



CHANGE ORDER(s)

AND/OR

LETTER(s) OF EXTENSION

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**CONTRACT CHANGE ORDER AUTHORIZATION NO. 2
DATED NOVEMBER 14, 2016**

FILED WITH CONTRACT #34278

(CW CROSSER CONSTRUCTION, INC)



Date: November 10, 2016
To: Craig Beck, Director of Public Works
From: George Ker, Senior Civil Engineer, Public Works
Subject: **CONTRACT CHANGE ORDER TRANSMITTAL MEMO**

PROJECT:	R-7055
CONTRACTOR:	C. W. Crosser Construction Inc.
CCO#:	2
ORIGINATED FROM:	Parks, Recreation and Marine
SOURCE OF FUNDING:	Grant Funding PR84CC-1201
REASON:	See Attached
COST (CCO#2):	\$28,523.64
ORIGINAL CONTRACT:	\$4,971,287
APPROVED CONTINGENCY (15%)	\$745,693
ORIGINAL CONTRACT AMENDED CONTRACT VIA COUNCIL LETTER (NOT TO EXCEED)	\$5,716,980
TOTAL AMOUNT OF CCO'S TO DATE (INCLUDING PROPOSED CCO'S)	\$228,523.64
PERCENT (%) OF CONTINGENCY USED IN CHANGE ORDERS TO DATE (INCLUDING PROPOSED)	30.6%

OFFICE OF THE CITY MANAGER
CITY OF LONG BEACH
LONG BEACH, CA 90802

Yu-Tien Chao
CW Crosser Construction
1250 N. Lakeview Avenue, Suite J
Anaheim, CA 92807-1801

DATE: November 14, 2016
Specification: R-7055
Contract No.: 34278
Program No.: PW3320-02
PO No: POPW16000025

PROJECT: Deforest Wetlands Restoration

CONTRACT CHANGE ORDER AUTHORIZATION NO. 02

In accordance with procedures for changes in the work as established in the specifications, the Contractor is authorized to proceed with the following scope of work:

1. RFP 004 - Early Material Procurement. Per the Owners request provided in RFP 004, Contractor is authorized to proceed with the early procurement of project materials that include the purchase of timber pile, boardwalk, planting and irrigation from subcontractors, John S. Meek and Marina Landscape per the proposal received. Contractor is authorized to make payment for the bond premiums necessary to procure payment and performance bonds for John S. Meek and Marina Landscape. Contractor shall provide a detailed invoice from each subcontractor that includes the procured material included in this CCO.

Costs associated with storage, and/or double handling of procured material, is not included within Contractor proposal and is not include within this CCO. Contractor to provide cost information at a later date if storage and/or double handling of procured material is required.

The Contractor is authorized to perform the additional work per the attached proposal for the amount of.....\$ 28,523.64

TOTAL INCREASE TO THE CONTRACT COST.....\$ 28,523.64 TOTAL

INCREASE TO THE CONTRACT DURATION.....0 Days

By signing this change order the Contractor acknowledges that it is familiar with California Civil Code Section 1542, which reads: "A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor;" and Contractor hereby releases the City from any unknown claims and waives its rights under Section 1542.

The prices set forth herein above shall be considered verified by City Engineer and be considered full compensation for all obligations of the Contractor associated with claim of the Contractor for extra compensation resulting from performance of the requirements of this change order.

TIME FOR COMPLETION OF ALL WORK UNDER THE CONTRACT WILL NOT BE EXTENDED.


ATB
cc

Recommended by:

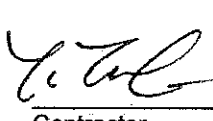

Construction Manager 11/14/16
(Date)


Simplus Project Manager 11/14/16
(Date)


City Project Manager 11/15/16
(Date)


Chief Construction Inspector 11-16-2016
(Date)

Approved by:

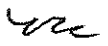

Contractor Nov. 14, 2016
Yiu-Tien Chao
(Date)


Construction Services Officer 11/17/16
(Date)


City Engineer 11/21/16
(Date)

Funds are available for this purpose:


Financial Management 11-29-16
(Date)





14732 SO. MAPLE AVENUE
GARDENA, CA 90248
TEL: (310) 830-6323
FAX: (310) 835-2163
EMAIL: general@johnsmeek.com

October 31, 2016

C.W. Crosser Construction, Inc.
1250 N. Lakeview Avenue, Suit J
Anaheim, CA 92807
Attn: Yu-Tien Chao

Subject: Advanced Material Procurement
Project: Deforest Wetlands Restoration

Yu-Tien Chao,

This letter is in response to the advanced material procurement request. The following will address the outstanding items:

John S Meek Co, Inc. Bond premium for this project amount is 1.29% or \$8,832.00.

