

AN ORDINANCE 2008-08-21-0715

APPROVING CHANGE ORDER NO. 1 IN THE DEDUCTIVE AMOUNT OF \$182,000.00 TO THE \$17,983,430.62 CONSTRUCTION CONTRACT, WITH TEXAS STERLING CONSTRUCTION, INC., AND AUTHORIZING A \$52,020.00 AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT WITH LOCKWOOD, ANDREWS, AND NEWNAM, INC. IN CONNECTION WITH THE ZARZAMORA DRAINAGE #83 A PROJECT, LOCATED IN COUNCIL DISTRICT 4, AS AUTHORIZED IN THE 2007-2012 BOND PROGRAM.

* * * * *

WHEREAS, a contract with **Texas Sterling Construction, Inc.**, in the amount of \$17,983,430.62 was authorized by Ordinance No. 2008-04-03-0247 for the Zarzamora Drainage #83A Project; and

WHEREAS, this Project provides for the construction of street and drainage improvements in two phases:

- Phase I - Provides for street and drainage improvements for Zarzamora Street from Loop 410 to Gillette Blvd. including drainage ditch improvements from Zarzamora at W. Mally to Arnold Park;
- Phase II - Provides for street and drainage improvements for Zarzamora Street from Gillette Blvd. to W. Hutchins, including the drainage ditch improvements at Betty Street and Rodrick Drive; and

WHEREAS, this Ordinance authorizes Change Order No. 1 in the deductive amount of \$182,000.00 to provide an alternate traffic control plan and provide a 3-month time-savings to the construction schedule; and

WHEREAS, a professional services agreement with **Lockwood, Andrews, Newnam, Inc.** in the amount of \$113,800.00 was authorized by Ordinance No. 101234 on August 18, 2005 for engineering services; and

WHEREAS, this Ordinance amends the contract in the amount of \$52,020.00 to provide a plan revision and and document preparation in connection with the traffic control plan; and

WHEREAS, approval of the Ordinance will be a continuation of the City Council policy to complete previously approved 2005 Storm Water Revenue Bond and 2007-2012 General Obligation Bond Program funded projects; **NOW THEREFORE**,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:

SECTION 1. Change Order No. 1 in the deductive amount of \$182,000.00 is hereby approved. The City Manager or her designee is hereby authorized to execute Change Order No. 1 to the contract with **Texas Sterling Construction, Inc.** A copy of Change Order No. 1 is attached hereto and incorporated herein as **Attachment I.**

SECTION 2. The professional services agreement between the City of San Antonio and **Lockwood, Andrews, Newnam, Inc.** is amended in the amount of \$113,800.00 in connection with the Zarzamora Drainage #83A Project. The City Manager or her designee is hereby authorized to execute said standard form amendment.

SECTION 3. The following financial adjustments are hereby approved:

- a) The budget in SAP Fund 45099000, General Obligation Capital Projects, SAP Project Definition 40-00044, Zarzamora Drainage Project #83A PH II, shall be revised by decreasing / increasing as follows:

WBS NO.	WBS NAME	G/L	G/L NAME	CURRENT PLAN VERSION 0 (Optional)	PLAN VERSION 0 REVISION/ Appropriation	REVISED PLAN VERSION 0 (Optional)
40-00044-05-02-01	City Construction	5201140	Construction	\$9,202,280.17	-\$182,000.00	\$9,020,280.17
40-00044-01-02-01-01	City Design	5201170	Engineering Fees	\$198,090.00	\$52,020.00	\$250,110.00
40-00044-05-06	Project Contingency	5201140	Construction Cost	\$954,260.32	\$129,980.00	\$1,084,240.32

- b) The amount of \$52,020.00 is authorized to be paid from Fund 45099000, General Obligation Capital Projects, 44-00044, Zarzamora Drainage Project #83A PH II, and is authorized to be encumbered and made payable **Lockwood, Andrews, and Newnam, Inc.** for design services.

