

CHANGE ORDER PROPOSAL

2016 City Streets

Contractor: Prosser Dagg Construction Company

BID CONDITIONS

This change order would represent an increase in contract time of 6 days per the concrete subcontractor and an increase of 2 days for PDCC for a total of 8 days.

This proposal excludes working around unknown utilities not shown on the plans. We also exclude any dewatering which might be required. In the event unknown utilities are present or dewatering is required we would expect to perform that work on a T&M basis.

<u>Item #</u>	<u>Description</u>	<u>Quantity</u>	<u>Units</u>
COP-0033	Changes from bid documents to conformed documents as related to Archway Foundation changes (Excavation, Backfill, and Sign Foundations)	1	LS

Work Item: Excavate Increased size of Footer
Spec Reference:
Increased Unuseable Excavation (355 now 204 C.Y. Orig.)

Work Item: Import NFS Fill
Spec Reference:
Additional NFS fill 355 CY - 204 orig. = 151 CY or 302 tons

Work Item: A-5 Archway Foundation Changes (Additional concrete work)
Spec Reference:
Provide Archway Foundation Changes to footing not shown on original drawings

Work Item: A-5 Additional Concrete Pumping for Archway Foundations (18 CY)
Spec Reference:
Provide additional concrete and related pumping for Archway Foundations not shown on original drawings

Work Item: Per Diem
Spec Reference:
Provide Per Diem

RFP Summary this project

2016 City Streets Summary

Labor Markup:	25.00%	Total Direct Costs:	\$45,235.14
Equip Markup:	15.00%	Total indirect costs:	\$945.00
Matls Markup:	25.00%	Total Costs :	\$46,180.00
Sub Markup:	10.00%	Total Bid Amount:	\$53,068.65
ProjectMarkup:		Expected gross profit:	\$6,888.65
PriceOfDiesel:	\$4.75	Actual markup %:	14.92%
HoursPerWeek:	60	Expected margin:	12.98%



COP-0033

RFP#	Description	Quantity	Unit	Direct Costs	Unit Cost	Indirect %	Indirect Amount	Total Costs	Total Unit Cost	Unit Price	Amount
COP-0033	Changes from bid documents to conformed documents as related to Archway Foundation changes (Excavation, Backfill, and Sign Foundations)	1	LS	\$45,235	\$45,235	2%	\$945	\$46,180	\$46,180	\$53,068.65	\$53,068.65

Summary of COP-0033

Total Direct Costs: **\$45,235.14**
Total Indirect costs: **\$945.00**
Total Costs : **\$46,180.00**

Total Bid this proposal: **\$53,068.65**
Expected gross profit this proposal: **\$6,888.65**
Overall markup %: **14.92%**



Proposal by work item & cost type with specific markup each cost type

COP-0033

Changes from bid documents to conformed documents as related to Archway Foundation changes
(Excavation, Backfill, and Sign Foundations)

WorkItemDescription	Quantity	Units	Labor	Equipment	Materials	Subcontracts	Proposed costs
Excavate Increased size of Footer	2	ea	\$2,598	\$1,080	\$0	\$1,628	\$5,307
Import NFS Fill	400	Tons	\$4,326	\$2,747	\$2,120	\$1,954	\$11,147
A-5 Archway Foundation Changes (Additional concrete work)	2	ea	\$0	\$0	\$0	\$24,990	\$24,990
A-5 Additional Concrete Pumping for Archway Foundations (18 CY)	18	CY	\$0	\$0	\$7,114	\$2,787	\$9,901
Per Diem	1	LS	\$0	\$0	\$1,771	\$0	\$1,771
Totals for this RFP			\$6,924	\$3,827	\$11,005	\$31,359	\$53,116
PROJECT TOTALS:			\$6,924	\$3,827	\$11,005	\$31,359	\$53,116

Project Name: 2016 City Streets

Invitation to Bid:

COP-0033	Changes from bid documents to conformed documents as related to Archway Foundation changes (Excavation, Backfill, and Sign Foundations)	1LS
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Work Item: *Excavate Increased size of Footer*

Increased Unuseable Excavation 151 CY Prod Rate: 25 CY per hour TaskHours: 6 Direct Costs: \$4,406
(355 now 204 C.Y. Orig.)

