

SUPPLEMENTAL WORK AUTHORIZATION NO. 3
TO
WORK AUTHORIZATION NO. 2

WILLIAMSON COUNTY ROAD BOND PROJECT:

RM 2243 Phase 1A from 183A to Garey Park PS&E

This Supplemental Work Authorization No. 3 to Work Authorization No. 2 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated January 14, 2020 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and BGE Inc. (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 2 dated effective December 15, 2023 (the "Work Authorization");

WHEREAS, pursuant to Article 14 of the Contract, amendments, changes and modifications to a fully executed Work Authorization shall be made in the form of a Supplemental Work Authorization; and

WHEREAS, it has become necessary to amend, change and modify the Work Authorization.

AGREEMENT

NOW, THEREFORE, premises considered, the County and the Engineer agree that the Work Authorization shall be amended, changed and modified as follows:

- I. The services to be provided by the Engineer that were set out in the original Attachment "B" of Work Authorization are hereby amended, changed and modified as shown in the attached revised Attachment B-3".
- II. The Work Authorization shall terminate on December 31, 2025. The Services to be Provided by the Engineer shall be fully completed on or before said date unless extended by an additional Supplemental Work Authorization. The revised Work Schedule is attached hereto as Attachment "C-3".
- III. The maximum amount payable for services under the Work Authorization is hereby increased from \$1,771,185.62 to \$1,957,530.46 reflecting an increase of \$186,344.84. The supplemental Fee Schedule is attached hereto as Attachment "D-3".

Except as otherwise amended by prior or future Supplemental Work Authorizations, all other terms of the Work Authorization are unchanged and will remain in full force and effect.

This Supplemental Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

IN WITNESS WHEREOF, the County and the Engineer have executed this Supplemental Work Authorization, to be effective as of the date of the last party's execution below.

ENGINEER:

By: Eric Busker
Signature

Eric Busker, PE
Printed Name

Director
Title

05/01/2025
Date

COUNTY:

By: _____
Signature

Printed Name

Title

Date

LIST OF ATTACHMENTS

Attachment B-3 – Services to be Provided by the Engineer

Attachment C-3 – Work Schedule

Attachment D-3 – Fee Schedule

APPROVED

By Christen Eschberger at 11:22 am, May 06, 2025

ATTACHMENT B-3
SERVICES TO BE PROVIDED BY THE ENGINEER
RM 2243 PHASE 1A
WILLIAMSON COUNTY

The work to be performed by the ENGINEER under this work authorization shall consist of providing plans, specifications and estimates (PS&E) and related documents, for the construction of RM 2243 Phase 1A from US 183A to Garey Park Rd in Williamson County. These services may include, but are not limit to, preparing roadway design, hydrologic and hydraulic design, environmental, and geotechnical data collection.

The scope of services for the RM 2243 Phase 1A project is organized as follows:

This project shall begin at US 183A and shall end at Garey Park Rd. The scope of services for this work authorization shall include Plans, Specifications and Estimates (PS&E's) for the limits described above. Design the project for the 3-lane westbound frontage road and develop plans for the interim condition which will have two-way traffic (1 lane in each direction) with 2' shoulders and a 12' Median occupying Phase 1A of the RM 2243 construction. Design shall be in accordance with all TxDOT accepted practices and plans prepared in TxDOT format.

The original Scope is revised as shown below.

FUNCTION CODE 160 – ROADWAY DESIGN (DESIGN SURVEY)

A. Flagging for property owners

This task includes field work to place flags/markers along the proposed right-of-way line for reference by individual property owners.

FUNCTION CODE 160 – ROADWAY DESIGN (ROADWAY DESIGN CONTROLS)

A. Demolition Plans

This task includes the development of Demolition Plans for removal of structures prior to construction of the roadway.

B. Intersection – Ronald Reagan

This task includes revised superelevation and transition due to TxDOT comments.

C. Adjustments for Waterline relocation

This task includes revisions to roadway design associated with revised waterline alignments, including pavement, quantities, and traffic control.

FUNCTION CODE 161 – DRAINAGE

A. Preliminary Bridge Layout Reports

This task includes development of Preliminary Bridge Layout Reports, exhibits, and coordination with TxDOT for TxDOT approval of two additional bridge class culverts, for a total of four.

B. WPAP for TxDOT Tippet Middle School project

This task includes work to support TxDOT in their development of plans for landscaping improvements at Tippet Middle School, which is being completed as mitigation for the ultimate RM 2243 schematic project's environmental impacts. Tasks include:

B.1 – Water Quality BMPs: Impervious cover and runoff calculations, TSS removal calculations, and development of plan sheets for BMP details.