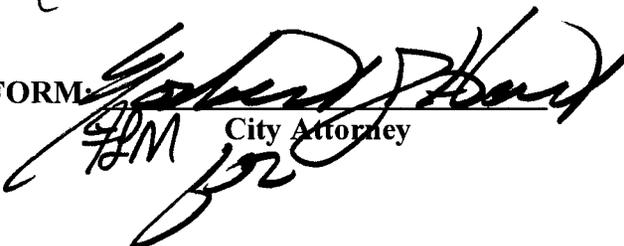
SECTION 4. The financial allocations in this Ordinance are subject to approval by the Director of Finance, City of San Antonio. The Director of Finance may, subject to concurrence by the City Manager or the City Manager's designee, correct allocation to specific SAP Fund Numbers, SAP Project Definitions, SAP WBS Elements, SAP Internal Orders, SAP Fund Centers, SAP Cost Centers, SAP Functional Areas, SAP Funds Reservation Document Numbers, and SAP GL Accounts as necessary to carry out the purpose of this Ordinance.

SECTION 5. This Ordinance shall take effect on the tenth day after passage.

PASSED AND APPROVED this 21st day of August, 2008.


M A Y O R
PHIL HARDBERGER

ATTEST: 
City Clerk

APPROVED AS TO FORM: 
City Attorney

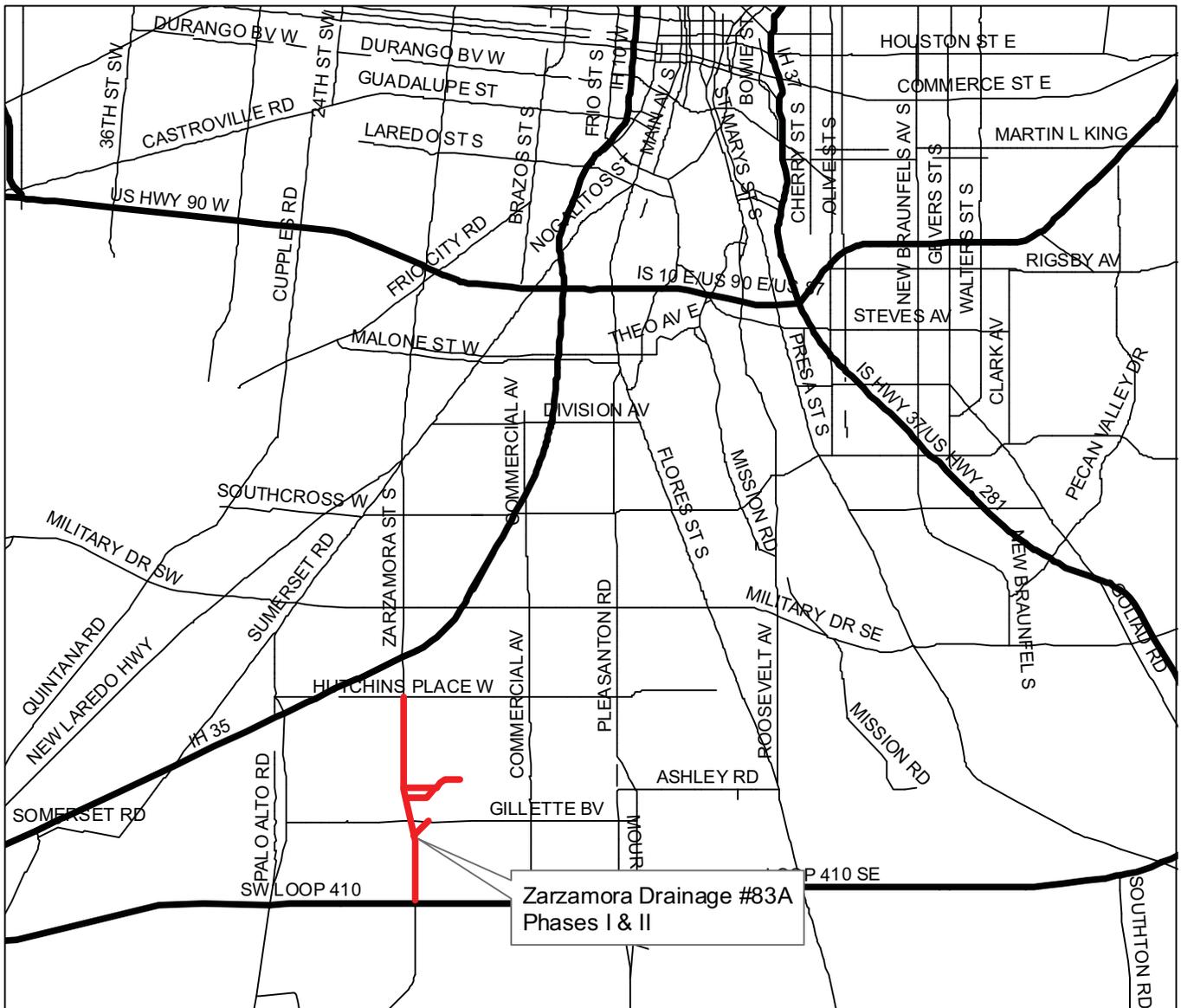
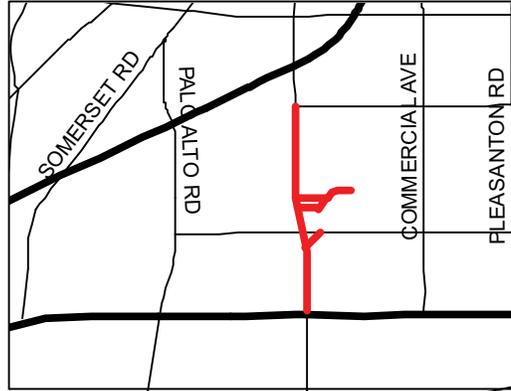


