CITY OF OXNARD CALIFORNIA

Meeting Date: 12/11/12

ACTION	TYPE OF ITEM
☐ Approved Recommendation	☐ Info/Consent
☐ Ord. No(s). _____	■ Report
☐ Res. No(s). _____	☐ Public Hearing (Info/consent)
☐ Other _____	☐ Other _____

Prepared By: Anthony Emmert, Water Resources Manager Agenda Item No. O-1

Reviewed By: City Manager YRB City Attorney AW Finance JC Public Works

DATE: November 28, 2012

TO: City Council

FROM: Rob Roshanian, Interim Public Works Director R.R.
Public Works

SUBJECT: **Change Order Numbers 112 through 142 to Agreement No. A-7259 with McCarthy Building Companies Inc. for the Advanced Water Purification Facility (AWPF)**

RECOMMENDATION

That City Council approve and authorize the City Manager to execute Change Order Numbers 112 through 142 to Agreement No. A-7259 with McCarthy Building Companies, Inc. for the cumulative amount of $694,524 for a total amount of $56,648,267 and to extend the expiration date for Milestone 3 to December 31, 2012 and Milestone 4 to May 31, 2013.

DISCUSSION

On January 12, 2010, the City awarded the contract for construction of the Advanced Water Purification Facility (AWPF) to McCarthy Building Companies Inc. (McCarthy) for $52,572,000 with a contingency factor of 10% ($5,257,200) in the construction budget. The AWPF has been under construction for over two years, and is nearing completion. The City's construction management team (CM Team) consists of AECOM, the City's construction management consultant, and City staff. Throughout the construction period, the CM Team has reviewed over 800 requests for information (RFI) from McCarthy and its subcontractors. From these RFIs, the CM Team reviewed and processed one hundred eleven (111) change orders to date.

Change Orders 112 through 142 will resolve all known outstanding issues with the Contract. They are designed to resolve all contractor claims related to existing contract work and will provide for additional work not described in the Contract at the present time. These change orders resolve approximately $2.6 million in potential contractor claims for a sum of $694,524.

The cost of the total McCarthy contract with all change orders, including those described below providing for work not included in the contract at the present time, is $56,648, 257. The cost of all the change orders is well within the 10% contingency as described above and well within industry standards for the size and complexity of the AWPF.

The AWPF change orders can be categorized into three groups: 1) non-disputed change orders, 2) disputed change orders, and 3) "extra work" required to meet planning, building and fire code requirements to comply with all Planning Commission Resolutions for Conditions of Approval.

Construction schedule Milestone #1, Treatment Process Equipment Ready for Functional Testing, and Milestone #2, AWPF Ready to Produce Recycled Water, have been successfully completed. Milestone #3, to be completed by December 31, 2012, includes Change Order Numbers 112 through 128 and sets the start date of the one-year construction warranty to no later than December 31, 2012. Milestone #4, to be completed by May 31, 2013, includes Change Order Numbers 129 through 142. These change orders include "extra work" essential to comply with planning, building, and fire codes requirements. At this completion of McCarthy's work, the AWPF Phase 1A will be fully functional, with a capacity to produce 6.25 million gallons per day of recycled water.

Change Order Number 142 memorializes the contractual changes between the City and McCarthy through the completion of the contract. The City will release the majority of its retention at the completion of Milestone #3, but will retain 125% of the value of all outstanding stop notices or non-released items from McCarthy's subcontractors, and 10% of the value of Milestone #4. The City will release final retention when McCarthy successfully completes Milestone #4. McCarthy and all its subcontractors will waive their rights to all claims for all work specified in the contract documents. The final completion date for McCarthy's work on the AWPF will be extended to May 31, 2013.

McCarthy originally proposed a cost of $1.6 million for Change Order 112 through 142, plus a $1.0 million delay claim. Through extensive negotiations between City staff and McCarthy, the cost estimate was reduced to $1,108,051 and the delay claim was removed. Further negotiations reduced the final cost estimate to $694,524, which is the proposed final amount for Change Order Numbers 112 through 142. At its November 6, 2012 meeting, the Contract Compliance Review Committee (CCRC) approved Change Order Numbers 112 through 142. The cumulative amount for Change Order Numbers 1 through 111 is $3,381,743. The cumulative amount for all change orders through Change Order Number 142 is $4,076,267, less than 8% of the original approved contract award.

In order to comply with all Planning Commission Resolutions for Conditions of Approval, the City will construct several other improvements adjacent to or at the AWPF site that were not included in the McCarthy contract. The additional improvements include drainage, pedestrian access, parking and art in public places. The City will procure these improvements via a future bidding process. After the City has completed these improvements per the planning and building permits, then the Development Services Department will issue a certificate of occupancy. In addition, the City will procure the security system, science center exhibits and an audiovisual system via a future bidding process.

CONSTRUCTION MANAGEMENT REQUEST FOR INFORMATION PROCESS:

The CM Team follows a very clear and established process in administering the construction contract. The process is governed by the California Public Contract Code, the Standard Specifications for Public Works Construction (Greenbook) and the City Standard Plates and Design Criteria for Public Works Construction. Through the course of construction, the contractor submits a request for information

(RFI) when, in his assessment, the plans and specifications are not clear and conclusive regarding a portion of the construction work. The CM Team reviews and acts upon the RFI, following a prescribed multi-step process.

The CM Team first reviews the plans and specifications and determines if the subject work is included in the contract. If it is, the CM Team directs the contractor to proceed with no additional compensation. If the plans and specifications are not conclusive, the CM Team directs the design engineer to provide direction, based on the intent of the design. When the CM Team and design engineer agree that the work required is not within the scope of the construction contract, and is therefore considered "extra work," the CM Team issues a change order to the contractor.

The CM Team has reviewed all change orders and determined the changes and costs are due to the following: City-requested change orders such as the City-requested Administration Building design changes and City-requested treatment process changes; an "unforeseen" condition such as the relocation of utilities due to an existing buried utility line; a design deficiency that caused additional construction activities such as missing conduits and wiring to power a motor; or a design deficiency that caused additional construction rework such as the incorrect sizing of pumps.

City staff and CH2M Hill, the City's design engineer, are currently in negotiations to determine liabilities for design deficiencies. Staff will provide an update to Council in the near future.

CHANGE ORDERS TO COMPLETE MILESTONE #3:

Change Order Numbers 112 through 120 (Attachment No. 1) include all non-disputed changes that will allow for the substantial completion of the AWPF. These change orders will revise the Milestone #3 date from September 22, 2012 to December 31, 2012.

The original contractor's cost proposal for these change orders prior to staff negotiations was $185,918. Staff negotiated the change orders down to a total cost of $111,948. This is a reduction of $73,970, or 57% off of the original contractor's cost proposals. Below is a detailed listing:

C.O. No.	Description	Estimate	Negotiated	Reduction	%
112	Site work Changes	$25,764	$22,744	$3,020	13%
113	Additional Asphalt Work	$30,835	$11,837	$18,998	160%
114	Gear Pump Issues	$66,601	$31,305	$35,296	53%
115	Compound Loop Programming	$29,311	$22,442	$6,869	30%
116	Plant Replacement at 1" Soil	$2,444	$2,444	$0	0%
117	Generator Cable	$3,080	$3,080	$0	0%
118	VFD Modifications	$2,883	$2,883	$0	0%
119	Not Used	$0	$0	$0	0%
120	Pump Controller	$25,000	$15,213	$9,787	64%
	Total	**$185,918**	**$111,948**	**$73,970**	**57%**

DISPUTED CHANGE ORDERS:

Change Order Numbers 121 through 128 (Attachment No. 2) are disputed change orders that were initially rejected by the CM Team. The City directed the contractor to proceed with the work, in accordance with the Greenbook Section 3-5 "Disputed Work." This section provides for the contractor to file a claim for the disputed work. The CM team and McCarthy have continued to discuss the disputed change orders, trying to find a solution to avoid litigation. City staff met with City Attorney's Office staff to discuss the disputed items. In most cases, McCarthy has completed the disputed work or will complete it by the Milestone #3 deadline. McCarthy has filed initial notices of potential claims for these change orders, in accordance with contract law.

Over the past several weeks, as the AWPF Project construction neared completion, CM Team staff met several times with the City Attorney, Interim Public Works Director, and Development Services Director to discuss the individual disputed change orders. Consensus was to continue pursuing negotiations with McCarthy, in order to avoid the potentially high costs of litigation and delay claims. Senior McCarthy staff also agrees that the best course of action is negotiation.

The most recent contractor's cost proposal, prior to the latest negotiations, was $588,779. Staff negotiated the change orders down to a total cost of $282,110. This is a reduction of $306,669, or 52% off of the latest contractor's cost proposals. Below is a detailed listing:

C.O. No.	Description	Estimate	Negotiated	Reduction	%
121	Tank Seismic Design Changes	$117,936	$85,000	$32,936	28%
122	Effluent Sample Station	$95,015	$20,000	$75,015	79%
123	Rusting Downspouts	$19,079	$19,079	$0	0%
124	Photovoltaic Panel Supports	$238,000	$102,762	$135,238	57%
125	Liquid Lime Issues	$65,187	$27,407	$37,780	58%
126	RO Sample Tubing	$11,192	$5,499	$5,693	51%
127	Chemical Pump Pad Changes	$22,190	$12,274	$9,916	45%
128	Pipe Rack Design Changes	$20,180	$10,089	$10,091	50%
	Total	**$588,779**	**$282,110**	**$306,669**	**52%**

CHANGE ORDERS TO COMPLETE MILESTONE #4:

Milestone #4 is for the final completion of McCarthy's construction of the AWPF, with a revised completion date of May 31, 2013. Change Order Numbers 129 through 142 (Attachment No. 3) are all non-disputed, with a negotiated total cost of $300,466. These change orders are items that have not been started, but are recognized as items that need to be completed, due to design deficiencies and/or to meet code requirements.

The original contractor's cost proposal prior to negotiations was $333,354. Staff negotiated the change orders down to a total cost of $300,466. This is a cost reduction of $32,888 or 11% off of the original contractor's cost proposals. Below is a detailed listing:

C.O. No.	Description	Estimate	Negotiated	Reduction	%
129	Admin Bldg Cross Braces	$23,390	$10,844	$12,546	115%
130	Design Changes	$24,249	$5,170	$19,079	360%
131	ADA/Building & Safety Codes	$10,252	$8,989	$1,263	14%
132	Gap at Handrails & Windows	$78,958	$78,958	$0	0%
133	Relocate Sample Pump	$4,170	$4,170	$0	0%
134	Liquid Lime Feed Piping	$36,079	$36,079	$0	0%
135	Add Bollards at FWPS	$21,420	$21,420	$0	0%
136	Replace Truncated Domes	$22,443	$22,443	$0	0%
137	Metal Grating - ADA	$44,560	$44,560	$0	0%
138	Chain & Posts to Protect Ducts	$16,183	$16,183	$0	0%
139	Fire Extinguishers	$17,162	$17,162	$0	0%
140	Power to Wetlands Blower Fans	$24,488	$24,488	$0	0%
141	Fiber Optic	$10,000	$10,000	$0	0%
142	Contract Extension	$0	$0	$0	0
	Total	**$333,354**	**$300,466**	**$32,888**	**11%**

FINANCIAL IMPACT

The cost of Change Order Numbers 112 through 142 is funded by the AWPF Project No. 066010 in the amount of $694,524. The breakdown by account numbers is a follows:

- 609-6553-821-8604 ($578,206) Bond Funded
- 609-6553-821-8610 ($34,174) Bond Funded
- 276-6553-821-8604 ($82,144) Grant Funded.

Attachment #1 - Change Order Nos. 112 through 120
#2 - Change Order Nos. 121 through 128
#3 - Change Order Nos. 128 through 142

ATTACHMENT NUMBER 1

McCarthy Building Companies, Inc.
Contract No. A-7259
Change Order
Nos. 112 through 120

(Note: Change Order Number 119 NOT USED)

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 112 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 112 has been prepared to provide for additional costs associated with the changes per RFI's 772, 762.1, 258.1, Field Reports 23, 31, AEC Letter 357 (Controller). The additional scope of work includes:

- Raises two (2) steel support braces under the catwalk in the south side of the Administration Bldg. that are in conflict with the HDPE pond liner per RFI 762.1
- Install additional concrete joints to the main entrance sitework per RFI 772
- Installation of an electrical conduit to supply power to the future fountain at the main entrance of the Administration Bldg and raising of existing manhole SE02 per RFI 772.
- Field Reports 23 and 31 adds additional sealant at the north entrance of the Admin building and the South masonry veneer.
- Changes the landscape controller to a Rainbird model per City's request.

McCarthy's Change Order Proposal Request No. 129, dated September 14, 2012, is attached for further clarification.

• McCarthy Original Cost Estimate:	$ 25,764.00
• AECOM Independent Cost Estimate:	$ 19,827.65
• Final Negotiated Cost:	$ 22,744.00

The total amount of Change Order No. 112 is $ 22,744.00. This Change Order No. 112 also includes a time extension for Milestone No. 3 revised to December 31, 2012. This work was completed and negotiated based on a lump sum price.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 112

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$18,998.00	84%	066010
609-6553-821-8604	$2,809.50	12%	066010
276-6553-821-8604	$936.50	4%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 112 has been prepared to provide for additional costs associated with the changes made per RFI's 772, 762.1, 258.1, Field Reports 23, 31, and AEC Letter 357 (Controller). The additional scope of work includes:
- Raises two (2) steel support braces under the catwalk in the south side of the Administration Bldg. that are in conflict with the HDPE pond liner per RFI 762.1. This will be completed by May 31, 2013.
- Install additional concrete joints to the main entrance sitework per RFI 772
- Installation of an electrical conduit to supply power to the future fountain at the main entrance of the Administration Bldg and raising of existing manhole SE02 per RFI 772.
- Field Reports 23 and 31 adds additional sealant at the north entrance of the Admin building and the South masonry veneer.
- Changes the landscape controller to a Rainbird model per City's request.
- This Change Order No. 112 also includes a time extension for Milestone # 3 to be extended to December 31, 2012.

Reasons for Changes:

The changes noted above are necessary to address Admin Building structural support changes.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 111)		$3,381,743.00
3. Sum of contract prior to this change order		$55,953,743.00
4. Amount of this change order		$22,744.00
5. Sum of contract including this change order	$	55,976,487.00

Completion date for Milestone # 3 is 12/31/12
Completion date for Milestone # 4 is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	11/13/12 Date
Budget	Date	Client	13 NOV 2012 Date
Construction Manager	11/13/12 Date	City Engineer	11-13-12 Date
Contractor	11/13/12 Date	Administrative Services	11/13/12 Date
		Director of Public Works/Purchasing Agent	11/13/12 Date

Attachment No. 1
Page 3 of 38

McCARTHY

Change Proposal Request
CPR # 129
Date: 11/07/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 267

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI's 762.1, 772, 258.1 FR 23 & 31, AEC Letter 357, Sitework & Exterior Changes

SCOPE:

This cost issue tracks the costs associated with the changes made per RFI's 772, 762.1, 258.1, Field Reports 23, 31, AEC Letter 357 (Controller):

1) RFI 762.1 raises two support braces for the catwalk steel up out of the HDPE pond liner. Costs include raising the steel, modifying the pond liner, repairing the painting on the steel, draining, cleaning and refilling the pond.
Previously RFI 762 added two boots on these two steel braces at the HDPE liner, the revised response is believed to be a better solution for the issue by the City and Design team.
This work has not been completed.

There are several other braces below this elevation that need to be addressed by CH2 & the City.

2) RFI 772 adds concrete joints to the main entrance sitework. During installation of this work an electrical conduit and raising of existing manhole SE02 was requested by the City. Refer to signed time and material tickets.

3) Field Reports 23 and 31 adds additional sealant at the north entrance of the Admin building and the South CMV wall.

4) AEC Letter 357 changes the landscape controller to a Rainbird model preferred by operations.

The work associated with RFI 762.1 is not installed. This scope of work cannot be installed prior to the current Final Completion Date - Milestone #3 of 9/31/12. After approval from the City, once the subcontractor is mobilized the installation of the steel will take one week to remove and replace, the liner and paint will take an additional one week. Once this change is approved by the City, Milestone #3 and all references to it will need to be moved two weeks (10 working days).

There are extended services including General Conditions associated with this CPR that are not included in this pricing. These services are currently being negotiated with the City in a separate package (CPR 155). McCarthy reserves the right to submit and be reimbursed for the additional costs associated with this CPR if CPR 155 is not approved.

REFERENCE:

RFI's 772, 762.1, 258.1, Field Reports 23 and 31, AEC Letter 357

Pricing Details

Company Name	Description	Amount
American Landscape Inc	Changed Controller	110.00
Bielski Specialty Services Inc	RFI 772	3,080.00
Bragg Crane & Rigging	RFI 762.1	5,263.00
Neal Electric	Added Fountain Conduit	998.00
Sierra Geosynthetic Services Inc	RFI 762.1	7,322.00
Toro Enterprises Inc	RFI 772	1,595.00
Toro Enterprises Inc	Raise Manhole SE02	865.00

McCarthy Building Companies, Inc.

Change Proposal Request

CPR # 129
Date: 11/07/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 267

Vertex Coatings Inc	RFI 762.1	678.00
McCarthy Building Companies, Inc.	RFI 766 Labor-Materials	1,827.00
McCarthy Building Companies, Inc.	Change Order Markup	996.00
	Net Amount of This Proposed Change	22,744.00
	Net Change in Calendar Days Due to This Proposed Change	10

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	Accept Do Not Accept
BY: [signature]	BY:	BY:
Date: 11/7/12	Date:	Date:

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

7/9/2012 rev

Date: 9/14/12

CI# 275

CPR 129

Total Labor Cost:		**$1,582**
Total Material Cost:		**$0**
Total Equipment Cost:		**$0**
Sub Total		**$1,582**
10% Markup		**$158**
5% O&P, Insurance and Bonds		**$87**
McCarthy Mechanical Total		**$1,827**

Subcontractor Costs		**Quote**
American Landscape	AEC Letter	**$110**
Bragg	RFI 762.1	**$5,263**
Sierra Geo	RFI 762.1	**$7,322**
Vertex	RFI 762.1	**$678**
Toro	RFI 772	**$1,595**
Toro	Manhole	**$865**
Neal Electric	Added Conduit	**$998**
Bielski	FR 23 & 31	**$3,090**
Subcontractor Total		**$19,921**

	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$996**
Total CPR		**$22,744**

AECOM
1220 Avenida Acaso
Camarillo, CA 93012

(805)388-3775 tel
(805)388-3577 fax

September 26, 2012

Mr. Thien Ng
CITY OF OXNARD
305 West Third Street
Oxnard, CA 93030

Subject: City of Oxnard / GREAT Program (Phase 1)
Advanced Water Purification Facility (AWPF) Project
Change Order No. 112 – CCRC Review

Dear Thien:

Attached is Change Order No. 112 for the Advanced Water Purification Facility (AWPF), which is being transmitted to the City for review and processing through CCRC. Change Order No. 112 provides for costs associated with changes made per RFI's 772, 762.1, 258.1, Field Reports 23, 31, AEC Letter 357 (Controller).

AECOM recommends that the City process the attached Change Order No. 112 for a total lump sum of $ 22,744.00

Please do not hesitate to call if you have any questions.

Sincerely,

Robert E. Stein, PE
AWPF Resident Engineer

Attachment: Change Order No. 112

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 113 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 113 has been prepared to provide for additional costs associated with paving as directed by City inspector. The additional scope of work includes:

- Remove and replace existing asphalt at the north end of pipe trench in order to provide adequate width for the 1-3 ton roller.
- Install additional 2,246 square feet of 2-inch asphalt overlay.

McCarthy's Change Order Proposal Request No. 142, dated October 25, 2012, is attached for further clarification.

