

PROJECT ID: 22-02 Astoria Boulevard
 22-08 Astoria Boulevard Queens, NY 11102
 SCOPE: SOE, Demolition, Excavation, Concrete



COMPANY INFORMATION: USA CONSTRUCTION ESTIMATING

CONTACT: +1 760 814 9551
 E-MAIL ADDRESS: info@usaconstructionestimating.com
 PHONE NUMBER:
 Date:

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
GENERAL REQUIREMENTS									
1		Supervision	1	LS			\$0	\$0	
2		Permits	1	LS			\$0	\$0	
3		Final Clean-up	1	LS			\$0	\$0	
4		Mobilization Costs	1	LS			\$0	\$0	
5		Project Overheads	1	LS			\$0	\$0	
6		Bonds	1	LS			\$0	\$0	
7		Temporary Control & Facilities	1	LS			\$0	\$0	
Subtotal (General Requirements)									\$0
DIVISION 02- SITE WORK/ EXISTING CONDITIONS									
Basement Demo									
8		2x8 @ 16" OC Wood Joist W/ 3" Plank To Be Hand Tool Demolished	974	SF		\$3	\$3	\$2,923	
9		The Steel Stair To be Removed	1	EA		\$300	\$300	\$300	
10		Steel Beam to be Removed	52	LF		\$5	\$5	\$259	
11		Exist Concrete Foundation Wall & Footing to be Removed (12' H)	31	LF		\$10	\$10	\$312	
12	DM-102	Steel Column To Be Removed	4	EA		\$100	\$100	\$400	
13	DM-103	4" Thick Concrete SOG to be Hand Tool Removed	977	SF		\$5	\$5	\$4,887	
14		(1'-9"x2'-0") Concrete Toe To Be Removed	117	LF		\$10	\$10	\$1,172	
Roof Framing & Beam & Brick Wall Demo									
15		1st Floor Brick Wall To be Removed (18'-6" H)	300	LF		\$10	\$10	\$3,001	
16		Steel Beam to be Removed	103	LF		\$5	\$5	\$516	
17		Steel Column to be Removed	2	EA		\$5	\$5	\$10	
18		2x8 @ 16" O.C. Wood Joists W/ Deck to be Removed	4149	SF		\$3	\$3	\$12,446	
SOE (Support of Excavation)									
19		2'x2'x2' Heel Concrete Reinforced Block (31 EA)	9	CY	\$450	\$200	\$650	\$5,970	
20		4'x4'x2' Heel Block (1 EA)	1	CY	\$450	\$200	\$650	\$770	
21		W 6x25 Rackers (221 LF)	5514	Lbs	\$3	\$2	\$4	\$22,057	
22		W 6x25 Rackers (94 LF)	2338	Lbs	\$3	\$2	\$4	\$9,351	
23		C15x33.9 (230 LF)	7800	Lbs	\$3	\$2	\$4	\$31,200	
24		C10x15.3 (230 LF)	3520	Lbs	\$3	\$2	\$4	\$14,082	
25	SOE-100	1/2" Dia Anchor Rod	144	EA	\$120	\$80	\$200	\$28,800	
26		16x16x3/4 Base Plate W/ 4-3/4" Dia Anchor Rod	35	EA	\$120	\$80	\$200	\$7,000	
27		2'-2"x4'-0"x3'-0" Thick Underpinning W/ 72 SF Timber Formwork (Re use As Req) (14 EA) 4'x3'x2'-2")	15	CY	\$200	\$100	\$300	\$4,476	
Subtotal (Site Work/ Existing Conditions)									\$149,933
DIVISION 03- CONCRETE									
28		Excavation	252	CY		\$30	\$30	\$7,560	
Foundation Plan									
Slab on Grades									
29		24" Thick Mat Slab Reinforced W/ #8@9" Top and Bottom (Long) & #8@12" Top and Bottom (Short)	988	SF	\$8	\$5	\$13	\$12,850	
30		6" Thick Reinforced W/ WWF 4x4-W4.0xW4.0	2946	SF	\$8	\$5	\$13	\$38,294	
Grade Beam									
31		GB1 As: 24"x24" Reinforced W/ 3#5 & 6#8 Bars & #3-4L @ 6" O.C.	2	CY	\$450	\$200	\$650	\$1,397	
32		GB2 As: 36"x24" Reinforced W/ 4#5 & 8#8 Bars & #3-6L @ 6" O.C.	17	CY	\$450	\$200	\$650	\$11,179	