Agenda Voting Results - 10

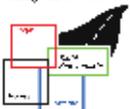
Name:	10
Date:	08/21/2008
Time:	10:53:11 AM
Vote Type:	Motion to Approve
Description:	An Ordinance approving Change Order No. 1 in the deductive amount of \$182,000.00 to the \$17,983,430.62 construction contract, with Texas Sterling Construction, Inc., and authorizing a \$52,020.00 amendment to the professional services agreement with Lockwood, Andrews, and Newnam, Inc. in connection with the Zarzamora Drainage #83 A Project, located in Council District 4, as authorized in the 2007-2012 Bond Program. [Penny Post oak Ferguson, Assistant City Manager; Mike Frisbie, Director, Capital Improvements Management Services]
Result:	Passed

Voter	Group	Not Present	Yea	Nay	Abstain	Motion	Second
Phil Hardberger	Mayor		x				
Mary Alice P. Cisneros	District 1		x				x
Sheila D. McNeil	District 2		x				
Jennifer V. Ramos	District 3	x					
Philip A. Cortez	District 4		x			x	
Lourdes Galvan	District 5		x				
Delicia Herrera	District 6		x				
Justin Rodriguez	District 7		x				
Diane G. Cibrian	District 8		x				
Louis E. Rowe	District 9		x				
John G. Clamp	District 10		x				

Zarzamora Drainage #83A - Phases I & II



Capital Improvements
Management Services



CITY OF SAN ANTONIO
DEPARTMENT OF CAPITAL IMPROVEMENTS MANAGEMENT SERVICES
HORIZONTAL DIVISION



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

July 18, 2008

Mr. Ruben Guerrero, P.E.
City of San Antonio Public Works Department
Capital Improvements Management Services
114 W. Commerce, 5th Floor
San Antonio, Texas 78205

RE: Zarzamora Drainage #83A Value Added Engineering Considerations

Dear Mr. Guerrero,

LAN in conjunction with Texas Sterling Construction, Co. has conducted a constructability review of the Zarzamora from Hutchins to Loop 410 project. Texas Sterling has identified two items which could result in potential time and/or cost savings for the construction of the project. Item 1 recommends an alternate roadway construction and Item 2 recommends an alternative intersection pavement section. After discussions with the City staff it was determined that Item 1 would be implemented. A description of Item 1 follows:

Item 1 – Roadway Construction

Currently the roadway is designed and phased to be constructed in three sections. This method met the City's request to maintain 2 lanes of traffic in each direction at all times. Texas Sterling recommends consideration given to construct the roadway in two halves rather than in thirds. The recommendation would have significant impact to the overall project from a safety, cost, quality and productivity aspect. However, it requires a revised traffic control plan. The traffic control plan would provide one lane in each direction and a center turn lane. An itemized cost comparison with the bid tab is provided on Attachment 1.

Safety

Benefits to the project include potential increased safety since the traveling public would experience minimal changes in the traffic patterns. Traffic would be isolated to one side of the construction area rather than having to be phased between it.

