

**CITY OF SAN ANTONIO
INTERDEPARTMENTAL MEMORANDUM
PUBLIC WORKS DEPARTMENT**

CONSENT AGENDA
ITEM NO. 9

TO: Mayor and City Council

FROM: Thomas G. Wendorf, P.E., Director of Public Works

THROUGH: Terry M. Brechtel, City Manager

COPIES: Melissa Byrne Vossmer; Andrew Martin; Peter Zanoni; Milo D. Nitschke; and file

SUBJECT: Nacogdoches Road – IH 410 to Danbury

DATE: April 29, 2004

SUMMARY AND RECOMMENDATIONS

This ordinance amends a professional service contract in the amount of \$63,416 payable to Bain Medina Bain, Inc. for professional engineering services and authorizes \$6,342 for engineering contingency, for a total amount of \$69,758, in connection with the Nacogdoches Road – IH 410 to Danbury project, an authorized 1999-2004 General Obligation Street Improvement Bond and Metropolitan Planning Organization (MPO) funded project located in Council District 10.

Staff recommends approval of this ordinance.

BACKGROUND INFORMATION

This project will provide for the reconstruction of the existing 4-lane roadway to 4-lanes with a concrete median and left-turn lanes, and will include a storm drainage system. The project construction is anticipated to begin in May of 2005 and be completed in May of 2006.

This ordinance will amend the professional services agreement and provide additional compensation to Bain Medina Bain, Inc. for professional engineering services to allow for changes in the project scope to include traffic considerations, drainage system revisions and adjustments in road width to accommodate the adjacent Texas Department of Transportation (TxDOT) project at the U.S. 281 and IH 410 Interchange. Additional services proposed include revisions to the schematics and to the drainage report to include an outfall line along Danbury and its design, additional signal design at Wagonwheel and an increase in fees for the geotechnical study and ADA review. The consultant's proposal is included herein as Attachment 2.

These authorized professional services will provide for the addition of median islands, the realignment of Wagonwheel and Blossom and the addition of a signal at the intersection of Nacogdoches and Blossom/Wagonwheel. The revision in the drainage outfall is necessary as the current Blossom/Wagonwheel storm sewer is not adequately sized to accommodate the full amount of run-off from Nacogdoches Road. The proposed outfall will carry the remaining flow from Nacogdoches to Danbury, east along Danbury to the end of the cul-de-sac, then along a proposed drainage easement to an existing concrete channel. The TxDOT project at U.S. 281 and IH 410 will increase the width of Nacogdoches Road under IH 410; therefore, this scope of this project must be revised adding width to Nacogdoches to match the TxDOT work.

This professional service contract was originally approved by City Ordinance No. 91751 on May 11, 2000 and initially authorized \$154,360 for schematics, drainage study and construction cost tabulation/estimates. This ordinance will increase the total authorized for this professional service contract to \$217,776 and will compensate the consultant for all engineering services through 100% Design Phase.

POLICY ANALYSIS

Approval of this ordinance will be a continuation of City Council policy to participate in the development and construction of City selected and approved 1999-2004 General Obligation Street Improvement Bond projects and MPO projects, which are approved annually by Council.

FISCAL IMPACT

This is a one-time capital improvement expenditure within budget and included in the FY 04-09 Capital Improvement Program Budget. Funds in the amount of \$69,758.00 are available from 1999-2004 General Obligation Street Improvement Bond funds, and are authorized payable as follows:

\$63,416.00	payable to Bain Medina Bain, Inc.
\$ 6,342.00	payable for engineering contingency

COORDINATION

This request for ordinance has been coordinated with the Office of Management and Budget and the Finance Department.

SUPPLEMENTARY COMMENTS

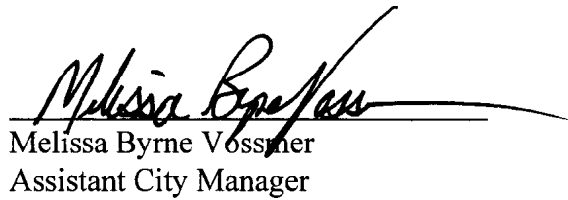
The Discretionary Contracts Disclosure Form required by the Ethics Ordinance is attached.

