MAY 3 1 2009
#7

URS|CASH & ASSOCIATES

ORDER OF MAGNITUDE ESTIMATE OF PROBABLE CONSTRUCTION COST

Client: City of Santa Barbara
Project: Marina 1
Phase 1 - Headwalk Replacement

Job No.: 6483.00
Submittal : Final
File :

Prepared By: DAC
Checked By : RHM
Date : 4/27/2009

Div	Description	Qty	Units	Unit	Amount	Subcontract Cost Unit	Subcontract Cost Amount	TOTAL
	Mobilization/Demobilization	1	ls			$35,000.00	$35,000	$35,000
	Demolition							
	Docks	11600	sf			$9.00	$104,400	$104,400
	New Docks + accessories							
	Headwalks	11600	sf			$75.00	$870,000	$870,000
	Gangways							
	Standard replacement	1	ea			$30,000.00	$30,000	$30,000
	Waterside Utilities							
	Electrical System	1	ls			$150,000.00	$150,000	$150,000
	Mechanical System	1	ls			$50,000.00	$50,000	$50,000
	Landside Utilities							
	Electrical System	1	ls			$350,000.00	$350,000	$350,000
	Switchgear Enclosure	1	ls			$10,000.00	$10,000	$10,000
	Paving/Grading	1	ls			$10,000.00	$10,000	$10,000

Sub-Total		$1,609,400
General Contractor OH&P (Percent) :	10	$160,940
Sub-Total		$1,770,340
Contingency (Percent) :	10	$177,034
Construction Total:		$1,947,374
Soft Costs:	10	$177,034
Sub Total:		$2,124,408
Change Order Authorization:	10	$212,441
Year 2009 Escalation:	2	$32,188
Grand Total:		$2,369,037

Costing Basis:

1. 2nd quarter of 2008 pricing
2. Actual bids could range between 10% lower or higher than estimate, based on construction industry conditions at the time of bidding.
3. Soft Costs: (% of ConstrCost)
   Design (3% to 5%)
   Permits (1% to 1.5%)
   Construction Surveillance (2% to 3%)
   Inspections/Testing (0.5% to 1%)
4. Escalation estimated at 2% for FY2009, 2% for FY2010, 3% for FY2011, and 4% for FY2012.

ATTACHMENT #2

CASH & ASSOCIATES

ORDER OF MAGNITUDE ESTIMATE OF PROBABLE CONSTRUCTION COST

Client: City of Santa Barbara
Project: Marina 1
Phase 2 - Fingers O and P

Job No.: 6452.00
Phase :
File :

Prepared By: DAC
Checked By : RHM
Date : 4/27/2009

Div	Description	Qty	Units	Unit	Amount	Subcontract Cost Unit	Subcontract Cost Amount	TOTAL
	Mobilization/Demobilization	1	ls		$0	$20,000.00	$20,000	$20,000
	Demolition							
	Docks	11524	sf		$0	$7.50	$86,430	$86,430
	New Docks + accessories							
	Finger Headwalks	4544	sf		$0	$55.00	$249,920	$249,920
	Fingers	6980	sf		$0	$44.00	$307,120	$307,120
	Waterside Utilities							
	Electrical System	36	ea		$0	$2,500.00	$90,000	$90,000
	Mechanical System	36	ea		$0	$700.00	$25,200	$25,200
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0
						Sub-Total		$778,670
						General Contractor OH&P (Percent) :	10	$77,867
						Sub-Total		$856,537
						Contingency (Percent) :	10	$85,654
						Construction Total:		$942,191
						Soft Costs:	15	$128,481
						Sub Total:		$1,070,671
						Change Order Authorization:	10	$107,067
						Year 2010 Escalation:	4	$31,147
						Grand Total:		$1,208,885

Costing Basis:

1. 2nd quarter of 2008 pricing
2. Actual bids could range between 10% lower or higher than estimate, based on construction industry conditions at the time of bidding.
3. Soft Costs: (% of ConstrCost)
   Design (10%)
   Permits (1% to 1.5%)
   Construction Surveillance (2% to 3%)
   Inspections/Testing (0.5% to 1%)
4. Escalation estimated at 2% for FY2009, 2% for FY2010, 3% for FY2011, and 4% for FY2012.

