

RIDER "C"
ALTERNATES AND UNIT PRICES
JAVITS CENTER – TRANSFORMER BUILDING
NEW YORK, NEW YORK

September 15, 2016

TRADE: EXCAVATION, FOUNDATION, & CAISSONS

At the Construction Manager's option in accordance with the article entitled "Changes and Extras" of the Contract, the following Alternates and Unit Prices shall be used for all additions and/or deletions to the Scope of Work and shall be inclusive of furnishing and installing of all material, labor, trucking, overhead, profit, equipment, hoisting, rigging, engineering, scaffolding, power hookups, protection, shop drawings, applicable taxes, applicable insurances, permits, appliances, storage, delivery and supervision and shall remain in effect until completion of the project. Items covered by these prices shall be furnished in accordance with the Specifications and in quantities and locations as directed by the Construction Manager.

ALTERNATES

ALTERNATE NO. 1

Should this contractor be directed to commence this field operation for *Phase One - Installation of Cassions* on January 9, 2017 and complete operations in Six (6) weeks. This includes all cost related to the acceleration of shop drawings, procurement, fabrication and field work.

Add\$_____ /ls

ALTERNATE NO. 2

Should this contractor be directed to commence this field operation for *Phase One - Installation of Cassions* on December 19, 2016 and complete operations in Six (6) weeks. This includes all cost related to the acceleration of shop drawings, procurement, fabrication and field work.

Add\$_____ /ls

ALTERNATE NO. 3

Should this contractor be directed to commence this field operation for *Phase Two: Installation of Grade Beam and Slab on Grade* on October 15, 2018 and complete operations in Four (4) weeks. This includes all cost related to the acceleration of shop drawings, procurement, fabrication and field work.

Add\$_____ /ls

ALTERNATE NO. 4

Should this contractor be directed to provide required **Selective Demolition** as outlined below

Add\$_____ /ls

a. Phase A

i. Precast Panels- 10'x10'x8"

- 1. Contractor to remove required precast panels and supporting steel support.**
 - a. West Elevation – 110' L.F. x 20'-0" between Column Lines 1420-1300 along AO Line**
 - b. North Elevation – 100' L.F. x 20'-0" between Column Lines Ao-A5 along 1420 line.**
- 2. This contractor to provide all required equipment and/or cranes to remove panels.**

FIRM NAME: _____

3. This contractor to provide all required carting/trucking of panels off site.
- ii. Firepump Room
 1. This contractor is to remove parapet walls as directed by Construction Manager to allow for steel erection above.
 2. This contractor to provide all required carting/trucking of panels off site.
 - iii. Guard Shack
 1. Contractor to remove in its entirety including all contents.
 2. This contractor to provide all required equipment.
 3. This contractor to provide all required carting off site.
 - iv. Chain link Fence
 1. Contractor to remove in its entirety.
 2. This contractor to provide all required equipment.
 3. This contractor to provide all required carting off site.
- b. Phase B:
- i. Firepump Room
 1. This contractor to remove in its entirety the structure.
 2. This contractor to provide all required equipment.
 3. This contractor to provide all required carting off site.
 - ii. Upper Ramp
 1. Contractor to remove required precast panels.
 2. This contractor to provide all required equipment and/or cranes to remove panels.
 3. This contractor to provide all required carting/trucking of panels off site.