B.2 – Water Pollution Abatement Plan: development of WPAP, and two rounds of reviews from TCEQ

FUNCTION CODE 163 - MISCELLANEOUS (ROADWAY)

A. Initial Financial Plan spreadsheet

This task includes development of the Project Estimate Review Data spreadsheet as part of the requirements for the Initial Financial Plan preparation, broken out by each phase of construction implementation.

B. Revisions to Signage Layouts

This task includes revisions to the signing layouts due to continued coordination with the City of Leander and MOU coordination.

FUNCTION CODE 164 - PROJECT MANAGEMENT

A. Prepare Monthly Progress Reports, Invoices, and Billings:

Submit monthly progress status reports to the GEC. Progress reports will include: tasks completed, tasks/objectives that are planned for the upcoming periods, lists or descriptions of items or decisions needed from the County and its representatives.

Subconsultant progress will be incorporated into the monthly progress report. A copy of the monthly progress report will be uploaded to ProjectWise.

B. PROJECT COORDINATION & ADMINISTRATION, INTERNAL PROGRESS MEETINGS, INCLUDING SUB-CONSULTANT COORDINATION

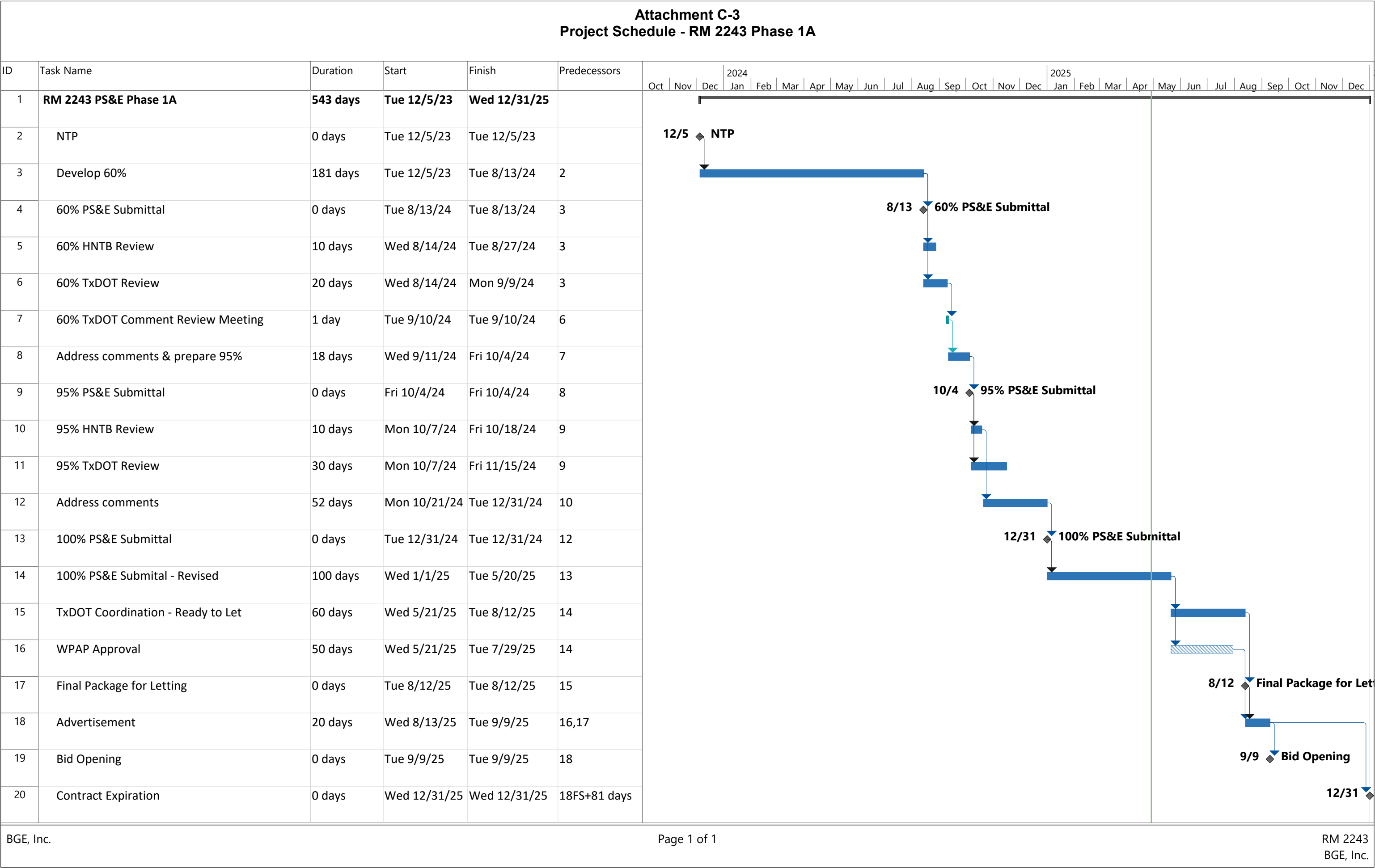
Prepare and maintain routine project record keeping including records of meetings.