We currently believe that the materials will be stored at the following addresses:

- Timber Pile: Thunderbolt Wood Treating 3400 Patterson Rd Riverbank, CA 95367
- Black Locust: Black Locust Lumber, U.S.A. 4670 Helton Road Granite Falls, NC 28630
- Structural Timber: Cal Coast Wood Preserving 3150 Taylor Drive Ukiah, CA
- Miscellaneous Materials: May be stored at the Meek yard located at 14732 S. Maple Ave. Gardena, CA 90248

Based on the current anticipated schedule we do not foresee costs associated with double handling

If you have any questions, please call.

Sincerely,

Chad Goodwin
Project Manager

General Construction:
License #709151

File Driving • Foundations • Marine • Shoring • HazMat



Yu-Tien Chao

From: John Gutierrez <JGutierrez@marinaco.com>
Sent: Monday, October 31, 2016 4:56 PM
To: Yu-Tien Chao
Cc: Monty DiBernardo
Subject: DEFOREST

Chao,

1. Your bond rate of 1% will cover our bond.
2. Marina cannot predict where storage containers will be located. Plant materials will be located at various nurseries. Irrigation materials may be stored at vendor or Marina's yard.
 - a. Moosa Creek Nursery
 - b. A.Y. Nursery
 - c. Recon Native Growers
 - d. Valley Crest Tree Company
 - e. Imperial Sprinkler Supply, Inc.
3. We can not foresee any doubling handling cost at this moment. If doubling handling fee is necessary, 5% of material cost plus mark up, per historical average,(approximately \$50,000) may be needed due to scheduling delays, availability of materials, and any other condition beyond Marina's control.

John Gutierrez
Marina Landscape Inc

Attachment - No. 3



14732 SO. MAPLE AVENUE
 GARDENA, CA 90248
 TEL: (310) 630-6323
 FAX: (310) 635-2163
 EMAIL: general@johnameek.com

April 20, 2015

QUOTATION

CW Crosser Construction
 1250 N. Lakeview Ave., Suite J
 Anaheim, CA 92807

Attention: Estimating
 Phone: 714-693-9800
 Fax: 714-693-0800

Gentlemen,
 We are pleased to submit the following quotation for work on the DeForest Wetlands Restoration Project in Long Beach, California. Price includes labor, materials and equipment to perform the following scope of work:

Item	Description	Quantity	Unit Price	Total
18	Railed Boardwalk, Sheet 11 and of Design Plans	LUMP SUM	\$474,750.00	\$474,750.00
62	Railess Boardwalk, Sheet 7 of Design Plans	LUMP SUM	\$115,425.00	\$115,425.00
63	Railess Boardwalk, Sheet 6 of Design Plans	LUMP SUM	\$97,390.00	\$97,390.00
Total Amount this Quotation				\$687,565.00

All access to the work shall be provided by others at no cost to John S. Meek Company. Swap pads, if needed, are extra.

Excluded from this quotation is all dirt work, dewatering, delineation, traffic control, utilities, potholing, layout, survey, as-builts, engineering, PDA, bond premium and cost of permits or inspections. Overhead and underground obstructions are extra to the contract. Retention, if held, shall be released 90 days after completion of our scope of work. Price includes one (1) mobilization. Additional mobilizations are \$25,750.00 per mobilization.

If you have any questions, please call.

Sincerely,

James F. Jilk
 Vice President
 JFJ:jj

General Construction:
 License #709151

File Driving • Foundations • Marine • Shoring • HazMat





MARINA LANDSCAPE, INC.

1900 S. Lewis Street, Anaheim, CA 92805

From: John Gutierrez

(714) 267-6475 Mobile

(714) 704-0420 Direct

Project: **DEFOREST WETLANDS RESTORATION**

Location: **LONG BEACH**

Bid Date: **4/20/2016**

Bid Time: **10:00 AM**

REVISED 6-8-16

Item	Description	U/M	Quantity	Unit Cost	Total
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****Some seed species from commercial sources****

Source requirements

D. Native Plants of Local Origin: Plant species grown from cuttings or seed collected from local sources, collected in the following Los Angeles or Orange County locations: the Los Angeles River drainage area including and downstream of Glendale Narrows; Rio Hondo drainage including and downstream of Whittier Narrows; the Dominguez Channel drainage area; the San Gabriel River drainage area including and downstream of Whittier Narrows; Compton Creek drainage area; coastal areas of southern Los Angeles County and northern Orange County; the Palos Verdes Peninsula.

