



**CITY OF PLANO
COUNCIL AGENDA ITEM**

CITY SECRETARY'S USE ONLY				
<input type="checkbox"/> Consent <input type="checkbox"/> Regular <input type="checkbox"/> Statutory				
Council Meeting Date:		05/24/10		
Department:		Public Works & Engineering		
Department Head		Alan L. Upchurch		
Agenda Coordinator (include phone #):		Irene Pegues (7198)		Project No. 5996
CAPTION				
<p>To approve and authorize Contract Modification No. 1 for the purchase of Professional Engineering Services for the Drainage Improvements – Briarwood, Liverpool & Stoney Point project in the amount of \$36,400 from Lam Consulting Engineering. This modification will provide for the design of drainage improvements in the 3200 & 3300 blocks of Greenbriar Lane.</p>				
FINANCIAL SUMMARY				
<input type="checkbox"/> NOT APPLICABLE <input type="checkbox"/> OPERATING EXPENSE <input type="checkbox"/> REVENUE <input checked="" type="checkbox"/> CIP				
FISCAL YEAR: 2009-10	Prior Year (CIP Only)	Current Year	Future Years	TOTALS
Budget	0	150,000	0	150,000
Encumbered/Expended Amount	0	-60,000	0	-60,000
This Item	0	-36,400	0	-36,400
BALANCE	0	53,600	0	53,600
FUND(S): MUNICIPAL DRAINAGE CIP				
<p>COMMENTS: Funds are included in the 2009-10 Municipal Drainage CIP. This modification 1, in the amount of \$36,400, will leave a current year balance of \$53,600 for the Briarwood, Liverpool & Stoney Point Drainage Improvement project.</p> <p>STRATEGIC PLAN GOAL: Design services for erosion control relate to the City's Goals of Livable and Sustainable Community.</p>				
SUMMARY OF ITEM				
<p>The original contract provided for a drainage study of needed improvements in the 3200 & 3300 blocks of Greenbriar Lane to alleviate localized flooding of residential houses. These additional services are for the design of the proposed improvements.</p> <p>The original contract amount was \$60,000.00. The Public Works & Engineering Department is seeking City Council approval of this first modification because the amount of the modification increase exceeds \$25,000. The revised contract amount is \$96,400.00.</p>				
List of Supporting Documents:			Other Departments, Boards, Commissions or Agencies	
Contract Modification			N/A	

CONTRACT MODIFICATION

DRAINAGE IMPROVEMENTS – BRIARWOOD, LIVERPOOL & STONEY POINT PROJECT NO. 5996

**PURCHASE ORDER NO. 103774
CIP NO. 71103**

This shall serve as a First Modification to the Contract between the City of Plano, Texas (hereinafter "City"), and Chris Lam, d/b/a Lam Consulting Engineering, a Sole Proprietorship, (hereinafter "Consultant"), dated December 22, 2009, for Professional Engineering Services for the referenced project (hereinafter "Project").

Services:

This Modification amends the scope of services as originally set forth in the contract as follows:

MODIFICATION DESCRIPTION:

Provide engineering design and plan preparation services for the installation of drainage improvements according to Option I from the 3313 Greenbriar Lane Drainage Study, to alleviate the existing flooding conditions along Greenbriar Lane west of Ridgewood Drive.

BASIC DESIGN SERVICES:

A. Design Survey –

1. Establish a horizontal and vertical control network and project control baseline for the Greenbriar Lane project area. The network and baselines are to be tied into the existing City of Plano control network.
2. Establish horizontal and vertical project control monumentation for the project area.
3. Tie right-of-way lines and corners, property lines and corners, easements, buildings, fence lines, trees 4-inches in diameter and larger, edges of pavements and all other visible surface features to the project control baseline as needed within the project area for the design. Existing utility structures shall be located and referenced by utility name (i.e. OnCor Electric, Verizon Telephone, Atmos Gas, Etc.).

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4. Vertical topographic information tying pavement, drives, walls, manholes (top and inverts), storm drain inlets (top and inverts), and other improvements as needed within the project area for the design.
5. Provide driveway cross-sections relative to the project baseline.
6. When underground utilities are exposed, tie to project control baseline.
7. Identify the street address of all adjacent properties to the proposed construction and show on drawings.

