

**SUPPLEMENTAL WORK AUTHORIZATION NO. 1**  
**TO**  
**WORK AUTHORIZATION NO. 1**

**WILLIAMSON COUNTY ROAD BOND PROJECT:**  
**SONTERRA BOULEVARD**

This Supplemental Work Authorization No. 1 to Work Authorization No. 1 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated March 19, 2024 (“Contract”) and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Huitt-Zollars, Inc. (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 1 dated effective April 16, 2024 (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 the Work Authorization are hereby amended, changed and modified as shown in the attached revised Attachment “B-1” (must be attached).
- II. The maximum amount payable for services under the Work Authorization is hereby increased from \$84,790.00 to \$128,135.00, reflecting an increase of \$43,345.00. The revised Fee Schedule is attached hereto as Attachment “D” (must be attached).
- III. The Work Authorization shall terminate on December 31, 2024. 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” (must be attached).

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.



**ATTACHMENT B-1**  
**SUPPLEMENTAL SERVICES TO BE PROVIDED BY THE**  
**ENGINEER**  
**ENGINEERING FOR SONTERRA BOULEVARD**

**PROJECT DESCRIPTION**

This supplemental work authorization (SWA) amends and revises the original work authorization (WA) Sonterra Boulevard. SWA01 to WA01 includes the following:

- The addition of a right turn lane to the northbound frontage road of IH-35 (right turn lane)(project).

The additional work resulting from these modifications is outlined below.

1. **PROJECT MANAGEMENT**

a. COMMUNICATION:

- No additional scope under this SWA.

b. MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS (3 additional months assumed):

- No additional scope under this SWA.

c. QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PLAN:

- No additional scope under this SWA.

d. PROJECT COORDINATION & ADMINISTRATION:

- No additional scope under this SWA.

e. PROGRESS/COORDINATION MEETINGS (3 additional external meetings assumed):

- No additional scope under this SWA.

f. PROJECT SCHEDULE:

- No additional scope under this SWA.

g. PROJECT DOCUMENTS/FILES:

- All contract documents, including native files, shall be turned over to the County at each milestone and at the completion of the project or as requested. Documents shall be posted to the County's project management database.

h. DELIVERABLES:

- Monthly Invoices and Progress Reports including Deliverable Table
- Meeting Minutes, Sign-In Sheets, and Agendas
- Project Schedule and Updates
- Project Files
- QA/QC Documentation with Deliverable

2. PUBLIC INVOLVEMENT

- No additional scope under this SWA.

3. UTILITY COORDINATION SUPPORT

***As this is a Road Bond Project, direct coordination with utilities will be conducted through the County's existing utility coordination contract with Cobb Fendley and Associates. The Engineer will provide support as described below:***

a. INCORPORATE UTILITY INFORMATION INTO ENGINEERING DRAWINGS

- No additional scope under this SWA.

b. UTILITY MEETINGS

- No additional scope under this SWA.

As no meetings have been scheduled to date, it is presumed that any forthcoming meetings will include utility information in the vicinity of the proposed right turn lane.

c. DELIVERABLES:

- No additional scope under this SWA.

4. SURVEYING

- a. All surveying services, including but not limited to topographic, boundary, ROW/easement documents, etc., will be performed by Williamson County.

5. ENVIRONMENTAL SERVICES

- No additional scope under this SWA.