• McCarthy Original Cost Estimate:	$ 30,835.00
• City Cost Estimate:	$ 13,105.98
• Final Negotiated Cost:	$ 11,837.00

The total amount of Change Order No. 113 is $ 11,837.00. This work was completed and negotiated based on a lump sum price.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 113

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610		0%	066010
609-6553-821-8604	$8,877.75	75%	066010
276-6553-821-8604	$2,959.25	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 113 has been prepared to provide for additional costs associated with paving as directed by the City inspector. The additional scope of work includes:
- Remove and replace existing asphalt at the north end of pipe trench in order to provide adequate width for the 1-3 ton roller.
- Install additional 2,246 square feet of 2-inch asphalt overlay.

Reasons for Changes:

The changes noted above are necessary to address adequate south Perkins Road resurfacing.

1. Amount of original contract	**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 112	$3,404,487.00
3. Sum of contract prior to this change order	$55,976,487.00
4. Amount of this change order	$11,837.00
5. Sum of contract including this change order	$ 55,988,324.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Thien Ng Project Manager	11/7/12 Date
Budget	Date	[signature] Client	07 Nov 2012 Date
Thien Ng Construction Manager	11/7/12 Date	Lou Balfour City Engineer	11-6-12 Date
[signature] Contractor	11/13/12 Date	[signature] Administrative Services	11/7/12 Date
		[signature] Director of Public Works/Purchasing Agent	11/8/12 Date

McCARTHY

Change Proposal Request

CPR # 142
Date: 10/25/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 293

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

Additional Perkins Road Paving Scope

SCOPE:

This cost issue has been revised (REV:10-25-12) to only track the agreed upon costs associated with additional paving costs along Perkins Road:

1) Additional paving was installed by Whitaker that was required to be removed by the City Inspector. (ADJUSTED LABOR/OT)
2) Material cost increase for asphalt paving. (REMOVED)
3) Additional paving square footage per field conditions. (REVISED)
4) Paving quote requested to address cold patches installed for 20inch ROC line change. (NOT REQUIRED)

REFERENCE:

Pricing Details

Company Name	Description	Amount
Jacobsson Engineering Construction Inc	Addl Whitaker Paving	6,628.00
Jacobsson Engineering Construction Inc	2" Asphalt Added SF	4,645.42
McCarthy Building Companies, Inc.	Change Order Markup	564.00
	Net Amount of This Proposed Change	11,837.42

Net Change in Calendar Days Due to This Proposed Change

Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	Accept Do Not Accept	Accept Do Not Accept
BY: Curtis Horner Digitally signed by Curtis Horner DN: C=US, E=chorner@mccarthy.com, O=McCarthy Building Companies, OU=McCarthy Building Companies, CN=Curtis Horner Date: 2012.10.25 18:14:10-07'00'	BY:	BY:
Date:	Date:	Date:

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd
Oxnard, CA 93033

MCC Job 7581
Date: 5/21/2012
CI# 293

CPR 141

Total Labor Cost:	$0
Total Material Cost:	$0
Total Equipment Cost:	$0
Sub Total	$0
10% Markup	$0
5% O&P, Insurance and Bonds	$0
McCarthy Mechanical Total	$0

Subcontractor Costs		Quote	
Jacobsson Engineering, Inc.	P-185	~~$7,685~~	$6628.00
~~Jacobsson Engineering, Inc.~~	~~P-186~~	~~$0,100~~	Ø
Jacobsson Engineering, Inc.	P-187	~~$5,214~~	$4645.42
~~Jacobsson Engineering, Inc.~~	~~P-188~~	~~$7,368~~	Ø

Subcontractor Total ~~$20,367~~

	Rate		
McCarthy Subcontractor Fee	5.00%	~~$1,468~~	$564.00

Total CPR ~~$30,835~~ $11,837.42

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 114 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 114 has been prepared to provide for additional costs associated with chemical feed systems, including sodium hypochlorite, citric acid, and sodium hydroxide system changes. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install variable frequency drives (VFD) and install 1 ½-inch pressure relief valves on sodium hypochlorite, citric acid, and sodium hydroxide feed systems.
- Contractor shall furnish all labor, equipment, and tools to remove 3,750 gallons of 50% sodium hydroxide solution from storage tank.

During chemical system start up, the sodium hypochlorite, citric acid, and sodium hydroxide feed systems were observed to have excessive system pressure exceeding the design requirements. Based on field investigation, it appears that higher speed (1,750 rpm) motors were installed as compared to approved shop drawings motors (1,140 rpm). However, further investigation also found that the lower speed motors were also observed to have excessive system pressure exceeding the design requirements.

Subsequently, variable frequency drives and larger size pressure relief valves were installed on the sodium hypochlorite, citric acid, and sodium hydroxide systems to relief excessive system pressure.

McCarthy's Change Order Proposal Request No. 125, dated September 26, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 66,601.00
- City Cost Estimate: $ 47,235.20
- Final Negotiated Cost: $ 31,305.00

The total amount of Change Order No. 114 is $ 31,305.00. This work was completed and negotiated based on a lump sum price. This is being settled at approximately 53% of the original cost estimate.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 114

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610		0%	066010
609-6553-821-8604	$23,478.75	75%	066010
276-6553-821-8604	$7,826.25	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 114 has been prepared to provide for additional costs associated with chemical feed systems, including sodium hypochlorite, citric acid, and sodium hydroxide system changes. The additional scope of work includes:
- Contractor shall furnish all labor, equipment, and tools to install variable frequency drives (VFD) and install 1 ½-inch pressure relief valves on sodium hypochlorite, citric acid, and sodium hydroxide feed systems.
- Contractor shall furnish all labor, equipment, and tools to remove 3,750 gallons of 50% sodium hydroxide solution from storage tank.

Reasons for Changes:

The design changes noted above are necessary to address excessive system pressure on the chemical feed systems.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 113		$3,416,324.00
3. Sum of contract prior to this change order		$55,988,324.00
4. Amount of this change order		$31,305.00
5. Sum of contract including this change order		$ 56,019,629.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	Date 11/13/12
Budget	Date	Client	Date 07 Nov 2012
Construction Manager	Date 11/13/12	City Engineer	Date 11-7-12
Contractor	Date 11/18/12	Administrative Services	Date 11/7/12
		Director of Public Works/Purchasing Agent	Date 11/8/12

McCARTHY

Change Proposal Request
CPR # 125
Date: 09/26/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 223

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

Gear Pump Design Issue

SCOPE:

This cost issue tracks the costs associated with AECOM Letter 304, RFI 707, RFI 707.1, RFI 707.2 and CH2MHILL Technical Memorandum - Chemical Feed Gear Pumps . The chemical batch systems required design changes based on McCarthy field testing. The pump and piping systems designed for Sodium Hydroxide, Sodium Hypochlorite and Citric Acid created 30 psig of additional discharge pressure, which could not be explained by CH2MHILL design review of the system. To correct this issue the changes required are noted below.
Changes required include the following:
-Additional labor and material for field testing, change out of PRVS which include re-pipe of Sodium Hypochlorite, Citric Acid and Sodium Hydroxide Header, replacement of ball check valves , add 3 phase motors for Sodium Bisulfite, Sodium Hypochlorite, Citric Acid and Sodium Hydroxide, provide VFD's for Sodium Hypochlorite, Citric Acid and Sodium Hydroxide, and removal of 50% Sodium Hydroxide and loading of 25% Sodium Hydroxide. This work is completed.

McCarthy has not included any labor cost associated with the change out of the gear pump motors. Work Authorization tickets #GP1005, GP1006, GP1007 and GP1008 track the hours associated with the motor change. The cost of this work not included in this CPR is $5,750.

REFERENCE:

Pricing Details

Company Name	Description	Amount
McCarthy Building Companies, Inc.	Labor	5,508.00
McCarthy Building Companies, Inc.	Material	21,596.00
McCarthy Building Companies, Inc.	Change Order Markup	4,201.00
	Net Amount of This Proposed Change	31,305.00

Net Change in Calendar Days Due to This Proposed Change

☑ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY:	BY:	BY:
Date: 9/26/12	Date:	Date:

Printed On: 09/26/2012 02:42:17 PM

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd
Oxnard, CA 93033

MCC Job 7581
Date: 9/12/2012
CI# 223

CPR 125 Cost Breakdown

McCarthy Mechanical Total		
Total Labor Cost:	$	5,508.00
Total Material Cost:	$	21,595.58
Total Equipment Cost:	$	-
Sub Total		$27,103.58
10% Markup		$2,710
5% POIB		$1,491
Sub Total	$	31,304.64
Subcontractor Costs		

Subcontractor Total		$0
	Rate	
McCarthy Subcontractor Fee	**5.00%**	$0
Total CPR	$	31,305

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 115 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 115 has been prepared to provide for additional costs associated with sulfuric acid and liquid lime compound loop programming changes. The additional scope of work includes:

Liquid Lime Programming changes:

- Provide adjustable liquid lime pH set point based on decarbonator effluent water quality and LSI calculations to produce a treated water LSI of about +0.2.
- Liquid lime feed pumps are based on flow and pH paced.
- Re-program liquid lime feed pump speed calculations.

Sulfuric Acid Programming Changes:

- Change initial target pH set point to 6.3.
- Sulfuric acid feed pump shall be controlled based on a flow set point and on a target pH for the MF filtrate. After initial pump speed is set based on MF filtrate flow, the pump shall be controlled to maintain a pH target set point at the pH meter located on the MF filtrate line. The operator shall enter the target pH on the HMI screen.
- Re-program sulfuric acid feed pump speed calculations.
- Sulfuric acid injection shall not be allowed without dilution water. The dilution water is set at 15 gpm. A pop up dialog shall be added to the HMI screen that reminds the operator to ensure that dilution water is flowing at 15 gpm prior to starting sulfuric acid feed pumps.

- Contractor shall utilize compound loop with flow pacing of MF filtrate flow (past the sulfuric acid injection point) and utilize pH as feedback control.

On July 18, 2012, the AECOM issued work directly time and material not to exceed $24,000 to proceed with the above programming changes. The City has verified the time and material effort amount of $22,442.00. However, McCarthy's proposed management cost of $6,869 is not justified.

McCarthy's Change Order Proposal Request No. 143, dated October 5, 2012, is attached for further clarification. This work was completed and negotiated based on a lump sum price.

- McCarthy Original Cost Estimate: $ 29,311.00
- Final Negotiated Cost: $ 22,442.00

The total amount of Change Order No. 115 is $ 22,442.00. This is being settled at approximately 70% of the original contractors cost estimate.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 115

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610		0%	066010
609-6553-821-8604	$16,831.50	75%	066010
276-6553-821-8604	$5,610.50	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 115 has been prepared to provide for additional costs associated with sulfuric acid and liquid lime compound loop programming changes. The additional scope of work includes:

Liquid Lime programming changes:

- Provide adjustable liquid lime pH set point based on decarbonator effluent water quality and LSI calculations to produce a treated water LSI of about + 0.2.
- Liquid lime feed pumps are based on flow and pH paced.
- Re-program liquid lime feed pump speed calculations.

Sulfuric Acid Programming Changes:

- Change initial target pH set point to 6.3.
- Sulfuric acid feed pump shall be controlled based on a flow set point and on a target H for the MF filtrate. After initial pump speed is set based on MF filtrate flow, the pump shall be controlled to maintain a pH target set point at the pH meter located on the MF filtrate line. The operator shall enter the target pH on the HMI screen.
- Re-program sulfuric acid feed pump speed calculations.
- Sulfuric acid injection shall not be allowed without dilution water. The dilution wter is set at 15 gpm. A pop-up dialogue shall be added to the HMI screen that reminds the operator to ensure that dilution water is flowing at 15 gpm prior to starting sulfuric acid feed pumps.
- Contractor shall utilize compound loop with flow pcing of MF filtrate flow (past the sulfuric acid injection point) and utilize pH as feedback control.

Reasons for Changes:

The design changes noted above are necessary to provide adequate liquid lime and sulfuric acid addition to the recycled water.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 114		$3,447,629.00
3. Sum of contract prior to this change order		$56,019,629.00
4. Amount of this change order		$22,442.00
5. Sum of contract including this change order	$	56,042,071.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

		Thin Ng	11/13/12
City Manager	Date	Project Manager	Date
			07 NOV 2012
Budget	Date	Client	Date
Thin Ng	11/13/12	Lee Ball	11-7-12
Construction Manager	Date	City Engineer	Date
	11/13/12		11/7/12
Contractor	Date	Administrative Services	Date
			11/18/12
		Director of Public Works/Purchasing Agent	Date

Attachment No. 1
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McCARTHY

Change Proposal Request

CPR # 143 Revision # 1
Date: 11/07/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 296

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

DC-21 SA And LL Compound Loop Programming

SCOPE:

This issue tracks the direct costs associated with the referenced SCADA changes. It also tracks the delay and indirect cost impacts of performing the work as requested.

DC-21 changes the control logic for the Liquid Lime and Sulfuric Acid injection to a compound loop to minimize operator interaction and provides a more automated system.

RFI-755 adds a pop up box to remind the operator that 15 gpm is required for Sulfuric Acid Operation.

RFI-797 clarifies direction given in DC-21.

After completion of programming systems will need to be tested and the plant will go through a re-start. System will be monitored to ensure proper operation.

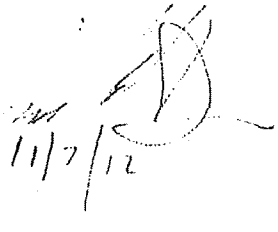
REFERENCE:

DC-21; RFI-755, RFI-797

Pricing Details

Company Name	Description	Amount
Rockwell Automation Inc	Programming	21,373.00
McCarthy Building Companies, Inc.	Change Order Markup	1,069.00
	Net Amount of This Proposed Change	22,442.00
	Net Change in Calendar Days Due to This Proposed Change	10

* Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY: 	BY:	BY:
Date: 11/7/12	Date:	Date:

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City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd
Oxnard, CA 93033

MCC Job 7581
Date: 10/5/2012
CI# 296

CPR 143

Total Labor Cost:	**$0**
Total Material Cost:	**$0**
Equipment Cost:	**$0**
Total General Cost:	~~**$5,947**~~
Sub Total	~~**$5,947**~~
10% Markup	~~**$595**~~
5% O&P, Insurance and Bonds	~~**$327**~~
McCarthy Mechanical Total	~~**$6,869**~~

11/6/12 - Agreed to remove these costs.

Subcontractor Costs	**Quote**
Rockwell	**$21,373**

Subcontractor Total		**$21,373**
	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$1,069**
Total CPR		~~**$29,311**~~ $22,442

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 116 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 116 has been prepared to provide for additional costs associated with the changes per RFI 834. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to replace specified wetlands plants with creeping spikerush (eleocharis palustris). Install as plugs and spaced 12 to 18 inches on center.

On July 18, 2012, the City issued work directly time and material not to exceed $5,000 to proceed with the above wetlands plating changes. The City has verified the time and material effort amount of $2,444.00.

McCarthy's Change Order Proposal Request No. 143, dated October 5, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 2,444.00
- Final Negotiated Cost: $ 2,444.00

The total amount of Change Order No. 116 is $ 2,444.00. This work was completed and based on time and material basis.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 116

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610		0%	066010
609-6553-821-8604	$1,833.00	75%	066010
276-6553-821-8604	$611.00	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 116 has been prepared to provide for additional costs associated with the changes per RFI 834. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to replace specified wetlands plants with creeping spikerush (eleocharis palustris). Install as plugs and spaced 12 to 18 inches on center.

Reasons for Changes:

The design changes noted above are necessary to provide adequate wetlands planting.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 115)		$3,470,071.00
3. Sum of contract prior to this change order		$56,042,071.00
4. Amount of this change order		$2,444.00
5. Sum of contract including this change order	$	56,044,515.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	Date 11/13/12
Budget	Date	Client	Date 07 NOV 2012
Construction Manager	Date 11/13/12	City Engineer	Date 11-7-12
Contractor	Date 11/13/12	Administrative Services	Date 11/7/12
		Director of Public Works/Purchasing Agent	Date 11/8/12

Attachment No. 1
Page 23 of 38

McCARTHY

Change Proposal Request

CPR # 160
Date: 11/07/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 318

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 834 - 1" Soil and Plant Change

SCOPE:

These are costs associated with The City of Oxnard's direction to proceed on T&M for added soil and plants for the SFM area per RFI 834.

There are extended services including General Conditions associated with this CPR that are not included in this pricing. These services are currently being negotiated with the City in a separate packages. McCarthy reserves the right to submit and be reimbursed for the additional costs associated with this CPR if an agreement is not made on other CPR's.

REFERENCE:

RFI 834

Pricing Details

Company Name	Description	Amount
American Landscape Inc	Landscape	2,328.00
McCarthy Building Companies, Inc.	Change Order Markup	116.00
	Net Amount of This Proposed Change	2,444.00

Net Change in Calendar Days Due to This Proposed Change

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY: Dale R. Hegle Date: 11/7/12	BY: _____ Date: _____	BY: _____ Date: _____

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City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/31/2012

CI# 318

CPR 160

Total Labor Cost:	**$0**
Total Material Cost:	**$0**
Total Equipment Cost:	**$0**
Sub Total	**$0**
10% Markup	**$0**
5% O&P, Insurance and Bonds	**$0**
McCarthy Mechanical Total	**$0**

Subcontractor Costs	**Quote**
American Landscape	**$2,328**
Subcontractor Total	**$2,328**

	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$116**
Total CPR		**$2,444**

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 117 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 117 has been prepared to provide for additional costs associated with the generator power cable changes. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install 40 feet of type W, 4 conductors, 2000 volt power cable.

On August 24, 2012, the City issued work directly time and material not to exceed $5,000 to proceed with the above generator power cable changes. The City has verified the time and material effort amount of $3,080.00.

McCarthy's Change Order Proposal Request No. 161, dated November 1, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 3,080.00
- Final Negotiated Cost: $ 3,080.00

The total amount of Change Order No. 117 is $ 3,080.00.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 117

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610		0%	066010
609-6553-821-8604	$2,310.00	75%	066010
276-6553-821-8604	$770.00	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 117 has been prepared to provide for additional costs associated with the generator power cable changes. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install 40 feet of type W, 4 conductors, 2000 volt power cable.

Reasons for Changes:

The design changes noted above are necessary to provide adequate power cable for the emergency standby generator.

1. Amount of original contract	**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 116	$3,472,515.00
3. Sum of contract prior to this change order	$56,044,515.00
4. Amount of this change order	$3,080.00
5. Sum of contract including this change order	$ 56,047,595.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Thin Ng Project Manager	11/13/12 Date
Budget	Date	[signature] Client	07 Nov 2012 Date
Thin Ng Construction Manager	11/13/12 Date	[signature] City Engineer	11-7-12 Date
[signature] Contractor	11/13/12 Date	[signature] Administrative Services	11/7/12 Date
		[signature] Director of Public Works/Purchasing Agent	11/8/12 Date

McCARTHY

Change Proposal Request

CPR # 161

Date: 11/07/2012

Project Name: Oxnard AWPF

Architect's Project No.:

Project No. : 007581.000

Cost Issue Ref # : 319

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

Generator Cable Change

SCOPE:

These are costs associated with The City of Oxnard's direction to proceed on T&M for replacing the generator cable to provide a safe grounded system.

There are extended services including General Conditions associated with this CPR that are not included in this pricing. These services are currently being negotiated with the City in a separate packages. McCarthy reserves the right to submit and be reimbursed for the additional costs associated with this CPR if an agreement is not made on other CPR's.