FIRM NAME: _____

UNIT PRICES

A. Excavation and Foundation

1.	Unclassified excavation	Excavate & Load + Transport & Dispose =	Total
a.	General cut	\$ _____/cy + \$ _____/cy =	\$ _____/cy
b.	Trenches	\$ _____/cy + \$ _____/cy =	\$ _____/cy
c.	Footings and pit	\$ _____/cy + \$ _____/cy =	\$ _____/cy
d.	Removal of rubble fill	\$ _____/cy + \$ _____/cy =	\$ _____/cy
e.	Conversion multiplier for tons/cy (average of dry & wet)		
	1. In-Situ		_____
	2. Loaded in truck		_____
f.	Transportation and disposal of contaminated soil		
	1. Petroleum		\$ _____/ton
	2. Lead		\$ _____/ton
	3. Heavy metals		\$ _____/ton
	4. NJ residential		\$ _____/ton
	5. PA residential		\$ _____/ton
	6. Chemicals		\$ _____/ton
2.	Rock excavation {All classes of rock}		
a.	General cut		\$ _____/cy
b.	Trenches		\$ _____/cy
c.	Footings and pits		\$ _____/cy
d.	8" o.c.		\$ _____/sf
e.	10" o.c.		\$ _____/sf
3.	Sheeting and shoring		
a.	General areas: Soldier Piles, Walers, and Lagging		\$ _____/sf
b.	Piers, pits, trenches, verticals		\$ _____/sf
c.	Steel Sheeting, Walers and Rakers		\$ _____/sf
d.	Slurry Trench		\$ _____/sf
e.	Mobilization and demobilization cost for slurry trench operation		\$ _____/ls
4.	Underpinning work (including all required excavation, pumping, concrete, shims, braces, drawings by P.E., etc.)		\$ _____/sf
5.	Concrete forms		
a.	Footings and Caps		\$ _____/sf
b.	Piers		\$ _____/sf
c.	Walls (one sided)		\$ _____/sf
d.	Walls (two sided)		\$ _____/sf
e.	Pressure Slab on grade		\$ _____/sf
f.	Slabs on Slab		\$ _____/sf
g.	Curbs		\$ _____/sf
6.	Normal Weight Concrete – in place		
a.	Footings, Caps, and Piers		\$ _____/cy
b.	Walls		\$ _____/cy
c.	Column Buttresses		\$ _____/cy
d.	Pit walls		\$ _____/cy
e.	Slabs on Grade		\$ _____/cy
f.	Misc. Fills		\$ _____/cy

FIRM NAME: _____

UNIT PRICES - continued

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|-----|---|---------------|
| 7. | Reinforcing steel in place (including accessories, shop drawings, etc.) | |
| a. | Footings, Caps, and Piers | \$ _____/lb |
| b. | Walls | \$ _____/lb |
| c. | Column Buttresses | \$ _____/lb |
| d. | Pit walls | \$ _____/lb |
| e. | Slabs on Grade | \$ _____/lb |
| f. | Add for epoxy coating | \$ _____/lb |
| g. | Mesh 6 x 6 W2.1 x W2.1 | \$ _____/sf |
| h. | Mesh 6 x 6 W2.9 x W2.9 | \$ _____/sf |
| i. | Stainless Steel | \$ _____/lb |
| j. | Micro Fiberglass | \$ _____/lb |
| 8. | Water stops - furnished and installed | |
| a. | PVC | \$ _____/lf |
| b. | Bentonite rope | \$ _____/lf |
| 9. | Foundation drainage system in place | |
| a. | 6" diameter schedule 40 pipe | \$ _____/lf |
| b. | 6" diameter schedule 40 pipe fittings | \$ _____/ea |
| c. | 5" diameter weep hole pipe with stainless steel screens both ends | \$ _____/lf |
| d. | Porous fill including fine grading | \$ _____/cy |
| 10. | Mud slab, 3" thick, un-reinforced | \$ _____/sf |
| 11. | Screed Finish | \$ _____/sf |
| 12. | Monolithic float finishes including pull up and screeding | \$ _____/sf |
| 13. | Monolithic troweled finishes including pull up and screeding | \$ _____/sf |
| 14. | Vapor barrier per covered area (10 mil) | \$ _____/sf |
| 15. | Curing and Protection | |
| a. | Liquid Membrane Curing Compound | \$ _____/sf |
| b. | Wet burlap and/or water spray | \$ _____/sf |
| c. | Dustproof Hardener Compound | \$ _____/sf |
| d. | Dustproof Curing Compound | \$ _____/sf |
| 16. | Stone fill 1 ½" | \$ _____/cy |
| 17. | Compacted gravel backfill | \$ _____/cy |
| 18. | Winter concrete | |
| a. | Concrete | \$ _____/cy |
| b. | Protection and heat. | \$ _____/sf |
| 19. | Additional operation and maintenance of dewatering system beyond completion of contract work. | \$ _____/week |