Total Unit Cost: \$29.18 per CY

Labor Cost Detail				
Labor Classification	# of people	Task Hours	Labor Hours	Labor Cost
Operator (Group I)	1	6	6	\$519
Grade Hop / Line & Grade	1	6	6	\$511
General Laborer-S1201	1	6	6	\$458
Foreman (Group IA PEO + \$1.50)	1	6	6	\$548
Total Labor:				\$2,036

Labor Unit Costs: \$13.48 per CY

Equipment Cost Detail							
Manufacturer:	Model:	Type:	Use:	Hrs	Rental Cost	Operating Costs	Total Equipment Cost
FORD	CrewTruck	CrewTruck	10%	6	\$150	\$13	\$163
CATERPILLAR	D4G/K	DOZER	50%	6	\$150	\$48	\$198
Hitachi	ZX135	EXCAVATOR	100%	6	\$240	\$82	\$322
VOLVO	SD70	COMPACTOR	50%	6	\$180	\$57	\$237
Total Equipment:							\$920

Equipment Unit Costs: \$6.09 per CY

Material Unit Costs: \$0.00 per CY

Subcontract Cost Detail					
Subcontractor	Work Description	Quantity	Units	Price	Amount
trucker	haul Excavation to dumpsite	10	HR	\$145.00	\$1,450
Total Subcontracts:					\$1,450

Subcontract Unit Costs: \$9.60 per CY

Project Name: 2016 City Streets

Invitation to Bid:

Work Item: Import NFS Fill

Additional NFS fill 355 CY - 204 302 tons Prod Rate: 30 ons per hou TaskHours: 10 Direct Costs: \$9,131
 orig. = 151 CY or 302 tons

Total Unit Cost: \$30.24 per ton

Labor Cost Detail				
Labor Classification	# of people	Task Hours	Labor Hours	Labor Cost
Operator (Group I)	1	10	10	\$864
Grade Hop / Line & Grade	1	10	10	\$851
General Laborer-S1201	1	10	10	\$763
Foreman (Group IA PEO + \$1.50)	1	10	10	\$912
Total Labor:				\$3,390

Labor Unit Costs: \$11.23 per tons

Equipment Cost Detail							
Manufacturer:	Model:	Type:	Use:	Hrs	Rental Cost	Operating Costs	Total Equipment Cost
FORD	CrewTruck	CrewTruck	10%	10	\$250	\$21	\$271
CATERPILLAR	D4G/K	DOZER	50%	10	\$250	\$81	\$331
VOLVO	L120	LOADER	50%	10	\$700	\$106	\$806
Hitachi	ZX135	EXCAVATOR	100%	10	\$400	\$137	\$537
VOLVO	SD70	COMPACTOR	50%	10	\$300	\$95	\$395
Total Equipment:							\$2,340

Equipment Unit Costs: \$7.75 per tons

Material Cost Detail			
Description	Quantity	Units	Amount
Pit Run	302	Tons	\$1,661
Total Materials:			\$1,661

Material Unit Costs: \$5.50 per tons

Subcontract Cost Detail				
Subcontractor	Work Description	Quantity	Units	Amount
trucker	1 HR Rt roger pit run	12	HR	\$1,740
Total Subcontracts:				\$1,740

Subcontract Unit Costs: \$5.76 per tons

Work Item: A-5 Archway Foundation Changes (Additional concrete work)

Provide Archway Foundation Changes to footing not shown on original drawings 2 ea Prod Rate: ;UBBED OU' TaskHours: 0 Direct Costs: \$22,253

Total Unit Cost: \$11,126.65 per ea

Labor Unit Costs: \$0.00 per ea

Equipment Unit Costs: \$0.00 per ea

Material Unit Costs: \$0.00 per ea

Subcontract Cost Detail					
Subcontractor	Work Description	Quantity	Units	Price	Amount
Belarde	A-5 Archway Foundation Changes to Footing	2	ea	\$11,126.65	\$22,253
Total Subcontracts:					\$22,253
Subcontract Unit Costs:					\$11,126.65 per ea

Project Name: 2016 City Streets

Invitation to Bid:

Work Item: A-5 Additional Concrete Pumping for Archway Foundations (18 CY)

Provide additional concrete and related pumping for Archway Foundations not shown on original drawings 18 CY Prod Rate: ;UBBED OU' TaskHours: 0 Direct Costs: \$8,057

Total Unit Cost: \$447.60 per CY

Labor Unit Costs: \$0.00 per CY

Equipment Unit Costs: \$0.00 per CY

Material Cost Detail

Description	Quantity	Units	Price	Amount
6 1/2 Sack Concrete	18	yd	\$302.00	\$5,436
Polyheed Additive per gallon	5	gal	\$26.90	\$135
Polyheed Additive per oz	20	oz	\$0.25	\$5
Total Materials:				\$5,576

Material Unit Costs: \$309.72 per CY

Subcontract Cost Detail

Subcontractor	Work Description	Quantity	Units	Price	Amount
Belarde	A-5 Additional Pumping for Archway Foundations (18 CY)	18	CY	\$137.88	\$2,482
Total Subcontracts:					\$2,482

