



Meeting Date: 02/15/11

ACTION	TYPE OF ITEM
<input type="checkbox"/> Approved Recommendation	<input checked="" type="checkbox"/> Info/Consent
<input type="checkbox"/> Ord. No(s). _____	<input type="checkbox"/> Report
<input type="checkbox"/> Res. No(s). _____	<input type="checkbox"/> Public Hearing (Info/consent)
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____

Prepared By: Lou Balderrama, City Engineer

Agenda Item No. **I-9**

Reviewed By: City Manager [Signature] City Attorney [Signature] Finance [Signature] Public Works

DATE: February 3, 2011

TO: City Council

FROM: Rob Roshanian, Interim Public Works Director
Public Works Department

SUBJECT: Change Order No. 2 to Public Work Contract No. A-7327 with Creamer/Spiniello, Joint Venture

RECOMMENDATION

That City Council approve and authorize the Mayor to execute Change Order No. 2 to Public Works Contract No. A-7327 between the City of Oxnard and Creamer/Spiniello Joint Venture that provides for additional work required for the realignment of the recycled water pipeline under Stroube Drain and increasing the cost by \$281,426.99 from \$12,747,474.56 to \$13,028,901.55.

DISCUSSION

The Recycled Water Backbone System (RWBS) is a planned component of the Groundwater Recovery Enhancement and Treatment (GREAT) Program. The RWBS consists of approximately ten miles of pipeline that will transport recycled water produced by the Advanced Water Purification Facility (AWPF), located on Perkins Road, to recycled water customers throughout the City. The pipeline is being constructed from the AWPF on Perkins Road to Ventura Road, heading north to the RiverPark Project area. Construction involves pipe-bursting, open trench and tunneling methodologies.

On March 9, 2010 the City Council approved Project Specification No. 07-05 for the Recycled Water Backbone System Phase I Project, and authorized staff to solicit bids for the project. The project consists of the construction of the RWBS pipelines in Ventura Road south of Gonzales Road, and in Ventura Road north of U.S. 101. Creamer and Spiniello Joint Venture submitted the lowest responsible bid and the City subsequently awarded the project to Creamer and Spiniello Joint Venture. Construction started in August 2010.

This Change Order No. 2 provides for cost adjustments related to auger bore under the County of Ventura Watershed Protection District's Stroube Drain to avoid a conflict with the Recycled Water Backbone pipeline. The designer did not initially provide the detail of the drain and pipeline crossing. When the designer was informed of the missing detail they provided the profile design for the crossing. The drainage facility was deeper than anticipated and required placing the pipeline considerably lower to avoid the drain. In addition, the County required a longer steel casing based on the field conditions encountered which were different from the approved permit.

The change order does not impair the City's ability to seek redress from the designer to the extent the designer's omissions resulted in extra cost for the City.

The additional work required for the realignment of the recycled water pipeline under the Stroube Drain located along Stroube Road in the El Rio area between Vineyard Avenue and North Rose Avenue includes the following:

- Excavation, shoring, dewatering and backfill of jacking and receiving pits.
- Auger bore approximately 115 linear feet of 29 inch diameter, 1/2 inch thick steel casing, including redwood skids, rubber end seals, and grout.
- Installation of approximately 80 linear feet of polyvinyl chloride PVC pipe including fittings, thrust blocks, restraints, and appurtenances, as shown on revised alignment drawings.

The total cost of all labor and materials associated with resolving unforeseen conditions for the realignment of the recycled water pipeline is \$281,426.99.

FINANCIAL IMPACT

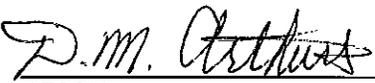
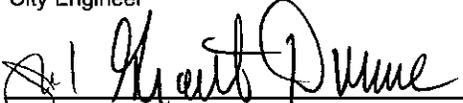
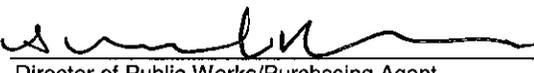
Change Order No. 2, in the amount of \$281,426.99, increases the construction cost from \$12,747,474.56 to \$13,028,901.55 to the Recycled Water Backbone System Project No. 096002 including \$211,070.24 from Account Number 609-6556-821-8604 and \$70,356.75 from Account Number 276-6556-821-8604. Adequate funds are available in both accounts.