ATTACHMENTS

1. Project Map
2. Proposal
3. Discretionary Contracts Disclosure Form

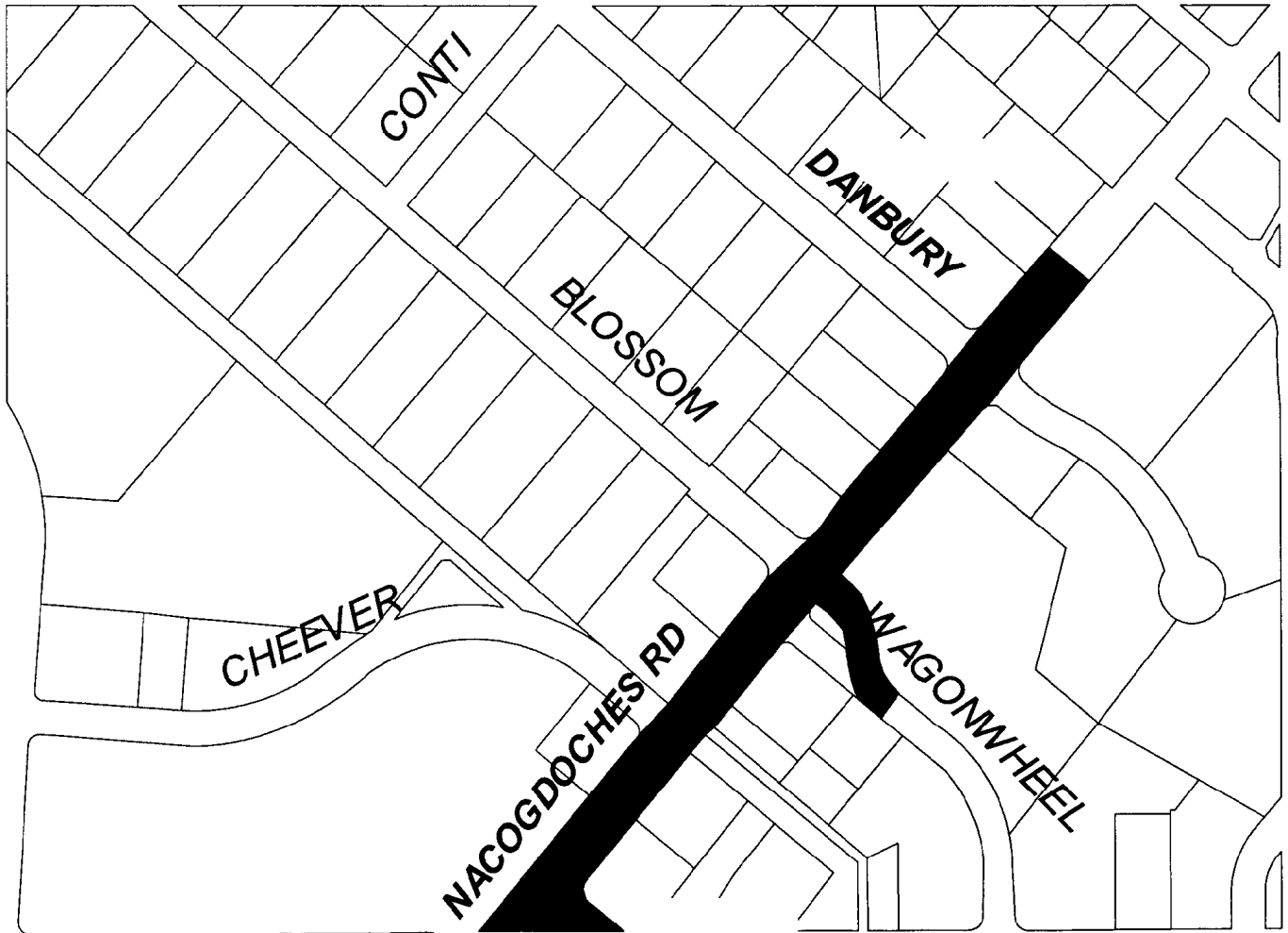
 4/15/08
Thomas G. Wendorf, P.E.
Director of Public Works

Approved:

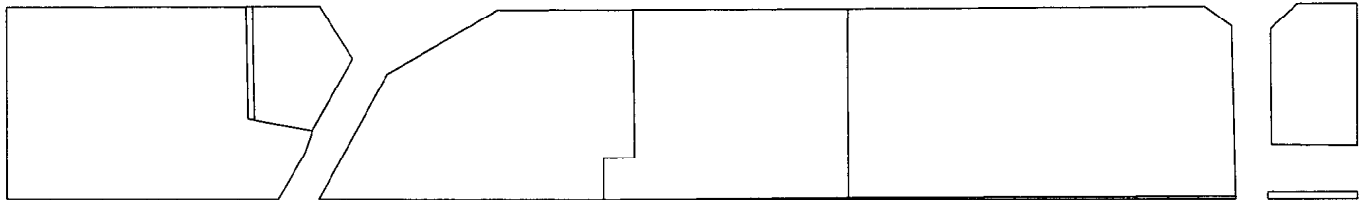

Melissa Byrne Vossner
Assistant City Manager


Terry M. Brechtel
City Manager

NACOGDOCHES: LOOP 410 TO DANBURY



LOOP 410



CITY OF SAN ANTONIO
Department of Public Works
Capital Programs Division

Scale: Not to Scale





BAIN MEDINA BAIN
ENGINEERS & SURVEYORS

7073 SAN PEDRO
SAN ANTONIO, TEXAS 78216
210-494-7223
FAX 210-490-5120
WWW.BMBI.COM

March 19, 2004

RECEIVED

MAR 22 2004

CITY OF SAN ANTONIO
PUBLIC WORKS, CAPITAL PROGRAMS

Anibal Gutierrez, P.E.
Project Manager
Capital Projects
City of San Antonio
P.O. Box 839966
San Antonio, Texas 78283-3966

Ref: Additional Services
Nacogdoches Road - IH-410 to Danbury
BMB Project No. C-0870

Dear Mr. Gutierrez:

Bain Medina Bain, Inc. (BMB) is pleased to submit this proposal to provide additional professional engineering services. The additional services include a number of revisions to the schematic, revising the drainage report to include an outfall line down Danbury, including the design of the outfall down Danbury, adding an additional signal design at Wagon Wheel, and an increase in fee for the geotechnical study and ADA review.

BMB was notified on January 28, 2000 that BMB was selected for this project. BMB was given a notice to proceed on June 6, 2000. BMB submitted a schematic, a drainage study, and a tabulation of expected construction costs in November 2000. BMB submitted a revised schematic based on comments in July 2001. Since the original submittal and revised submittal based on comment, BMB has submitted revised schematics and additional information more than 7 times.

The original estimate for the project by the CSA was \$1,754,880. BMB's original estimate after revisions based on comments was \$1,566,811.36. BMB's latest estimate is \$2,879,292. This estimate did include the drainage outfall but not the additional signal at Wagon Wheel.


BMB's additional fees are:

Schematic Revisions	16,920.00
Revised Drainage Report	5,900.00
Additional Surveying	12,975.00
Outfall Design	15,670.00
Signal Design	10,800.00
Additional Geotechnical	570.40
Additional ADA	80.50
Additional Misc. Expenses	500.00
Total Additional	<u>\$63,415.90</u>

Attached is a breakdown by task, manhours and dollars for each.

If you have any questions or need additional information, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Carl Bain". The signature is fluid and cursive, with a large initial "C" and a stylized "B".