## 6. PLAN PREPARATION

- a. Plans shall be prepared per **Wilco and TxDOT** criteria including applicable submittal requirements per PS&E Development Plan Submittal Checklist including: cost estimate, checklists, hardcopies, CAD files, comment responses, design waivers/exceptions, general notes, quantities, updated design schedule, construction time determination.
- b. DESIGN CRITERIA & SCHEMATIC LEVEL EXHIBIT (for County Coordination with TxDOT):
  - Review TxDOT Roadway Design Manual for design criteria.
  - Submit a Design Summary Form (DSF) **and Design Summary Report (DSR)** and note any recommend changes to the previously approved design criteria.
  - Prepare a schematic level exhibit of the Project showing proposed project limits, typical sections, ROW, edge of pavement, existing utilities, and preliminary drainage (pipe and/or ditch locations).
- c. ROADWAY:
  - Prepare horizontal and vertical alignment of the right turn lane, existing and proposed typical sections, in addition to any necessary cross sections created at appropriate increments.
  - Prepare project layout sheets that identify the project area and limits of work.
  - Prepare Survey Data Sheets that clearly indicate benchmark locations and associated control information.
- d. DRAINAGE:
  - Prepare hydraulic calculations for the design of drainage structures on the project and inclusion in the plans.
  - Develop drainage area maps delineating drainage area boundaries based on USGS topographic maps, local contour maps, and/or field survey data.
  - Design and detail storm sewer system, drainage outfalls, cross drainage structures, culverts, channels, roadside ditches, minimum side slopes, and erosion and sedimentation control.
  - All work will be within existing ROW and will be limited to the addition of the right turn lane, shoulder, and drainage improvements required, therefore no detention is required.
- e. SIGNING, MARKINGS, & SIGNALIZATION:

- Prepare signing and marking layout per current version of Texas Manual of Uniform Traffic Control Devices (TMUTCD). Detail all non-standard signs or marking details as required for the project.

f. TRAFFIC CONTROL:

- Prepare traffic control plan sequence of construction narrative, phase layout sheets, and detour layout as needed to direct traffic around construction activities per Texas Manual of Uniform Traffic Control Devices (TMUTCD).

g. WATER QUALITY:

- Prepare water quality temporary and permanent Best Management Practices (BMPs) to comply with Texas Commission on Environmental Quality (TCEQ) regulations.
- Prepare Stormwater Pollution Prevention Plan (SWPPP) and EPIC Sheet.

h. DELIVERABLES:

- Informal Schematic Level Exhibit and Typical Section of Right Turn Lane for TxDOT Concurrence
- 60% PS&E Submittal; per 60% Plan Submittal Checklist
- 100% PS&E Submittal; per 100%/Final Plan Submittal Checklist
- Final PS&E Submittal; see 100%/Final Plan Submittal Checklist

7. PERMITS

a. **City of Jarrell Coordination and Permitting :**

- **No additional scope under this SWA. Williamson County is to lead all permitting and coordination efforts with the City of Jarrell including but limited to preparing and submitting all permit applications, forms, etc.**

b. **TxDOT Coordination and Permitting :**

- **No additional scope under this SWA. Williamson County is to lead all permitting and coordination efforts with TxDOT including but limited to preparing and submitting all permit applications, forms, etc.**

8. BIDDING PHASE SERVICES

a. BIDDING PHASE SERVICES:

- Prepare all applicable construction documents for bidding including final signed and sealed plans with any joint bid utility plans incorporated; final general notes, specification list, special specifications and signed & sealed cover for project construction manual. Final construction time determination which also includes any joint bid utilities.
- Attend the pre-bid meeting. Respond to bidder's questions during the bid period. Prepare project addenda during bid period. Analyze contractor bids, prepare bid tabulation, and make recommendation for award to the apparent low bidder. Attend the pre-construction conference.

b. DELIVERABLES:

- Signed and sealed final bid documents
- Addenda as necessary
- Bid analysis and recommendation for award