REFERENCE:

Pricing Details

Company Name	Description	Amount
Neal Electric	Electrical	2,934.00
McCarthy Building Companies, Inc.	Change Order Markup	146.00
	Net Amount of This Proposed Change	3,080.00

Net Change in Calendar Days Due to This Proposed Change

| | Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	Accept Do Not Accept	Accept Do Not Accept
BY: Dal Eddy	BY:	BY:
Date: 11/7/12	Date:	Date:

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/31/2012

CI# 319

CPR 161

Total Labor Cost:	**$0**
Total Material Cost:	**$0**
Total Equipment Cost:	**$0**
Sub Total	**$0**
10% Markup	**$0**
5% O&P, Insurance and Bonds	**$0**
McCarthy Mechanical Total	**$0**

Subcontractor Costs	**Quote**
Neal Electric	**$2,934**
Subcontractor Total	**$2,934**

	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$146**
Total CPR		**$3,080**

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 118 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 118 has been prepared to provide for additional costs associated with the changes per RFI 831.1. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install relay and wiring to accommodate "VFD FAIL" signal per contract requirements.

On August 23, 2012, the City issued work directly time and material not to exceed $5,000 to proceed with the above relay and wiring changes. The City has verified the time and material effort amount of $2,883.00.

McCarthy's Change Order Proposal Request No. 162, dated October 26, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 2,883.00
- Final Negotiated Cost: $ 2,883.00

The total amount of Change Order No. 118 is $ 2,883.00.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 118

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610		0%	066010
609-6553-821-8604	$2,162.25	75%	066010
276-6553-821-8604	$720.75	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 118 has been prepared to provide for additional costs associated with the changes per RFI 831.1. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install relay and wiring to accommodate "VFD FAIL" signal per contract requirements.

Reasons for Changes:

The design changes noted above are necessary to provide VFD fail signals to SCADA system.

1. Amount of original contract	**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 117	$3,475,595.00
3. Sum of contract prior to this change order	$56,047,595.00
4. Amount of this change order	$2,883.00
5. Sum of contract including this change order	$ 56,050,478.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	Date 11/13/12
Budget	Date	Client	Date 07 Nov 2012
Construction Manager	Date 11/13/12	City Engineer	Date 11-7-12
Contractor	Date 11/13/12	Administrative Services	Date 11/7/12
		Director of Public Works/Purchasing Agent	Date 11/18/12

Attachment No. 1
Page 31 of 38

McCARTHY

Change Proposal Request

CPR # 162
Date: 10/26/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 320

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 831.1 - VFD added Relay

SCOPE:

The following costs are associated with the Owner's direction to proceed with adding a relay required for the RO CIP system to function per RFI 831.1.

REFERENCE:

RFI 831.1

Pricing Details

Company Name	Description	Amount
Rockwell Automation Inc	VFD Mod	2,419.00
McCarthy Building Companies, Inc.	Start Up Engineer	297.00
McCarthy Building Companies, Inc.	Change Order Markup	167.00
	Net Amount of This Proposed Change	2,883.00

Net Change in Calendar Days Due to This Proposed Change

✓ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY:	BY:	BY:
Date: 10/26/12	Date:	Date:

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/23/2012

CI# 320

CPR 162

Total Labor Cost:	$297
Total Material Cost:	$0
Total Equipment Cost:	$0
Sub Total	$297
10% Markup	$30
5% O&P, Insurance and Bonds	$16
McCarthy Mechanical Total	$343

Subcontractor Costs	Quote
Rockwell	$2,419

Subcontractor Total		$2,419
	Rate	
McCarthy Subcontractor Fee	5.00%	$121
Total CPR		$2,883

McCarthy Building Companies, Inc.
Contract No. A-7259

Change Order 119

NOT USED

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 120 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 120 has been prepared to provide for additional costs associated with the changes per RFI 785.1. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install NEMA 4X pullbox on west wall of Building 10.
- Contractor shall furnish all labor, equipment, and tools to install 1 ¼-inch conduit from SFM pump to NEMA 4X pullbox. Conduit shall be concrete encased per detail 2605-400b.

On August 16, 2012, the City issued work directly time and material not to exceed $25,000 to proceed with the above wetlands SFM pump changes. The City has verified the time and material effort amount of $15,213.00.

McCarthy's Change Order Proposal Request No. 151, dated November 5, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 15,213.00
- Final Negotiated Cost: $ 15,213.00

The total amount of Change Order No. 120 is $ 15,213.00.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 120

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610		0%	066010
609-6553-821-8604	$11,409.75	75%	066010
276-6553-821-8604	$3,803.25	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 120 has been prepared to provide for additional costs associated with the changes per RFI 785.1. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install NEMA 4X pullbox on west wall of Building 10.
- Contractor shall furnish all labor, equipment, and tools to install 1 ¼-inch conduit from SFM pump to NEMA 4X pullbox. Conduit shall be concrete encased per detail 2605-400b.

Reasons for Changes:

The design changes noted above are necessary to install wetlands pumps moisture detector.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 118		$3,478,478.00
3. Sum of contract prior to this change order		$56,050,478.00
4. Amount of this change order		$15,213.00
5. Sum of contract including this change order	$	56,065,691.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

		Thin Ng	11/13/12
City Manager	Date	Project Manager	Date
			07 Nov 2012
Budget	Date	Client	Date
Thin Ng	11/13/12		11-7-12
Construction Manager	Date	City Engineer	Date
	11/13/12		11/7/12
Contractor	Date	Administrative Services	Date
			11/18/12
		Director of Public Works/Purchasing Agent	Date

McCARTHY

Change Proposal Request

CPR # 151

Date: 11/07/2012

Project Name: Oxnard AWPF

Project No. : 007581.000

Architect's Project No.:

Cost Issue Ref # : 309

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 785.1 SFM Sump Pump Electrical

SCOPE:

This cost issue tracks the costs associated with added electrical per RFI 785.1

There are extended services including General Conditions associated with this CPR that are not included in this pricing. These services are currently being negotiated with the City in a separate packages. McCarthy reserves the right to submit and be reimbursed for the additional costs associated with this CPR if an agreement is not made on other CPR's.

REFERENCE:

Pricing Details

Company Name	Description	Amount
American Landscape Inc	Landscape	8,596.00
Neal Electric	Electrical	5,893.00
McCarthy Building Companies, Inc.	Change Order Markup	724.00
	Net Amount of This Proposed Change	15,213.00

Net Change In Calendar Days Due to This Proposed Change

| | Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	. Accept ... Do Not Accept	___ Accept ___ Do Not Accept
BY: [signature]	BY: _____	BY: _____
Date: 11/7/12	Date: _____	Date: _____

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/31/2012

CI# 309

CPR 151

Total Labor Cost:	**$0**
Total Material Cost:	**$0**
Total Equipment Cost:	**$0**
Sub Total	**$0**
10% Markup	**$0**
5% O&P, Insurance and Bonds	**$0**
McCarthy Mechanical Total	**$0**

Subcontractor Costs	**Quote**
Neal Electric	**$5,893**
American Landscape	**$8,596**
Subcontractor Total	**$14,489**

	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$724**
Total CPR		**$15,213**

ATTACHMENT NUMBER 2

McCarthy Building Companies, Inc.
Contract No. A-7259
Change Order
Nos. 121 through 128

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 121 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 121 has been prepared to resolve the following design conflicts.

- Chemical storage tanks pads
- Decarbonator pads
- Neutralization tank pad
- Reverse osmosis clean-in-place tank pad
- Ultraviolet equipment pad

Chemical storage tank pads ($64,269): McCarthy indicated that the specification allowed alternative tank anchorage design in lieu of cast in place anchor system. McCarthy has selected a drill epoxy anchorage system. However, none of the other alternative anchor systems will fit the storage secondary containment sizes. McCarthy spent additional engineering effort, concrete and rebar costs to meet the specification requirements.

Decarbonator pads ($36,744): McCarthy indicated that the specification allowed an alternative anchorage design in lieu of a cast in place anchor system. McCarthy has selected a drill epoxy anchor system. However, the drill epoxy anchorage system requires revision to the rebar and concrete. McCarthy spent additional engineering effort, concrete and rebar costs to meet the specification requirements.

Neutralization tank Pad ($6,178): McCarthy indicated that the specification allowed an alternative tank anchorage design in lieu of a cast in place anchor system. McCarthy has selected a drill epoxy anchorage system. However, the drill epoxy system requires modification to the tank containment sizes. The Design engineer did not approve the tank containment size modifications. McCarthy spent additional engineering effort, concrete and rebar costs to meet the specification requirements.

Reverse osmosis clean-in-place tank pad ($8,732): McCarthy indicated that the tank containment does not accommodate the tank anchorage design. McCarthy spent additional engineering effort, concrete and rebar costs to meet the specification requirements.

Ultraviolet equipment pad ($2,014): McCarthy indicated that the calculated anchorage depth requirement is 1-inch thicker than the equipment pad thickness as shown on drawings. McCarthy spent additional engineering effort, concrete and rebar costs to meet the specification requirements.

The change order was initially rejected by City staff. McCarthy filed for initial notice of potential claim. Subsequently, City staff met with the City Attorney, Interim Public Works Director, and Development Services Director to discuss the matter. The City Attorney and the Directors advised staff to consider negotiating with McCarthy to avoid potential project claims.

Staff negotiated with McCarthy and agreed to compensate McCarthy $85,000. This work was completed and negotiated based on a lump sum price.

The scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install chemical storage tank, decarbonator, neutralization tank, reverse osmosis clean-in-place tank, and ultraviolet equipment anchorage systems per RFIs 85, 85.1, 129, 129.1, 138, 329, 341, 429, 598, and 598.1.

McCarthy's Change Order Proposal Request No. 81, dated October 25, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 117,936.00
- Final Negotiated Cost: $ 85,000.00

The total amount of Change Order No. 121 is $85,000.00 that is being settled at approximately 60% of the original cost estimate.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 121

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.	
609-6553-821-8610	$0.00	0%	066010	
609-6553-821-8604	$63,750.00	75%	066010	
276-6553-821-8604	$21,250.00	25%	066010	

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 121 has been prepared to address costs associated with design changes for the Tank Seismic Design. The scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install chemical storage tanks, decarbonator pads, neutralization tank, reverse osmosis clean-in-place tank, and ultraviolet equipment anchrage systems per RFIs 85, 85.1, 129, 129.1, 138, 329, 341, 429, 598, and 598.1.

Reasons for Changes:

The design changes noted above are necessary to meet California seismic code requirements.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 120		$3,493,691.00
3. Sum of contract prior to this change order		$56,065,691.00
4. Amount of this change order		$85,000.00
5. Sum of contract including this change order		$ 56,150,691.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

		Thin Ng	11/13/12
City Manager	Date	Project Manager	Date
			07 Nov 2012
Budget	Date	Client	Date
Thin Ng	11/13/12	Cam Baldwin	11-7-12
Construction Manager	Date	City Engineer	Date
	11/13/12		11/7/12
Contractor	Date	Administrative Services	Date
			11/8/12
		Director of Public Works/Purchasing Agent	Date

McCARTHY

Change Proposal Request

CPR # 081
Date: 10/25/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 69

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

Mechanical Equipment & Tank Seismic Anchorage Modifications

SCOPE:

Per negotiations on 10/24/12 the original cost of $117,936 has been reduced to $85,000.

This cost issue tracks the costs associated with the seismic design and modifications to the installation of the following sytems:

1) Chemical Facility FRP Tanks
2) Decarbonator Tower System
3) MF Building Pads
4) RO CIP Tank
5) UV System

REFERENCE:

RFI's 85, 85.1, 129, 129.1, 138, 329, 341, 429, 598 & 598.1

Pricing Details

Company Name	Description	Amount
Gerdau Reinforcing Steel	Reinforcing Steel Modifications	12,774.00
HL Moe Co Inc	Plumbing Modifications	1,918.00
McGuire Contracting Inc	Concrete Modifications	9,691.00
McCarthy Building Companies, Inc.	Seismic Modifications	60,617.00
McCarthy Building Companies, Inc.	Change Order Markup	0.00
	Net Amount of This Proposed Change	85,000.00

Net Change in Calendar Days Due to This Proposed Change

Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY: Curtis Horner Digitally signed by Curtis Horner DN: C=US, E=chorner@mccarthy.com, O=McCarthy Building Companies, OU=McCarthy Building Companies, CN=Curtis Horner Date: 2012.10.25 17:40:33-07'00'	BY: _____	BY: _____
Date: _____	Date: _____	Date: _____

Printed On: 10/25/2012 07:38:28 PM

Page: 1 of 1

Attachment No. 2
Page 5 of 44

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 122 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 122 has been prepared to resolve the Effluent Sampling Facilities cost proposal. On March 4, 2010, the Los Angeles Regional Water Quality Control Board (Regional Board) issued an amendment to the existing wastewater treatment plant National Pollutant Discharge Elimination System (NPDES) permit to include the membrane concentrate discharge from the AWPF. One of the new requirements is for the City to design and construct a combined effluent monitoring and sampling facility. Discharge to the City's ocean outfall is a combination of AWPF brine concentrate and Oxnard Wastewater Treatment Plant (OWTP) secondary effluent. The combined effluent sampling facility must be located downstream of any in-plant return, well-commingled flows of secondary-treated wastewater generated from the OWTP and brine waste produced from the AWPF before entering the discharge pipe to the outfall, where representative samples of the effluent can be obtained.

On November 30, 2012, the City issued a request for proposal to McCarthy to prepare concept design approaches and a cost proposal for the Effluent Sampling Facilities. On April 27, 2011, McCarthy submitted concept design approaches and a cost proposal of $1,419,510.

On July 13, 2011, the City received a time extension from the Regional Board which allows the City to complete the Effluent Sampling Facilities Project in design-bid-build sequence. Subsequently, the City notified McCarthy not to pursue the Effluent Sampling Facilities Project via a change order. McCarthy informed the City that they have incurred over $95,000 in preparing the cost proposal and the City used some of the design concepts to solicit approval from the Regional Board.

The change order was initially rejected by City staff. Subsequently, City staff met with the City Attorney, Interim Public Works Director, and Development Services Director to discuss the matter. The City Attorney and the Directors advised staff to consider negotiating with McCarthy to avoid potential project claims.

Staff negotiated with McCarthy and agreed to compensate McCarthy $20,000 for the cost proposal and design concepts provided. This work was completed and negotiated based on a lump sum price.

The scope of work includes:

- Contractor shall review request for proposal package and provide cost proposal for the Effluent Sampling Facilities Project.

McCarthy's Change Order Proposal Request No. 54, dated October 25, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 95,015.00
- Final Negotiated Cost: $ 20,000.00

The total amount of Change Order No. 122 is $ 20,000.00 that is being settled at approximately 25% of the original cost estimate.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 122

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$15,000.00	75%	066010
276-6553-821-8604	$5,000.00	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 122 has been prepared to address costs associated with the Effluent Sampling Facilities Project required by the Los Angeles Regional Water Quality Control Board. The scope of work includes:

- Contractor shall review request for proposal package and provide cost proposal for the Effluent Sampling Facilities Project.

Reasons for Changes:

The changes are necessary to compensate McCarthy for preparing concept design approach and cost proposal for the Effluent Sampling Facilities project.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 121)		$3,578,691.00
3. Sum of contract prior to this change order		$56,150,691.00
4. Amount of this change order		$20,000.00
5. Sum of contract including this change order		$ 56,170,691.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

	City Manager	Thin Ng	Project Manager 11/13/12
	Budget		Client 07 Nov 2012
Thin Ng	Construction Manager 11/13/12	Lee Baldwin	City Engineer 11-7-12
	Contractor 11/13/12		Administrative Services 11/7/12
			Director of Public Works/Purchasing Agent 11/8/12

Attachment No. 2
Page 8 of 44

McCARTHY

Change Proposal Request

CPR # 054
Date: 10/25/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 165

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

Sampling Facility Design Build Proposal

SCOPE:

Pursuant to the October 25, 2012 meeting the design build services provided by McCarthy for the Effluent Sampling Facility have been negotiated and agreed to for $20,000.

The California Regional Water Quality Control Board, Los Angeles Region (RWQCB), adopted Order No. R4-2010-0048 (NPDES No. CA0054097) on March 4, 2010. The order amends the effluent monitoring location and sampling procedure for the Oxnard Wastewater Treatment plant (OWWTP) as described in Order No. R4-2008-0029, which was adopted on May 1, 2008 and revised April 16, 2008. The order, adopted after the award of the construction contract for the Cityâ€™s Advanced Water Purification Plant (APWF) to McCarthy Building Companies, impacted the proposed design of the effluent sampling facilities identified in the contract documents for the AWPF. Revised conditions identified in the order require that sample flows of secondary-treated wastewater from the OWWTP and brine waste produced from the AWPF must be blended in proportion to their contribution to total flow entering the ocean outfall so that representative samples of the effluent being discharged to the receiving waters can be obtained.

REFERENCE:

Pricing Details

Company Name	Description	Amount
McCarthy Building Companies, Inc.	Design Build Services	20,000.00
	Net Amount of This Proposed Change	20,000.00

Net Change in Calendar Days Due to This Proposed Change

Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	Accept Do Not Accept	Accept Do Not Accept
BY: Curtis Horner Digitally signed by Curtis Horner DN: C=US, E=chorner@mccarthy.com, O=McCarthy Building Companies, OU=McCarthy Building Companies, CN=Curtis Horner Date: 2012.10.25 16:21:28-07'00'	BY:	BY:
Date:	Date:	Date:

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 123 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 123 has been prepared to address costs associated with replacement of downspouts at the RO Building roof. The existing galvanized downspouts have corroded due to severe weathering. The new downspouts will be made of stainless steel. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to remove and install downspouts per RFIs 811.

The change order was initially rejected by City staff. McCarthy filed for initial notice of potential claim. Subsequently, City staff met with the City Attorney, Interim Public Works Director, and Development Services Director to discuss the corroded downspouts issues. The City Attorney and the Directors advised staff to consider negotiating with McCarthy to avoid potential project claims.

McCarthy's Change Order Proposal Request No. 157, dated September 14, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 19,079.00
- AECOM / City Cost Estimate: $ 23,578.79
- Final Negotiated Cost: $ 19,079.00

The total amount of Change Order No. 123 is $ 19,079.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 123

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$19,079.00	100%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 123 has been prepared to address costs associated with design changes for the replacement of downspouts at the RO Building roof. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to remove and install downspouts per RFIs 811.

Reasons for Changes:

The changes noted above are necessary to replace existing galvanized downspouts which have been corroded due to severe weathering. The new downspouts will be made of stainless steel.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 122		$3,598,691.00
3. Sum of contract prior to this change order		$56,170,691.00
4. Amount of this change order		$19,079.00
5. Sum of contract including this change order		$ 56,189,770.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

		Thin Ng	11/13/12
City Manager	Date	Project Manager	Date
			07 NOV 2012
Budget	Date	Client	Date
Thin Ng	11/13/12	Cau Baldeece	11-7-12
Construction Manager	Date	City Engineer	Date
Cau Baldeece	11/13/12	Matt Dmune	11/7/12
Contractor	Date	Administrative Services	Date
			11/8/12
		Director of Public Works/Purchasing Agent	Date

EXHIBIT B

CITY OF OXNARD • DEPARTMENT OF PUBLIC WORKS

INITIAL NOTICE OF POTENTIAL CLAIM

INPC-100 (REV 9/2008)

FOR CITY USE ONLY	
Received	Date (For City Engineer)

TO: Lou Balderrama (City Engineer)	CONTRACT NUMBER: PW07-21 Contract Date:	DATE: 09/14/12	INDENTIFICATION NUMBER:

This is an Initial Notice of Potential Claim for additional compensation submitted as required under the provisions of Section 6-11, "Notice of Potential Claims," of the Standard Specifications. The cause giving rise to the potential claim occurred on: various dates

The particular nature and circumstances of this potential claim are described as follows: miscellaneous unresolved change orders

CPR 129 - RFI's 630.1, 766, 772
CPR 142 - Addition paving work along Perkins
CPR 137 - RFI 769 Liquid Lime Mixers
CPR 125 - Gear Pump issues
CPR 147 - RFI 763, 763.1, 804
CPR 148 - RFI 821, 809, 799, 773, 743
CPR 81 - Tank Seismic Design Changes
CPR 88 - Pipe Rack Design Changes
CPR 92 - Chemical Pump Pad Changes
CPR 120 - RO Sample Tubing
CPR 133 - Additional Temporary piping costs
CPR 156 - RFI 156
CPR 157 - Rusting Downspouts
CPR 158 - Replacement Trees
CPR 151 - RFI 785.1
CPR 143 - DC-21
CPR 139 - Eyewash Stations
Additional services/Extended General Conditions associate with change order work and project impacts

(Attach sheets as needed)

The undersigned Contractor certifies that the above statements and attached documents are made in full cognizance of the California False Claims Act, Government Code sections 12650-12655. The undersigned further understands and agrees that this potential claim to be further considered, unless resolved, must fully conform to the requirements in Section 6-11 of the Standard Specifications and must be restated as a claim in the Contractors written statement of claims in conformance with Section 6-11 of the Standard Specifications.

