

**Lee County Board Of County Commissioners  
Agenda Item Summary**

Blue Sheet No. 20050907

**1. ACTION REQUESTED/PURPOSE:** Approve Change Order No. 14 to Contract #2035, with T.Y. Lin International, for CN-01-19 Summerlin Road Six Laning between San Carlos and Gladiolus, for a not-to-exceed amount of \$435,111.10.

**2. WHAT ACTION ACCOMPLISHES:** Includes steel fabrication services, bridge inspection, load testing, vibration monitoring, material testing of structural components and additional meetings and design to meet FDOT criteria changes.

**3. MANAGEMENT RECOMMENDATION:** Staff recommends approval.

<b>5. Departmental Category:</b> 09 <span style="font-size: 2em; font-weight: bold; margin-left: 20px;">C9F</span>		<b>5. Meeting Date:</b> 10-11-2005
<b>6. Agenda:</b> <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Administrative <input type="checkbox"/> Appeals <input type="checkbox"/> Public <input type="checkbox"/> Walk-On	<b>7. Requirement/Purpose: (specify)</b>	
	Statute _____	
	Ordinance _____	
	<input checked="" type="checkbox"/> Admin. Code AC-4-4	
	Other _____	
		<b>8. Request Initiated:</b> Commissioner _____ Department Transportation Division _____ By: Scott Gilbertson, Director

**Background:** On the Board meeting of February 19, 2002, the Board entered into a contract for CN-01-19 Summerlin Road Six-Laning with T.Y. Lin International, for a contract amount of \$1,899,999.97.

Following is a summary of the existing Change Orders approved to date:

Change Order No. 1 was approved on December 23, 2002 for adding and transferring fees in Traffic Data, Geometric Concepts, Roadways, Bridge and Overpass plans changing funds from Consultant to Sub-Consultant fee in the amount of \$162,798.22.

Change Order No. 2 was approved on January 23, 2003 in the amount of \$200,093.80 for Six Laning Gladiolus Drive from Winkler Road Sta. 256-75.8 to Sta. 275+00 just east of Summerlin Road.

Change Order No. 3 was approved June 24, 2003 in the amount of \$332,248.14 for street lighting and sidewalk design.

Change Order No. 4 was approved August 5, 2003 in the amount of \$879,755.93 for a four lane overpass over San Carlos Blvd. With frontage roads.

Change Order No. 5 in the amount of \$49,986.33 for LCU Conflict Adjustments.

- CONTINUED ON PAGE TWO -

**10. Review for Scheduling:**

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services			County Manager/P.W. Director
					Analyst	Risk	Grants	Mgt.
<i>[Signature]</i>	<i>[Signature]</i>	N/A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

**11. Commission Action:**

- Approved
- Deferred
- Denied
- Other

RECEIVED BY COUNTY ADMIN: <i>[Signature]</i>
9/26/05
4:15
COUNTY ADMIN FORWARDED TO: <i>[Signature]</i>
9/29/05
3:20

RECEIVED 10/26/05 by CO. ATTY.
1:00pm
CO. ATTY. FORWARDED TO: <i>[Signature]</i>
9-26-05

**Change Order No. 6 in the amount of \$20,490.93 for LCU Gladiolus & Winkler Relocates.**  
**Change Order No. 7 in the amount of \$736,882.07 for Post Design Services.**  
**Change Order No. 8 in the amount of \$24,972.80 for Elderberry Lane Extension.**  
**Change Order No. 9 in the amount of \$30,548.54 for LCU Adjustments.**  
**Change Order No. 10 in the amount of \$405,393.84 for LCU Adjustments.**  
**Change Order No. 11 in the amount of \$32,300.00 for Gladiolus/Winkler.**  
**Change Order No. 12 in the amount of \$3,813.13 for LCU Adjustments.**  
**Change Order No. 13 in the amount of \$20,000.00 for Steel Fabrication Inspection**

**Approval is required for Change Order No. 14 under CN-01-19 Summerlin Road Six-Laning, Lee County Contract No. 2035 for a change order to include steel fabrication services, load testing, vibration monitoring, material testing of structural components and additional meetings and design to meet FDOT criteria changes in the not-to-exceed amount of \$435,111.10.**