Cost

The method reduces construction cost due to the removal of one lane of temporary pavement. The amount of asphalt and base that has been calculated for removal from the contract is a conservative number due to the difficulty in estimating the temporary pavement width as it varies along the length of the project.

Quality

Constructing the road in halves potentially provides better quality since seams associated with the geogrid can be placed outside vehicle wheel patterns.

Productivity

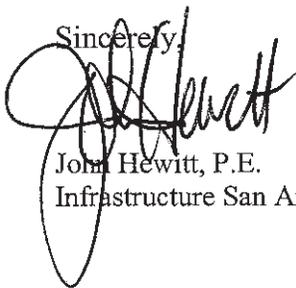
Texas Sterling estimates that the proposed method would reduce construction duration by three months. With the current phasing, construction is expected to take approximately 18 months. The first three months of construction consist of utility relocations with no impact to traffic. Therefore acceptance of this proposal would reduce the traffic impact from 15 months to 12 months. (25% reduction)

As stated previously, the revised traffic control would result in a decreased number of lanes available for traffic; providing one lane in each direction with a center turning lane. The traffic counts LAN received indicate that the heaviest traffic occurs between IH-35 and Gillette. Approximately 50% of the vehicles traveling on this segment turn from Gillette to Zarzamora in the morning and from Zarzamora to Gillette in the evening. It is important to note that there are alternate routes available for access to Gillette such as Spur 422 on the west side and Escalon or Commercial from the east side.

LAN recommends approval of item 1. This recommendation decreases the Texas Sterling bid proposal cost by \$182,000.00 plus the considerable time saved during construction. This recommendation will help to reduce traffic impacts and thus frustration to the community during construction. Texas Sterling's base bid for Zarzamora from Hutchins to Loop 410 was approximately 11% under the Engineer's base bid and approximately 28% lower than the second low contractor bid.

Please feel free to contact me with any questions or comments.

Sincerely,



John Hewitt, P.E.
Infrastructure San Antonio - Manager

ATTACHMENT 1

Zarzamora Drainage #83A - Value Added Engineering

Roadway Construction						
ITEM	DESCRIPTION	UNITS	ADD	DELETE	UNIT PRICE	TOTAL
200.2	Flexible Base (8" compacted depth)	SY		-16,000	\$ 4.00	\$ (64,000.00)
205.2	Hot Mix Asphaltic Pavement, Type C (3-inch compacted depth)	SY		-8,000	\$ 12.00	\$ (96,000.00)
530	Barricades, Signs & Traffic Handling	LS		-12,000	-	\$ (12,000.00)
	Temporary Striping Reduction	LS		-10,000	-	\$ (10,000.00)
TOTALSAVINGS						\$ (182,000.00)



**Lockwood, Andrews
& Newnam, Inc.**

A LEO A DALY COMPANY

March 27, 2008

City of San Antonio
Public Works Department – Capital Improvements Program
8th Floor
P.O. Box 839966
San Antonio, Texas 78283

Attention: Mr. Ruben Guerrero, P.E.
Project Manager

Subject: Zarzamora Drainage #83A – TCP Alternative Additional Service

Dear Mr. Guerrero:

The City of San Antonio has requested that Lockwood, Andrews & Newnam, Inc. modify the Traffic Control Plan for Zarzamora to take advantage of efficiencies identified for the project. The required work will consist of modifying the traffic control sheets to provide for temporary traffic flow consisting of one lane in each direction with a center turn lane. To accomplish this, the storm sewer system will be moved approximately 8.5 feet from center. This will also require adjustments to the water and sewer plans. The plans will be adjusted accordingly with a revised set of drawings complete in approximately 1 month.

The total engineering fee for incorporating these changes to the plans is a lump sum fee of \$49,600.00. Based on information received from Texas Sterling, the savings to the bid from this change is approximately \$132,400.

If you have any questions or require additional information, please call me at 499-5082.

Sincerely,

A handwritten signature in black ink, appearing to be 'Tom Turk', written over the word 'Sincerely,'.