. Plant materials source list, including seeds, container stock, and cuttings. Include species; number of container plants and cuttings; size of container plants; weight, purity, and percent germination of seeds, and source of seed or stock.

a. Provide origin of seed, container stock, or cuttings consisting of location of where seed or stock was collected from wild plants. Location description and information shall be adequate to allow mapping of locations with 1/2-mile precision.

b. Certificates of Compliance confirming materials meet requirements specified prior to delivery of materials.

c. Seed laboratory testing results, including germination, purity, weed species present, noxious weed content; source/origin of seed including county, location where grown; supplier name and location.

Requested changes to plant source or origin and alternative materials where Native Plants of Local Origin are not available, and final changes if approved by the Engineer.

MARINA LANDSCAPE, INC.

Landscape Construction, Maintenance, Erosion Control, and Design.

1900 S. Lewis Street, Anaheim, CA 92805

License: A/B/C-27 #492862

P: (714) 939-6600 F: (714) 935-1199

REVISED 6-8-16

Project: DEFOREST WETLANDS RESTORATION, LONG BEACH
Bid Date: 4/20/2016 **Bid Time:** 10:00 AM



The following is our proposal for the landscape and irrigation on the above referenced project per the plans and specifications of:

Architect: KATHLEEN HIGGINS
Sheets: 29 Thru 34
Dated: 4/11/14
Spec. Sect.: 328423, 329100
Wage: State Prevailing **Addenda:** 1, 2, 3, 4, and 5
SEE ATTACHED BID BREAKDOWN

Qualifications:

- * Site to be received in a clean, weed free condition. No import or export of soil or topsoil. All areas are to be received at +/- .10' of finish grade. Any areas requiring import of materials by Marina such as sand, decomposed granite, topsoil, special soil mixes, etc., shall be received at +/- .10' of subgrade elevations. All spoils generated from plant excavations shall be spread on site.
- * This bid is based on trenching with a trencher in a conventional manner. Hard dig trenching or excavation that requires the use of other types of equipment, such as rock saws, is excluded.
- * Our work includes four move-ins. Any additional moves shall be billed at \$ 750.00 each.
- * All large trees, pipe and wire shall be installed prior to paving or hardscape. Protection of paving or hardscape by others. Adequate access must be provided if the use of a crane is required for removal and placement of large palms or boxed plant material.
- * Adequate equipment access to work areas to be provided by others. Our standby rate is \$ 135.00/Hour.
- * Designated areas for hydroseeding or erosion control shall be clearly defined by an authorized representative.
- * Water shall be made available on-site by others. 4,000 gal per hour will be required within 1/4 mile of working area. Water source shall be made available with a minimum 2" size and at least 100 psi or better.
- * Quantities of plants bid per number of plants per acre as shown on Planting Legend.
- * Weed germination/ Eradication, bid as 2 times.
- * Soil test, pressure pipe test, and coverage test is included.

Exclusions:

- * Demolition, removals, clearing, grubbing, digging, or trenching of hard dig materials.
- * 110 /120 volt electrical power, hookup, or telephone service to irrigation controllers or pumps.
- * Permits, testing, auditing, inspection fees, water costs, water meters/meter fees, electrical meter/pedestal, or service line.
- * Traffic control, survey, hot tap, coring, boring, jacking, hydraulic drilling, drainage, waterproofing, concrete, masonry, fencing, asphalt, saw-cutting, patching, protection boards, restoration, relocation, pot holing, utility identification, S.W.P.P.P., B.M.P., lead compliance, trench plates, temporary facilities, tree well, or site furnishings.
- * Protection, relocation, repair, or maintenance of existing irrigation, planting, utilities, or hardscape.
- * Overseeding, drainage, inspection (as it applies), protection, weekly meeting (as needed), WPC, or maintenance of erosion control areas.
- * This proposal excludes removal or disposal of all erosion control methods.
- * Not responsible for grading or disturbance to existing graded areas.
- * Bentomat at vernal pool.
- * Topsoil banking and replacement
- * Protection native trees, wetland hydration.
- * Layout or construction of footpaths.
- * Tree removals.
- * UNIT PRICE PREVAILS ACCORDING TO QUANTITY SPECIFIED ON BID BREAKDOWN.
- * ALL ITEMS WILL BE FIELD MEASURED PER QUANTITY INSTALLED FOR FINAL BILLING.
- * Contractor agrees to pay for all material procured for this project once the agreement or purchase order is signed.