**The design fee negotiated for these services is competitive with other similar projects we have negotiated recently and in line with industry standards.**

**Funds will be available in account string: 20406730700.506510**

LEE COUNTY PROFESSIONAL SERVICE/SERVICE PROVIDER AGREEMENT  
CHANGE ORDER/SUPPLEMENTAL TASK AUTHORIZATION

Change Order  
 Supplemental Task Authorization

NO.: 14

(A Change Order or Supplemental Task Authorization Requires Approval by the Department Director for Expenditures Under \$25,000 or Approval by the County Manager for Expenditures Between \$25,000 and \$50,000 or Approval by the Board of County Commissioners for Expenditures over \$50,000)

CONTRACT/PROJECT NAME: SUMMERLIN ROAD SIX-LANING FROM San Carlos Boulevard to Gladiolus

CONSULTANT: T.Y. Lin International

PROJECT NO.: 4067

SOLICIT NO.: CN-1-19

CONTRACT NO.: 2035 ACCOUNT NO.: \_\_\_\_\_

REQUESTED BY: Mike Rigsby

DATE OF REQUEST: March 2005

Upon the completion and execution of this Change Order or Supplemental Task Authorization by both parties the Consultant/Provider is authorized to and shall proceed with the following:

EXHIBIT "CO/STA-A: SCOPE OF PROFESSIONAL SERVICE: DATED: May 5, 2005

EXHIBIT "CO/STA-B: COMPENSATION & METHOD OF PAYMENT: DATED: May 5, 2005

EXHIBIT "CO/STA-C: TIME AND SCHEDULE OF PERFORMANCE: DATED: May 5, 2005

EXHIBIT "CO/STA-D: CONSULTANT'S/PROVIDERS ASSOCIATED  
SUB-CONSULTANT(S)/SUB-CONTRACTORS: DATED: May 5, 2005

EXHIBIT "CO/STA-E: PROJECT GUIDELINES AND CRITERIA: DATED: May 5, 2005

It is understood and agreed that the acceptance of this modification by the CONSULTANT/PROVIDER constitutes an accord and satisfaction.

RECOMMENDED:

By: [Signature] 6-23-05  
Department Director Date

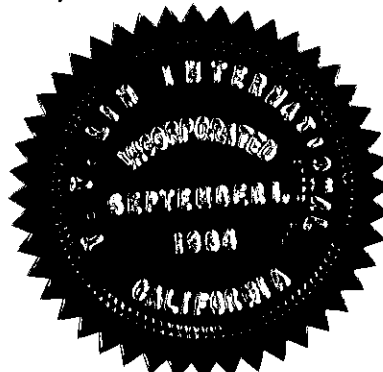
By: [Signature] 6/15/05  
Contracts Mgmt Date

ACCEPTED:

By: [Signature]  
Consultant/Provider

Date Accepted: 6-8-05

Corporate Seal



COUNTY APPROVAL:

By: \_\_\_\_\_  
Department Director  
(Under \$25,000)  
Date Approved: \_\_\_\_\_

By: \_\_\_\_\_  
County Manager (Between  
(\$25,000 and under \$50,000)  
Date Approved: \_\_\_\_\_

By: \_\_\_\_\_  
Chairman  
Board of County Commissioners  
Date Approved: \_\_\_\_\_

APPROVED:

By: \_\_\_\_\_  
\*County Attorney's Office Date

\*County Attorney signature needed  
for over Board level expenditures only.

CHANGE ORDER AGREEMENT No. 14  
or  
 SUPPLEMENTAL TASK AUTHORIZATION No.

EXHIBIT "CO/STA-A"

Date: May 5, 2005

SCOPE OF PROFESSIONAL SERVICES

For: Inspection & Testing Services

SECTION 1.00 CHANGE(S) TO PROFESSIONAL SERVICES

The "Scope of Professional Services" as set forth in Exhibit "A" of the Professional Services Agreement, or Service Provider Agreement, referred to hereinbefore is hereby supplemented, changed or authorized, so that the CONSULTANT or SERVICE PROVIDER, shall provide and perform the following professional services, tasks, or work as a supplement to, change to, or authorized to, the scope of services previously agreed to and authorized:

This change order will supplement the following tasks to provide the described services:

Task 14

- To provide additional bridge inspectors due to the addition of the San Carlos overpass, and the concurrent erection schedule proposed by the contractor.