McCarthy Building Companies
CONTRACTOR

(Authorized Representative)

Curtis Horner

McCARTHY

Change Proposal Request

CPR # 157

Date: 11/07/2012

Project Name: Oxnard AWPF

Project No. : 007581.000

Architect's Project No.:

Cost Issue Ref # : 316

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 811 - Sheetmetal Downspouts

SCOPE:

This CI tracks the costs associated with RFI 811. Per RFI 811 due to the severe weathering experienced onsite the galvanized downspouts need to be replaced with an alternate material.

The work associated with RFI 811 is not installed. This scope of work cannot be installed prior to the current Final Completion Date - Milestone #3 of 9/31/12.

After approval from the City the material has a three (3) week procurement time and three (3) weeks for installation. Assuming approval from CCRC on 8/16/12 and release on 8/19/12, Milestone #3 and all references to it will need to be moved to 10/31/12.

There are extended services including General Conditions associated with this CPR that are not included in this pricing. These services are currently being negotiated with the City in a separate package (CPR 155). McCarthy reserves the right to submit and be reimbursed for the additional costs associated with this CPR if CPR 155 is not approved.

REFERENCE:

Pricing Details

Company Name	Description	Amount
EMS Construction Inc	Revised Downspouts	18,170.00
McCarthy Building Companies, Inc.	Change Order Markup	909.00
	Net Amount of This Proposed Change	19,079.00
	Net Change In Calendar Days Due to This Proposed Change	30

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY: Dan Ralph	BY: _____	BY: _____
Date: 11/7/12	Date: _____	Date: _____

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581
8/6/2012 rev

Date: 9/13/12

CI# 316

CPR 157

Total Labor Cost:		$0
Total Material Cost:		$0
Total Equipment Cost:		$0
Sub Total		$0
10% Markup		$0
5% O&P, Insurance and Bonds		$0
McCarthy Mechanical Total		$0

Subcontractor Costs		Quote
EMS Construction	RFI 811	$18,170

Subcontractor Total		$18,170
	Rate	
McCarthy Subcontractor Fee	5.00%	$909
Total CPR		$19,079

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 124 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 124 has been prepared to resolve design conflicts of the photovoltaic panel supports. On June 2, 2011, McCarthy submitted a request for change order for the photovoltaic panel support system. McCarthy indicated that during the submittal review process, the design engineer (CH2M Hill) provided a supplemental support detail to be included in the photovoltaic support system. The supplemental support detail is very different as compared to the commercial supports as defined in the specifications. The supplemental support detail is also much more expensive than the specified support system. Subsequently, McCarthy provided the photovoltaic support system per design engineer supplemental detail.

The change order was initially rejected by City staff. McCarthy filed for initial notice of potential claim. Subsequently, City staff met with the City Attorney, Interim Public Works Director, and Development Services Director to discuss the photovoltaic support system claim. The City Attorney and the Directors advised staff to consider negotiating with McCarthy to avoid potential project claims.

Staff negotiated with McCarthy and agreed to compensate McCarthy $102,762.

The scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install photovoltaic support system per submittal 26 31 00-0001-1.

McCarthy's Change Order Proposal Request No. 70, dated October 31, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 238,000.00
- Final Negotiated Cost: $ 102,762.00

The total amount of Change Order No. 124 is $ 102,762.00. This additional work has not been completed and is based on a "Lump Sum" cost that is being settled at approximately 40% of the original cost estimate.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 124

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$77,071.50	75%	066010
276-6553-821-8604	$25,690.50	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 124 has been prepared to address costs associated with the design changes for the Photovoltaic Panel Support. The scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install photovoltaic support system per submittal 26 31 00-0001-1.

Reasons for Changes:

The changes are necessary to meet California seismic code and roofing manufacturer warranty requirements.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 123		$3,617,770.00
3. Sum of contract prior to this change order		$56,189,770.00
4. Amount of this change order		$102,762.00
5. Sum of contract including this change order	$	56,292,532.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	11/13/12 Date
Budget	Date	Client	07 NOV 2012 Date
Construction Manager	11/13/12 Date	City Engineer	11-7-12 Date
Contractor	11/13/12 Date	Administrative Services	11/7/12 Date
		Director of Public Works/Purchasing Agent	11/8/12 Date

McCARTHY

Change Proposal Request

CPR # 070
Date: 10/31/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 196

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

Doty - Photovoltaic Panel Supports

SCOPE:

This cost issue tracks the costs associated with Doty's claim that the design of the PV support system was impacted by CH2M Hill's submittal responses, design restrictions, and additional design details.
Doty initially submitted a standard photovoltaic support system, designed and manufactured by Schletter, Inc., that is commonly used throughout the construction industry and meets the water tight/warranty requirements for membrane roofing systems.
During the submittal process CH2MHill imposed restrictions and requirements upon Doty that resulted in material revisions to the scope of work for the photovoltaic panel support system. This required the use of substantially more expensive structural steel type "Stand-Off Pipe" support system. Doty has proceeded with this work in good faith.
They have installed the revised support system in support of the overall project.

REFERENCE:

Pricing Details

Company Name	Description	Amount
Neal Electric	PV Panel Supports	102,762.00
	Net Amount of This Proposed Change	102,762.00

Net Change in Calendar Days Due to This Proposed Change

☑ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY: [signature] Date: 10/31/12	BY: Date:	BY: Date:

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility
5700 S Perkins Rd
Oxnard, CA 93033

MCC Job 7581
Date: 6/13/2011
CI# 196

CPR 070 Price Summary

Total Labor Cost:	
Total Material Cost:	
Total Equipment Cost:	
Sub Total	**$0**
10% Markup	**$0**
5% O&P, Insurance and Bonds	**$0**
8.75% Tax	**$0**
McCarthy Total	**$0**

Subcontractor Costs	**Quote**
Doty Bros	**$102,762**
Subcontractor Total	**$102,762**

	Rate	
McCarthy Fee	**5.00%**	**0**
Total CPR		**$102,762**

McCARTHY

Change Proposal Request

CPR # 70
Date: 06/02/2011

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 196

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

Doty - Photovoltaic Panel Supports

SCOPE:

This cost issue tracks the costs associated with Doty's claim that the design of the PV support system was impacted by CH2M Hill's submittal responses, design restrictions, and additional design details.

REFERENCE:

Pricing Details

Company Name	Description	Amount
Doty Bros Equipment Co dba Doty Bros Construction Co	PV Panel Supports	238,140.00
	Net Amount of This Proposed Change	238,140.00

Net Change in Calendar Days Due to This Proposed Change

[X] Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY: [signature]	BY: _____	BY: _____
Date: 6/2/11	Date: _____	Date: _____

Printed On: 06/02/2011 02:56:36 PM

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility
5700 S Perkins Rd
Oxnard, CA 93033

MCC Job 7581
Date: 6/2/2011
CI# 196

CPR 049 Price Summary

Total Labor Cost:	
Total Material Cost:	
Total Equipment Cost:	
Sub Total	**$0**
10% Markup	**$0**
5% O&P, Insurance and Bonds	**$0**
8.75% Tax	**$0**
McCarthy Total	**$0**

Subcontractor Costs	**Quote**
Doty Brothers	**$238,140**
Subcontractor Total	**$238,140**

	Rate	
McCarthy Fee	**0.00%**	**$0**
Total CPR		**$238,140**

DOTY BROS.
Construction Company

May 20, 2011

Mr. Curtis Horner
McCarthy, Oxnard AWPF
5700 S. Perkins Rd.
Oxnard, CA 93033

Re: City Of Oxnard Great Program Advanced Water Purification Facility

Subject: Photovoltaic Panel Supports

Dear Curtis,

On January 12, 2011,Doty Bros. Construction Company (Doty) previously submitted our Change Order Proposal No. 11 in the total amount of $238,140 (see attached). The subject request for additional compensation is based upon a changed condition resulting from the submittal review process.

Technical Specifications Section 26 31 00 of the Contract Documents states the following.

- Article 2.01, Paragraph B. "Design shall prevent moisture from penetrating roof system and shall be coordinated with roof structure."
- Article 2.01, Paragraph C. "Comply with roof system manufacturer's warranty design criteria when penetrating roof system."
- Article 3.01, Paragraph G. "Design and construction shall prevent moisture from penetrating the roof system and shall be coordinated with the roof structure."

Per the Contract Documents, Doty was required to provide a Photovoltaic (PV) Panel support system which maintained the water tight/warranty requirements of the roof system. Doty bid this project per those requirements and initiated the submittal process utilizing a standard support system, designed and manufactured by Schletter, Inc., that is used throughout the construction industry and meets this important criteria. During the course of the submittal process, the design consultant, CH2M Hill, imposed restrictions and requirements upon Doty that resulted in material revisions to the scope of work for the PV Panel support system, as follows.

- Reference Submittal No. 26 31 00-0001-1. Therein, Doty submitted the proposed Schletter PV Panel support system as illustrated on Schletter's attached Drawing Number v.1 and Schletter's attached Components overview sheet 11 of 31. The subject system is utilized in the construction industry for the design application as required at Buildings 20 and 30 on the AWPF project.
- Reference CH2M Hill's Submittal Review Response for Submittal No. 26 31 00-0001-1 dated October 6, 2010. The Status is identified as "Revise and resubmit". Item 11 states, "Roof standoffs

11232 E. Firestone Blvd., Norwalk, CA 90650 Phone: (562) 864-6566 Fax: (562) 864-6052 www.dotybros.com CA Lic. 273024

are required to be longer than submitted in order to not void the roof manufacturer's warranty. Separation between the roof and the top of pipe penetration flashing is 8" minimum." It continues, "See supplemental detail (attached) for standoff detail. Make sure that this longer standoff is taken into account when performing structural anchorage and bracing calculations." Therein, CH2M Hill provided a standard detail 0754-017 from Mainstreet Architects which indicates the use of a "Stand-Off Pipe". Note that the only previous standard detail provided within the Contract Documents for roof penetrations was CH2M Hill standard detail 2605-312 for conduits passing through the roof system. ***On October 6, 2010, CH2M Hill's Submittal Review Response directed material revisions to the scope of work, requiring structural steel type "Stand-Off Pipe(s)" for the PV Panel supports.***

- Reference CH2M Hill's Submittal Review Response for Submittal No. 26 31 00-0001-2 dated December 22, 2010. The Status is identified as "Revise and resubmit". Item 2 states, "PV system is to be anchored to roof beams. Provide detail showing anchor bolt size and spacing for each beam size being attached to." ***On December 22, 2010, CH2M Hill's Submittal Review Response directed that the structural steel type "Stand-Off Pipe(s) were to be attached to the building structural steel using a bolted connection.***

- Reference Submittal No. 26 31 00-0002. Therein, Doty submitted a modified detail for the PV Panel support system utilizing the structural steel type "Stand-Off Pipe(s)" supports along with a general layout and baseplate bolt pattern as previously required by CH2M Hill's Submittal Review Responses. Reference CH2M Hill's Submittal Review Response dated November 30, 2010. The Status is identified as "Approved as Noted". Upon receipt of the subject Submittal Review Response, Doty proceeded with final procurement to install the modified structural steel type "Stand-Off Pipe(s)".

Doty initially submitted a standard PV Panel support system, designed and manufactured by Schletter, Inc., that is commonly used throughout the construction industry and meets water tight/warranty requirements for membrane roofing systems. During the course of the submittal process, CH2M Hill imposed restrictions and requirements upon Doty that resulted in material revisions to the scope of work for the PV Panel support system, requiring the use of a substantially more expensive structural steel type "Stand-Off Pipe" support system. Doty has proceeded with this work in good faith, we have installed the revised supports in support of the overall project schedule. Doty respectfully requests that we be compensated for the additional costs associated with this revision in the amount of $238,140.

Contact the undersigned at (562) 345 – 1451 if you have any questions or require additional information.

Sincerely,

Jeff Troop
Major Projects Division Manager

Cc: File

SUB-CONTRACTOR'S COST INDICATOR VERIFICATION WORK SHEET	CITY OF OXNARD 305 W. THIRD STREET OXNARD, CA 93030 (805) 385-7821

FIRM:

PROJECT: Oxnard AWPF
PRO No: PW07-21

DATE: 1/12/2011
CO No:
By: Doty Bros.

CHANGE ORDER ITEM: Revise PV support system

MATERIAL	UNIT QUANTITY	UNIT PRICE	MATERIAL EXTENSION
Bid Day Cost For Schletter Complete Racking Syst		-$35,465.00	-$35,465
Cost for New Schletter Racking System		$83,852.60	$83,852
FASTENER S / STAINLESS /RUBBER 4 X 185	185	$39.11	$7,235
16" METAL STAND OFF UNITS	185	$54.15	$10,018
FREIGHT FEES	1	$3,524.00	$3,524
Tax @ 8.75 %	1		$6,051
Bond Fee	1		$1,698
		TOTAL	$76,912
LABOR (BY SKILL)	**UNIT QUANTITY**	**UNIT PRICE**	**LABOR EXTENSION**
ADDITIONAL LABOR FOR NEW ROOF SYST	260	$65.75	$16,438
STAND OFF LABOR / NEOPRENE INST	269	$65.75	$18,002
CAD Design	80	$75.00	$6,000
ESTIMATING	40	$75.00	$3,000
Engineering	60	$125.00	$7,500
Installation by Bragg Crane	1	$70,431.00	$70,431
			$0
			$0
			$0
			$0
			$0
			$0
		TOTAL	$122,370
EQUIPMENT (RENTAL)	**UNIT QUANTITY**	**UNIT PRICE**	**EQUIPMENT EXTENSION**
FORK LIFT RENTAL	1	$2,950.00	$2,950
STORAGE FEE .	1	$3,950.00	$3,950
			$0
			$0
		TOTAL	$6,900

SUB-TOTAL:	$206,182
10% MARKUP	$20,618
5% POB	$11,340
TOTAL:	$238,140

SUBMITTED BY: Ron Schwab

TITLE: Project Manager

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 125 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 125 has been prepared to address costs associated with design changes for replacement of two (2) liquid lime mixers. The two (2) liquid lime mixers provided by the Contractor do not provide adequate lime mixing. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to remove the existing two (2) liquid lime mixers. Contractor shall furnish all labor, equipment, and tools to install two (2) new liquid lime mixers.

The change order was initially rejected by City staff. McCarthy filed for initial notice of potential claim. Subsequently, City staff met with the City Attorney, Interim Public Works Director, and Development Services Director to discuss the matter. The City Attorney and the Directors advised staff to consider negotiating with McCarthy to avoid potential project claims.

Staff negotiated with McCarthy and McCarthy agreed to remove and install two (2) liquid lime mixers at no cost to the City. The City agreed to purchase the two (2) new liquid lime mixers at a cost of $27,407.

McCarthy's Change Order Proposal Request No. 137, dated October 9, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 65,187.00
- Final Negotiated Cost: $ 27,407.00

The total amount of Change Order No. 125 is $ 27,407.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 125

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$27,407.00	100%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 125 has been prepared to address costs associated design changes for replacement of two (2) liquid lime mixers. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to remove existing two (2) liquid lime mixers. Contractor shall furnish all labor, equipment, and tools to install two (2) new liquid lime mixers.

Reasons for Changes:

The design changes noted above are necessary to provide adequate lime mixing.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 124		$3,720,532.00
3. Sum of contract prior to this change order		$56,292,532.00
4. Amount of this change order		$27,407.00
5. Sum of contract including this change order	$	56,319,939.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Thin Ng	11/13/12
		Project Manager	Date
Budget	Date		07 Nov 2012
		Client	Date
Thin Ng	11/13/12		11-7-12
Construction Manager	Date	City Engineer	Date
	11/13/12		11/7/12
Contractor	Date	Administrative Services	Date
			11/8/12
		Director of Public Works/Purchasing Agent	Date

EXHIBIT B

CITY OF OXNARD • DEPARTMENT OF PUBLIC WORKS

INITIAL NOTICE OF POTENTIAL CLAIM

INPC-100 (REV 9/2008)

FOR CITY USE ONLY	
Received	Date (For City Engineer)

TO: Lou Balderrama (City Engineer)	CONTRACT NUMBER: PW07-21 Contract Date:	DATE: 09/14/12	INDENTIFICATION NUMBER:

This is an Initial Notice of Potential Claim for additional compensation submitted as required under the provisions of Section 6-11, "Notice of Potential Claims," of the Standard Specifications. The cause giving rise to the potential claim occurred on: various dates

The particular nature and circumstances of this potential claim are described as follows: miscellaneous unresolved change orders

CPR 129 - RFI's 630.1, 766, 772
CPR 142 - Addition paving work along Perkins
CPR 137 - RFI 769 Liquid Lime Mixers
CPR 125 - Gear Pump issues
CPR 147 - RFI 763, 763.1, 804
CPR 148 - RFI 821, 809, 799, 773, 743
CPR 81 - Tank Seismic Design Changes
CPR 88 - Pipe Rack Design Changes
CPR 92 - Chemical Pump Pad Changes
CPR 120 - RO Sample Tubing
CPR 133 - Additional Temporary piping costs
CPR 156 - RFI 156
CPR 157 - Rusting Downspouts
CPR 158 - Replacement Trees
CPR 151 - RFI 785.1
CPR 143 - DC-21
CPR 139 - Eyewash Stations
Additional services/Extended General Conditions associate with change order work and project impacts

(Attach sheets as needed)

The undersigned Contractor certifies that the above statements and attached documents are made in full cognizance of the California False Claims Act, Government Code sections 12650-12655. The undersigned further understands and agrees that this potential claim to be further considered, unless resolved, must fully conform to the requirements in Section 6-11 of the Standard Specifications and must be restated as a claim in the Contractors written statement of claims in conformance with Section 6-11 of the Standard Specifications.

McCarthy Building Companies
CONTRACTOR

(Authorized Representative)

Curtis Horner

McCARTHY

Change Proposal Request

CPR # 137
Date: 10/09/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 287

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 769 - Liquid Lime Mixer

SCOPE:

This cost issue tracks the costs associated with the change in design for specification 43 22 56.01 per RFI 769.

Specification section 43 22 56.01-2.03.B requires that the mixer shafts be provided in a diameter of 3.5" at a length of 216". The specification does not provide a design that would give the City of Oxnard proper mixing of the chemical being stored. Philadelphia Mixer re-submitted shop drawings with the new design criteria, which was approved. This changed the mixers diameter and length.

The material for this change is 15 weeks from the approval of this change order. This change order is not within the constraints of Milestone #3.

The added scope of work includes:
-Provide (2) new mixer shafts that are 4" in diameter and 246" long.