The intent of this proposal limits the performance of work as listed in the above plans, specifications, and addenda. We will coordinate work with other applicable trades as required.

Marina is an established union contractor with over 42 years of experience and the ability to bond our projects (add 1% as a change order to the contract) Bonds will be supplied on Berkley Surety or AGC standard bond forms. If accepted, this proposal is to be part of our contract. Should you have any questions or comments, please do not hesitate to contact me.

John Gutierrez Ph. 714-704-0420 Cell. 714-267-6475
DIR registration number: 100000079

MARINA LANDSCAPE, INC.

Landscape Construction, Maintenance, Erosion Control, and Design.
1900 S. Lewis Street, Anaheim, CA 92805

Page 1 of 3

License: A/B/C-27 #492862
P: (714) 939-6600 F: (714) 935-1199

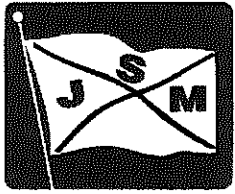
Attachment - No. 2

Deforest Wetlands - C.W. Crosser Construction, Inc.
 John S. Meek Company Inc.

October 28, 2016
 Job # 2520
 Invoice #16A-1001

Item #	Description	Quantity	Unit	Unit Price	Previous Complete	Previous Amount	Complete to Date	Amount to Date	Amount This Billing
BID ITEM 18 NORTH BASIN BOARDWALK									
18.10	Mobilization	1	LS	\$16,680.00	0	\$0.00	0	\$0.00	\$0.00
18.20	Install Test Pile	1	EA	\$20,000.00	0	\$0.00	0	\$0.00	\$0.00
18.30	Furnish Timber Pile	84	EA	\$726.00	0	\$0.00	84	\$60,984.00	\$60,984.00
18.40	Install Timber Pile	84	EA	\$751.00	0	\$0.00	0	\$0.00	\$0.00
18.50	Furnish Boardwalk Material	1	LS	\$193,236.00	0	\$0.00	1	\$193,236.00	\$193,236.00
18.60	Construct Boardwalk	1	LS	\$111,206.00	0	\$0.00	0	\$0.00	\$0.00
18.70	Construct Concrete Abutment	2	EA	\$4,780.00	0	\$0.00	0	\$0.00	\$0.00
BID ITEM 62 Vernal Pool No 2									
62.10	Mobilization	1	LS	\$8,680.00	0	\$0.00	0	\$0.00	\$0.00
62.20	Install Test Pile	1	EA	\$10,000.00	0	\$0.00	0	\$0.00	\$0.00
62.30	Furnish Timber Pile	16	EA	\$726.00	0	\$0.00	16	\$11,616.00	\$11,616.00
62.40	Install Timber Pile	16	EA	\$751.00	0	\$0.00	0	\$0.00	\$0.00
62.50	Furnish Boardwalk Material	1	LS	\$39,507.00	0	\$0.00	1	\$39,507.00	\$39,507.00
62.60	Construct Boardwalk	1	LS	\$24,046.00	0	\$0.00	0	\$0.00	\$0.00
62.70	Construct Concrete Abutment	2	EA	\$4,780.00	0	\$0.00	0	\$0.00	\$0.00
BID ITEM 63 Vernal Pool No 1									
63.10	Mobilization	1	LS	\$16,680.00	0	\$0.00	0	\$0.00	\$0.00
63.20	Furnish Timber Pile	10	EA	\$726.00	0	\$0.00	10	\$7,260.00	\$7,260.00
63.30	Install Timber Pile	10	EA	\$751.00	0	\$0.00	0	\$0.00	\$0.00
63.40	Furnish Boardwalk Material	1	LS	\$29,608.00	0	\$0.00	1	\$29,608.00	\$29,608.00
63.50	Construct Boardwalk	1	LS	\$26,772.00	0	\$0.00	0	\$0.00	\$0.00
63.60	Construct Concrete Abutment	2	EA	\$4,780.00	0	\$0.00	0	\$0.00	\$0.00
CHANGE ORDERS									

Total Work Complete to Date \$342,211.00
 Less Retention (5%) \$17,110.55
 Less Previously Billed \$325,100.45
 Total Amount This Invoice \$0.00
Total Amount This Invoice \$325,100.45



**JOHN S.
MEEK**
COMPANY, INC.

GENERAL CONSTRUCTION AND CONSTRUCTION MANAGEMENT

14732 SOUTH MAPLE AVE
GARDENA, CA 90248-1934
TEL: (310) 830-6323
FAX: (310) 835-2163
E-MAIL: general@johnsmEEK.com

October 28, 2016

INVOICE

C.W. Crosser Construction, Inc.
P.O. Box 607
Yorba Linda, CA 92885

Attention:

Job No. 2520

Invoice No. 16A-1001

For work complete thru October 31, 2016 on the Deforest Wetlands Restoration Project in Long Beach, California. Attached is a breakdown of this invoice per the schedule of values.