Attachment #1 - Change Order No. 2 to Contract No. A-7327

Change Order No. 2

Contractor Name.: Creamer/Spiniello, JV
Project Title: Recycled Water Backbone System
Specification No.: PW07-05
Contract No.: A-7327

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

_____	_____		2-7-11
Dr. Thomas E. Holden, Mayor	Date	Project Manager	Date
_____	_____		01 Feb 2011
Daniel Martinez, City Clerk	Date	Client	Date
_____	_____		2-2-11
		City Engineer	Date
	1/31/11		2/2/11
AECOM	Date	Administrative Services	Date
	1/31/11		2/7/11
Contractor	Date	Director of Public Works/Purchasing Agent	Date



CREAMER - SPINIELLO • A JOINT VENTURE

101 East Broadway
 Hackensack, NJ 07601-6846
 Phone: 201-488-9800
 Fax: 201-488-2901

December 14, 2010

Mr. David Arthurs, P.E.
 AECOM Water
 5700 Perkins Road
 Oxnard, CA 93033

RE: GREAT Program Recycled Water Backbone System
 Specification No. PW07-05
 Creamer – Spiniello, A Joint Venture, Job #10-2048
 PCO #11- Auger Bore

Dear Mr. Arthurs:

In accordance with your request to provide pricing for the additional auger bore on Ventura Road, Station 608+00, I offer the following pricing for your review:

Price Breakdown

Labor:

Labor Foreman	80 hours @ \$53.64/hr	\$4,531.20
Labor	288 hours @ 50.31/hr	\$14,489.28
Operating Engineer	144 hours @ \$63.39/hr	\$9,128.16
Teamster	144 hours @ 51.58/hr	<u>\$7,427.52</u>
	Sub total:	\$35,576.16

Equipment:

Cat 330 Excavator	80 hours @ \$132.00/hr	\$10,560.00
Cat 950 Loader	80 hours @ \$ 79.00/hr	\$6,320.00
Tandem Dump Trucks	144 hours @ \$ 51.00/hr	\$7,344.00
Utility Truck	80 hours @ \$ 15.00/hr	\$ 1,200.00
F250 Pick-up Truck	80 hours @ \$ 12.00/hr	\$ 960.00
Zipper	16 hours @ \$ 81.00/hr	<u>\$1,296.00</u>
	Sub total:	\$27,680.00

Material:

1 - 16" MJ x 6" FLG Tee @ \$1,698.90	\$1,698.90
4 - 16" MJ 90 Degree Bends @ \$1,086.61/ea	\$4,346.44
1 - 6" x 4" FLG Reducing 90 Degree Bend @ \$189.23	\$ 189.23
1 - 4" x 12" Long FLG x FLG Spool @ \$120.71	\$ 120.71
1 - 4" x 24" Long FLG x FLG Spool @ \$145.73	\$ 145.73
1 - 4" FLG x PE Spool - 18'-0" Long @ \$465.45	\$ 465.45
1 - 4" FLG x PE Spool - 8'-0" Long @ \$266.44 ea.	\$ 266.44
1 - 4" FLG Gate Valve @ \$416.30 ea.	\$ 416.30