Correspondence and coordination will be handled through and with the concurrence of the GEC.

Manage project activities (including documenting emails, phone and conference calls, maintain project files for the length of the project, meeting agendas, meeting minutes, and schedule meetings), direct Engineer's team/staff, correspond with the County and its representatives, and assist the County and its representatives in preparing responses to project-related inquiries.

EXCLUSIONS

- Development of Initial Financial Plan report
- Development of Project Management Plan
- Participation in Major Project Cost Estimate Review workshop and identification of risk items
- Updates to Schematic Drainage Report or development of new Drainage Report
- Review of other designs (retaining wall, grading plans, irrigation layout, etc) included in TxDOT Tippit Middle School project.
- Geologic Assessment and/or updates associated with Tippit Middle School project



ATTACHMENT D-3 - FEE SCHEDULE
(SPECIFIED RATE PAYMENT BASIS)

PRIME PROVIDER NAME: BGE, Inc
PROJECT NAME: RM 2243
Phase 1A PS&E

PROJECT SUMMARY		
Firm	Amount	Percent
BGE, Inc.	\$186,344.84	100.0%
Corsair		
AMA		
SWCA		
Total	\$186,344.84	100.0%

SUMMARY BY FIRM & FUNCTION CODE						
		Firm				
		BGE, Inc.	Corsair	AMA	SWCA	Function Code
		(PS&E)	Geotech			Sub-Totals
Function Code						
(Lump Sum Payment Type Basis)						
FC 110	Total Labor Cost					
	Other Direct Expenses					
	Total Labor Cost (Unit Cost)					
FC 120	Total Labor Cost					
	Other Direct Expenses					
FC 130	Total Labor Cost					
	Other Direct Expenses					
	Total Labor Cost (Unit Cost)					
FC 150	Total Labor Cost	\$14,402.64				\$14,402.64
	Other Direct Expenses					
	Total Labor Cost (Unit Cost)					
FC 160	Total Labor Cost	\$47,219.26				\$47,219.26
	Other Direct Expenses					
FC 161	Total Labor Cost	\$51,636.54				\$51,636.54
	Other Direct Expenses					
FC 162	Total Labor Cost					
	Other Direct Expenses					
FC 163	Total Labor Cost	\$41,563.00				\$41,563.00
	Other Direct Expenses					
FC 164	Total Labor Cost	\$31,523.40				\$31,523.40
	Other Direct Expenses					
FC 165	Total Labor Cost					
	Other Direct Expenses					
FC 170	Total Labor Cost					
	Other Direct Expenses					
FC 300 (351)	Total Labor Cost(Specified Rate)					
	Other Direct Expenses					
TOTAL		\$186,344.84				\$186,344.84

PRIME PROVIDER NAME: BGE, Inc
PROJECT NAME: RM 2243
Phase 1A PS&E
4/15/2025

Reviewed rates - same
as PSA

PRIME PROVIDER: BGE, Inc.

