instruction.	LS	-	\$ -
SUB-TOTAL				\$ -
B. <u>PLAZA WATERPROOFING@ UPPER PLAZA</u>				
1	Carefully remove and salvage metal and granite base panels for reinstallation along buildings perimeters.	LF	600	\$ -
2	Pavers: Carefully remove and salvage existing asphalt pavers (plaza, ramps, landings, etc.). Reinstall in running bond pattern (as existing) over 3/4" min. pourable asphalt setting bed. Assume 20% of paver replacement.	SF	14,000	\$ -
3	Remove existing plaza/planter waterproofing	SF	29,000	\$ -
4	Plaza/planter deck waterproofing: Prepare and prime concrete plaza and planter decks and install temp membrane/base ply.	SF	14,000	\$ -
5	Plaza/planter deck waterproofing: Install intermediate and final ply of waterproofing system	SF	14,000	\$ -

6	Remove and dispose of existing granite bricks. Replace granite bricks at planters and parapets to match existing.	SF		3300	\$ -
7	Planter #1 - granite panels: Remove, salvage and reinstall stone panels, to be waterproofed.	LF		70	\$ -
8	Reinforced Liquid Membrane: Flashing: Prepare and prime backup and install reinforced liquid membrane flashing at all vertical to horizontal transitions. Planter Curb Waterproofing: At planters #1, #3, #4, #5, #6, and #7, continue membrane up inboard planter wall and over curb.	LF		1,820	\$ -
9	Parapet waterproofing (east central stair): Remove granite bricks down to lintel. Waterproof lintel and continue waterproofing up and over concrete backup. Terminate min. of 4" over fluid applied flashing (plaza). Install mortar net, insulation and staggered weeps above lintel. (Install granite bricks to match.)	SF		280	\$ -
10	Reset granite coping stones: Remove and salvage all granite coping stones at existing planter and parapet walls and re-install on thru-wall metal flashing. Secure with threaded eyebolt rods and dowels set in epoxy.	LF		750	\$ -
11	Existing overburden removal (plaza): Remove existing asphalt setting bed, concrete topping slab, insulation, drainage mat and waterproofing down to structural concrete deck.	SF		11,220	\$ -
12	Soil removal at planters: Remove existing soil, overburden, deck at all planters. Replace soil and gravel bed. Coordinate work with BPCA landscaping team.	LS		-	\$ -
13	Reset granite step stones and landing stones at N. End Ave.: Carefully remove and salvage granite step stones for re-setting. Maintain concrete substructure, waterproof and secure stones as per drawings.	EA		5	\$ -
14	Reset granite steps stones at Warren Street: Carefully remove and salvage granite step stones for re-setting. Maintain concrete substructure, waterproof and secure stones as per drawings.	EA		9	\$ -
15	Reset granite step stones at Murray Street: Carefully remove and salvage granite step stones for re-setting. Maintain concrete substructure, waterproof and secure stones as per drawings.	EA		10	\$ -

	Concrete repairs at deck, and planter walls: Repair concrete with modified repair mortar as per drawings (assume 15%).	SF		4,350	\$ -
16	Install drainage mat, insulation and filter fabric	SF		14,000	\$ -
17	Topping slab: Form and pour porous/pervious concrete (slope to drains) over gravel bed.	SF		12,330	\$ -
18	Remove and replace plaza and planter drains: Remove all existing plaza and planter drain bodies at upper plaza at locations indicated on drawings, replace, connect to piping and waterproof. Snake back piping to 20'.	EA		2	\$ -
19	Replace scupper drains: Remove all existing scupper drain bodies at upper plaza at locations indicated on drawings, replace, connect to piping and waterproof. Snake back piping to 20'.	EA		5	\$ -
20	Relocate plaza drain.	EA		1	\$ -
21	Permanently remove and cap plaza drain.	EA		1	\$ -
22	Trench drain: Replace trench drain and waterproof. Grating to be slip resistant and ADA complaint. Snake back piping to 20'.	LF		64	\$ -
23	Expansion joint (Type 1) – Install split slab expansion system	LS		95	\$ -
24	Expansion joint (Type 2): Install 1 1/4" minimum pre-compressed expansion joint system with factory applied silicone (between metal cover - plaza edge and pavers).	LF		410	\$ -
25	Expansion joint (Type 3): Compressible filler and sealant at soft control joints and paver to masonry interface as indicated on drawings.	LF		1800	\$ -
26	Masonry expansion joints (Type 4): Replace cracked granite bricks Install stabilizers every 6 courses. Install compressible filler and sealant.	LF		20	\$ -
27	Backer rod and sealant: Install backer rod and sealant at window and door frame perimeters at storefront (east central courtyard), transverse coping joints, and as noted on drawings.	LF		150	\$ -
28	<u>Planter #2:</u> Permanently remove planter #2.	LS		-	\$ -
29	Protection at planters (to remain): Provide temporary plywood to seal and protect planter openings until refilled with soil.	EA		6	\$ -
30	Install galvanized steel plate at steel stair landing to parapet connection plate (assume 1/2" x 1'-0")	LF		14	\$ -

31	Install/replace galvanized steel angle (assume 3/8" x 3" x 4")	LF	45	\$ -
32	Railing Posts: Weld 4" x 4" base plates to existing handrail posts and epoxy adhere anchor bolts into topping slab.	EA	20	\$ -
SUB-TOTAL				\$ -
C. LOWER PLAZA				
1	<u>Lower plaza waterproofing (area of metal stair/courtyard):</u> Remove metal base panels along facade walls at lower plaza. Remove 3'-0" of hexagonal pavers, slab on grade, and dirt down to footing/structural slab. Remove existing waterproofing as required to adhere new fluid-applied waterproofing membrane onto existing adhered waterproofing membrane. Terminate over window and door sills as per drawings. Reinstall Panels	SF	2,200	\$ -
2	Install liquid applied flashing	LF	66	\$ -
3	Replace hexagonal pavers	SF	2,200	\$ -
4	<u>Drains:</u> Replace drain bodies and waterproof, as indicated on drawings. Snake associated drain piping back 20'.	EA	2	\$ -
5	<u>Exterior back-up wall waterproofing (location of central courtyard w/metal stair):</u> Install vapor barrier up at back-up wall/columns at north, south, and west elevations, lap vapor barrier a min. of 4" over new fluid-applied membrane. Replace granite bricks to match existing.	LF	110	\$ -
6	Temporarily remove aluminum door and salvage for reinstallation. Install temporary enclosure or infill.	LS	-	\$ -
SUB-TOTAL				\$ -
D. INTERIOR:				
1	<u>Grout Injection and Crack Repair at Interior Stair and Foundation Wall:</u> Injection grouting at interior stair landing and foundation wall. Area to be treated with crystalline waterproofing.	SF	200	\$ -
2	<u>Tiled pier and finishes:</u> Remove existing tile panels. Patch and waterproofing and rebuild. Repair finishes damaged by water. Repair, prime and paint interior plaster. Replace removed interior finishes to match existing.	LS	-	\$ -
SUB-TOTAL				\$ -

E. SIDEWALK:

1	Murray Street and Warren St: Replace concrete sidewalk as indicated on drawings. Waterproof, install control joints and expansion joints as required.	SF		280	\$ -
2	North End Ave: Remove bluestone paving and reset as required to allow for waterproofing of trench drain.	LF		65	\$ -
SUB-TOTAL					\$ -
TOTAL PROJECT COST					\$ -