Tom Turk, P.E.
Vice President

attachment

City of San Antonio
 Zarzamora Drainage #83A
 Additional Services for TCP Revision
 March 27, 2008

	Estimated Manhours							Total Hours	Cost
	Proj Mgr	Proj Engr	Sr. Proj Coord.	Des Engr	CADD Tech	Admin			
Traffic Control Sheets	3	24	12	62	77	2	180	\$13,890	
Tasks Include:									
Create new phasing sheets									
Create new TCP typical sections									
Revise TCP narrative									
QA/QC									
Drainage Sheets	4	20	4	82	80	2	192	\$ 17,505	
Tasks Include:									
Update WinStorm Models									
Revise storm drain hor. Geometry									
Revise storm drain ver. Geometry									
Revise storm drain profile									
Update P&P sheets									
Update storm drain lateral sheets									
QA/QC									
Water Sheets	4	8	4	24	30	2	72	\$ 8,615	
Tasks Include:									
Update plan sheets (rev'd storm and text)									
Check all storm crossings									
QA/QC									
Sewer Sheets	4	8	4	36	48	2	102	\$ 9,590	
Tasks Include:									
Revise approx. 600LF of sewer									
Update plan sheets (rev'd storm and text)									
Check all storm crossings									
QA/QC									
Total Cost for Revising TCP								\$ 49,600	

February 26, 2008



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

Ruben Guerrero, P.E.
Project Manager
City of San Antonio Public Works
Capital Program Division
(210) 207-6342

**Re: Zarzamora Drainage Project #83A Phase I
Ord. #101234
LAN Job No. 160-10087-000-912
Additional Services for Easement Realignment in City Park**

Dear Mr. Guerrero:

This letter serves as a request for an additional fee for the referenced project. An existing sanitary sewer main and sewer easement were realigned to accommodate the new drainage structure crossing Hunter Blvd. The existing easement is in the City of San Antonio Park adjacent to Hunter Blvd. LAN will coordinate with the surveyor to obtain the appropriate documents. A survey plat drawing and field noted metes and bounds description will be prepared for two parcels. The following is a list of deliverables,

- Parcel 1: New Sanitary Sewer Easement for the new sewer alignment. From the crossing of the new sewer alignment of the east side of the existing sewer easement to the new sewer alignment crossing the south Right of Way line of Hunter Blvd.
- Parcel 2: Quit Claim Parcel for the portion of the existing sewer easement that will not be required after the sanitary sewer realignment. From the projection of the west line of the new sewer easement across the existing sewer easement to the intersection of the existing sewer easement with the south Right of Way line of Hunter Blvd.
- Plat Drawing (two (2) original signed & sealed copies)
- Field Notes Metes and Bounds Description (two (2) original signed & sealed copies)
- Closure Report for each easement
- CAD electronic file of the Plat and survey notes

Total Additional Services \$2,420.00

LAN respectfully requests \$2,420.00 for these additional services. If you have any questions or require additional information, please call me at 210-499-5082.

Sincerely,

A handwritten signature in black ink, appearing to read 'Shawn Crawford', is written over a faint, larger signature.

Shawn Crawford, P.E.
Project Engineer

**CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
PROFESSIONAL SERVICES CONTRACT AMENDMENT REQUEST**

Form PW-15-AE
Rev. 4/2007
(Submit 2 Originals)
7/7/08 8:15

Date Prepared: 7/3/2008 Amendment Title: AM-06 TCP and Sewer Easement Project No. 40-00044

Project Name: Design - Zarzamora #83A Ph 1 & 2

Project Name as shown on the Work Project Authorization

The professional services amendment described below is to the Professional Service Agreement originally or previously specified is hereby requested, (including all changes in costs. (Describe service to be added or deleted.)

Title : Zarzamora Drainage Project 83A Ph II (Hutchins to Gillette) - Design
Number : 4600007240
AM-06 TCP and Sewer Easement
1. Create new TCP and phasing sheets based on contractor's recommendation
2. Complete and submit required parcels and field notes required for sanitary sewer easement

Justification for Proposed Amendment (Describe in detail why these services are to be added or deleted. Use attachments if necessary.):

This amendment will allow the consultant to provide new TCP and phasing plans for a design change, which will have a time-savings for the project schedule. This amendment will also compensate the consultant for field work needed for the sewer work.