CREAMER-SPINIELLO - A JOINT VENTURE

1 - 4" FLG 90 Degree Bend @ \$114.80 ea.	\$ 114.80
1 - 4" Solid Sleeve w/Meg-A-Lugs @ \$160.95 ea.	\$ 160.95
6 - 4" Flange Gaskets @ \$2.28 ea	\$ 13.68
1 - 6" flange Gasket @ \$3.50 ea	\$ 3.50
1 - 4" Blind flange @ \$42.89 ea	\$ 42.89
1 Set - 6" Stainless Steel Flange Nuts & Bolts @ \$25.01/Set	\$ 25.01
6 Sets - 4" Stainless Steel Flange Nuts & Bolts @ \$15.23/Set	\$ 91.38
1 - 20 LF - Valve Stem Extension @ \$239.25 ea	\$ 239.25
80 LF - 16" DR 18 PVC @ \$19.96/LF	\$1,596.80
1 - Christy G-4 Valve Box w/ cover @ \$57.99 each	\$ 57.99
1- 2" Meter Box Traffic Rated @ \$135.94 each	\$ 135.94
22 LF - 8" DR 18 PVC for Valve Box @ \$7.37/LF	\$ 162.14
60 CY - Zero Sack Slurry @ \$39.70/CY	\$2,382.00
372 CY - 2 Sack Slurry @ \$58.73/CY	\$21,847.56
24 CY - 560-c-3250 Concrete for Thrust Blocks @ \$81.56/CY	\$1,957.44
32 Tons - 6" of Base Asphalt @ \$79.89/Ton	\$2,556.48
4 Loads - Asphalt Dump Fees @ \$150.00/Load	\$ 600.00
36 Loads - Dirt Dump Fees @ \$75.00/Load	<u>\$2,700.00</u>
Sub total:	\$42,337.01

Subcontractor:

California Auger Boring
 115 LF - 24" Steel Casing Pipe 0.500" wall, Auger
 Bore, complete with redwood skids, rubber end seals and
 interior grout.

Lump Sum: \$92,690.00

Labor + Equipment + Material:	\$105,593.17
+ 10% Over Head & Profit:	<u>\$ 10,559.32</u>
Total:	\$116,152.49

Subcontractor:	\$92,690.00
+ 5% Over Head & Profit:	<u>\$ 4,634.50</u>
	<u>\$97,324.50</u>

Grand Total= Labor + Equipment + Material + Subcontractor: \$213,476.99

Please review the above referenced pricing and advise.

Very truly yours,



Andrew J. Vena III
 Project Manager

cc: Nate Perry
 Brandon Pensick

Arthurs, Dave

From: Vena, Andy [AVena@jfcson.com]
Sent: Monday, December 20, 2010 10:51 AM
To: Arthurs, Dave; DeMicco, Frank; Miller, Steve (M&E)
Cc: Pensick, Brandon; Perry, Nathaniel
Subject: Bore north of the 101 freeway.

Our subcontractor is currently installing the 24" casing. In the first piece he has pulled out a 16" rock. He is worried that the 24" casing maybe too small for this bore, if large rocks are encountered. He recommends using a 36" casing. He also said that if he continues to bore and encounters a large rock, he will not be able to pull the 24" casing out. We would have to dig the pits deeper and go under the 24", with the 36".

Please advise as to how we should proceed. The crew is standing by.

Andy Vena

***** J. Fletcher Creamer & Son, Inc. is a nationally recognized multi-disciplinary contractor and ranked in the top 400 with ENR. ***** Safety * Quality * Reliability * Integrity * Productivity. The information in this email and any attachments contains information that is considered by our firm to be confidential and considered legally privileged. This communication also may include content that was not originally generated by our firm. If you are not the intended recipient, please destroy this message, delete any copies held on your systems and notify the sender immediately. Any unauthorized use or dissemination of this communication is strictly prohibited. You should not retain, copy, or use this email for any purpose, nor disclose all or any part of its content to any other person or entity. This e-mail is covered by the Electronic Communications Privacy Act, 18 U.S.C. Sections 2510-2521 and is legally privileged. The typewritten signature included with this e-mail is not an electronic signature within the meaning of Electronic Signatures in Global and National Commerce Act or any other law of similar import, including without limitation, the Uniform Electronic Transactions Act, as the same may be enacted in any State.

Arthurs, Dave

From: Vena, Andy [AVena@jfcson.com]
Sent: Monday, December 20, 2010 11:03 AM
To: Vena, Andy; Arthurs, Dave; DeMicco, Frank; Miller, Steve (M&E)
Cc: Pensick, Brandon; Perry, Nathaniel
Subject: RE: Bore north of the 101 freeway.