Carl Bain, P.E.
Vice President

3/18/2004

ADDITIONAL SERVICES

BAIN MEDINA BAIN INC. - NACOGDOCHES ROAD - IH 410 TO DANBURY

	PROJECT MANAGER	DESIGN ENGINEER	SURVEYOR (RPLS)	ENGINEER- IN-TRAINING	CADD TECHNICIAN	SURVEY TECHNICIAN	DRAFTING TECHNICIAN	THREE MAN SURVEY CREW	ADMIN. ASST.	TOTAL HOURS
	\$110.00	\$95.00	\$100.00	\$75.00	\$65.00	\$70.00	\$65.00	\$125.00	\$50.00	
RIGHT-OF-WAY AND UTILITIES										
Recover and Add Control			1			2		4		7
Locate R.O.W. and Tie to Baseline Down Danbury			4			8		8		20
UTILITIES MAPPING										
Obtain Additional Existing Records	1	1	1			4			2	9
Coordinate Marking and Field Locate Utilities (Blossum Intersection and Danbury)			2			6		8	2	18
Evaluate Locates and Rectify Against Records		2	1		3	3		6		15
Revise Utility Mapping File			1		3	3				7
Subtotal of Hours	1	3	10	0	6	28	0	26	4	78
Subtotal of Dollars	\$110.00	\$285.00	\$1,000.00	\$0.00	\$390.00	\$1,820.00	\$0.00	\$3,250.00	\$200.00	\$7,055.00
FIELD SURVEY										
<u>Drainage Channel:</u>										
Locate Size/Flowline Elevations of Channel		2	1		2	2		4		11
<u>Street Topography Survey:</u>										
Danbury from Nacogdoches to Drain and as-built Intersection of Blossum										
Signs, Fences, Sidewalks, Driveways, Retaining Walls, Etc.		2	4		8	4		8		26
<u>Tree Survey:</u>										
Show Locations, Species, Truck Diameter and Canopy Size					2	2		2		6
<u>Other Survey</u>										
Cross-sections at 50' Intervals Along Danbury			1		2	2		4		9
Stake Project Centerline at 50' Intervals for Utilities along Danbury			1			2		4		7
<u>Miscellaneous</u>										
Secure Right of Entry for Private Property			1			2			2	5
Subtotal of Hours	0	4	8	0	14	14	0	22	2	64
Subtotal of Dollars	\$0.00	\$380.00	\$800.00	\$0.00	\$910.00	\$980.00	\$0.00	\$2,750.00	\$100.00	\$5,920.00
DRAINAGE STUDY TO ADD DANBURY OUTFALL										
Obtain Additional Revised Drainage Information	2	4		4						10
Determine Existing and Proposed Hydrology	2	4		6	4					16
Preliminary Design of Drainage System Down Danbury	2	4		8	8					22
Prepare Revised Drainage Report	2	4		6	4		4		8	28
Subtotal of Hours	8	16	0	24	16	0	4	0	8	76
Subtotal of Dollars	\$880.00	\$1,520.00	\$0.00	\$1,800.00	\$1,040.00	\$0.00	\$260.00	\$0.00	\$400.00	\$5,900.00
SCHEMATIC REVISIONS										
Revise Proposed Typical Sections	2	4		16	16					38
Revise Proposed Plan View	4	8		24	24					60
Revise Cost Estimate	4	8		8	4				6	30
Submittals	8	8		16	16		16		8	72
Review Meetings	8	8							4	20
Subtotal of Hours	26	36	0	64	60	0	16	0	18	220
Subtotal of Expenses	\$2,860.00	\$3,420.00	\$0.00	\$4,800.00	\$3,900.00	\$0.00	\$1,040.00	\$0.00	\$900.00	\$16,920.00

3/18/2004

ADDITIONAL SERVICES
BAIN MEDINA BAIN INC. - NACOGDOCHES ROAD - IH 410 TO DANBURY

	PROJECT MANAGER	DESIGN ENGINEER	SURVEYOR (RPLS)	ENGINEER- IN-TRAINING	CADD TECHNICIAN	SURVEY TECHNICIAN	DRAFTING TECHNICIAN	THREE MAN SURVEY CREW	ADMIN. ASST.	TOTAL HOURS
	\$110.00	\$95.00	\$100.00	\$75.00	\$65.00	\$70.00	\$65.00	\$125.00	\$50.00	
INTERMEDIATE DESIGN										
Add Additional Information to Intermediate Project Layout	1	1	2	2	2	2				10
Add Additional Information to Intermediate Summary Sheets	1	4		4	8					17
Add Additional Information for Traffic Control Plan	1	4		4	8					17
Add Additional Information to SW3P Plan	1	1		2	2					6
Add Additional Information to Drainage Area Map		1		2	2					5
Add Additional Information to Hydraulic Calculations		2		4	4					10
Add Additional Information to Storm Sewer Plan and Profile	2	4		8	16					30
Preliminary Signal Layout (Blossum Intersection)	4	16		32	40				2	94
Add Additional Information to Intermediate Cost Estimate	2	4		8	4				2	20
Subtotal of Hours	12	37	2	66	86	2	0	0	4	209
Subtotal of Dollars	\$1,320.00	\$3,515.00	\$200.00	\$4,950.00	\$5,590.00	\$140.00	\$0.00	\$0.00	\$200.00	\$15,915.00
FINAL DESIGN										
Add Additional Information to Final Project Layout	1	2		2	2					7
Add Additional Information for Final Traffic Control Plan	1	4		4	8					
Add Additional Information to Final Summary Sheets	2	2		2	2					8
Add Additional Information to SW3P Plan	1	2		2	2					7
Add Additional Information to Drainage Area Map	1	1		2	2					6
Add Additional Information to Hydraulic Calculations	1	1		2	2					6
Add Additional Information to Storm Sewer Plan and Profile	1	2		2	4					9
Final Traffic Signal Layouts (Blossum Intersection)	4	8		16	20				2	50
Add Additional Information to Final Cost Estimate	2	4		4					8	18
Add Additional Detail Sheets for Final TxDOT Standard Detail Sheets	1	1		2	4					8
Subtotal of Hours	15	27	0	38	46	0	0	0	10	136
Subtotal of Dollars	\$1,650.00	\$2,565.00	\$0.00	\$2,850.00	\$2,990.00	\$0.00	\$0.00	\$0.00	\$500.00	\$10,555.00
TOTAL HOURS	62	123	20	192	228	42	20	48	46	781
TOTAL DOLLARS	\$6,820.00	\$11,685.00	\$2,000.00	\$14,400.00	\$14,820.00	\$2,940.00	\$1,300.00	\$6,000.00	\$2,300.00	\$62,265.00