Task 26

- Lee County Utility Relocation required for extension of project limits west of Winkler Road

Task 33

- steel fabrication inspection services
- load testing of San Carlos Overpass and Gladiolus Flyover foundations.
- vibration monitoring near medical facilities
- material testing of structural components
- additional meetings and design to meet FDOT criteria changes

- CHANGE ORDER AGREEMENT No. 14  
or  
 SUPPLEMENTAL TASK AUTHORIZATION No.

EXHIBIT "CO/STA-B"

Date: May 5, 2005

COMPENSATION AND METHOD OF PAYMENT

**For: Inspection & Testing Services**

SECTION 1.00 CHANGE(S) IN COMPENSATION

The compensation the CONSULTANT, or SERVICE PROVIDER, shall be entitled to receive for providing and performing the supplemented, changed or authorized services, tasks, or work as set forth and enumerated in the Scope of Services set forth in this CHANGE ORDER OR SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", attached hereto shall be as follows:

NOTE: A Lump Sum (L.S.) or Not-to-Exceed (N.T.E.) amount of compensation to be paid the CONSULTANT should be established and set forth below for each task or sub-task described and authorized in Exhibit "S/COA-A". In accordance with Professional Services Agreement Article 5.03(2) "Method of Payment", tasks to be paid on a Work-in-Progress payment basis should be identified (WIPP).

Task Number	Task Title	Amount of Compensation	Indicate Basis of Compensation LS or NTE	If Applicable Indicate (W.I.P.P.)
14	Bridge Inspection Services	\$159,193.52	NTE	W.I.P.P.
20.01	CEI Direct Expenses	\$26,284.90	LS	W.I.P.P.
26	LCU Relocations West of Winkler Road	\$7,125.16	NTE	W.I.P.P.
33	Shop Drawing Review and Fabrication Inspection Services	\$242,507.52	NTE	W.I.P.P.
<b>TOTAL</b>		<b>\$435,111.10</b>		

(Unless list is continued on next page)

CHANGE ORDER AGREEMENT No. 14

or

SUPPLEMENTAL TASK AUTHORIZATION No.

SECTION 2.00 SUMMARY OF CHANGE(S) IN COMPENSATION

Pursuant to and in consideration of the change(s) in the Scope of Professional Services set forth in the CHANGE ORDER or AGREEMENT, Exhibit "CO/STA-A", the compensation the COUNTY has previously agreed to pay to the CONSULTANT, or SERVICE PROVIDER, as set forth in Exhibit "B" of the Professional Services Agreement, or Service Provider Agreement, shall be changed to be as follows:

Section/Task Number	Section/Task Name	Compensation In the Basic Agreement	Adjustment(s) by Previous CO or STA Nos. 1 - 13	Adjustment(s) Due to this CO or STA	Summary of Changed Compensation
	Original Contract	\$1,899,999.97	0.00	0.00	\$1,899,999.97
CO#1	Four Laning Winkler Road	0.00	\$162,798.22	0.00	\$162,798.22
CO#2	Expenses	0.00	\$4,064.25	0.00	\$4,064.25
CO#2	Gladiolus Drive Extension	0.00	\$196,029.55	0.00	\$196,029.55
CO#3	North/Westside Sidewalk	0.00	\$234,221.50	0.00	\$234,221.50
CO#3	Summerlin Road Lighting	0.00	\$67,796.64	0.00	\$67,796.64
CO#3	Expenses	0.00	\$30,230.00	0.00	\$30,230.00
CO#4	Summerlin Road and San Carlos Interchange	0.00	\$841,154.17	0.00	\$841,154.17
CO#4	Expenses	0.00	\$38,601.76	0.00	\$38,601.76
CO#5	LCU Conflict adjustments	0.00	\$48,186.33	0.00	\$48,186.33
CO#5	Expenses	0.00	\$1,800.00	0.00	\$1,800.00
CO#6	LCU Gladiolus & Winkler Relocates	0.00	\$19,290.93	0.00	\$19,290.93
CO#6	Expenses	0.00	\$1,200.00	0.00	\$1,200.00
CO#7	Post Design Services	0.00	\$672,685.87	0.00	\$672,685.87
CO#7	Direct Expenses	0.00	\$64,196.20	0.00	\$64,196.20
CO#8	Elderberry Lane Extension	0.00	\$23,872.80	0.00	\$23,872.80
CO#8	Expenses	0.00	\$1,100.00	0.00	\$1,100.00