Amendment will result in change to Contract Cost as: Decrease Increase \$52,020.00

REQUESTED BY:		
	<u>7/21/08</u>	
Consultant/Architect	Date	
Title: <u>ASSOCIATE</u>		
Firm: <u>LAN</u>		
RECOMMENDED BY:		
COSA Project Manager	Date	Others:
		(if required; i.e., City Dept., S.A.W.S., etc.)
COSA Capital Programs Manager	Date	
APPROVED BY:		
Asst Director	Date	Director (if over \$25,000) Date

FOR CITY USE ONLY

Ordinance Required: Yes No Amendment Request \$25,000 (+ or -) Additional funds required: \$0.00

Amendment WBS Element: _____ Amendment Contingency WBS Element: _____

Project Contingency Original Balance: \$0.00

Original Agreement Amount: <u>\$1,118,660.00</u>	Previous Approved Amendment Requests: <u>\$0.00</u>	Previous Approved Amendment Requests: <u>\$0.00</u>
Previous Approved Amendment Request: <u>\$0.00</u>	This Amendment Request: <u>\$0.00</u>	This Amendment Request: <u>\$0.00</u>
This Amendment Request: <u>\$0.00</u>	Total Amendment Requests: <u>\$0.00</u>	Total Amendment Requests: <u>\$0.00</u>
Total: <u>\$1,118,660.00</u>	Balance: <u>\$0.00</u>	Balance: <u>\$0.00</u>

Fund #: _____ Ordinance #: _____ Ordinance Date: _____

Purchase Requisition #: _____ Contract #: 4600007240 Purchase Order #: _____

Fiscal Remarks: _____

NOTE: This form is a local government record and shall be retained in accordance with the provisions of the Local Government Code, Section 201. Provide (2) originals with supporting documents.

City of San Antonio

PO Box 839966

Phone: 210-207-6342

San Antonio, TX 78205

TITLE: AM-06 TCP and Sewer Easement

DATE: 7/3/2008

PROJECT: Design - Zarzamora #83A Ph 1 & 2

JOB:

TO: Attn: Hayley N. Galloway
 Lockwood, Andrews & Newnam, Inc.
 10101 Reunion Place
 Suite 200
 San Antonio, TX 78216.0
 Phone: 210-499-5082 Fax: 210-499-5157

CONTRACT NO: 4600007240

RE: To: From: Number:

Title : Zarzamora Drainage Project 83A Ph II (Hutchins to Gillette) - Design

Number : 4600007240

AM-06 TCP and Sewer Easement

1. Create new TCP and phasing sheets based on contractor's recommendation
2. Complete and submit required parcels and field notes required for sanitary sewer easement

Item	Description	Quantity	Units	Unit Price	Net Amount
00001	Create new TCP and phasing sheets based on contractor's recommendation	1.000	EA	\$49,600.00	\$49,600.00
00002	Complete and submit required parcels and field notes required for sanitary sewer easement	1.000	EA	\$2,420.00	\$2,420.00
Total Cost					\$52,020.00

The Original Contract Sum was	\$1,118,660.00
Net Change by Previously Authorized Requests and Amendments	\$0.00
The Contract Sum Prior to This Amendment was	\$1,118,660.00
The Contract Sum Will be Increased	\$0.00
The New Contract Sum Including This Amendment	\$1,118,660.00
The Contract Time Will Not Be Changed	



CITY OF SAN ANTONIO
Request for Council Action

Agenda Item # 10
Council Meeting Date: 8/21/2008
RFCA Tracking No: R-3429

DEPARTMENT: Capital Improvements
Management Services

DEPARTMENT HEAD: Mike Frisbie

COUNCIL DISTRICT(S) IMPACTED:
Council District 4

SUBJECT:
Zarzamora Drainage #83A - Amendment & Change Order No. 1 (Owner Requested)

SUMMARY:

An ordinance approving Change Order No.1, an owner-requested change order, in the deductive amount of \$182,000.00, which also provides a 3-month time savings to the construction schedule, with Texas Sterling Construction Co. and amending an existing professional services agreement and authorizing payment to Lockwood, Andrews, and Newnam, Inc. in the amount of \$52,020.00 in connection with the Zarzamora Drainage #83A project, an authorized 2005 Storm Water Revenue Bond and 2007-2012 Bond Program funded project located in Council District 4. This ordinance will have a \$129,980.00 deductive amount for the overall project.