REFERENCE:

Pricing Details

Company Name	Description	Amount
Philadelphia Mixing Solutions	Mixers	22,130.00
McCarthy Building Companies, Inc.	Sales Tax - Equip	1,599.00
McCarthy Building Companies, Inc.	Change Order Markup	3,678.00
	Net Amount of This Proposed Change	27,407.00

Net Change in Calendar Days Due to This Proposed Change

√ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	Accept Do Not Accept	Accept Do Not Accept
BY: [signature] Date: 10/8/12	BY: Date:	BY: Date:

Printed On: 10/09/2012 10:52:38 AM

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/8/2012

CI# 287

CPR 137

Total Labor Cost:	$0
Total Material Cost:	$23,729
Total General Cost:	$0
Sub Total	$23,729
10% Markup	$2,373
5% O&P, Insurance and Bonds	$1,305
McCarthy Mechanical Total	$27,407
Subcontractor Costs	Quote
Subcontractor Total	$0

	Rate	
McCarthy Subcontractor Fee	5.00%	$0
Total CPR		$27,407

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 126 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 126 has been prepared to resolve design conflicts of the RO sample tubes. McCarthy indicated that the RO sample tubes are the responsibilities of the RO supplier. The City awarded the RO contract prior to bidding AWPF Project.

The change order was initially rejected by City staff. McCarthy filed for initial notice of potential claim. Subsequently, City staff met with the City Attorney, Interim Public Works Director, and Development Services Director to discuss the matter. The City Attorney and the Directors advised staff to consider negotiating with McCarthy to avoid potential project claims.

McCarthy and the City agreed to cost sharing.

The scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to provide RO sample tubes.

McCarthy's Change Order Proposal Request No. 120, dated October 25, 2012, is attached for further clarification. This work was completed and negotiated based on a lump sum price.

- McCarthy Original Cost Estimate: $ 11,192.00
- Final Negotiated Cost: $ 5,499.00

The total amount of Change Order No. 126 is $ 5,499.00 that is being settled at approximately 51% of the original cost estimate.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 126

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$4,124.25	75%	066010
276-6553-821-8604	$1,374.75	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 126 has been prepared to address costs associated with design changes required for the RO Sample Tubing. The scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to provide RO sample tubes.

Reasons for Changes:

The changes noted above are necessary to resolve RO sample tubing conflicts.

1. Amount of original contract	**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 125	$3,747,939.00
3. Sum of contract prior to this change order	$56,319,939.00
4. Amount of this change order	$5,499.00
5. Sum of contract including this change order	$ 56,325,438.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	11/13/12 Date
Budget	Date	Client	07 NOV 2012 Date
Construction Manager	11/13/12 Date	City Engineer	11-7-12 Date
Contractor	11/13/12 Date	Administrative Services	11/7/12 Date
		Director of Public Works/Purchasing Agent	11/18/12 Date

Attachment No. 2
Page 31 of 44

CITY OF OXNARD • DEPARTMENT OF PUBLIC WORKS

INITIAL NOTICE OF POTENTIAL CLAIM

INPC-100 (REV 9/2008)

FOR CITY USE ONLY	
Received	Date (For City Engineer)

TO: Lou Balderrama (City Engineer)	CONTRACT NUMBER: PW07-21 Contract Date:	DATE: 09/14/12	INDENTIFICATION NUMBER:

This is an Initial Notice of Potential Claim for additional compensation submitted as required under the provisions of Section 6-11, "Notice of Potential Claims," of the Standard Specifications. The cause giving rise to the potential claim occurred on: various dates

The particular nature and circumstances of this potential claim are described as follows: miscellaneous unresolved change orders

CPR 129 - RFI's 630.1, 766, 772
CPR 142 - Addition paving work along Perkins
CPR 137 - RFI 769 Liquid Lime Mixers
CPR 125 - Gear Pump issues
CPR 147 - RFI 763, 763.1, 804
CPR 148 - RFI 821, 809, 799, 773, 743
CPR 81 - Tank Seismic Design Changes
CPR 88 - Pipe Rack Design Changes
CPR 92 - Chemical Pump Pad Changes
CPR 120 - RO Sample Tubing
CPR 133 - Additional Temporary piping costs
CPR 156 - RFI 156
CPR 157 - Rusting Downspouts
CPR 158 - Replacement Trees
CPR 151 - RFI 785.1
CPR 143 - DC-21
CPR 139 - Eyewash Stations
Additional services/Extended General Conditions associate with change order work and project impacts

(Attach sheets as needed)

The undersigned Contractor certifies that the above statements and attached documents are made in full cognizance of the California False Claims Act, Government Code sections 12650-12655. The undersigned further understands and agrees that this potential claim to be further considered, unless resolved, must fully conform to the requirements in Section 6-11 of the Standard Specifications and must be restated as a claim in the Contractors written statement of claims in conformance with Section 6-11 of the Standard Specifications.

McCarthy Building Companies
CONTRACTOR

(Authorized Representative)

Curtis Horner

McCARTHY

Change Proposal Request
CPR # 120 Revision # 2
Date: 10/25/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 224

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RO Sample Tubing

SCOPE:

10/25/12 - Corrected material price and revised cost to negotiated value.

10/8/2012 - McCarthy reduced value to 50% of previously submitted sum. Please refer to previously submitted backup documentation.

This cost issue tracks the costs associated with the stainless steel pipe material required for the sample lines that connect the RO conductivity analyzers. The RO System vendor, H2O Innovations, supplied the stainless steel sample piping shown on drawing 08-I-04c. However, H2O Innovation's Pre-purchased agreement section A.3 SERVICES states: "All civil works, building and slabs, electrical power supply, pretreatment equipment, cartridge filters, pumps, CIP system, MCC and VFDS; interconnecting piping between the proposed trains and various system components, piping runs to and from the trains; additional storage tanks and booster pumps; and installation of the proposed equipment is by others."
The piping is not included in McCarthy's scope because the pipe highlighted in the attachment for clarification drawing 08-I-4C, is shown to be included in the vendor package. The costs represent the material cost to be reimbursed to H2O Innovations.

REFERENCE:

Pricing Details

Company Name	Description	Amount
Membrane Systems Inc	SST Piping	5,237.00
McCarthy Building Companies, Inc.	Change Order Markup	262.00
	Net Amount of This Proposed Change	5,499.00

Net Change in Calendar Days Due to This Proposed Change

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY: David R. Hegle	BY: _____	BY: _____
Date: 10/25/12	Date: _____	Date: _____

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date:

CI# 224

CPR 120

Total Labor Cost:	$	-
Total Material Cost:	$	-
Total Equipment Cost:	$	-
Sub Total	$	-
10% Markup	$	-
5% O&P, Insurance and Bonds	$	-
McCarthy Mechanical Total	$	-

Subcontractor Costs		**Quote**
H20 Innovations	$	10,475.00
Subcontractor Total	$	10,475.00

	Rate		
McCarthy Subcontractor Fee	**5.00%**	$	523.75
Total CPR		$	10,998.75
50/50 Negotiated CPR		$	5,499.38

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 127 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 127 has been prepared to resolve design conflicts of the chemical feed pump concrete pads. McCarthy indicated that chemical feed pump concrete pads were shown much smaller than the chemical feed pump sizes. As a result, McCarthy increased the chemical feed pump concrete pad sizes to accommodate chemical feed pumps.

The change order was initially rejected by City staff. McCarthy filed for initial notice of potential claim. Subsequently, City staff met with the City Attorney, Interim Public Works Director, and Development Services Director to discuss the matter. The City Attorney and the Directors advised staff to consider negotiating with McCarthy to avoid potential project claims.

McCarthy and the City agreed to cost sharing.

The scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to increase chemical feed pump concrete pads.

McCarthy's Change Order Proposal Request No. 92, dated October 25, 2012, is attached for further clarification. This work was completed and negotiated based on a lump sum price.

- McCarthy Original Cost Estimate: $ 22,190.00
- Final Negotiated Cost: $ 12,274.00

The total amount of Change Order No. 127 is $ 12,274.00 that is being settled at approximately 45% of the original cost estimate.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 127

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$9,205.50	75%	066010
276-6553-821-8604	$3,068.50	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 127 has been prepared to address costs associated with design conflicts of the chemical feed pump concrete pads. The scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to increase chemical feed pump concrete pads.

Reasons for Changes:

The changes noted above are necessary to resolve chemical feed pump concrete pad sizes conflicts.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 126)		$3,753,438.00
3. Sum of contract prior to this change order		$56,325,438.00
4. Amount of this change order		$12,274.00
5. Sum of contract including this change order		$ 56,337,712.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	11/13/12 Date
Budget	Date	Client	07 Nov 2012 Date
Construction Manager	11/13/12 Date	City Engineer	11-7-12 Date
Contractor	11/13/12 Date	Administrative Services	11/7/12 Date
		Director of Public Works/Purchasing Agent	11/18/12 Date

EXHIBIT B

CITY OF OXNARD • DEPARTMENT OF PUBLIC WORKS

INITIAL NOTICE OF POTENTIAL CLAIM

INPC-100 (REV 9/2008)

FOR CITY USE ONLY	
Received	Date (For City Engineer)

TO: Lou Balderrama (City Engineer)	CONTRACT NUMBER: PW07-21 Contract Date:	DATE: 09/14/12	INDENTIFICATION NUMBER:

This is an Initial Notice of Potential Claim for additional compensation submitted as required under the provisions of Section 6-11, "Notice of Potential Claims," of the Standard Specifications. The cause giving rise to the potential claim occurred on: various dates

The particular nature and circumstances of this potential claim are described as follows: miscellaneous unresolved change orders

CPR 129 - RFI's 630.1, 766, 772
CPR 142 - Addition paving work along Perkins
CPR 137 - RFI 769 Liquid Lime Mixers
CPR 125 - Gear Pump issues
CPR 147 - RFI 763, 763.1, 804
CPR 148 - RFI 821, 809, 799, 773, 743
CPR 81 - Tank Seismic Design Changes
CPR 88 - Pipe Rack Design Changes
CPR 92 - Chemical Pump Pad Changes
CPR 120 - RO Sample Tubing
CPR 133 - Additional Temporary piping costs
CPR 156 - RFI 156
CPR 157 - Rusting Downspouts
CPR 158 - Replacement Trees
CPR 151 - RFI 785.1
CPR 143 - DC-21
CPR 139 - Eyewash Stations
Additional services/Extended General Conditions associate with change order work and project impacts

(Attach sheets as needed)

The undersigned Contractor certifies that the above statements and attached documents are made in full cognizance of the California False Claims Act, Government Code sections 12650-12655. The undersigned further understands and agrees that this potential claim to be further considered, unless resolved, must fully conform to the requirements in Section 6-11 of the Standard Specifications and must be restated as a claim in the Contractors written statement of claims in conformance with Section 6-11 of the Standard Specifications.

McCarthy Building Companies
CONTRACTOR

(Authorized Representative)
Curtis Horner

McCARTHY

Change Proposal Request

CPR # 092
Date: 10/25/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 179

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 376/376.1 - Chem Bldg Pump Pad Changes

SCOPE:

This cost issue tracks the cost associated with RFIs 376 and 376.1.
The response to RFI 376 resized the pump pads in the Chemical Storage Facility to accommodate the pump/motor mounts. The pumps provided were an "or equal" with pump/motor mounts that are different from the named pumps in the specifications. The pump pads were originally sized to the named pump bases. The named pumps did not have motor bases and therefore the pump motor would have over hanged the pump pad if built per the drawings. The larger pump pad provides the following benefits to the owner:
-Pad protects the pump/motor from accidental contact
-Pad supports pumps provided by the Contractor, which "or equal" is acceptable per the specifications.
The increased size requires more concrete and reinforcing steel as well as new SST ledgers to work with the revised sizes. The added cost is for the labor and materials to perform this work. (Added concrete material and labor cost was not charged to the Owner.)

REFERENCE:

RFI 376, RFI 376.1

Pricing Details

Company Name	Description	Amount
Bragg Crane & Rigging	Modified Grating per RFI 376/ 376.1	9,051.00
Gerdau Reinforcing Steel	Modified Reinforcing pre RFI 376 & 376.1	3,223.00
McCarthy Building Companies, Inc.	Fee	0.00
	Net Amount of This Proposed Change	12,274.00

Net Change in Calendar Days Due to This Proposed Change

☒ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	Accept Do Not Accept	Accept Do Not Accept
BY:	BY:	BY:
Date: 10/25/12	Date:	Date:

Printed On: 10/25/2012 04:28:12 PM

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/23/2012

CI# 179

CPR 92

Total Labor Cost:	$0
Total Material Cost:	$0
Total Equipment Cost:	$0
Sub Total	$0
10% Markup	$0
5% O&P, Insurance and Bonds	$0
McCarthy Mechanical Total	$0

Subcontractor Costs	Quote
Bragg Crane & Rigging RFI 376	$9,051
McGuire Contracting RFI 376	$0
Pacific Coast Steel RFI 376	$3,223
Subcontractor Total	$12,274

	Rate	
McCarthy Subcontractor Fee	5.00%	$0

Total CPR $12,274

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 128 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 128 has been prepared to resolve design conflicts of microfiltration filtrate pipe support. The pipe support bracket was re-fabricated to fit the field conditions.The change order was initially rejected by City staff. McCarthy filed for initial notice of potential claim. Subsequently, City staff met with the City Attorney, Interim Public Works Director, and Development Services Director to discuss the matter. The City Attorney and the Directors advised staff to consider negotiating with McCarthy to avoid potential project claims.

McCarthy and the City agreed to cost sharing.

The scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to fabricate MFF piping support per RFIs 286 and 286.1.

McCarthy's Change Order Proposal Request No. 88, dated October 25, 2012, is attached for further clarification. This work was completed and negotiated based on a lump sum price.

- McCarthy Original Cost Estimate: $ 20,180.00
- Final Negotiated Cost: $ 10,089.00

The total amount of Change Order No. 128 is $ 10,089.00 that is being settled at approximately 50% of the original cost estimate.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 128

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$7,566.75	75%	066010
276-6553-821-8604	$2,522.25	25%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 128 has been prepared to address design conflicts of microfiltration filtrate pipe support. The pipe support bracket was re-fabricated to fit the field conditions. The scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to fabricate MFF piping support per RFIs 286 and 286.1.

Reasons for Changes:

The changes noted above are necessary to resolve design conflicts of microfiltration filtrate pipe support.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 127		$3,765,712.00
3. Sum of contract prior to this change order		$56,337,712.00
4. Amount of this change order		$10,089.00
5. Sum of contract including this change order	$	56,347,801.00

Contract time will be changed by 0 days
Completion date of this change order is 12/31/12

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager (Thi Ng)	Date 11/13/12
Budget	Date	Client	Date 07 Nov 2012
Construction Manager (Thi Ng)	Date 11/13/12	City Engineer (Carl Baldwin)	Date 11-7-12
Contractor	Date 11/13/12	Administrative Services (Scott Duwe)	Date 11/7/12
		Director of Public Works/Purchasing Agent	Date 11/8/12

EXHIBIT B

CITY OF OXNARD • DEPARTMENT OF PUBLIC WORKS
INITIAL NOTICE OF POTENTIAL CLAIM
INPC-100 (REV 9/2008)

FOR CITY USE ONLY	
Received	Date (For City Engineer)

TO: Lou Balderrama (City Engineer)	CONTRACT NUMBER: PW07-21 Contract Date:	DATE: 09/14/12	INDENTIFICATION NUMBER:

This is an Initial Notice of Potential Claim for additional compensation submitted as required under the provisions of Section 6-11, "Notice of Potential Claims," of the Standard Specifications. The cause giving rise to the potential claim occurred on: various dates

The particular nature and circumstances of this potential claim are described as follows: miscellaneous unresolved change orders

CPR 129 - RFI's 630.1, 766, 772
CPR 142 - Addition paving work along Perkins
CPR 137 - RFI 769 Liquid Lime Mixers
CPR 125 - Gear Pump issues
CPR 147 - RFI 763, 763.1, 804
CPR 148 - RFI 821, 809, 799, 773, 743
CPR 81 - Tank Seismic Design Changes
CPR 88 - Pipe Rack Design Changes
CPR 92 - Chemical Pump Pad Changes
CPR 120 - RO Sample Tubing
CPR 133 - Additional Temporary piping costs
CPR 156 - RFI 156
CPR 157 - Rusting Downspouts
CPR 158 - Replacement Trees
CPR 151 - RFI 785.1
CPR 143 - DC-21
CPR 139 - Eyewash Stations
Additional services/Extended General Conditions associate with change order work and project impacts

(Attach sheets as needed)

The undersigned Contractor certifies that the above statements and attached documents are made in full cognizance of the California False Claims Act, Government Code sections 12650-12655. The undersigned further understands and agrees that this potential claim to be further considered, unless resolved, must fully conform to the requirements in Section 6-11 of the Standard Specifications and must be restated as a claim in the Contractors written statement of claims in conformance with Section 6-11 of the Standard Specifications.

McCarthy Building Companies
CONTRACTOR

(Authorized Representative)

Page 1 of 3

Attachment No. 2
Page 42 of 44

McCARTHY

Change Proposal Request
CPR # 088 Revision # 1
Date: 10/25/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 190

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 286/ 286.1 - Pipe Rack Design Change

SCOPE:

10/8/2012 - McCarthy reduced value to 50% of previously submitted sum. Please refer to previously submitted backup documentation.

This cost issue tracks the cost associated with RFI 286 and 286.1.

1-RFI 286 was a redesign of the structural steel pipe rack in Building 20 due to design conflicts between the steel and the 8" MFF piping. The size of the beams changed from a W8 to W6 to allow the pipe to not interfere with the rack. The pipe rack had already been build per the original design and had to be taken apart and rebuilt. This cost is for refabrication only.

2-RFI 286.1 increased the thickness of the grout under the base plates as the revised direction that was received in RFI 286 still left a conflict of steel and 8" MFF piping. There is added cost for extra grout.

REFERENCE:

RFI 286, RFI 286.1

Pricing Details

Company Name	Description	Amount
Bragg Crane & Rigging	Refabrication of Bldg 20 Pipe Rack per RFI 286	9,609.00
McCarthy Building Companies, Inc.	Fee	480.00
	Net Amount of This Proposed Change	10,089.00

Net Change In Calendar Days Due to This Proposed Change

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY: [signature]	BY: _____	BY: _____
Date: 10/25/12	Date: _____	Date: _____

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/25/2012

CI# 190

CPR 88

Total Labor Cost:	$0
Total Material Cost:	$0
Total Equipment Cost:	$0
Sub Total	$0
10% Markup	$0
5% O&P, Insurance and Bonds	$0
McCarthy Mechanical Total	$0

Subcontractor Costs	**Quote**
Bragg	$19,218
Subcontractor Total	$19,218

	Rate	
McCarthy Subcontractor Fee	5.00%	$961
Total CPR		$20,179
50/50 Split		10,089

ATTACHMENT NUMBER 3

McCarthy Building Companies, Inc.
Contract No. A-7259
Change Order
Nos. 129 through 142

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 129 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 129 has been prepared to address costs associated with design changes for the installation of a cross-brace on the east side of the Administration Building per RFI 764. The additional scope of work includes:

- Addition of a cross brace on the East side of the Administration Building to address potential fall hazards. The additional scope of work includes: fabrication, installation, and coating of the cross-brace.

McCarthy's Change Order Proposal Request No. 138, dated September 11, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 23,390.00
- AECOM Independent Cost Estimate: $ 10,486.33
- Final Negotiated Cost: $ 10,844.00

The total amount of Change Order No. 129 is $ 10,844.00. This Change Order No. 129 also includes a time extension for Milestone No. 4 revised to May 31, 2013. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 129

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$10,844.00	100%	066010
609-6553-821-8604	$0.00	0%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 129 has been prepared to address costs associated with design changes for the installation of a cross-brace on the east side of the Administration Building per RFI 764. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install a cross brace on the East side of the Administration Building to address potential fall hazards.