Revised Fugro Proposal		\$3,976.00	
Original Proposal		\$3,580.00	
	1.15 *	\$496.00	\$570.40
Additional ADA Fee			
Revised Fee		\$890.00	
Original Fee		\$820.00	
	1.5 *	\$70.00	\$80.50
Additional Printing, Deliveries, and Misc. Expenses		\$500.00	
	Subtotal		\$1,150.90
	TOTAL ADDITIONAL		\$63,415.90

work\c0870\costproposal

City of San Antonio
Discretionary Contracts Disclosure*

For use of this form, see City of San Antonio Ethics Code, Part D, Section 1& 2

Attach additional sheets if space provided is not sufficient.

State "Not Applicable" for questions that do not apply.

* This form is required to be supplemented in the event there is any change in the information under 91), (2), or (3) below, before the discretionary contract is the subject of council action, and no later than five (5) business days after any change about which information is required to be filed.

Disclosure of Parties, Owners, and Closely Related Persons

For the purpose of assisting the city in the enforcement of provisions contained in the City Charter and the code of ethics, an individual or business entity seeking a discretionary contract from the city is required to disclose in connection with a proposal for a discretionary contract:

(1) the identity of any individual who would be a party to the discretionary contract:

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(2) the identity of any business entity that would be a party to the discretionary contract:

Bain Medina Bain, Inc.

and the name of:

(A) any individual or business entity that would be a subcontractor on the discretionary contract:

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and the name of:

(B) any individual or business entity that is known to be a partner, or a parent or subsidiary business entity, of any individual or business entity who would be a party to the discretionary contract:

Not Applicable

- (3) the identity of any lobbyist or public relations firm employed for purposes relating to the discretionary contract being sought by any individual or business entity who would be a party to the discretionary contract.

Not Applicable


Political Contributions

Any individual or business entity seeking a discretionary contract from the city must disclose in connection with a proposal for a discretionary contract all political contributions totaling one hundred dollars (\$100) or more within the past twenty-four (24) months made directly or indirectly or indirectly to any *current or former member* of City Council, and *candidate* for City Council, or to any *political action committee* that contributes to City Council Elections, by any individual or business entity whose identity must be disclosed under (1), (2), or (3) above. Indirect contributions by an entity include, but are not limited to, contributions made by the individual's spouse, whether statutory or common-law. Indirect contributions by an entity include, but are not limited to, contributions made through the officers, owners, attorneys, or registered lobbyists of the entity.

To Whom Made:	Amount:	Date of Contribution:
David Carpenter	\$140.00	April 2001
CEC/PAC	\$360.00	March 2001
Friends of Ed Garza and Nelson Wolff	\$150.00/each	September and October 2002
Friends of Bonnie Conner, Robert Tejeda, Carroll Schubert, Bobby Perez, Toni Moorehouse, Lyle Larson, David Carpenter, Julian Castro, Paul Elizondo and Enrique Barrera	\$50.00/each	July thru October 2002
Toni Moorehouse, Enrique Barrera and Carroll Schubert	\$70.00/each	May 2003

Disclosure in Proposals

Any individual or business entity seeking a discretionary contract with the city shall disclose any known facts which, reasonably understood, raise a question² as to whether any city official would violate Section 1 of Part B, Improper Economic Benefit, by participating in official action relating to the discretionary contract.

Signature: 	Title: President Company: Bain Medina Bain, Inc.	Date: February 26, 2004