33		G32 As: 48"x24" Reinforced W/ 5#5 & 10#8 Bars & #3-8L @ 6" O.C.	5	CY	\$450	\$200	\$650	\$3,168	
Pad Footing									
34		24" Thick Concrete Reinforced Footing	24	CY	\$450	\$200	\$650	\$15,434	
Isolated Footings									
35		F4040 As: 4'x4'x18" Reinforced W/ #5 Bars	1	CY	\$450	\$200	\$650	\$578	
36		F5030 As: 5'x3'x2' Reinforced W/ #6 & #5 Bars	1	CY	\$450	\$200	\$650	\$722	
37		F6040 As: 6'x4'x2' Reinforced W/ #6 & #7 Bars	2	CY	\$450	\$200	\$650	\$1,156	
38		F7050 As: 7'x5'x2' Reinforced W/ #6 & #7 Bars	8	CY	\$450	\$200	\$650	\$5,056	
39	FO-100	F7070 As: 7'x7'x2' Reinforced W/ #8 Bars	4	CY	\$450	\$200	\$650	\$2,359	
40		F8080 As: 8'x8'x2' Reinforced W/ #7 Bars	5	CY	\$450	\$200	\$650	\$3,081	
41		F8050 As: 8'x5'x2' Reinforced W/ #6 & #7 Bars	3	CY	\$450	\$200	\$650	\$1,926	
42		F9090 As: 9'x9'x2' Reinforced W/ #8 Bars	6	CY	\$450	\$200	\$650	\$3,900	
43		F9575 As: 9.5'x9.5'x24" Reinforced W/ #8 Bars	7	CY	\$450	\$200	\$650	\$4,345	
44		F10055 As: 10'x5.5'x2' Reinforced W/ #6 & #7 Bars	4	CY	\$450	\$200	\$650	\$2,648	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST	
Concrete Walls										
45		12" Thick Concrete Reinforced Wall	23	CY	\$450	\$200	\$650	\$15,051		
46		10" Thick Concrete Reinforced Wall	71	CY	\$450	\$200	\$650	\$46,051		
Elevator Pit										
47		24" Thick Mat Slab Reinforced W/ #8@9" Top and Bottom (Long) & #8@12" Top and Bottom (Short)	94	SF	\$8	\$5	\$13	\$1,224		
48		12.8 SF Elevator Pit Thickened Reinforced Edge	18	CY	\$450	\$200	\$650	\$12,009		
Shear Walls										
49		10" Thick Shear Wall SW1 Reinforced W/ #5 & #6 Bars	42	CY	\$450	\$200	\$650	\$27,485		
50		10" Thick Shear Wall SW2 Reinforced W/ #5 & #6 Bars	50	CY	\$450	\$200	\$650	\$32,221		
51		8" Thick Shear Wall SW3 Reinforced W/ #5 Bars	24	CY	\$450	\$200	\$650	\$15,831		
52		8" Thick Shear Wall SW4 Reinforced W/ #5 Bars	12	CY	\$450	\$200	\$650	\$7,680		
53		8" Thick Shear Wall SW5 Reinforced W/ #5 & #6 Bars	9	CY	\$450	\$200	\$650	\$6,067		
1st Floor Plan										
Concrete Beams										
54	S-200	CB1 As: 8x12 Reinforced W/ 3#6 & 3#5 Bars & #3 @ 4" & 12" O.C.	0.36	CY	\$450	\$200	\$650	\$231		
Concrete Slabs										
55		8" Thick Concrete Slab Reinforced W/ #4 Bars	3966	SF	\$8	\$5	\$13	\$51,559		
56		8" Thick Concrete Stair Landing Reinforced W/ #4 Bars	44	SF	\$8	\$5	\$13	\$577		
Concrete Walls										
57		12" Thick Concrete Reinforced Wall	24	CY	\$450	\$200	\$650	\$15,383		
58		10" Thick Concrete Reinforced Wall	71	CY	\$450	\$200	\$650	\$46,079		
2nd Floor										
Concrete Beams										
59	S-201	CB1 As: 10x24 Reinforced W/ 6#6 Bars & #3 @ 12" O.C.	1	CY	\$450	\$200	\$650	\$585		
60		CB2 As: 8x12 Reinforced W/ 3#6 & 3#5 Bars & #3 @ 4" & 12" O.C.	0.40	CY	\$450	\$200	\$650	\$257		
Concrete Slabs										
61		8" Thick Concrete Slab Reinforced W/ #4 Bars	3856	SF	\$8	\$5	\$13	\$50,127		
62		8" Thick Concrete Stair Landing Reinforced W/ #4 Bars	40	SF	\$8	\$5	\$13	\$517		
3rd to 5th Floor										
