

## Attachment I

ABC Contractors, Inc.  
 Bid Estimate - City of New York Zoo Tunnel Project  
 Bid Date: March 25, 2003

Bid Item	Item Qty	Cost Type	Description	UOM	Units	Rate	Amount
1 - Blast Wall	1 EA	Subcontract	Acme Blast, Inc.	LS	1	\$ 5,800	\$ 5,800
<b>Item 1 Total</b>							<b>5,800</b>
2 - Excavate/Clear Debris	56,000 CY	Labor (1)	1 Foreman, 1 Operator, 3 Teamsters, 2 Laborer:	HRS	560	20	11,200
		Equipment	Dump Truck (Terex 50T)	HRS	80	48	3,840
			Dump Truck (Wabco 50T)	HRS	80	48	3,840
			Dump Truck (Terex 35T)	HRS	80	42	3,360
			Loader Backhoe (JD)	HRS	80	40	3,200
<b>Item 2 Total</b>							<b>25,440</b>
3 - Install Rock Bolts	200 EA	Labor (1)	1 Foreman, 2 Laborers (1 part time)	HRS	60	21	1,260
		Equipment	Scaffold (Outside Rental)	MOS	1	550	550
		Material	Rock Bolts	EA	200	10	2,000
<b>Item 3 Total</b>							<b>3,810</b>
4 - Place Concrete Forms	600 SY	Labor (1)	1 Foreman, 2 Carpenters, 2 Laborers	HRS	40	25	1,000
		Material	Forming Material	SY	600	6	3,600
			2x4's	EA	200	2	400
<b>Item 4 Total</b>							<b>5,000</b>
5 - Pour Concrete (2)	940 CY	Labor (1)	1 Foreman, 2 Cement Masons, 2 Laborers	HRS	400	25	10,000
		Equipment	Concrete Trucks - Owner Operated (4 ea)	HRS	320	50	16,000
		Material	Concrete	CY	940	40	37,600
			Reinforcing Steel	LB	600	4	2,400
<b>Item 5 Total</b>							<b>66,000</b>
6 - Remove Forms	600 SY	Labor (1)	1 Foreman, 6 Laborers (1 part time)	HRS	50	16	800
<b>Item 6 Total</b>							<b>800</b>
<b>Total Direct Cost</b>							<b>106,850</b>
<b>Field Overhead @ 15%</b>							<b>16,028</b>
<b>Subtotal</b>							<b>122,878</b>
<b>Overhead &amp; Profit @ 10%</b>							<b>12,288</b>
<b>Total</b>							<b>\$ 135,166</b>
<b>Bid Submitted</b>							<b>\$ 135,000</b>

**Notes:**

- (1) Labor estimates based on an eight hour shift per day, seven days per week. Due to negotiated arrangement with labor unions, overtime rates do not apply to Saturday or Sunday hours, unless more than 8 hours are worked. Overtime rates (at 1.5 times regular rate) to be paid only on hours exceeding 8 per day.
- (2) Pour concrete includes placement of reinforcing steel.