#7

CASH & ASSOCIATES

ORDER OF MAGNITUDE ESTIMATE OF PROBABLE CONSTRUCTION COST

Client: City of Santa Barbara
Project: Marina 1
Phase 3 - Finger N

Job No.: 6452.00
Phase :
File :

Prepared By: DAC
Checked By : RHM
Date : 4/27/2009

Div	Description	Qty	Units	Unit	Amount	Subcontract Cost Unit	Subcontract Cost Amount	TOTAL
	Mobilization/Demobilization	1	ls		$0	$12,000.00	$12,000	$12,000
	Demolition							
	Docks	5800	sf		$0	$7.50	$43,500	$43,500
	New Docks + accessories							
	Finger Headwalks	2800	sf		$0	$55.00	$154,000	$154,000
	Fingers	3000	sf		$0	$44.00	$132,000	$132,000
	Waterside Utilities							
	Electrical System	26	ea		$0	$2,500.00	$65,000	$65,000
	Mechanical System	26	ea		$0	$700.00	$18,200	$18,200
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0

Sub-Total		$424,700
General Contractor OH&P (Percent) :	10	$42,470
Sub-Total		$467,170
Contingency (Percent) :	10	$46,717
Construction Total:		$513,887
Soft Costs:	15	$70,076
Sub Total:		$583,963
Change Order Authorization:	10	$58,396
Year 2011 Escalation:	7	$29,729
Grand Total:		$672,088

Costing Basis:

1. 2nd quarter of 2008 pricing
2. Actual bids could range between 10% lower or higher than estimate, based on construction industry conditions at the time of bidding.
3. Soft Costs: (% of ConstrCost)
   Design (10%)
   Permits (1% to 1.5%)
   Construction Surveillance (2% to 3%)
   Inspections/Testing (0.5% to 1%)
4. Escalation estimated at 2% for FY2009, 2% for FY2010, 3% for FY2011, and 4% for FY2012.

ATTACHMENT #2

CASH & ASSOCIATES

ORDER OF MAGNITUDE ESTIMATE OF PROBABLE CONSTRUCTION COST

Client: City of Santa Barbara
Project: Marina 1
Phase 4 - Fingers L and M

Job No.: 6452.00
Phase :
File :

Prepared By: DAC
Checked By : RHM
Date : 4/27/2009

Div	Description	Qty	Units	Unit	Amount	Subcontract Cost Unit	Subcontract Cost Amount	TOTAL
	Mobilization/Demobilization	1	ls		$0	$20,000.00	$20,000	$20,000
	Demolition							
	Docks	10784	sf		$0	$7.50	$80,880	$80,880
	New Docks + accessories							
	Finger Headwalks	4984	sf		$0	$55.00	$274,120	$274,120
	Fingers	5800	sf		$0	$44.00	$255,200	$255,200
	Waterside Utilities							
	Electrical System	44	ea		$0	$2,500.00	$110,000	$110,000
	Mechanical System	44	ea		$0	$700.00	$30,800	$30,800
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0
					$0		$0	$0

Sub-Total		$771,000
General Contractor OH&P (Percent) :	10	$77,100
Sub-Total		$848,100
Contingency (Percent) :	10	$84,810
Construction Total:		$932,910
Soft Costs:	15	$127,215
Sub Total:		$1,060,125
Change Order Authorization:	10	$106,013
Year 2012 Escalation:	11	$84,810
Grand Total:		$1,250,948

Costing Basis:

1. 2nd quarter of 2008 pricing
2. Actual bids could range between 10% lower or higher than estimate, based on construction industry conditions at the time of bidding.
3. Soft Costs: (% of ConstrCost)
   Design (10%)
   Permits (1% to 1.5%)
   Construction Surveillance (2% to 3%)
   Inspections/Testing (0.5% to 1%)
4. Escalation estimated at 2% for FY2009, 2% for FY2010, 3% for FY2011, and 4% for FY2012.