CHANGE ORDER AGREEMENT No. 14

or

SUPPLEMENTAL TASK AUTHORIZATION No.

SECTION 2.00 SUMMARY OF CHANGE(S) IN COMPENSATION CONTINUED

Section/Task Number	Section/Task Name	Compensation In the Basic Agreement	Adjustment(s) by Previous CO or STA Nos. 1 - 13	Adjustment(s) Due to this CO or STA	Summary of Changed Compensation
CO#9	LCU San Carlos Adjustments	0.00	\$30,548.540	0.00	\$30,548.54
CO#9	Expenses	0.00	\$1,200.000	0.00	\$1,200.00
CO#9	Credit for overcharge on SA#6	0.00	(\$1,200.00)	0.00	(\$1,200.00)
CO#10	Post Design, Plan Revision & Re-bid	0.00	\$352,292.06	0.00	\$352,292.06
CO#10	LCU Relocates	0.00	\$35,462.54	0.00	\$35,462.54
CO#10	LCDOT Expenses	0.00	\$16,839.24	0.00	\$16,839.24
CO#10	LCU Expenses	0.00	\$800.00	0.00	\$800.00
CO#11	Gladiolus/Winker	0.00	\$31,100.00	0.00	\$31,100.00
CO#11	Gladiolus/Winker	0.00	\$1,200.00	0.00	\$1,200.00
CO#12	LCU WM San Carlos to Kelly Cove	0.00	\$3,713.13	0.00	\$3,713.13
CO#12	LCU Expenses	0.00	\$100.00	0.00	\$100.00
CO#13	Steel Fabrication Inspection	0.00	\$20,000.00	0.00	\$20,000.00
CO#14	Inspection & Testing Services	0.00	0.00	\$435,111.10	\$408,826.20
CO#14	CO#14 Expenses	0.00	0.00	\$26,284.90	\$26,284.90
TOTAL		\$1,899,999.97	\$2,899,283.73	\$435,111.10	\$5,234,394.80





CHANGE ORDER AGREEMENT No. 14  
or  
 SUPPLEMENTAL TASK AUTHORIZATION No.

EXHIBIT "CO/STA-D"

Date: May 5, 2005

CONSULTANT'S, OR SERVICE PROVIDER'S, ASSOCIATED SUB-CONSULTANT(S) AND SUBCONTRACTOR(S)

For: Inspection & Testing Services

CONSULTANT, or SERVICE PROVIDER, intends to engage the following sub-consultant(s) and/or sub-contractor(s) to assist the CONSULTANT, or SERVICE PROVIDER, in providing and performing the services, tasks, or work required under this CHANGE ORDER, or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT.

(If none, enter the word "none" in the space below.)

Service and/or Work to be Provided or Performed	Name and Address of Individual or Firm	Disadvantaged, Minority or Women Business Enterprise, (If Yes, Indicate Type)			Sub-Consultant Services are Exempted from Prime Consultant=s Insurance Coverage	
		Yes	No	Type	Yes	No
Shop drawing review & steel fabrication inspection	MACTEC Engineering & Consulting 3901 Carmichael Avenue Jacksonville, FL 32207		X		X	
Shaft Load Testing	Foundation & Geotechnical Engineering, LLC 4905 Hidden Hills Drive Lakeland, FL 33813		X		X	
Vibration Monitoring	ASC Geosciences, Inc. 5811 Corporation Circle Fort Myers, FL 33905					
Geotechnical Design	Ardaman & Associates, Inc. 9970 Bavaria Road Fort Myers, FL 33913					