FIRM NAME: _____

UNIT PRICES - continued

C. Caissons

1. Change in caisson shell length to rock due to actual field conditions. These unit prices are applicable for either increase or decrease in length and including all pre-auguring, drilling, obstructions, shells, coordinate delivery of steel cores by others, concrete, reinforcing steel, and other appurtenances for a complete job.
 - a. 42" diameter caisson.
 1. Additional length \$ _____/lf
 2. Reduction of length \$ _____/lf
 - b. 48" diameter caisson.
 1. Additional length \$ _____/lf
 2. Reduction of length \$ _____/lf
 - c. xx" diameter secant pile.
 1. Additional length \$ _____/lf
 2. Reduction of length \$ _____/lf

2. Change in caisson rock socket length due to actual field conditions. These unit prices are applicable for both increase and decrease in length and including all drilling, coordinate delivery of steel cores by others, concrete, reinforcing steel, and other appurtenances for a complete job.
 - a. 42" diameter caisson.
 1. Additional length \$ _____/lf
 2. Reduction of length \$ _____/lf

3. Caisson installation equipment
 - a. Shell installation equipment
 1. Site mobilization & demobilization \$ _____/ea rig
 - b. Rock coring equipment
 1. Site mobilization & demobilization \$ _____/ea rig
 - c. Spare rock coring drill bits
 1. All caissons \$ _____/ea

4. Stone concrete-in-place by tremie
 - a. 5,000 psi \$ _____/cy
 - b. 6,000 psi \$ _____/cy
 - c. 8,000 psi \$ _____/cy

5. Hoisting of material for other trades per 1/2 hour of crane time including crew \$ _____/pick

6. Hourly Rate for drilling, includes rig and labor, for either casings, or rock sockets. \$ _____/hr

7. Rental of welding machine including operator \$ _____/hr

D. General Requirement Items

1. Fence System per Contract Documents
 - a. 12'-0" High Construction fence system with sound attenuation \$ _____/lf
 - b. 8'-0" High Chainlink Construction fence system with galvanize, top and bottom rails, windscreen. \$ _____/lf
 - c. 4'-0" High Chainlink tree protection fence system \$ _____/lf
 - d. 30'-0" wide sliding gates \$ _____/ea
 - e. 4'-0" wide personnel gates \$ _____/ea
 - f. 3'-0" wide personnel gates \$ _____/ea

2. Temporary stair system per Contract Documents
 - a. From ground level to bottom of excavation \$ _____/ea
 - b. Additional month of rental \$ _____/month