Concrete Beams										
63	S-202	CB1 As: 10x24 Reinforced W/ 6#6 Bars & #3 @ 12" O.C.	1	CY	\$450	\$200	\$650	\$587		
64		CB2 As: 8x12 Reinforced W/ 3#6 & 3#5 Bars & #3 @ 4" & 12" O.C.	0.39	CY	\$450	\$200	\$650	\$252		
Concrete Slabs										
65		8" Thick Concrete Slab Reinforced W/ #4 Bars	2846	SF	\$8	\$5	\$13	\$37,003		
66		8" Thick Concrete Stair Landing Reinforced W/ #4 Bars	39	SF	\$8	\$5	\$13	\$507		
67		7-1/2" Thick Concrete Balcony Slab Reinforced W/ #4, #5 & #6 Bars	282	SF	\$8	\$5	\$13	\$3,660		
Roof Plan										
Concrete Beams										
68	S-203	CB1 As: 10x24 Reinforced W/ 6#6 Bars & #3 @ 12" O.C.	1	CY	\$450	\$200	\$650	\$580		
69		CB2 As: 8x12 Reinforced W/ 3#6 & 3#5 Bars & #3 @ 4" & 12" O.C.	0.37	CY	\$450	\$200	\$650	\$239		
Concrete Slabs										
70		10" Thick Concrete Roof Slab Reinforced W/ #5 Bars	2826	SF	\$8	\$5	\$13	\$36,741		
71		10" Thick Concrete Roof Balcony Slab Reinforced W/ #5 Bars	280	SF	\$8	\$5	\$13	\$3,638		
Bulkhead/ Elevator Roof Plan										
72	S-204	8" Thick Concrete Bulkhead Roof Slab Reinforced W/ #4 Bars	712	SF	\$8	\$5	\$13	\$9,252		
Stairs										
Basement										
73	S-201 to S-204	8" Thick Concrete Stair Reinforced W/ #4 Bar	3	CY	\$450	\$200	\$650	\$1,976		
First Floor										
74		8" Thick Concrete Stair Reinforced W/ #4 Bar	2	CY	\$450	\$200	\$650	\$1,171		
Second Floor										
75		8" Thick Concrete Stair Reinforced W/ #4 Bar	2	CY	\$450	\$200	\$650	\$1,163		
3rd Floor										
76		8" Thick Concrete Stair Reinforced W/ #4 Bar	2	CY	\$450	\$200	\$650	\$1,084		
4th Floor										
77	8" Thick Concrete Stair Reinforced W/ #4 Bar	2	CY	\$450	\$200	\$650	\$1,163			
5th Floor										
78		8" Thick Concrete Stair Reinforced W/ #4 Bar	2	CY	\$450	\$200	\$650	\$1,163		
Columns										
Cellar Floor										
79		30 x 48 Reinforced W/(20) # 8	0.37	CY	\$450	\$200	\$650	\$241		
80		10 x 22 Reinforced W/(6) # 6	2.96	CY	\$450	\$200	\$650	\$1,926		
81		12 x 24 Reinforced W/(6) # 6	1.11	CY	\$450	\$200	\$650	\$722		
82		12" dia Reinforced W/(6) # 6	0.74	CY	\$450	\$200	\$650	\$481		
83		12 x 24 Reinforced W/(6) # 7	0.37	CY	\$450	\$200	\$650	\$241		
84		12 x 22 Reinforced W/(6) # 6	0.37	CY	\$450	\$200	\$650	\$241		
85		12 x 22 Reinforced W/(6) # 7	0.74	CY	\$450	\$200	\$650	\$481		
86		12 x 16 Reinforced W/(6) # 7	0.37	CY	\$450	\$200	\$650	\$241		
87		12 x 16 Reinforced W/(6) # 6	0.37	CY	\$450	\$200	\$650	\$241		
88		8 x 48 Reinforced W/(8) # 7	0.74	CY	\$450	\$200	\$650	\$481		
89		22 x 22 Reinforced W/(8) # 7	0.37	CY	\$450	\$200	\$650	\$241		
90		8 x 24 Reinforced W/(6) # 5	0.37	CY	\$450	\$200	\$650	\$241		
1st Floor										

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
SUBTOTAL									\$723,830.70
OVERHEAD			15%					\$108,574.61	
INSURANCE			3%					\$21,714.92	
CONTINGENCY			5%					\$36,191.54	
TOTAL BASE BID									\$890,311.77

Note: Assumed all the heights to be 10' feet