9. EXCLUSIONS

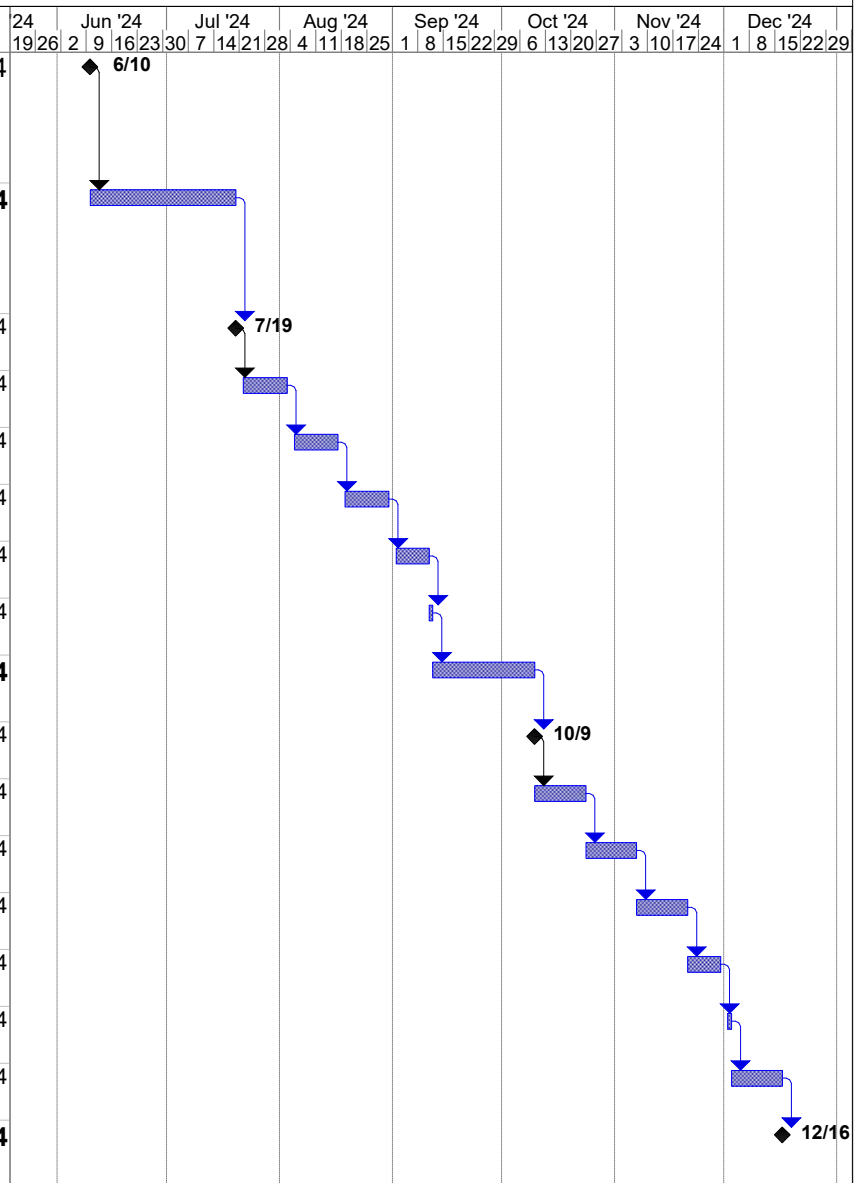
- a. Surveying Services, including but not limited to topographic, boundary, ROW/easement documents, etc.
- b. One (1) Environmental Permits, Issues, and Commitments (EPIC) sheet will be included in the plans to comply with TxDOT Local Government Project Procedures (LGPP) requirements. No other environmental services or agency coordination is included based on location and prior disturbance.
- c. No additional time for project management, progress reporting, work product submittals, addressing review comments, or other items specified. It is presumed that comments will be limited and that the County will perform all coordination for this SWA1 within the timeframe discussed in the original contract. The hours set aside for these and other items not a part of this SWA1 will be up to the hours specified in the original WA1.
- d. Route and Design Studies
- e. Right of Way (ROW) Mapping
- f. Condemnation Support
- g. Schematic Development
- h. Drainage Study

- i. Geotechnical Services. Williamson County and/or TxDOT is to provide the pavement cross section to be used for the right turn lane.
- j. Construction Phase Services.