TASK DESCRIPTION		PRINCIPAL/ DIRECTOR	SENIOR PROJECT MANAGER	QC MANAGER	SENIOR STRUCTURAL ENGINEER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	GRADUATE ENGINEER	SENIOR TECHNICAL ADVISOR	SENIOR DESIGN TECHNICIAN	DESIGN TECH	SURVEY RPLS	SURVEY FIELD CREW	ADMIN / CLERICAL	TOTAL HRS. & COSTS	COST PER TASK	NO OF DWGS	HRS PER SHEET
	CONTRACT RATE PER HOUR	\$ 350.40	\$ 283.94	\$ 326.23	\$ 274.00	\$ 265.82	\$ 235.61	\$ 195.00	\$ 157.08	\$ 190.00	\$ 198.16	\$ 144.99	\$ 229.57	\$ 205.41	\$ 102.70				
FUNCTION CODE 160 (150) – ROADWAY DESIGN																			
DESIGN SURVEYS																			
A.	Flagging for Property Owners		8				8						16	32		64	\$ 14,402.64		
																0	\$ -		
																0	\$ -		
	HOURS SUB-TOTALS	0	8	0	0	0	8	0	0	0	0	0	16	32	0	64		0	
	SUBTOTAL FC 160 (150)	\$0.00	\$2,271.52	\$0.00	\$0.00	\$0.00	\$1,884.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,673.12	\$6,573.12	\$0.00	\$14,402.64	\$14,402.64		
FUNCTION CODE 160 (160) – ROADWAY DESIGN																			
ROADWAY DESIGN CONTROLS																			
A.	Demolition Plans		4	4			24	16	24							72	\$ 14,985.24	4	18
B.	Revisions to intersection design at Ronald Reagan		2	4			16	40	24							86	\$ 17,212.48		
C.	Adjustments for waterline relocation		2	2			24	16	32							76	\$ 15,021.54		
	HOURS SUB-TOTALS	0	8	10	0	0	64	72	80	0	0	0	0	0	0	234		4	
	SUBTOTAL FC 160 (160)	\$0.00	\$2,271.52	\$3,262.30	\$0.00	\$0.00	\$15,079.04	\$14,040.00	\$12,566.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47,219.26	\$47,219.26		
FUNCTION CODE 160 (161) – ROADWAY DESIGN																			
DRAINAGE																			
A.	Preliminary Bridge Layout Reports - Two additional		2	2		24	48	40	64							180	\$ 36,762.42	1	180
B. 1	Water Quality BMPs		1			8			24							33	\$ 6,180.42		
B. 2	WPAP		1			8			40							49	\$ 8,693.70		
	HOURS SUB-TOTALS	0	4	2	0	40	48	40	128	0	0	0	0	0	0	262		1	
	SUBTOTAL FC 160 (161)	\$0.00	\$1,135.76	\$652.46	\$0.00	\$10,632.80	\$11,309.28	\$7,800.00	\$20,106.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51,636.54	\$51,636.54		
FUNCTION CODE 160 (163) – ROADWAY DESIGN																			
MISCELLANEOUS (ROADWAY)																			
A.	Initial Financial Plan spreadsheet		16	4			40	40								100	\$ 23,072.36	4	25
B.	Revisions to Signage Layouts		2	4			24	24	40							94	\$ 18,490.64		
																0	\$ -		
	HOURS SUB-TOTALS	0	18	8	0	0	64	64	40	0	0	0	0	0	0	194		0	
	SUBTOTAL FC 160 (163)	\$0.00	\$5,110.92	\$2,609.84	\$0.00	\$0.00	\$15,079.04	\$12,480.00	\$6,283.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41,563.00	\$41,563.00		
FUNCTION CODE 145 (164) – MANAGING CONTRACTED/DONATED PE																			
PROJECT MANAGEMENT AND ADMINISTRATION																			
A.	Prepare Monthly Progress Reports, Invoices, and Billings		8				8									16	\$ 4,156.40		
B.	Project Coordination and Administration		30				80									110	\$ 27,367.00		
	HOURS SUB-TOTALS	0	38	0	0	0	88	0	0	0	0	0	0	0	0	126		0	
	SUBTOTAL FC 145 (145, 164)	\$0.00	\$10,789.72	\$0.00	\$0.00	\$0.00	\$20,733.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31,523.40	\$31,523.40		
	TOTAL HOURS	0	76	20	0	40	272	176	248	0	0	0	16	32	0	880			
	CONTRACT RATE PER HOUR	\$ 350.40	\$ 283.94	\$ 326.23	\$ 274.00	\$ 265.82	\$ 235.61	\$ 195.00	\$ 157.08	\$ 190.00	\$ 198.16	\$ 144.99	\$ 229.57	\$ 205.41	\$ 102.70				
	SUBTOTAL LABOR EXPENSES	\$ -	\$ 21,579.44	\$ 6,524.60	\$ -	\$ 10,632.80	\$ 64,085.92	\$ 34,320.00	\$ 38,955.84	\$ -	\$ -	\$ -	\$ 3,673.12	\$ 6,573.12	\$ -	\$186,344.84			
DIRECT EXPENSES		QUANTITY	COST/UNIT	UNIT	TOTAL														
	SUBTOTAL DIRECT EXPENSES				\$ -														
	GRAND TOTAL				\$ 186,344.84														