BACKGROUND INFORMATION:

Project Description

This project provides for the construction of street and drainage improvements in two phases. Phase I of this project provides for street and drainage improvements for Zarzamora Street from Loop 410 to Gillette Blvd. including drainage ditch improvements from Zarzamora at W. Mally to Arnold Park. Phase II provides for street and drainage improvements for Zarzamora Street from Gillette Blvd. to W. Hutchins, including the drainage ditch improvements at Betty Street and Rodrick Drive. Construction on this project began in August 2008 and is estimated to be completed by July 2010.

This change order (Owner Requested) authorizes plan revisions to address traffic and provides a three (3) month time savings to the construction schedule and a savings of \$182,000.00

Owner requested change orders are the result of changes requested by the City, not included in the original project scope of a project. These changes may occur after final design had been completed and/or during the construction phase of a project. Examples of an owner requested change order may include the addition or deletion of items such as sidewalks, driveway approaches, traffic devices, etc.

Previous Council Action

A previously executed contract with Texas Sterling Construction Co. for the Zarzamora Drainage #83A project in the amount of \$17,983,430.62 was approved by City Council on April 3, 2008 through Ordinance 2008-04-03-0247. This ordinance will decrease the total contract amount to \$17,801,430.62.

This professional services agreement was approved by City Council on August 18, 2005 through Ordinance 101234 and authorized \$113,800.00 for professional engineering services. Subsequent ordinances have increased this agreement to \$1,118,660.00. This item increases the agreement to \$1,170,680.00.

This ordinance amends the contract for \$52,020.00 to provide plan revisions and document preparation in connection with the traffic control plan phasing revision as recommended by the contractor and for easements associated with the sanitary sewer construction. This and previous amendments makes for a total agreement of \$1,170,680.00.

ISSUE:

Approval of the ordinance will be a continuation of the City Council policy to complete previously approved 2005 Storm Water Revenue Bond and 2007-2012 General Obligation Bond Program funded projects. This ordinance authorizes Change Order No. 1 in the net deductive amount of \$182,000.00, which will provide an alternate traffic control plan, and will provide a 3-month time-savings to the construction schedule. In addition, this item will amend an existing Professional Service Agreement with Lockwood, Andrews, Newnam, Inc. for plan revisions and document preparation in connection with the Zarzamora Drainage #83A project in Council District 4.

ALTERNATIVES:

Since Change Order No. 1 is a reduction in cost due to value engineering, other alternatives are not viable. The contractor proposed Change Order No. 1, an alternative to the traffic control plan, resulting in this cost-savings to the City and also a 3-month time-savings to the construction schedule, reducing the contract amount from 720 days to 630 days.

The City could advertise through the Request For Qualifications process for the document preparation as opposed to amending the Professional Services Agreement with the current consultant. However, the current consultant has extensive familiarity with the project area and design. Advertisement and re-education of a new consultant would cause delays.

FISCAL IMPACT:

This ordinance will reduce the contract amount with Texas Sterling Construction, Co. from \$17,983,430.62 to \$17,801,430.62. This ordinance increases the professional services agreement by \$52,020.00. However, since the deductive amount is greater than the increase, this ordinance item will not require additional funding.

RECOMMENDATION:

Staff recommends approval of this change order in order to keep the project within budget and on schedule. This construction contract was originally developed utilizing the formal competitive bid process; therefore, the Discretionary Contracts Disclosures Form is not required.

Staff also recommends approval of this item amending a professional services agreement and authorizes payment to Lockwood, Andrews, and Newnam, Inc. in the amount of \$52,020.00 in connection with the Zarzamora Drainage #83A project.

ATTACHMENT(S):

File Description	File Name
LAN Discretionary Form	SA Discretionary Form (LAN).pdf
Consultant Proposal Letter 1	LAN Additional Services Letter (Sewer Esmt) 02-26-2008.pdf
Consultant Proposal Letter 2	LAN Additional Services Letter (TCP) 03-27-2008.pdf
Project Location Map	Council RFCA Project Map 08-07-2008.pdf
Consultant Constructability Review	LAN Constructability Review (REVISED) 07-18-2008.pdf
Amendment #6	Amendment #6 (Signed).pdf
Zarzamora Change Order	Zarzamora Change Order.pdf
Voting Results	
Ordinance/Supplemental Documents	200808210715.pdf

DEPARTMENT HEAD AUTHORIZATIONS:

Debbie Sittre Assistant Director Capital Improvements Management Services

APPROVED FOR COUNCIL CONSIDERATION:

Penny Postoak Ferguson Assistant City Manager