Contact Amount:	\$687,565.00
Change Orders (0)	<u>\$0.00</u>
Current Contract Amount	\$687,565.00
Work Complete to date	\$342,211.00
Less Retention	<u>\$17,110.55</u>
	\$325,100.45
Less Previously Billed	<u>\$0.00</u>
Total Amount this Invoice	\$325,100.45

Thank you for this opportunity.

General Construction: Pile Driving • Foundations • Marine • Shoring • HazMat
License #709151





1900 S. LEWIS STREET
ANAHEIM, CA 92805
TEL: (714) 939-6600
FAX: (714) 935-1199

BILL TO:

C.W. CROSSER CONSTRUCTION
1250 N. LAKEVIEW AVE. #J
ANAHEIM, CA 92807-3103
TEL: (714) 693-9800
FAX: (714) 693-0800

115053

INVOICE NO: 115053
INVOICE DATE: 10/28/16
DEFOREST WETLANDS
LOCATION: 6255 DEFOREST AVENUE
PERIOD: 10/31/16
CONTRACT NO:

ITEM	DESCRIPTION	CONTRACT QUANTITY	UNIT PRICE	CURRENT CONTRACT	PREVIOUS QUANTITY	PREVIOUS AMOUNT	CURRENT QUANTITY	CURRENT AMOUNT	TO DATE QUANTITY	TO DATE AMOUNT
44	IRRIGATION SYSTEM	546,041.00	SF 0.67	365,847.47			300,000.00	201,000.00	300,000.00	201,000.00
46	WEED ERADICATION	12.50	AC 2,300.00	28,704.00						
47	SOIL TESTING	1.00	LS 2,100.00	2,100.00						
48	LOW RIPARIAN PLANTS	1.60	AC 29,300.00	46,880.00			0.75	21,975.00	0.75	21,975.00
49	HIGH RIPARIAN PLANTS	2.60	AC 27,800.00	74,504.00			0.75	20,850.00	0.75	20,850.00
50	VALLEY GRASS/OAK	0.70	AC 43,900.00	31,608.00			0.55	24,145.00	0.55	24,145.00
51	NATIVE SCRUB PLANTS	4.60	AC 39,100.00	183,379.00			3.00	117,300.00	3.00	117,300.00
52	SYCAMORE OAK WOODLWN	2.60	AC 21,800.00	57,988.00			2.00	43,600.00	2.00	43,600.00
53	FRESHWATER MARSH	0.10	AC 114,000.00	14,820.00			0.85	96,900.00	0.85	96,900.00
54	WESTERN SYCAMORE	17.00	EA 320.00	5,440.00			13.00	4,160.00	13.00	4,160.00
55	FREMONT COTTONWOOD	38.00	EA 275.00	10,450.00			28.00	7,700.00	28.00	7,700.00
56	ENTRYWAY PLANTING	1.00	LS 2,000.00	2,000.00			0.75	1,500.00	0.75	1,500.00
65	LANDSCAPE IRRIGATION	495,401.00	SF 0.67	331,918.67			250,000.00	167,500.00	250,000.00	167,500.00
66	WEED ERADICATION	11.30	AC 2,300.00	26,151.00						
68	NATIVE SCRUB PLANT	5.60	AC 37,400.00	210,562.00			4.20	157,080.00	4.20	157,080.00
69	VERNAL POOL PLANTS	1.10	AC 6,100.00	6,954.00			0.80	4,880.00	0.80	4,880.00
70	WESTERN SYCAMORE	19.00	EA 295.00	5,605.00			15.00	4,425.00	15.00	4,425.00
71	VALLEY OAK SPECIMEN	12.00	EA 295.00	3,540.00			9.00	2,655.00	9.00	2,655.00
72	FREMONT COTTONWOOD	8.00	EA 250.00	2,000.00			6.00	1,500.00	6.00	1,500.00
TOTALS:				1410,451.14				877,170.00		877,170.00