This Change Order No. 129 also includes a time extension for Milestone #4 to May 31, 2013.

Reasons for Changes:

The design changes noted above are necessary to address potential fall hazards.

1. Amount of original contract	**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 128	$3,775,801.00
3. Sum of contract prior to this change order	$56,347,801.00
4. Amount of this change order	$10,844.00
5. Sum of contract including this change order	$ 56,358,645.00

Contract time will be changed by **151** days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	11/13/12 Date
Budget	11-16-12 Date	Client	07 NOV 2012 Date
Construction Manager	11/13/12 Date	City Engineer	11-7-12 Date
Contractor	11/13/12 Date	Administrative Services	11/7/12 Date
		Director of Public Works/Purchasing Agent	11/8/12 Date

McCARTHY

Change Proposal Request

CPR # 138

Date: 11/07/2012

Project Name: Oxnard AWPF

Project No. : 007581.000

Architect's Project No.:

Cost Issue Ref # : 288

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 764 Steel Changes

SCOPE:

This cost issue tracks the cost associated with RFI 764.

RFI 764 adds a cross brace at the East side of the Administration building to address a potential fall hazard. Pricing includes installation of the brace and painting.
This change will require 8 weeks for submittal, approval, procurement and installation from the date of approval.
As part of this change Milestone #3 and all references to Milestone #3 will be changed to November 14, 2012. This date assumes approval by CCRC on September 18, 2012.

This work is not installed, but is required for occupancy. This scope of work cannot be installed prior to the current Final Completion Date of 9/31/12.

There are extended services including General Conditions associated with this CPR that are not included in this pricing. These services are currently being negotiated with the City in a separate package (CPR 155). McCarthy reserves the right to submit and be reimbursed for the additional costs associated with this CPR if CPR 155 is not approved.

REFERENCE:

RFI 764

Pricing Details

Company Name	Description	Amount
Bragg Crane & Rigging	RFI 764	9,704.00
Vertex Coatings Inc	RFI 764	624.00
McCarthy Building Companies, Inc.	Change Order Markup	516.00
	Net Amount of This Proposed Change	10,844.00
	Net Change in Calendar Days Due to This Proposed Change	40

| | Schedule Impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	Accept Do Not Accept	Accept Do Not Accept
BY: Dale R. Hegle	BY:	BY:
Date: 11/7/12	Date:	Date:

Printed On: 11/07/2012 09:22:48 AM

Page: 1 of 1

Attachment No. 3
Page 4 of 61

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd
Oxnard, CA 93033

MCC Job 7581
Date: 9/11/2012
CI# 288

CPR 138

Total Labor Cost:	$0
Total Material Cost:	$0
Total General Cost:	$0
Sub Total	$0
10% Markup	$0
5% O&P, Insurance and Bonds	$0
McCarthy Mechanical Total	$0

Subcontractor Costs	**Quote**
Bragg	$9,704
Vertex	$624
Subcontractor Total	$10,328

	Rate	
McCarthy Subcontractor Fee	5.00%	$516
Total CPR		$10,844

Attachment No. 3
Page 5 of 61

AECOM
1220 Avenida Acaso
Camarillo, CA 93012

(805)388-3775 tel
(805)388-3577 fax

September 13, 2012

Mr. Thien Ng
CITY OF OXNARD
305 West Third Street
Oxnard, CA 93030

Subject: City of Oxnard / GREAT Program (Phase 1)
Advanced Water Purification Facility (AWPF) Project
Change Order No. 109 – CCRC Review

Dear Thien:

Attached is Change Order No. 109 for the Advanced Water Purification Facility (AWPF), which is being transmitted to the City for review and processing through CCRC. Change Order No. 109 provides costs associated with the installation of a cross- brace on the east side of the Administration Building per RFI 764.

In addition Change Order No. 109 provides for a time extension from the period of September 20, 2012 through November 14, 2012 for a total of 40 calendar days.

AECOM recommends that the City process the attached Change Order No. 109 for a total lump sum of $10,844.00

Please do not hesitate to call if you have any questions.

Sincerely,

Robert E. Stein, PE
AWPF Resident Engineer

Attachment: Change Order No. 109

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 130 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 130 has been prepared to address costs associated with design changes per RFIs 763, 763.1, and 804. The additional scope of work includes:

- Installation of three (3) additional bollards along the west side of the Chemical Facility to protect chemical piping per RFI 763.

- Installation of two (2) additional galvanized boxes over exposed chemical piping at the chemical trench per RFI 763.1.

- Installation of a stainless steel roof drain collector box to allow drainage underneath the stainless steel handrails per RFI 804.

McCarthy's Change Order Proposal Request No. 147, dated October 25, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 24,249.00
- AECOM Independent Cost Estimate: $ 4,461.12
- Final Negotiated Cost: $ 5,170.00

The total amount of Change Order No. 130 is $5,170.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 130

Contractor Name.: McCarthy Building, Inc
Project Title: Advanced Water Purification Facility (AWPF)
Specification No.: PW07-21
Contract No.: A-7259
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$1,206.25	24%	066010
609-6553-821-8604	$3,963.75	76%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 130 has been prepared to address costs associated with design changes per RFIs 763, 763.1, and 804. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install three (3) additional bollards along the west side of the Chemical Facility to protect chemical piping per RFI 763.

- Contractor shall furnish all labor, equipment, and tools to install two (2) additional galvanized boxes over exposed chemical piping at the chemical trench per RFI 763.1.

- Contractor shall furnish all labor, equipment, and tools to install a stainless steel roof drain collector box to allow drainage underneath the stainless steel handrails per RFI 804.

Reasons for Changes:

The design changes noted above are necessary to protect existing chemical piping and proper roof drainage.

1. Amount of original contract		$52,572,000.00
2. Sum of prior change orders (NO. 1 THRU 129		$3,786,645.00
3. Sum of contract prior to this change order		$56,358,645.00
4. Amount of this change order		$5,170.00
5. Sum of contract including this change order	$	56,363,815.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

		Thin Ng	11/13/12
City Manager	Date	Project Manager	Date
	11-18-12		07 Nov 2012
Budget	Date	Client	Date
Thin Ng	11/13/12	Lou Baldoz	11-7-12
Construction Manager	Date	City Engineer	Date
	11/13/12	Matt Dunne	11/7/12
Contractor	Date	Administrative Services	Date
			11/8/12
		Director of Public Works/Purchasing Agent	Date

McCARTHY

Change Proposal Request

CPR # 147
Date: 11/07/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 307

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI's 763, 763.1, 804 Sheetmetal Changes

SCOPE:

This cost issue tracks the costs associated with the changes made per RFI's 763, 763.1, 804:

1) RFI 763 adds three steel bollards along the West side of the Chemical Facility to protect chemical piping.

2) RFI 763.1 adds two galvanized boxes over exposed piping at the chmical trench.

3) RFI 804 add a stainless steel roof drain collector box to allow water to drain underneath the stainless steel handrail.

The work associated with RFI 763.1 and 804 is not installed. This scope of work cannot be installed prior to the current Final Completion Date - Milestone #3 of 9/31/12. After approval from the City the material has a four (4) week procurement time and one (1) week for installation. Assuming approval from CCRC on 8/18/12 and release on 8/19/12, Milestone #3 and all references to it will need to be moved to 10/24/12.

There are extended services including General Conditions associated with this CPR that are not included in this pricing. These services are currently being negotiated with the City in a separate package (CPR 155). McCarthy reserves the right to submit and be reimbursed for the additional costs associated with this CPR if CPR 155 is not approved.

REFERENCE:

RFI's 763, 763.1, 804

Pricing Details

Company Name	Description	Amount
EMS Construction Inc	RFI 763.1	2,578.00
EMS Construction Inc	RFI 804	897.00
McCarthy Building Companies, Inc.	RFI 763	757.00
McCarthy Building Companies, Inc.	Change Order Markup	378.00
McCarthy Building Companies, Inc.	Material	560.00
	Net Amount of This Proposed Change	5,170.00
	Net Change in Calendar Days Due to This Proposed Change	25

| | Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.

Change Proposal Request

CPR # 147

Date: 11/07/2012

Project Name: Oxnard AWPF

Project No. : 007581.000

Architect's Project No.:

Cost Issue Ref # : 307

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY: Paul R. Heyle	BY:	BY:
Date: 11/7/12	Date:	Date:

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd
Oxnard, CA 93033

MCC Job 7581
Date: 10/25/12 Rev
CI# 307

CPR 147

Total Labor Cost:		$757
Total Material Cost:		$560
Total Equipment Cost:		$0
Sub Total		$1,317
10% Markup		$132
5% O&P, Insurance and Bonds		$72
McCarthy Mechanical Total		$1,521

Subcontractor Costs		Quote
EMS Construction	RFI 763.1	$2,578
EMS Construction	RFI 804	$897

Subcontractor Total		$3,475
	Rate	
McCarthy Subcontractor Fee	5.00%	$174
Total CPR		$5,170

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 131 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 131 has been prepared to address costs associated with design changes to comply with ADA requirements and Building and Safety codes. The additional scope of work includes:

- Change the hardware for doors 27 & 44 to address ADA requirements per RFI 821.
- Change the hardware for door 5 to address ADA requirements per RFI 799.
- Relocate toilet roll dispensers to address ADA requirements per RFI 809.
- Change toilet cover seats that were not compatible with toilets per RFI 773.
- Install a light and outlet inside dumbwaiter shaft to address elevator code requirements per RFI 743.

McCarthy's Change Order Proposal Request No. 148, dated September 13, 2012, is attached for further clarification.

• McCarthy Original Cost Estimate:	$ 10,252.00
• AECOM Independent Cost Estimate:	$ 8,342.10
• Final Negotiated Cost:	$ 8,989.00

The total amount of Change Order No. 131 is $8,989.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 131

Contractor Name.: McCarthy Building, Inc
Project Title: Advanced Water Purification Facility (AWPF)
Specification No.: PW07-21
Contract No.: A-7259
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.	
609-6553-821-8610	$3,125.88	35%	066010	
609-6553-821-8604	$5,863.12	65%	066010	
276-6553-821-8604		0%	066010	

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 131 has been prepared to address costs associated with design changes to comply with ADA requirements and Building and Safety codes. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install hardware for doors 27 & 44 to address ADA requirements per RFI 821.

- Contractor shall furnish all labor, equipment, and tools to install hardware for door 5 to address ADA requirements per RFI 799.

- Contractor shall furnish all labor, equipment, and tools to relocate toilet roll dispensers to address ADA requirements per RFI 809.

- Contractor shall furnish all labor, equipment, and tools to install toilet cover seats that were not compatible with toilets per RFI 773.

- Contractor shall furnish all labor, equipment, and tools to install a light and outlet inside dumbwaiter shaft to address elevator code requirements per RFI 743.

Reasons for Changes:

The design changes noted above are necessary to meet ADA and elevator code requirements.

1. Amount of original contract		$52,572,000.00
2. Sum of prior change orders (NO. 1 THRU 130		$3,791,815.00
3. Sum of contract prior to this change order		$56,363,815.00
4. Amount of this change order		$8,989.00
5. Sum of contract including this change order		$ 56,372,804.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

		Thin Ng	11/13/12
City Manager	Date	Project Manager	Date
J. C.	11-16-12		07 Nov 2012
Budget	Date	Client	Date
Thin Ng	11/13/12	Lou Baldwin	11-7-12
Construction Manager	Date	City Engineer	Date
	11/13/12	Richard Dunne	11/7/12
Contractor	Date	Administrative Services	Date
			11/18/12
		Director of Public Works/Purchasing Agent	Date

McCARTHY

Change Proposal Request

CPR # 148

Date: 11/07/2012

Project Name: Oxnard AWPF

Project No. : 007581.000

Architect's Project No.:

Cost Issue Ref # : 308

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI's 821, 799, 773, 743 ADA, Code & Plumbing Issues

SCOPE:

This cost issue tracks the costs associated with RFI's 821, 799, 773, 743:

1) RFI 821 changes the hardware for doors 27 & 44 to address ADA concerns.
2) RFI 799 changes the hardware for door 5 to address a code issue.
3) RFI 809 changes the location of the toilet roll dispenser to address an ADA/Code issue.
4) RFI 773 changes the specified toilet seat covers that were not compatible with the specified toilets.
5) RFI 743 adds a light and outlet inside the dumbwaiter shaft to address elevator code requirements.

The work associated with RFI 821 and 799 is not installed, but is required for occupancy. This scope of work cannot be installed prior to the current Final Completion Date - Milestone #3 of 9/31/12. After approval from the City the hardware has a four (4) week procurement time and one (1) week for installation, bondo, and paint. Assuming approval from CCRC on 8/18/12 and release on 8/19/12, Milestone #3 and all references to it will need to be moved to 10/24/12.

There are extended services including General Conditions associated with this CPR that are not included in this pricing. These services are currently being negotiated with the City in a separate package (CPR 155). McCarthy reserves the right to submit and be reimbursed for the additional costs associated with this CPR if CPR 155 is not approved.

REFERENCE:

RFI's 821, 799, 773 and 743

Pricing Details

Company Name	Description	Amount
Global Specialties Direct	RFI 809	499.00
HL Moe Co Inc	RFI 773	637.00
J Colavin & Son Inc	RFI 809	861.00
Neal Electric	RFI 743	2,172.00
Star Hardware Inc	RFIs 821 & 799	4,392.00
McCarthy Building Companies, Inc.	Change Order Markup	428.00
	Net Amount of This Proposed Change	8,989.00
	Net Change In Calendar Days Due to This Proposed Change	25

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.

Change Proposal Request
CPR # 148
Date: 11/07/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 308

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	Accept Do Not Accept	___ Accept ___ Do Not Accept
BY: [signature] Date: 11/7/12	BY: _____ Date: _____	BY: _____ Date: _____

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 8/7/2012 rev 9/12/2012

CI# 308

CPR 148

Total Labor Cost:	**$0**
Total Material Cost:	**$0**
Total Equipment Cost:	**$0**
Sub Total	**$0**
10% Markup	**$0**
5% O&P, Insurance and Bonds	**$0**
McCarthy Mechanical Total	**$0**

Subcontractor Costs		**Quote**
Star Hardware	RFI's 799 & 821	**$4,392**
Global Specialties	RFI 809	**$499**
Colavin Tile	RFI 809	**$861**
Moe Plumbing	RFI 773	**$637**
Neal Electric	RFI 743	**$2,172**

Subcontractor Total		**$8,561**
	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$428**
Total CPR		**$8,989**

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 132 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 132 has been prepared to address costs associated with design changes for the installation of closure plates on handrails, window gaps, and stair gaps per RFIs 818 and 830. The changes above are necessary to meet ADA requirements. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install closure plates on handrails, window gaps, and stair gaps per RFIs 818 and 830.

McCarthy's Change Order Proposal Request No. 146, dated September 26, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 78,958.00
- AECOM / City Cost Estimate: $ 71,294.53
- Final Negotiated Cost: $ 78,958.00

The total amount of Change Order No. 132 is $ 78,958.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 132

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$78,958.00	100%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 132 has been prepared to address costs associated with design changes for installation of closure plates on handrails, window gaps, and stair gaps per RFIs 818 and 830. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install closure plates on handrails, window gaps, and stair gaps per RFIs 818 and 830.
- This Change Order does not include costs for item #4 on RFI 830 or RFI 830.1.

Reasons for Changes:

The design changes noted above are necessary to provide meet Americans with Disability ACT (ADA) requirements.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 131)		$3,800,804.00
3. Sum of contract prior to this change order		$56,372,804.00
4. Amount of this change order		$78,958.00
5. Sum of contract including this change order		$ 56,451,762.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	Date 11/13/12
Budget	Date 11-10-12	Client	Date 13 Nov 2012
Construction Manager	Date 11/13/12	City Engineer	Date 11-13-12
Contractor	Date 11/13/12	Administrative Services	Date 11/13/12
		Director of Public Works/Purchasing Agent	Date 11/13/12

McCARTHY

Change Proposal Request

CPR # 146
Date: 10/30/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 306

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI's 818, 830 (Partial) 4" & 6" Code Issue Gaps

SCOPE:

This issue tracks costs associated with RFI 818 and parts of RFI 830. RFI 830 had 4 major components. 3 of the 4 are priced here while the 4th was resubmitted as an RFI because clear design direction was not provided on the RFI answer.

Priced items are:
RFI 818 - Plates @ Handrail Ends
RFI 830 Item 1 - Angle at Window Gap
RFI 830 Item 2 - SS Cable at Stair Gaps
RFI 830 Item 3 - Infills at Handrail Corner Gaps

REFERENCE:

Pricing Details

Company Name	Description	Amount
Bragg Crane & Rigging	RFI's 818, 830 (partial)	50,608.00
McCarthy Building Companies, Inc.	Additional Services	22,354.00
McCarthy Building Companies, Inc.	Change Order Markup	5,996.00
	Net Amount of This Proposed Change	78,958.00
	Net Change in Calendar Days Due to This Proposed Change	67

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY:	BY:	BY:
Date: 10/30/12	Date:	Date:

Printed On: 10/30/2012 05:54:58 PM

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 9/26/2012

CI# 306

CPR 146

Total Labor Cost:	**$0**
Total Material Cost:	**$0**
Total Equipment Cost:	**$0**
Total General Cost:	**$22,355**
Sub Total	**$22,354**
10% Markup	**$2,235**
5% O&P, Insurance and Bonds	**$1,229**
McCarthy Total	**$25,819**

Subcontractor Costs	**Quote**
Bragg (RFI 818) Plates at Handrail	**$8,238**
Bragg (RFI 830 Item 1) Angle at Window Gap	**$5,465**
Bragg (RFI 830 Item 2) SS Cable at Stair Gaps	**$10,225**
Bragg (RFI 830 Item 3) Infills at Handrail Corner Gaps	**$26,680**

Subcontractor Total		**$50,608**
	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$2,531**
Total CPR		**$78,958**

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 133 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 133 has been prepared to address costs associated with design changes per RFI 813. The additional scope of work includes:

- Relocate sample pump located in the Microfiltration Mixer Vault per RFI 813.

McCarthy's Change Order Proposal Request No. 152, dated October 30, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 4,170.00
- AECOM / City Cost Estimate: $ 5,701.60
- Final Negotiated Cost: $ 4,170.00

The total amount of Change Order No. 133 is $ 4.170.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 133

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$4,170.00	100%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 133 has been prepared to address costs associated with design changes per RFI 813. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to relocate sample pump located in the Microfiltration Mixer Vault per RFI 813.

Reasons for Changes:

The design changes noted above are necessary to prevent pump failure.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 132)		$3,879,762.00
3. Sum of contract prior to this change order		$56,451,762.00
4. Amount of this change order		$4,170.00
5. Sum of contract including this change order	$	56,455,932.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	11/13/12 Date
Budget	11-16-12 Date	Client	07 Nov 2012 Date
Construction Manager	11/13/12 Date	City Engineer	11-7-12 Date
Contractor	11/15/12 Date	Administrative Services	11/7/12 Date
		Director of Public Works/Purchasing Agent	11/18/12 Date

McCARTHY

Change Proposal Request

CPR # 152

Date: 11/07/2012

Project Name: Oxnard AWPF

Project No. : 007581.000

Architect's Project No.:

Cost Issue Ref # : 310

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFIs 813

SCOPE:

This issue tracks costs associated with RFIs 813.

RFI 813 priced item:

Supply and install of mounting bracket for sample pump in FWPS.

There are extended services including General Conditions associated with this CPR that are not included in this pricing. These services are in a separate package (CPR 152.1). McCarthy reserves the right to submit and be reimbursed for the additional costs associated with this CPR if CPR 152.1 is not approved.