CHANGE ORDER AGREEMENT No. 14

SUPPLEMENTAL TASK AUTHORIZATION No. \_\_\_\_\_

EXHIBIT "CO/STA-E"

Date: May 5, 2005

PROJECT GUIDELINES AND CRITERIA

for Inspection & Testing Services

(Enter Project Name from Page 1 of the  
Change Order or Supplemental Task Authorization Agreement)

As a supplement, or change, to the Project Guidelines and Criteria set forth in the Professional Services Agreement, or Service Provider Agreement, Exhibit "E", the COUNTY has established the following Guidelines, Criteria, Goals, Objectives, Constraints, Schedule, Budget, and/or Requirements which shall serve as a guide to the CONSULTANT, or SERVICE PROVIDER, in performing the professional services, tasks, or work to be provided pursuant to the professional services set forth hereinbefore in CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", attached hereto:

(If none, enter the word "None" in the space below.)

ITEM No. 1

NONE

**T.Y. Lin International**  
**Summerlin Road Steel Shop Inspection, Testing and Coordination**  
**Summary Fee Sheet for CO#14**

Activity	Project Manager (Hours)	Chief Engineer (Hours)	Senior Engineer (Hours)	Senior Inspector (Hours)	Senior Tech (Hours)	Tech (Hours)	Total (Hours)	Activity Fee	Sub-Consultant	Total Activity Fee
33.00 Coordination & Client Meetings	80	0	80	0	0		160	\$ 21,954.40		\$ 21,954.40
2.00							0	\$ -		\$ -
3.00							0	\$ -		\$ -
4.00							0	\$ -		\$ -
5.00							0	\$ -		\$ -
6.00							0	\$ -		\$ -
26.00 LCU Relocates	32			4	20	4	60	\$ 7,125.16		\$ 7,125.16
33.00 Mactec - PDM Shop Inspection *	16		24				40	\$ 334.48	\$ 68,600.00	\$ 68,934.48
33.00 FGE - PDA, CSL and Static Shaft Testing	4		16	40			60	\$ 5,873.12	\$ 67,172.00	\$ 73,045.12
33.00 ASG - Vibration Monitoring	8		24				32	\$ 4,082.64	\$ 35,000.00	\$ 39,082.64
33.00 Ardaman & Assoc. - FDOT Permit	16		16				32	\$ 4,390.88	\$ 10,000.00	\$ 14,390.88
33.00 Bridge Item Material Testing							0	\$ -	\$ 25,000.00	\$ 25,000.00
33.00 Reprographics								\$ 100.00		\$ 100.00
<b>TOTALS</b>	156	0	160	44	20	4	384	\$ 43,860.68	\$ 205,772.00	\$ 249,632.68
<b>TOTAL HOURS</b>	156	0	160	44	20	4	384			
<b>Hourly Rate</b>	\$ 156.48	\$ 138.32	\$ 117.95	\$ 84.00	\$ 77.09	\$ 60.00				<b>\$ 249,632.68</b>

\* \$5,000 activity fee & \$15,000 sub consultant fee deducted due to CO#13 advancing the budgets.

**T.Y. Lin International**  
**Summerlin Road Six Lining**  
 Summary Fee Sheet Supplement Fourteen  
**INSPECTION SERVICES**