B. Preliminary Design –

1. Add the Greenbriar Lane construction plans to the current project construction plan set.
2. Prepare preliminary construction plans. Prepare or modify the following full size sheets (22" x 34") to add the Greenbriar Lane project at the engineering scales indicated:
 - Modify the existing cover sheet.
 - Modify the existing General Notes and Quantity sheet.
 - Paving plan and profile sheet for the Greenbriar Lane - Meadowcreek Drive intersection re-paving. (Scale 1" = 20' Hor. and 1" = 5' Vert.).
 - Drainage area map for the Greenbriar Lane drainage improvements. (Scale 1" = 100')
 - Storm drain plan and profile sheet for the improvements draining the cul-de-sac at the end of Meadowcreek Drive utilizing pipe bursting methods. (Scale 1" = 20' Hor. and 1" = 5' Vert.).
 - Storm drain plan and profile sheets for the improvements draining Greenbriar Lane. (Scale 1" = 20' Hor. and 1" = 5' Vert.).
 - Streambank protection plan and profile sheet for repair of the base of the bag wall at the rear of 3301 Greenbriar Lane. (Scale 1" = 20' Hor. and 1" = 5' Vert.).
 - Stream cross sections and details for the streambank protection plans.
 - Erosion control plans for the site can be shown on the sheets noted above.

Information required can be combined on sheets if the information can be clearly shown and is approved by the City of Plano project manager.

3. Prepare a list of any special technical specifications needed for the project (Gabions, tie-back anchors, pipe bursting, etc. if any).
4. Complete the preliminary plan set in accordance with the original contract requirements. Fee to include additional design time and printing costs for the additional plan sheets.

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C. Final Design –

1. Complete the final design of the project in accordance with original contract requirements. Fee to include additional design time and printing costs for the additional plan sheets.

D. Bid Phase Services –

1. Complete the bid phase services for the project in accordance with original contract requirements. Fee to include some additional time for addendum preparation, bid tabulation and additional printing costs expected for additional plan sheets.

E. Construction Administration –

1. Complete the construction administration services for the project in accordance with original contract requirements. Fee to include some additional time for providing written responses to requests for information or clarifications and prepare as-constructed drawings based on Contractor mark-ups for the additional plan sheets.

SPECIAL SERVICES:

A. Easement Surveying –

1. Prepare a metes and bounds description and an 8-1/2" x 11" exhibit for drainage and utility easements on a per tract basis. Deliver three (3) reviewed and approved originals to the City for each tract. The modified fee is to be based on three additional parcels in accordance with the original contract requirements.

B. Geotechnical Report –

1. Perform geotechnical investigation necessary for the design of the proposed streambank protection at the rear of 3301 Greenbriar Lane and for the design of new storm drain by pipe bursting methods at Meadowcreek Drive. Submit one copy of the geotechnical report to the City with the preliminary design plans.
2. Show geotechnical boring locations on the plan view of the construction drawings and cross-reference to the geotechnical report.

Compensation:

For additional services provided pursuant to this Modification, City shall pay Consultant an amount not to exceed \$36,400.00. Such payment shall be made in accordance with the payment terms specified in the Contract.

In the event of any conflict or inconsistency between the provisions set forth in this Modification and the Contract, this Modification shall govern and control. For and in consideration of the covenants, duties and obligations herein contained, the parties do mutually agree that except as provided above, all other terms and conditions of the Contract shall remain unchanged and in full force and effect.

Original Contract Amount	\$	<u>60,000.00</u>
Contract Amount (Including Previous Modifications)	\$	<u>60,000.00</u>
Amount, Modification No. 1	\$	<u>36,400.00</u>
Revised Contract Amount	\$	<u><u>96,400.00</u></u>
Total Percent Increase Including Previous Modifications		<u>60.67%</u>

CITY OF PLANO

**CHRIS LAM,
 D/B/A LAM CONSULTING
 ENGINEERING
 CONSULTANT**

 OWNER

 By: _____
 (signature)

 CONSULTANT

 By: 
 (signature)

Print Name: Thomas H. Muehlenbeck
 Print Title: City Manager
 Date: _____

Print Name: Chris Lam
 Print Title: *PRINCIPAL*
 Individually and as SOLE PROPRIETOR
 Date: *5/6/10*

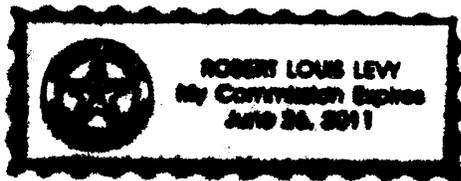
APPROVED AS TO FORM:

By: _____
 Diane C. Wetherbee, City Attorney

ACKNOWLEDGMENTS

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

This instrument was acknowledged before me on the 6 day of
May, 2010, by **CHRIS LAM d/b/a LAM CONSULTING
ENGINEERING**, a sole proprietorship, individually and on behalf of said company.




Notary Public, State of Texas

STATE OF TEXAS §
 §
COUNTY OF COLLIN §

This instrument was acknowledged before me on the _____ day of
_____, 2010, by **THOMAS H. MUEHLENBECK, CITY MANAGER**
of the **CITY OF PLANO, TEXAS**, a Home-Rule Municipal Corporation, on behalf of said
municipal corporation.

Notary Public, State of Texas