REFERENCE:

Pricing Details

Company Name	Description	Amount
Bragg Crane & Rigging	FWPS Sample Pump Bracket	3,971.00
McCarthy Building Companies, Inc.	Change Order Markup	199.00
	Net Amount of This Proposed Change	4,170.00
	Net Change in Calendar Days Due to This Proposed Change	63

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	Accept Do Not Accept	Accept Do Not Accept
BY:	BY:	BY:
Date: 11/7/12	Date:	Date:

Printed On: 11/07/2012 12:44:46 PM

Page: 1 of 1

Attachment No. 3
Page 23 of 61

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 9/26/2012

CI# 310

CPR 152

Total Labor Cost:	$0
Total Material Cost:	$0
Total Equipment Cost:	$0
Total General Cost:	$0
Sub Total	$0
10% Markup	$0
5% O&P, Insurance and Bonds	$0
McCarthy Mechanical Total	$0

Subcontractor Costs	**Quote**
Bragg Pump Bracket	$3,971

Subcontractor Total		$3,971
	Rate	
McCarthy Subcontractor Fee	5.00%	$199
Total CPR		$4,170

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 134 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 134 has been prepared to address costs associated with changes per RFI 748.1. The changes are necessary because the liquid lime specified in the contract has been discontinued. The new industry standard for the liquid lime product does not require dilution prior to injection. The City requested the design engineer to modify the liquid lime feed system to maximize the use of both tanks. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, tools required to install the liquid lime feed modifications per RFI 748.1.

McCarthy's Change Order Proposal Request No. 163, dated October 25, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 36,079.00
- AECOM / City Cost Estimate: $ 51,121.28
- Final Negotiated Cost: $ 36,079.00

The total amount of Change Order No. 134 is $ 36,079.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 134

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.	
609-6553-821-8610	$0.00	0%	066010	
609-6553-821-8604	$36,079.00	100%	066010	
276-6553-821-8604	$0.00	0%	066010	

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 134 has been prepared to address costs associated with design changes per RFI 748.1. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, tools required to install the liquid lime feed modifications per RFI 748.1.

Reasons for Changes:

The design changes are necessary because the liquid lime specified in the contract has been discontinued. The new industry standard for the liquid lime product does not require dilution prior to injection. The City requested the design engineer to modify the liquid lime feed system to maximize the use of both tanks.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 133)		$3,883,932.00
3. Sum of contract prior to this change order		$56,455,932.00
4. Amount of this change order		$36,079.00
5. Sum of contract including this change order		$ 56,492,011.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Thin Ng — Project Manager	11/13/12 Date
Budget	11-16-12 Date	Client	07 NOV 2012 Date
Thin Ng — Construction Manager	11/13/12 Date	Cara Baldwin — City Engineer	11-7-12 Date
Contractor	11/13/12 Date	Mark Dunne — Administrative Services	11/7/12 Date
		Director of Public Works/Purchasing Agent	11/8/12 Date

McCARTHY

Change Proposal Request

CPR # 163 Revision # 1
Date: 10/25/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 321

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 748.1 Liquid Lime Transfer Piping Changes

SCOPE:

This issue tracks costs associated with RFI 748.1 Liquid Lime Transfer Piping Changes.

Priced Item:

Modify and provide additional piping and valves as shown. Field routing of pipe will be necessary to avoid existing pipe and support conflicts.

REFERENCE:

Pricing Details

Company Name	Description	Amount
McCarthy Building Companies, Inc.	Changes to Liquid Lime Transfer Piping Labor	5,207.00
McCarthy Building Companies, Inc.	Changes to Liquid Lime Transfer Piping Material & Equip.	11,791.00
McCarthy Building Companies, Inc.	Additional Services	14,239.00
McCarthy Building Companies, Inc.	Change Order Markup	4,842.00
	Net Amount of This Proposed Change	36,079.00
	Net Change in Calendar Days Due to This Proposed Change	89

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY:	BY:	BY:
Date: 10/25/12	Date:	Date:

Printed On: 10/25/2012 06:58:02 PM

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City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/25/2012

CI# 321

CPR 163

Total Labor Cost:	**$5,207**
Total Material Cost:	**$10,037**
Total Equipment Cost:	**$1,754**
Total General Cost:	**$14,239**
Sub Total	**$31,236**
10% Markup	**$3,124**
5% O&P, Insurance and Bonds	**$1,718**
McCarthy Mechanical Total	**$36,078**

Subcontractor Costs	**Quote**
Subcontractor Total	**$0**

	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$0**
Total CPR		**$36,079**

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 135 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 135 has been prepared to address costs associated with design changes for the addition of guard posts along the Finished Water Pump Station to protect the recycled water piping and the irrigation controller. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install guard posts along the Finished Water Pump Station.

McCarthy's Change Order Proposal Request No. 150, dated October 25, 2012, is attached for further clarification.

• McCarthy Original Cost Estimate:	$ 21,420.00
• AECOM / City Cost Estimate:	$ 19,004.58
• Final Negotiated Cost:	$ 21,420.00

The total amount of Change Order No. 135 is $ 21,420.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 135

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$21,420.00	100%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 135 has been prepared to address costs associated design changes for the addition of guard posts along Finished Water Pump Station to protect the recycled water piping and the irrigation controller. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install guard posts along the Finished Water Pump Station.

Reasons for Changes:

The changes noted above are necessary to meet American Disability ACT (ADA) requirements.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 134)		$3,920,011.00
3. Sum of contract prior to this change order		$56,492,011.00
4. Amount of this change order		$21,420.00
5. Sum of contract including this change order		$ 56,513,431.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager (Thim Ng)	Date 11/13/12
Budget	Date 11-16-12	Client	Date 07 NOV 2012
Construction Manager (Thim Ng)	Date 11/13/12	City Engineer (Con Boldon)	Date 11-7-12
Contractor	Date 11/13/12	Administrative Services (Matt Dunn)	Date 11/7/12
		Director of Public Works/Purchasing Agent	Date 11/18/12

McCARTHY

Change Proposal Request

CPR # 150 Revision # 1

Date: 10/25/2012

Project Name: Oxnard AWPF

Project No. : 007581.000

Architect's Project No.:

Cost Issue Ref # : 304

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

Added Guardposts at FWPS

SCOPE:

This cost issue tracks the costs associated with the addition of (9)guardrail posts per RFP recieved July 19, 2012.

REFERENCE:

RFP 7/19/2012

Pricing Details

Company Name	Description	Amount
Wolverine Fence Company Inc	Install Guardposts	9,938.00
McCarthy Building Companies, Inc.	Change Order Markup	1,972.00
McCarthy Building Companies, Inc.	Additional Services	9,072.00
McCarthy Building Companies, Inc.	Restore Gravel Pave @ Guard Posts	438.00
	Net Amount of This Proposed Change	21,420.00
	Net Change in Calendar Days Due to This Proposed Change	63

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY: _____	BY: _____	BY: _____
Date: 10/25/12	Date: _____	Date: _____

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City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/25/2012

CI# 304

CPR 150

Total Labor Cost:	**$438**
Total Material Cost:	**$0**
Total Equipment Cost:	**$0**
Total General Cost:	**$9,072**
Sub Total	**$9,509**
10% Markup	**$951**
5% O&P, Insurance and Bonds	**$523**
McCarthy Mechanical Total	**$10,983**

Subcontractor Costs	**Quote**
Wolverine Fence	**$9,938**

Subcontractor Total		**$9,938**
	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$498**
Total CPR		**$21,420**

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 136 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 136 has been prepared to address costs associated with design changes per RFI 806. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install truncated domes located around the wetlands and walkway areas per RFI 806.

McCarthy's Change Order Proposal Request No. 153, dated October 25, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 22,443.00
- AECOM / City Cost Estimate: $ 25,786.16
- Final Negotiated Cost: $ 22,443.00

The total amount of Change Order No. 136 is $ 22,443.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 136

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$22,443.00	100%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 136 has been prepared to address costs associated with design changes per RFI 806. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install truncated domes located around the wetlands and walkway areas per RFI 806.

Reasons for Changes:

The changes noted above are necessary to meet American Disability ACT (ADA) requirements.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 135)		$3,941,431.00
3. Sum of contract prior to this change order		$56,513,431.00
4. Amount of this change order		$22,443.00
5. Sum of contract including this change order		$ 56,535,874.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	11/13/12 Date
Budget	11-16-12 Date	Client	07 Nov 2012 Date
Construction Manager	11/13/12 Date	City Engineer	11-7-12 Date
Contractor	11/5/12 Date	Administrative Services	11/7/12 Date
		Director of Public Works/Purchasing Agent	11/18/12 Date

Attachment No. 3
Page 34 of 61

McCARTHY

Change Proposal Request

CPR # 153 Revision # 1
Date: 10/25/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 311

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 806 Truncated Dome Changes

SCOPE:

This cost issue tracks the costs associated with the changes made per RFI 806 to modify truncated domes per the revised answer dated 7/18/12.

REFERENCE:

RFI 806

Pricing Details

Company Name	Description	Amount
Toro Enterprises Inc	Remove & Replace Truncated Domes	8,668.00
McCarthy Building Companies, Inc.	Additional Services	11,551.00
McCarthy Building Companies, Inc.	Change Order Markup	2,224.00
	Net Amount of This Proposed Change	22,443.00
	Net Change in Calendar Days Due to This Proposed Change	53

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY:	BY:	BY:
Date: 10/25/12	Date:	Date:

Printed On: 10/25/2012 05:40:25 PM

Page: 1 of 1

Attachment No. 3
Page 35 of 61

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City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/25/2012

CI# 311

CPR 153

Total Labor Cost:	$0
Total Material Cost:	$0
Total Equipment Cost:	$0
Total General Cost:	$11,551
Sub Total	$11,550
10% Markup	$1,155
5% O&P, Insurance and Bonds	$635
McCarthy Mechanical Total	$13,341

Subcontractor Costs	**Quote**
Toro	$8,668

Subcontractor Total		$8,668
	Rate	
McCarthy Subcontractor Fee	5.00%	$434
Total CPR		$22,443

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 137 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 137 has been prepared to address costs associated with design changes per RFI 807. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install 316 stainless steel posts and 316 stainless steel cables around wetlands VF channels per RFI 807.

- Contractor shall furnish all labor, equipment, and tools to modify wetlands VF channel curbs and infill VF channel per RFI 807.

- Contractor shall furnish all labor, equipment, and tools to install 8-inch PVC drain pipe across VF channel per RFI 807.

- Contractor shall furnish all labor, equipment, and tools to weld a stainless steel plate on top of existing stainless steel grating per RFI 807.

McCarthy's Change Order Proposal Request No. 165, dated October 25, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 44,560.00
- AECOM / City Cost Estimate: $ 46,607.29
- Final Negotiated Cost: $ 44,560.00

The total amount of Change Order No. 137 is $ 44,560.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 137

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$44,560.00	100%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 137 has been prepared to address costs associated with design changes per RFI 807. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install 316 stainless steel posts and 316 stainless steel cables around wetlands VF channels per RFI 807.

- Contractor shall furnish all labor, equipment, and tools to modify wetlands VF channel curbs and infill VF channel per RFI 807.

- Contractor shall furnish all labor, equipment, and tools to install 8-inch PVC drain pipe across VF channel per RFI 807.

- Contractor shall furnish all labor, equipment, and tools to weld a stainless steel plate on top of existing stainless steel grating per RFI 807.

Reasons for Changes:

The changes noted above are necessary to meet American Disability ACT (ADA) requirements.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 136)		$3,963,874.00
3. Sum of contract prior to this change order		$56,535,874.00
4. Amount of this change order		$44,560.00
5. Sum of contract including this change order	$	56,580,434.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Thin Ng — Project Manager	11/13/12 — Date
Budget — 11-16-12	Date	Client — 07 Nov 2012	Date
Thin Ng — Construction Manager	11/13/12 — Date	Lee Baldwin — City Engineer	11-7-12 — Date
Contractor — 11/13/12	Date	Matt Dunn — Administrative Services	11/7/12 — Date
		Director of Public Works/Purchasing Agent	11/8/12 — Date

McCARTHY

Change Proposal Request

CPR # 165 Revision # 1
Date: 10/25/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 324

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

VF Channnel Curbs, Posts, & Grating

SCOPE:

This issue covers the costs associated with RFI 807 to modify the design of the VF walkway with the addtional of curbs, posts, and grating.

Pricing is based upon approval and NTP by the dates on the attached CPM schedule impact report.

REFERENCE:

Pricing Details

Company Name	Description	Amount
Toro Enterprises Inc	6" Curbs & Channel Infill	11,097.00
Wolverine Fence Company Inc	SS Bollards	8,399.00
McCarthy Building Companies, Inc.	FRP Replacement Grating Material	1,674.00
McCarthy Building Companies, Inc.	FRP Replacement Grating Labor	892.00
McCarthy Building Companies, Inc.	Change Order Markup	4,208.00
McCarthy Building Companies, Inc.	Additional Services	18,290.00
	Net Amount of This Proposed Change	44,560.00
	Net Change in Calendar Days Due to This Proposed Change	93

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY:	BY:	BY:
Date: 10/25/12	Date:	Date:

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/12/2012

CI# 324

CPR 165

Total Labor Cost:	**$892**
Total Material Cost:	**$1,674**
Total Equipment Cost:	**$0**
Total General Cost:	**$18,290**
Sub Total	**$20,856**
10% Markup	**$2,086**
5% O&P, Insurance and Bonds	**$1,147**
McCarthy Total	**$24,089**

Subcontractor Costs	**Quote**
Wolverine	**$8,399**
Toro	**$11,097**

Subcontractor Total **$19,496**

	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$976**

Total CPR **$44,560**

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 138 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 138 has been prepared to address costs associated with design changes per RFI 824. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install chain and posts to protect the ductwork in the UV Building hallway per RFI 824.

McCarthy's Change Order Proposal Request No. 152.2, dated October 30, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 16,183.00
- AECOM / City Cost Estimate: $ 14,349.00
- Final Negotiated Cost: $ 16,183.00

The total amount of Change Order No. 138 is $ 16,183.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 138

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$16,183.00	100%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 138 has been prepared to address costs associated with design changes per RFI 824. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install chain and posts to protect ductwork in UV Building hallway per RFI 824.

Reasons for Changes:

The design changes noted above are necessary to meet American Disability Act (ADA) requirements.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 137)		$4,008,434.00
3. Sum of contract prior to this change order		$56,580,434.00
4. Amount of this change order		$16,183.00
5. Sum of contract including this change order		$ 56,596,617.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Thin Ng	11/13/12
		Project Manager	Date
Budget	11-16-12		07 NOV 2012
	Date	Client	Date
Thin Ng	11/13/12		11-7-12
Construction Manager	Date	City Engineer	Date
	11/13/12		11/7/12
Contractor	Date	Administrative Services	Date
			11/8/12
		Director of Public Works/Purchasing Agent	Date

McCARTHY

Change Proposal Request

CPR # 152.2
Date: 10/30/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 329

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 824 Duct Protection

SCOPE:

This issue tracks costs associated with RFIs 824.

RFI 824 priced item:

Supply and install posts and chain to protect duct work in building 40 hallway.

REFERENCE:

Pricing Details

Company Name	Description	Amount
Bragg Crane & Rigging		8,328.00
McCarthy Building Companies, Inc.	Additional Services	6,440.00
McCarthy Building Companies, Inc.	Change Order Markup	1,415.00
	Net Amount of This Proposed Change	16,183.00

Net Change in Calendar Days Due to This Proposed Change

☑ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY:	BY:	BY:
Date: 10/30/12	Date:	Date:

Printed On: 10/30/2012 12:44:07 PM

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City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 9/26/2012

CI# 329

CPR 152.2

Total Labor Cost:	$0
Total Material Cost:	$0
Total Equipment Cost:	$0
Total General Cost:	$6,440
Sub Total	$6,440
10% Markup	$644
5% O&P, Insurance and Bonds	$354
McCarthy Mechanical Total	$7,438

Subcontractor Costs	**Quote**
Bragg Posts	$8,328

Subcontractor Total		$8,328
	Rate	
McCarthy Subcontractor Fee	5.00%	$417
Total CPR		$16,183

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 139 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 139 has been prepared to address costs associated with design changes per RFI 808. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install two (2) fire hydrants breakaway spool piping per RFI 808.

- Contractor shall furnish all labor, equipment, and tools to install five (5) fire extinguisher cabinets per RFI 808.

- Contractor shall furnish all labor, equipment, and tools to install one (1) new fire extinguisher per RFI 808.

McCarthy's Change Order Proposal Request No. 152.1, dated October 30, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 17,162.00
- AECOM / City Cost Estimate: $ 19,771.42
- Final Negotiated Cost: $ 17,162.00

The total amount of Change Order No. 139 is $ 17,162.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 139

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$17,162.00	100%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 139 has been prepared to address costs associated with design changes per RFI 808. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install two (2) fire hydrants breakaway spool piping per RFI 808.

- Contractor shall furnish all labor, equipment, and tools to install five (5) fire extinguisher cabinets per RFI 808.

- Contractor shall furnish all labor, equipment, and tools to install one (1) new fire extinguisher per RFI 808.

Reasons for Changes:

The changes noted above are necessary to meet City of Oxnard Fire Department requirements.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 138)		$4,024,617.00
3. Sum of contract prior to this change order		$56,596,617.00
4. Amount of this change order		$17,162.00
5. Sum of contract including this change order		$ 56,613,779.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	11/13/12 Date
Budget	11-16-12 Date	Client	07 Nov 2012 Date
Construction Manager	11/13/12 Date	City Engineer	11-7-12 Date
Contractor	11/8/12 Date	Administrative Services	11/7/12 Date
		Director of Public Works/Purchasing Agent	11 18/12 Date

McCARTHY

Change Proposal Request

CPR # 152.1
Date: 10/30/2012

Project Name: Oxnard AWPF
Project No. : 007581.000

Architect's Project No.:
Cost Issue Ref # : 328

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 808 Added Fire Hydrants

SCOPE:

This issue tracks costs associated with RFIs 808.

RFI 808 priced items are:

Supply and Install of (5) fire extinguisher cabinets and (1) new fire extinguisher per Fire Department Field Walk and RFI 808 Answer

Replace 6-inch spool breakaway piping at (2) fire hydrants to comply with fire inspector requirements.

REFERENCE:

Pricing Details

Company Name	Description	Amount
Bragg Crane & Rigging	Stand	1,810.00
McCarthy Building Companies, Inc.	Labor	2,056.00
McCarthy Building Companies, Inc.	Material	4,308.00
McCarthy Building Companies, Inc.	Additional Services	6,440.00
McCarthy Building Companies, Inc.	Change Order Markup	2,139.00
McCarthy Building Companies, Inc.	Equipment	409.00
	Net Amount of This Proposed Change	17,162.00

Net Change in Calendar Days Due to This Proposed Change

☑ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	☐ Accept ☐ Do Not Accept	☐ Accept ☐ Do Not Accept
BY: [signature] Date: 10/30/12	BY: Date:	BY: Date:

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 9/26/2012

CI# 310

CPR 152.1

Total Labor Cost:	**$2,056**
Total Material Cost:	**$4,308**
Total Equipment Cost:	**$409**
Total General Cost:	**$6,440**
Sub Total	**$13,212**
10% Markup	**$1,321**
5% O&P, Insurance and Bonds	**$727**
McCarthy Mechanical Total	**$15,260**

Subcontractor Costs	**Quote**
Bragg Stand	**$1,810**

Subcontractor Total		**$1,810**
	Rate	
McCarthy Subcontractor Fee	**5.00%**	**$91**
Total CPR		**$17,162**

MEMO

CITY OF OXNARD CALIFORNIA

November 6, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 140 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 140 has been prepared to address costs associated with design changes for the installation of breakers and wiring for the wetlands cooling fans. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install breakers and wiring for the wetlands cooling fans per RFI 800.