Subcontract Unit Costs: \$137.88 per CY

Work Item: Per Diem

Provide Per Diem 1 Day Prod Rate: ;UBBED OU' TaskHours: 0 Direct Costs: \$1,388

Total Unit Cost: \$1,388.00 per Day

Labor Unit Costs: \$0.00 per Day

Equipment Unit Costs: \$0.00 per Day

Material Cost Detail

Description	Quantity	Units	Price	Amount
5 guys for 2.5 days	12.5	day	\$75.00	\$938
Provide Per Diem (1 worker)	6	day	\$75.00	\$450
Total Materials:				\$1,388

Material Unit Costs: \$1,388.00 per Day

Subcontract Unit Costs: \$0.00 per Day

TOTAL DIRECT COSTS THIS PAY ITEM: \$45,235

GRAND TOTAL TASK HOURS FOR THIS PROJECT: 16

2016 City Streets

Labor Summary

COP#: COP-0033

Labor Classification	Project Hours:	Rate for 60 hour week		Project Cost
Foreman (Group IA PEO	16	\$91.25		\$1,460
General Laborer-S1201	16	\$76.27		\$1,221
Grade Hop / Line & Grad	16	\$85.14		\$1,362
Operator (Group I)	16	\$86.44		\$1,383
Grand totals:	64 hrs			\$5,426

Equipment Cost Detail Summarized by Machine

For....

COP-0033

Changes from bid documents to conformed documents as related to Arch

Monday, August 29, 2016

9:08:58 AM

Description:	Manufacturer:	Model:	Type:	Use:	Hrs	Rental Cost	Op Costs	Total
Increased Unuseable Excavation (355 now 204 C.Y. Orig.)	FORD	CrewTruck	CrewTruck	10%	6	\$150	\$13	\$163
Additional NFS fill 355 CY - 204 orig. = 151 CY or 302 tons	FORD	CrewTruck	CrewTruck	10%	10	\$250	\$21	\$271
Total this machine:					16	\$400	\$34	\$434

Description:	Manufacturer:	Model:	Type:	Use:	Hrs	Rental Cost	Op Costs	Total
Increased Unuseable Excavation (355 now 204 C.Y. Orig.)	CATERPILLAR	D4G/K	DOZER	50%	6	\$150	\$48	\$198
Additional NFS fill 355 CY - 204 orig. = 151 CY or 302 tons	CATERPILLAR	D4G/K	DOZER	50%	10	\$250	\$81	\$331
Total this machine:					16	\$400	\$129	\$529

Description:	Manufacturer:	Model:	Type:	Use:	Hrs	Rental Cost	Op Costs	Total
Additional NFS fill 355 CY - 204 orig. = 151 CY or 302 tons	VOLVO	L120	LOADER	50%	10	\$700	\$106	\$806
Total this machine:					10	\$700	\$106	\$806

Description:	Manufacturer:	Model:	Type:	Use:	Hrs	Rental Cost	Op Costs	Total
Increased Unuseable Excavation (355 now 204 C.Y. Orig.)	VOLVO	SD70	COMPACTOR	50%	6	\$180	\$57	\$237
Additional NFS fill 355 CY - 204 orig. = 151 CY or 302 tons	VOLVO	SD70	COMPACTOR	50%	10	\$300	\$95	\$395
Total this machine:					16	\$480	\$152	\$632

Description:	Manufacturer:	Model:	Type:	Use:	Hrs	Rental Cost	Op Costs	Total
Increased Unuseable Excavation (355 now 204 C.Y. Orig.)	Hitachi	ZX135	EXCAVATOR	100%	6	\$240	\$82	\$322
Additional NFS fill 355 CY - 204 orig. = 151 CY or 302 tons	Hitachi	ZX135	EXCAVATOR	100%	10	\$400	\$137	\$537
Total this machine:					16	\$640	\$219	\$859

RFP TOTALS:

\$2,620 \$640 \$3,260

Review materials, supplies and other 3rd Party Cost

VendorName	DetailID	Material Description	Quantity	Units	Price	Amount
Harris Sand and Gravel						
	743	Polyheed Additive per oz	20	oz	\$0.25	\$5
	743	Polyheed Additive per gallon	5	gal	\$26.90	\$134
	743	6 1/2 Sack Concrete	18	yd	\$302.00	\$5,436
		VENDOR TOTAL:				\$5,575
PDCC						
	744	Provide Per Diem (1 worker)	6	day	\$75.00	\$450
	744	5 guys for 2.5 days	12.5	day	\$75.00	\$938
		VENDOR TOTAL:				\$1,388
RSR						
	739	Pit Run	302	Tons	\$5.50	\$1,661
		VENDOR TOTAL:				\$1,661
		GRAND TOTAL:				\$8,624