FIRM NAME: _____

UNIT PRICES - continued

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|-----|--|--------------|
| 3. | Temporary Roadway, Logistics and trailer areas | |
| a. | Gravel Sub-base | \$ _____/cy |
| b. | Asphalt Binder Course | \$ _____/ton |
| c. | Asphalt Top Course | \$ _____/ton |
| 4. | Soil Stabilization Fabric | \$ _____/sf |
| 5. | Crushed Stone base and backfill | |
| a. | ¾" Crushed Stone | \$ _____/cy |
| b. | 1 ½" Crushed Stone | \$ _____/cy |
| c. | 2" Crushed Stone | \$ _____/cy |
| d. | 3" Crushed Stone | \$ _____/cy |
| e. | 4" Crushed Stone | \$ _____/cy |
| 6. | Sand Backfill including compaction | \$ _____/cy |
| 7. | In Situ Backfill including compaction | \$ _____/cy |
| 8. | Topsoil | \$ _____/cy |
| 9. | Erosion Control Barriers | \$ _____/lf |
| 10. | Grass Seeding for Erosion and Dust Control | \$ _____/sf |
| 11. | Hay Bales for Erosion Control | \$ _____/ea |
| 12. | Tree Removal including Stumps | |
| a. | Up to 6" Caliper | \$ _____/ea |
| b. | 6" to 12" Caliper | \$ _____/ea |
| c. | 12" to 24" Caliper | \$ _____/ea |
| d. | 24" to 36" Caliper | \$ _____/ea |
| 13. | Schedule 40 PVC Pipe and fittings in place, does not include excavation, bedding material, or backfill | |
| a. | 4" diameter pipe | \$ _____/lf |
| b. | 6" diameter pipe | \$ _____/lf |
| c. | 8" diameter pipe | \$ _____/lf |
| d. | 12" diameter pipe | \$ _____/lf |
| e. | 18" diameter pipe | \$ _____/lf |
| f. | 24" diameter pipe | \$ _____/lf |
| g. | Add for change to Schedule 80 PVC pipe | \$ _____/lf |
| 14. | Schedule 40 High Density Polyethylene Pipe and fittings in place, does not include excavation, bedding material, or backfill | |
| a. | 6" diameter pipe | \$ _____/lf |
| b. | 12" diameter pipe | \$ _____/lf |
| c. | 18" diameter pipe | \$ _____/lf |
| d. | 24" diameter pipe | \$ _____/lf |
| e. | 30" diameter pipe | \$ _____/lf |
| f. | 36" diameter pipe | \$ _____/lf |
| g. | Add for change to Schedule 80 High Density Polyethylene pipe | \$ _____/lf |

FIRM NAME: _____

UNIT PRICES - continued

15. Ductile Iron Pipe, fittings, and concrete thrust blocks in place, does not include excavation, bedding material, or backfill
- a. 4" diameter pipe \$ _____/lf
 - b. 6" diameter pipe \$ _____/lf
 - c. 8" diameter pipe \$ _____/lf
 - d. 12" diameter pipe \$ _____/lf
 - e. Gate Valves
 - 1. 4" diameter pipe \$ _____/ea
 - 2. 6" diameter pipe \$ _____/ea
 - 3. 8" diameter pipe \$ _____/ea
 - 4. 12" diameter pipe \$ _____/ea
 - f. Post Indicator Valves \$ _____/ea
16. Type "L" Copper Pipe and fittings in place, does not include excavation, bedding material, or backfill
- a. ¾" diameter pipe \$ _____/lf
 - b. 1" diameter pipe \$ _____/lf
 - c. 1 ½" diameter pipe \$ _____/lf
 - d. 2" diameter pipe \$ _____/lf
 - e. Gate Valves
 - 1. ¾" diameter pipe \$ _____/ea
 - 2. 1" diameter pipe \$ _____/ea
 - 3. 1 ½" pipe \$ _____/ea
 - 4. 2" diameter pipe \$ _____/ea
17. Yard Hydrants \$ _____/ea
18. Buried Pipe Insulation
- a. ¾" diameter pipe \$ _____/lf
 - b. 1" diameter pipe \$ _____/lf
 - c. 1 ½" diameter pipe \$ _____/lf
 - d. 2" diameter pipe \$ _____/lf
 - e. 4" diameter pipe \$ _____/lf
 - f. 6" diameter pipe \$ _____/lf
 - g. 8" diameter pipe \$ _____/lf
 - h. 12" diameter pipe \$ _____/lf
19. Furnish and install Pipe Heat Tracing \$ _____/lf
20. Precast Concrete Utility Structures including Metal Castings in place, does not include excavation, bedding material, or backfill.
- a. Manhole \$ _____/ea
 - b. Catchbasin \$ _____/ea
 - c. Electrical Pull Box (Power) \$ _____/ea
 - d. Electrical Pull Box (Communication) \$ _____/ea

FIRM NAME: _____