Activity	DESCRIPTION	Project Manager (Hours)	Chief Engineer (Hours)	Senior Engineer (Hours)	Project Engineer (Hours)	Senior Tech (Hours)	Tech (Hours)	Proj. Eng. (CEI) (Hours)	Sr. Insp. (CEI) Level 2 (Hours)	Sr. Insp. (CEI) Level 2 Overtime (Hours)	Sr. Insp. (CEI) Level 1 (Hours)	Sr. Insp. (CEI) Level 1 Overtime (Hours)	Jr. Insp. (CEI) (Hours)	Jr. Insp. (CEI) Overtime (Hours)	Total (Hours)	Total Activity Fee
14.00	POST-DESIGN SERVICES	0	0	0	0	0	0	3050.3	2773	554.6	2600	520	2600	520	5823.3	\$
14.01	Pre-construction Conference and Site Visits															\$
14.02	Change Orders / Interpretations															\$
14.03	Shop Drawings															\$
14.04	Clarifications (RFI)															\$
14.05	Pay Requests															\$
14.06	Full-Time Inspections															\$
14.07	Materials Testing															\$
14.08	Final Inspection / Certifications															\$
14.09	Record Drawings															\$
14.10	Cost to Cure															\$
14.11																\$
14.12																\$
14.13																\$
14.14																\$
15.00	LANDSCAPE PLANS - COMPLETE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$
16.00	WATERSHED STUDIES FOR SECONDARY SYSTEMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$
17.00	WINKLER ROAD WIDENING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$
18.00	ADDITIONAL TRAFFIC STUDIES-GLADIOLUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$
19.00	COMPLETE LANDSCAPE ARCHITECTURAL SERVICES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$
20.00	LS DIRECT EXPENSES															\$
20.01	CEI															\$
20.02	Post Design															\$
21.00	GLADIOLUS DRIVE EXTENSION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$
22.00	NORTH/WESTSIDE SIDEWALK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$
23.00	SUMMERLIN ROAD LIGHTING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$
24.00	SAN CARLOS BLVD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$
25.00	LCU CONFLICT ADJUSTMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$
	TOTAL HOURS	0	0	0	0	0	0	3050.3	2773	554.6	2600	520	2600	520	5823.3	\$
	Hourly Rate	\$ 156.48	\$ 138.32	\$ 117.95	\$ 93.29	\$ 77.09	\$ 60.00	\$ 73.82	\$ 60.75	\$ 74.25	\$ 51.98	\$ 63.53	\$ 42.75	\$ 52.25	\$ 52.25	\$ 393.64

Estimate Cost to Complete Subtotal \$ 393,641  
 (minus remaining labor dollars per August 1, 2005) \$ (234,447)  
**ADDITIONAL LABOR DOLLARS \$ 159,193**  
**ADDITIONAL EXPENSES \$ 26,284**

**GRAND TOTAL \$ 185,478**

ATTACHMENT NO. 2 TO EXHIBIT B

Date: November 18, 2003

NON-PERSONNEL REIMBURSEABLE EXPENSES AND COSTS  
for Post Design Services (CEI)

CONSULTANT : TY LIN INTERNATIONAL

ITEM	BASIS OF CHARGE	Units	Unit cost	Total Cost
Office Rental (\$1000.00/month@20months)	LS	0	\$ 20,000.00	\$ -
Electric (1100sf approx \$150/month)	LS	0	\$ 3,000.00	\$ -
2 Mobile Phones (nextel)(avg \$80/month each)	LS	2	\$ 1,200.00	\$ 2,400.00
Office Furniture **	LS	0	\$ 1,345.00	\$ -
Computer (lease equipment & licensing)	LS	0	\$ 1,200.00	\$ -
Copier with maintenance agreement (\$165.00/month)	LS	0	\$ 3,300.00	\$ -
Copies, Prints, Misc office supplies (\$50/month)	LS	0	\$ 1,000.00	\$ -
Phone, Fax and Internet Connections	LS	0	\$ 1,200.00	\$ -
Vehicle 3 (\$412.83/month@15months)	LS	1	\$ 6,192.45	\$ 6,192.45
Vehicle 4 (\$412.83/month@15months)	LS	1	\$ 6,192.45	\$ 6,192.45
Vehicle 3 Maintenance and Operating Cost *	LS	1	\$ 5,250.00	\$ 5,250.00
Vehicle 4 Maintenance and Operating Cost *	LS	1	\$ 5,250.00	\$ 5,250.00
Misc. Field and Safety Equipment	LS	1	\$ 1,000.00	\$ 1,000.00
* includes insurance, maintainance and gas				
** two desks and conference table supplied at moving cost only, 10 chairs and vertical file supplied at cost.				
<b>TOTAL</b>				<b>\$ 26,284.90</b>