Just received an update from California boring. They would use 29" OD steel casing. This would keep us from getting a tunnel permit etc. The price would be \$330/lf or \$37,950.00 more.

From: Vena, Andy
Sent: Monday, December 20, 2010 10:51 AM
To: 'Arthurs, Dave'; 'DeMicco, Frank'; Miller, Steve (M&E)
Cc: Pensick, Brandon; Perry, Nathaniel
Subject: Bore north of the 101 freeway.

Our subcontractor is currently installing the 24" casing. In the first piece he has pulled out a 16" rock. He is worried that the 24" casing maybe too small for this bore, if large rocks are encountered. He recommends using a 36" casing. He also said that if he continues to bore and encounters a large rock, he will not be able to pull the 24" casing out. We would have to dig the pits deeper and go under the 24", with the 36".

Please advise as to how we should proceed. The crew is standing by.

Andy Vena

***** J. Fletcher Creamer & Son, Inc. is a nationally recognized multi-disciplinary contractor and ranked in the top 400 with ENR. ***** Safety * Quality * Reliability * Integrity * Productivity. The information in this email and any attachments contains information that is considered by our firm to be confidential and considered legally privileged. This communication also may include content that was not originally generated by our firm. If you are not the intended recipient, please destroy this message, delete any copies held on your systems and notify the sender immediately. Any unauthorized use or dissemination of this communication is strictly prohibited. You should not retain, copy, or use this email for any purpose, nor disclose all or any part of its content to any other person or entity. This e-mail is covered by the Electronic Communications Privacy Act, 18 U.S.C. Sections 2510-2521 and is legally privileged. The typewritten signature included with this e-mail is not an electronic signature within the meaning of Electronic Signatures in Global and National Commerce Act or any other law of similar import, including without limitation, the Uniform Electronic Transactions Act, as the same may be enacted in any State.

Arthurs, Dave

From: Vena, Andy [AVena@jfcson.com]
Sent: Monday, December 20, 2010 1:07 PM
To: Arthurs, Dave; DeMicco, Frank; Miller, Steve (M&E)
Cc: Pensick, Brandon; Perry, Nathaniel
Subject: Bore- north of 101 freeway

I went over and talked to California Auger Boring. They are telling me that the 24" casing is too small for the rocks that they are removing. They are saying that the end of the pipe will become egg shaped or collapse, if they continue. As I said in a previous email, they want to go up to 29" or 29-1/2" OD casing, and put a 1" or 2" thick casing as the first piece. They say that they will have a much better chance of completing the bore with that size. They also said that they can go into the casing if need be to dislodge a rock. Obviously, if they encounter a rock a lot bigger than the casing, that may be a problem, but I don't see that happening, based on the current rock size, which so ranges up to 14". I don't think we have much choice, right now.

We are going to have to revise our quote to you anyway, based on the amount of restoration needed, but not anticipated. I have directed them to find the larger casing and begin boring again.

Andy

***** J. Fletcher Creamer & Son, Inc. is a nationally recognized multi-disciplinary contractor and ranked in the top 400 with ENR. ***** Safety * Quality * Reliability * Integrity * Productivity. The information in this email and any attachments contains information that is considered by our firm to be confidential and considered legally privileged. This communication also may include content that was not originally generated by our firm. If you are not the intended recipient, please destroy this message, delete any copies held on your systems and notify the sender immediately. Any unauthorized use or dissemination of this communication is strictly prohibited. You should not retain, copy, or use this email for any purpose, nor disclose all or any part of its content to any other person or entity. This e-mail is covered by the Electronic Communications Privacy Act, 18 U.S.C. Sections 2510-2521 and is legally privileged. The typewritten signature included with this e-mail is not an electronic signature within the meaning of Electronic Signatures in Global and National Commerce Act or any other law of similar import, including without limitation, the Uniform Electronic Transactions Act, as the same may be enacted in any State.