MARINA
Still Growing
 1900 S. LEWIS STREET
 ANAHEIM, CA 92805
 TEL: (714) 939-6600
 FAX: (714) 935-1199

BILL TO:

C.W. CROSSER CONSTRUCTION
 1250 N. LAKEVIEW AVE. #J
 ANAHEIM, CA 92807-3103
 TEL: (714) 693-9800
 FAX: (714) 693-0800

JOB NO: 115053
JOB NAME: DEFOREST WETLANDS
LOCATION: 6255 DEFOREST AVENUE
CONTRACT NO:

INVOICE NO: 115053
INVOICE DATE: 10/28/16
PERIOD: 10/31/16

ITEM DESCRIPTION	CONTRACT QUANTITY	UNIT PRICE	CURRENT CONTRACT	PREVIOUS QUANTITY	PREVIOUS AMOUNT	CURRENT QUANTITY	CURRENT AMOUNT	TO DATE QUANTITY	TO DATE AMOUNT
TOTALS CONTRACT:									
			1410,451.14				877,170.00		877,170.00

PERCENTAGE COMPLETE: @ 62.19%
BILLING TOTAL: 877,170.00
LESS RETENTION: -87,717.00
SUBTOTAL: 789,453.00
LESS PREVIOUSLY BILLED:
PAYMENT DUE: 789,453.00



Project: Deforest Wetland Restoration
 Contactor Proposal Reviewed: RFP 002 - Early Procurement of Materials
 Change Order Authorization: CCO 002 - Early Procurement of Materials

COST REVIEW			
1 - Subcontractor COR	Subcontractor Contract	Bond Rate	Subcontractor Subtotal
Marina Landscape, Inc. - Bond Premium	\$ 1,410,451.14	1%	\$ 14,104.51
1- Subcontractor Subtotal:			\$ 14,104.51
Subcontractor Markup for all Overhead & Profit per Cost Category	Subcontractor Subtotals	Markup	Subcontractor Totals
Labor @ 20%:	\$ -	20%	\$ -
Materials @ 15%	\$ -	15%	\$ -
Equipment @ 15%	\$ -	15%	\$ -
Other Subcontractor Costs @ 15%	\$ 14,104.51	15%	\$ 2,115.68
1- Subcontractor Markup Total:			\$ 2,115.68
1 - Subcontractor COR Total:			\$ -16,220.19
2 - Subcontractor COR	Subcontractor Contract	Bond Rate	Subcontractor Subtotal
John S. Meek Company, Inc. - Bond Premium	\$ 687,565.00	1.29%	\$ 8,869.59
2- Subcontractor Subtotal:			\$ 8,869.59
Subcontractor Markup for all Overhead & Profit per Cost Category	Subcontractor Subtotals	Markup	Subcontractor Totals
Labor @ 20%:	\$ -	20%	\$ -
Materials @ 15%	\$ -	15%	\$ -
Equipment @ 15%	\$ -	15%	\$ -
Other Subcontractor Costs @ 15%	\$ 8,869.59	15%	\$ 1,330.44
2- Subcontractor Markup Total:			\$ 1,330.44
2 - Subcontractor COR Total:			\$ 10,200.03

Contractor Markup for all Overhead & Profit per Cost Category*	Contractor Subtotals	Markup	Contractor Totals
Self-Perform Labor @ 20%:	\$ -	20%	\$ -
Self-Perform Materials @ 15%	\$ -	15%	\$ -
Self-Perform Equipment @ 15%	\$ -	15%	\$ -
Other Self-Perform Contractor Costs @ 15%	\$ -	15%	\$ -
Markup on 1 - Subcontractor Cost (10% for first \$5K):	\$ 5,000.00	10%	\$ 500.00
Markup on 1- Subcontractor Cost (10% for first \$5K):	\$ 11,220.19	5%	\$ 561.01
Markup on 2 - Subcontractor Cost (10% for first \$5K):	\$ 5,000.00	10%	\$ 500.00
Markup on 2 - Subcontractor Cost (10% for first \$5K):	\$ 5,200.03	5%	\$ 260.00
Bond @1%	\$ 28,241.23	1%	\$ 282.41
Contractor Markup Total:			\$ 2,103.42
Change Proposal Total:			\$ 28,523.64

* Contractor markup for costs associated with Time and Material work has been corrected in accordance with Division H, Section 3-3 of the project specifications.

TIME IMPACT	
Orginal Impact (Days):	0
Negotiated Impact(Days):	0