McCarthy's Change Order Proposal Request No. 166, dated October 25, 2012, is attached for further clarification.

• McCarthy Original Cost Estimate:	$ 24,488.00
• AECOM / City Cost Estimate:	$ 21,927.10
• Final Negotiated Cost:	$ 24,488.00

The total amount of Change Order No. 140 is $ 24,488.00. This additional work has not been completed and is based on a "Lump Sum" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 140

Contractor Name.: **McCarthy Building, Inc**
Project Title: **Advanced Water Purification Facility (AWPF)**
Specification No.: **PW07-21**
Contract No.: **A-7259**
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.	
609-6553-821-8610	$0.00	0%	066010	
609-6553-821-8604	$24,488.00	100%	066010	
276-6553-821-8604	$0.00	0%	066010	

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 140 has been prepared to address costs associated with design changes for the installation of breakers and wiring for the wetlands cooling fans. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install breakers and wiring for the wetlands cooling fans per RFI 800.

Reasons for Changes:

The design changes noted above are necessary to provide cooling to the wetlands blowers which were not shown on plans.

1. Amount of original contract		**$52,572,000.00**
2. Sum of prior change orders (NO. 1 THRU 139)		$4,041,779.00
3. Sum of contract prior to this change order		$56,613,779.00
4. Amount of this change order		$24,488.00
5. Sum of contract including this change order	$	56,638,267.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	11/13/12 Date
Budget	11-16-12 Date	Client	07 NOV 2012 Date
Construction Manager	11/13/12 Date	City Engineer	11-7-12 Date
Contractor	11/7/12 Date	Administrative Services	11/7/12 Date
		Director of Public Works/Purchasing Agent	11/18/12 Date

McCARTHY

Change Proposal Request

CPR # 166
Date: 10/25/2012

Project Name: Oxnard AWPF
Project No. : 007581.000
Architect's Project No.:
Cost Issue Ref # : 325

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

Wetlands Blower Fans

SCOPE:

This issue tracks the costs associated with RFI 800 response to add breakers and wiring for the fans on the wetlands blowers.

As detailed in Neal's price proposal, the existing conduit indicated for use in the RFI answer is insufficient. The proposal addresses this issue by coring the exterior wall of the 40 building and adding new conduit to reach cable tray 40-TR-03PC. The pathway for the new coduit from the control station to the CMU wall will be surface run.

Acceptance of this proposal will require acceptance of the proposed changes to the RFI answer.

REFERENCE:

Pricing Details

Company Name	Description	Amount
Neal Electric	Wetlands Blower Fan Wiring	10,197.00
McCarthy Building Companies, Inc.	Additional Services	11,931.00
McCarthy Building Companies, Inc.	Change Order Markup	2,360.00
	Net Amount of This Proposed Change	24,488.00
	Net Change in Calendar Days Due to This Proposed Change	65

☐ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY:	BY:	BY:
Date: 10/25/12	Date:	Date:

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 10/8/2012

CI# 324

CPR 166

Total Labor Cost:	$0
Total Material Cost:	$0
Total Equipment Cost:	$0
Total General Cost:	$11,931
Sub Total	$11,931
10% Markup	$1,193
5% O&P, Insurance and Bonds	$656
McCarthy Total	$13,780

Subcontractor Costs	**Quote**
Neal Electric	$10,197

Subcontractor Total	$10,197

	Rate	
McCarthy Subcontractor Fee	5.00%	$511

Total CPR	$24,488

MEMO

CITY OF OXNARD CALIFORNIA

November 13, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 141 to McCarthy Construction Services Agreement No. A-7259 Advanced Water Purification Facility (AWPF) Project**

Change Order No. 141 has been prepared to address costs associated with design changes to install fiber optic from the Headworks to the Backboard. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install fiber optics from the Headworks to the Backboard per RFI 826.

McCarthy's Change Order Proposal Request No. 141, dated November 13, 2012, is attached for further clarification.

- McCarthy Original Cost Estimate: $ 10,000.00
- AECOM / City Cost Estimate: $ 10,000.00
- Final Negotiated Cost: $ 10,000.00

The total amount of Change Order No. 141 is not to exceed $ 10,000.00. This additional work has not been completed and is based on a "Time and Materials" cost.

If you have any questions, please contact me at (805) 385-7839.

CITY OF OXNARD CALIFORNIA

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 141

Contractor Name.: McCarthy Building, Inc
Project Title: Advanced Water Purification Facility (AWPF)
Specification No.: PW07-21
Contract No.: A-7259
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610		0%	066010
609-6553-821-8604	$10,000.00	100%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Change Order No. 141 has been prepared to provide for additional costs associated with the Fiber Optic from Headworks to the Backboard. The additional scope of work includes:

- Contractor shall furnish all labor, equipment, and tools to install fiber optic cable from the Headworks to the Backboard and electrical changes per RFI 159.4 on a time and material basis at a total cost not to exceed $10,000.

Reasons for Changes:

The design changes noted above are necessary to provide fiber optics from the Headworks to the Backboard

1. Amount of original contract		$52,572,000.00
2. Sum of prior change orders (NO. 1 THRU 140		$4,066,267.00
3. Sum of contract prior to this change order		$56,638,267.00
4. Amount of this change order		$10,000.00
5. Sum of contract including this change order	$	56,648,267.00

Contract time will be changed by 0 days
Completion date of this change order is 05/31/13

Contractor acknowledges that all cost and schedule impacts (if any) associated with work identified in this change order are included.

City Manager	Date	Project Manager	11/28/12 Date
Budget	Date	Client	28 Nov 2012 Date
Construction Manager 11/28/12	Date	City Engineer	12-3-12 Date
Contractor 11/19/12	Date	Administrative Services	11/28/12 Date
		Director of Public Works/Purchasing Agent	11/28/11 Date

McCARTHY

Change Proposal Request

CPR # 169

Date: 11/14/2012

Project Name: Oxnard AWPF

Project No. : 007581.000

Architect's Project No.:

Cost Issue Ref # : 338

Attached is an itemized quotation for changes in the Contract sum and/or time on subject Project as described herein. This document, when fully executed, as accepted, shall constitute authorization to proceed with the work described herein. Due to schedule impact, this work may be performed prior to approval of the formal Change Order. The Owner agrees that McCarthy Building Companies, Inc. will be reimbursed monthly for the cost of this work as completed, whether or not the Change Order has been fully executed.

DESCRIPTION OF THE PROPOSED CHANGE:

RFI 159.4 Sump Power, RFI 826 & 826.1 Headworks Radio System Fiber Optic

SCOPE:

This CPR tracks the cost associated with RFI 159.4, 826 and 826.1. RFI 159.4 added electrical circuit for the sump control panel. RFI 826 and 826.1 is for the radio tower that was shown on the contract documents to be connected using CAT IV. The system required fiber optic connection and cable to the LAN room at the Headworks. Neal Electric and Prousys to provide investigative services to determine the conduit path and routing of the fiber optic. Prousys to provide final connection required for the fiber optic.

REFERENCE:

Pricing Details

Company Name	Description	Amount
McCarthy Building Companies, Inc.	Fiber Optic Design and Terminations	10,000.00
	Net Amount of This Proposed Change	10,000.00

Net Change in Calendar Days Due to This Proposed Change

☑ Schedule impact to be evaluated at a later date.

McCarthy Building Companies, Inc.	CH2M Hill	City of Oxnard
	___ Accept ___ Do Not Accept	___ Accept ___ Do Not Accept
BY:	BY:	BY:
Date: 11/14/12	Date:	Date:

McCARTHY®

City of Oxnard Great Program - Advanced Water Purification Facility

5700 S Perkins Rd

Oxnard, CA 93033

MCC Job 7581

Date: 11/12/2012

CI# 338

CPR 169

Total Labor Cost:	$0
Total Material Cost:	$0
Total Equipment Cost:	$0
Sub Total	$0
10% Markup	$0
5% O&P, Insurance and Bonds	$0
McCarthy Mechanical Total	$0

Subcontractor Costs	**Quote**
Sump Power, Fiber Investigation and Connections	$9,525

Subcontractor Total		$9,525
	Rate	
McCarthy Subcontractor Fee	**5.00%**	$476
Total CPR		$10,000

MEMO

CITY OF OXNARD CALIFORNIA

November 13, 2012

TO: Bruce Dandy, Accounting Manager

FROM: Lou Balderrama, City Engineer

SUBJECT: **Change Order # 142 to McCarthy Construction Services**
Agreement No. A-7259
Advanced Water Purification Facility (AWPF) Project

Change Order No. 142 has been prepared to memorialize changes to the contract. The changes include the following:

At the completion of Milestone #3:

- McCarthy and all subcontractors shall waive rights to all claims for all work specified in the Contract Documents and Change Order Nos. 1 through 128.

- Retention: After completion of Milestone #3, City will release retention as follows- McCarthy shall submit an unconditional release for each subcontractor with regular invoice. City will pay portion of retention for each subcontractor. City will retain 125% of any outstanding stop notices and outstanding release on contract amount. City will retain 10% of Change Order Nos. 112, 123, 125, and 129 to 141.

- Warranty: City to start warranty period after all the warranty certificates have been submitted and approved.

Milestone #4:

- Milestone #4 with completion date of May 31, 2013 is added and includes work in Change Order Nos. 112, 123, 125, and 129 through 141.

- McCarthy shall provide Builders Risk Policy for Change Order Nos. 112, 123, 125, and 129 through 141 work until Milestone #4 completion.

- Liquidated Damages: $1,000 per calendar day if all work for change order nos. 112, 123, 125, and 129 through 141 are not completed by May 31, 2013 City will retain 10% of Change Order Nos. 112, 123, 125, and 129 through 141.

This Change Order is a result of negotiations with McCarthy and insures there will be no claims.

If you have any questions, please contact me at (805) 385-7839.

OXNARD

[X] CONTR ADMIN
[X] ACCOUNTING
[X] CONTRACTOR
[X] PURCHASING SERVICE
[X] CONTRACT INSPECTION

CHANGE ORDER NO. 142

Contractor Name: McCarthy Building, Inc
Project Title: Advanced Water Purification Facility (AWPF)
Specification No: PW07-21
Contract No: A-7259
P.O. No.:
Fed. Prom. No.:

Account No.	Amount	Split	Project No.
609-6553-821-8610	$0.00	0%	066010
609-6553-821-8604	$0.00	0%	066010
276-6553-821-8604	$0.00	0%	066010

You are hereby directed to make the following changes in this contract:

Description:

Milestone #3:

Date for completion of Milestone #3 is changed from September 21, 2012 to December 31, 2012

McCarthy shall continue to maintain the contractually required Builders Risk Policy until December 1, 2012

Retention: After completion of Milestone #3, City will release retention on the following conditions

- McCarthy shall submit an unconditional waiver and release executed by each subcontractor which performed work on the AWPF project
- City will retain 125% of any outstanding stop notices
- City will retain 10% of the dollar amount of work for Change Order Nos. 112, 123, 125, and 129 through 141

Warranty: City to start warranty period after all the warranty certificates have been submitted and approved

Milestone #4:

Milestone #4 with a completion date of May 31, 2013 is added and includes work in Change Order Nos. 112, 123, 125, and 129 through 141.

McCarthy shall provide Builders Risk Policy for Change Order Nos. 112, 123, 125, and 129 to 141 work until Milestone #4 completion.

Liquidated Damages: $1,000 per calendar day if all work for Change Order Nos. 112, 123, 125, and 129 to 141 are not completed by May 31, 2013

Reasons for Changes:

The design changes noted above are necessary to define project Milestone Numbers 3 and 4

1. Amount of original contract		$52,572,000.00
2. Sum of prior change orders (NO 1 THRU 141)		$4,076,267.00
3. Sum of contract prior to this change order		$56,648,267.00
4. Amount of this change order		$0.00
5. Sum of contract including this change order		$ 56,648,267.00

Completion date for Milestone #3 is 12/31/12
Completion date for Milestone #4 is 05/31/13

This Change Order is a full compromise and settlement and release of all claims of Contractor under or related to the Contract existing or based upon events or occurrences up to the date of the execution of this Change Order, known and unknown (with the exception of claims relating to Change Orders 112, 123, 125 and 129 through 141), including claims for adjustments to contract time and contract payments, and compensation based on or related in any way to work performed to the date of this Change Order, any and all delay, extended or additional field and home office overhead, disruption, acceleration, inefficiencies, lost labor or equipment productivity, differing site conditions, construction interferences, extra work, and extraordinary or consequential damages (hereinafter called "impacts"), including any ripple or cumulative effect of said impacts based on events or occurrences up to the date of execution of this Change Order.

By execution of this Change Order, Contractor agrees that this Change Order constitutes a complete accord and satisfaction with respect to all claims for schedule extension, impacts, or any costs of any nature, character or kind arising out of or incidental to the Contract (with the exception of claims relating to Change Orders 112, 123, 125 and 129 through 141), known or unknown, which exist or are based upon events or occurrences up to the date of this Change Order.

Contractor knowingly waives the provisions of Civil Code section 1542 as to all claims subject of this release. Contractor acknowledges that except as provided in this Change Order, the Contract, including the provisions of section 7-3.1 remain in effect.

The aforementioned compromise and release does not waive claims which may arise based on events or occurrences after the date of this Change Order or in connection with work to be completed pursuant to Change Orders 112, 123, 125, and 129 through 141.

City Manager	Date	Project Manager: Thin Ng	Date: 11/28/12
		Client: 28 Nov 2012	Date
Budget: Thin Ng	Date: 11/28/12	Client	Date
Construction Manager	Date	City Engineer: 12-3-12	Date
Contractor: 11/19/12	Date	Administrative Services: 11/28/12	Date
		Director of Public Works/Purchasing Agent: 11/28/12	Date

20401 S. W. BIRCH STREET, SUITE 300 NEWPORT BEACH, CALIFORNIA 92660 (949) 851-8383 FAX (949) 851-8398 www.mccarthy.com

October 30, 2012

Mr. Dan Rydberg
City of Oxnard
305 West Third Street
Oxnard, CA 93030

Re: City of Oxnard Great Program
Advanced Water Purification Facility (AWPF)
Project Number PW07-21
RE: Project Outstanding Issues / Project Completion

Dear Dan:

Please accept this letter as the formal proposal and response from McCarthy Building Companies, Inc. (McCarthy) to the meeting held on October 24, 2012 between the City of Oxnard (the City) and McCarthy. During this meeting the outstanding issues and their resolution on the project were discussed and are summarized below:

- Disputed and Contentious CPR's
  - McCarthy and the City agreed to process and pay the current disputed CPR's totaling - $282,156 (see attached spreadsheet).
  - McCarthy and the City agreed that the CPR's will be processed individually and will follow the City's processes and approvals; all packages are targeted for approval at the November 27, 2012 City Council meeting. The extended general conditions priced in these packages are only valid if approved prior to December 15, 2012.
  - Per the City's request, McCarthy has reviewed and resubmitted these CPR's per the negotiated cost.
- RFP's and CPR's with associated time impacts
  - McCarthy and the City agreed to process and pay the RFP's and CPR's with time impacts; totaling - $302,987 (see attached list).
  - McCarthy and the City agreed that the CPR's will be processed individually and will follow the City's processes and approvals; all packages are targeted for approval at the November 27, 2012 City Council meeting. The extended general conditions priced in these packages are only valid if approved prior to December 15, 2012.
  - A new Milestone (Milestone #4) will be established for the completion of the change order work shown on the attachment under the heading *RFP's and CPR's with Time Impacts*. The City has proposed to extend Milestone #4 - Contract Completion date, with Change Order 112; this date will be revised to May 31, 2013. The current contract language and damages associated with the 900 calendar day Project Completion duration will be associated with the new Milestone #4.
- The current remaining open CPR's being handled by the jobsite team will be processed following the City's standard procedures.
- The Recycled Water Production Milestone will be modified to: Recycled Water Production Milestone/10 Day Demonstration Period Complete. Milestone #3 will be modified to read, "Milestone #3 - Recycled Water Production Substantially Complete – Once the 10 Day Demonstration Period is complete the project will be declared substantially complete."
  - The substantial completion date for the project is now September 22, 2012.
  - There will be no damages associated with the former Recycled Water Production Milestone.
  - There will be no damages assessed with the completion of work pursuant to Milestone #3.
  - The one (1) year warranty will start on September 22, 2012.
- The City will cover the property and structures on the applicable insurance policy, and will send a letter to McCarthy stating that the project is insured. McCarthy will sunset the current Builders Risk Policy as of October 31, 2012. McCarthy will insure the value of the change order work, after City approval, and prior to the start of work.
- The City is currently holding 5% retention on the project. The retention on the project will be reduced to ½% (.005) of the contract value which will be released upon completion of the change order work. This remaining ½% retention represents 91% of the value of the change order work. The 4 ½% reduction will be released immediately (see attached application for payment).

Prior to any work proceeding, McCarthy will need fully executed agreements in place. Please be advised that there are no additional/extended services costs on any of Subcontractor's work.

One of the primary objectives of this potential agreement for McCarthy is to seek reimbursement in a timely and efficient manner for the Subcontractors who have performed work or who are being asked to perform work. There are Subcontractors placing Stop Work Notices on the project and preparing claims for outstanding issues. In an effort to support the City and the project, McCarthy will agree to a settlement of all outstanding issues up to this point as described above and agree and waive rights to claims for additional funds on past issues on the AWPF Project.

Please feel free to contact me with any questions or concerns.

Sincerely,

McCarthy Building Companies, Inc

Curtis Horner

Digitally signed by Curtis Horner
DN: C=US, E=chorner@mccarthy.com, O=McCarthy Building Companies, OU=McCarthy Building Companies, CN=Curtis Horner
Date: 2012.11.14 13:42:05-08'00'

Curtis Horner
Project Manager

cc: Shawn Ingram
Tracy MacDonald
Lou Balderrama
Thien Ng

City of Oxnard - Negotiated Change Order Agreement
30-Oct-12

Previously Disputed Items

CPR ###	Description of Change		Final Negotiated and Submitted Amount
81	Tank Seismic Design Changes	$	85,000
88	Pipe Rack Design Changes	$	10,089
92	Chemical Pump Pad Changes	$	12,274
120	RO Sample Tubing	$	5,499
157	Rusting Downspouts	$	19,079
137	Liquid Lime Issues	$	27,407
	Effluent Sample Station Pricing	$	20,000
158	Replacement Trees	$	-
70	Doty PV Panel Claim	$	102,762
	Total	$	282,110

RFP's and CPR's with Time Impacts

CPR ###	Description of Change		Final Negotiated and Submitted Amount
138	RFI 764 - Admin cross brace - potential fall hazard	$	10,844
147	RFI 763 - Bollards to west of Chem; RFI 763.1 - Boxes over exposed piping; RFI 804 - Roof drain collector box	$	5,170
148	RFI 799 & 821 - Door hardware changes; RFI 809 - Toilet Roll dispenser changes; RFI 773 - Toilet seat cover changes; RFI 743 - Light and outlet inside dumbwaiter	$	8,989
146	RFI 818 & 830 - Steel infills at handrails and windows	$	78,958
152.1	RFI 813 - Relocate Sample Pumpt in Mixer Vault	$	4,170
152.2	RFI 824 - Install chain and posts to protect ductwork in UV	$	16,183
152.3	RFI 808 - Fire hydrants and extinguisher cabinet	$	17,162
163	RFI 748.1 - Modify Liquid Lime piping	$	36,079
150	Additional bollards at FWPS	$	21,420
153	RFI 806 - Remove and replace truncated domes	$	22,443
165	RFI 807 VF Channel curb, handrail and grating	$	44,560
164	Door hardware changes	not required per City	
166	RFI 800 - Power to wetland blower fans	$	24,488
169	CPR 169 - Fiber Optics at Headworks and RFI for Elec	$	10,000
	Total	$	300,466