Review Subcontract Costs

SubcontractorName	Work Description	SubQuantity	SubUnits	SubPrice	SubcontractDetail
Belarde					
	Changes from bid documents to conformed do A-5 Additional Pumping for Archway Foundations (18	CY	\$137.88	\$2,481.84
	Changes from bid documents to conformed do A-5 Archway Foundation Changes to Footing	2	ea	\$11,126.65	\$22,253.30
Total this subcontractor					\$24,735.14
trucker					
	Changes from bid documents to conformed do haul Excavation to dumpsite	10	HR	\$145.00	\$1,450.00
	Changes from bid documents to conformed do 1 HR Rt roger pit run	12	HR	\$145.00	\$1,740.00
Total this subcontractor					\$3,190.00
Grand Total					\$27,925.14



Direct Costs by RFP (change order proposal)

2016 City Streets

PayItem#	PayItemDescription:	PayQuantity	Units	Labor	Equipment	Materials	Subcontracts	Total Direct Costs
Subtotal for COP-0033				\$5,426	\$3,260	\$8,624	\$27,925	\$45,235
COP-0033	Changes from bid documents to conformed documents as related to Archway Foundation changes (Excavation, Backfill, and Sign Foundations)	1	LS	\$5,426	\$3,260	\$8,624	\$27,925	\$45,235
Project totals:				\$5,426	\$3,260	\$8,624	\$27,925	\$45,235



Indirect Costs

ID	Description	Quantity	Unit	Price	Amount
COP-0033					
175	Contract Administration (Full Time)	0.5	DAY	\$280.00	\$140.00
176	Payment & Performance Bond (1%)	1	LS	\$530.00	\$530.00
177	Project Management (Full Time)	0.5	DAY	\$500.00	\$250.00
178	Project Office (1/4 Time)	0.5	DAY	\$50.00	\$25.00
					\$945.00
				Total:	\$945.00
	8/29/2016 9:10:09 AM				



**Valdez Egan Street Improvements Gateway Arch
Foundation Breakdown**

Prepared 8/23

	Original Bid 2/18	Conformed Drawing Bid 6/29	Difference
	\$29,114.00	\$51,371.30	\$22,257.30
Breakdown			
Reinforcement Steel	\$ 2,925.00	\$ 6,110.40	\$ 3,185.40
Form Lumber	\$ 1,268.00	\$ 1,507.20	\$ 239.20
Form Ply	\$ 1,530.00	\$ 1,980.00	\$ 450.00
Fasteners	\$ 600.00	\$ 1,200.00	\$ 600.00
Cure and Seal	\$ 120.00	\$ 240.00	\$ 120.00
Plastic, Misc supplies	\$ 600.00	\$ 1,200.00	\$ 600.00
Shipping	\$ 3,252.00	\$ 6,000.00	\$ 2,748.00
Total Materials	\$10,295.00	\$18,237.60	\$ 7,942.60
Labor	\$18,819.00	\$33,133.70	\$14,314.70
Pumping	\$ 1,722.00	\$ 4,203.84	\$ 2,481.84
Total	\$30,836.00	\$55,575.14	\$24,739.14



**P.O. BOX 1929
Kodiak, AK 99615**

DBE Certified

Proposal

Date	Estimate No.
6/29/2016	1566B A-5

Name/Address
Prosser-Dagg Construction LLC PO BOX 3537 Palmer, AK 99645

Description	Qty	Rate	Total
Valdez 2016 City Streets PN: 15-310-1140-9195-1150 Valdez Egan Drive Enhancement Project Changes from Bid Drawings to Conformed Drawings 1/18/2016 Additional Cost Impacts to Belarde Custom Concrete A-5 Archway Foundation Changes to Footing (Add \$11,128.65 per Archway)	2	11,128.65	22,257.30
A-5 Additional Pumping for Archway Foundations (Add 18 CY)	18	137.88	2,481.84
Note: These changes are additional prices to be added to original bid (Proposal 1346B) Note: Note: An additional 6 days is needed for these changes Exclusions: All Concrete (Added separately cost plus 10%) All Caps (Caps listed Separately) All Exlusions from (Proposal 1346 B)			
Phone #	Fax #		Total
907-486-2924	907-481-1035		
E-mail			
belarde-custom-concrete@gci.net			\$24,739.14

Signature: _____

Date: _____

I certify that I have read and agree to the terms and conditions of the proposal.