## Williamson County Sonterra Boulevard with NB Right Turn Lane Preliminary Schedule

ID	Task Name	Duration	Start	Finish	24	Jun '24	Jul '24	Aug '24	Sep '24	Oct '24	Nov '24	Dec '24											
					19/26	29	16/23	30	7	14/21	28	4	11/18	25	1	8	15/22	29	6	13/20	27	3	10/17
1	 <b>Notice to Proceed with Adding Right Turn Lane</b>	0 days	Mon 6/10/24	Mon 6/10/24		◆ 6/10																	
2	<b>60% Design (Presuming County Survey is Provided by Start Date)</b>	30 days	Mon 6/10/24	Fri 7/19/24																			
3	60% Design Submittal	0 days	Fri 7/19/24	Fri 7/19/24																			
4	County Review 1	10 days	Mon 7/22/24	Fri 8/2/24																			
5	Address Comments 1	10 days	Mon 8/5/24	Fri 8/16/24																			
6	County Review 2	10 days	Mon 8/19/24	Fri 8/30/24																			
7	Address Comments 2	7 days	Mon 9/2/24	Tue 9/10/24																			
8	Final Comment Resolution Meeting	1 day	Wed 9/11/24	Wed 9/11/24																			
9	<b>100% Design</b>	20 days	Thu 9/12/24	Wed 10/9/24																			
10	100% Design Submittal	0 days	Wed 10/9/24	Wed 10/9/24																			
11	County Review 1	10 days	Thu 10/10/24	Wed 10/23/24																			
12	Address Comments 1	10 days	Thu 10/24/24	Wed 11/6/24																			
13	County Review 2	10 days	Thu 11/7/24	Wed 11/20/24																			
14	Address Comments 2	7 days	Thu 11/21/24	Fri 11/29/24																			
15	Final Comment Resolution Meeting	1 day	Mon 12/2/24	Mon 12/2/24																			
16	Prepare Final Design & Bid Package	10 days	Tue 12/3/24	Mon 12/16/24																			
17	<b>Final Design &amp; Bid Package Submittal</b>	0 days	Mon 12/16/24	Mon 12/16/24																			



**ATTACHMENT D**

**FEE SCHEDULE SUMMARY**

**Prime: HUITT-ZOLLARS  
Project: Sonterra Boulevard**

**SUMMARY**

<b>DESCRIPTION</b>	<b>TOTAL</b>
Project Management - Subtotal (assume no additional time, hours are limited to original contract)	\$0.00
Work Product No. 1 - 60% Design (Estimated 45 Calendar Days)	\$27,210.00
Work Product No. 2 - 100% Design (Estimated 30 Calendar Days)	\$12,525.00
Work Product No. 3 - Bidding and Negotiation Phase (Estimated 30 Calendar Days)	\$3,110.00
<b>LABOR COST</b>	<b>\$42,845.00</b>
<b>TOTAL DIRECT EXPENSES</b>	\$500.00
<b>TOTAL</b>	<b>\$43,345.00</b>

ATTACHMENT D

FEE SCHEDULE

Prime: HUITT-ZOLLARS

Project: Sonterra Boulevard

	No. of Sheets	Principal In-Charge	QA Manager	Sr. Project Manager	Project Manager	Sr. Civil Engineer	Civil Engineer	Sr. Structural Engineer	Structural Engineer	EIT	Sr. Designer	Designer	Sr. CAD Technician	CAD Technician	Sr Project Support	Project Support	Total Hours	Total Labor Cost	
<b>Project Management - Subtotal (assume no additional time, hours are limited to original contract)</b>																			
<b>a. Communication</b>																	0	\$0.00	
<b>b. Monthly Progress Reports, Invoices &amp; Billings</b>																	0	\$0.00	
Prepare monthly invoices and progress reports																	0	\$0.00	
<b>c. QA/QC Plan</b>																	0	\$0.00	
Prepare QA/QC plan																	0	\$0.00	
<b>d. Project Coordination &amp; Administration</b>																	0	\$0.00	
Prepare & maintain routine project record keeping																	0	\$0.00	
Manage project (County coordination)																	0	\$0.00	
Attend Utility Coordination Meetings																	0	\$0.00	
Attend Coordination Meeting with City of Jarrell																	0	\$0.00	
Attend Coordination Meeting with TxDOT																	0	\$0.00	
<b>e. Progress/Coordination Meetings</b>																	0	\$0.00	
Attend coordination/progress meeting																	0	\$0.00	
Prepare agenda, sign-in sheets, meeting minutes																	0	\$0.00	
<b>f. Project Schedule</b>																	0	\$0.00	
Develop project schedule																	0	\$0.00	
Monthly schedule update																	0	\$0.00	
<b>Labor Hours - Subtotal</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	
<b>Labor Hour Cost</b>		\$325.00	\$300.00	\$300.00	\$275.00	\$250.00	\$200.00	\$270.00	\$200.00	\$155.00	\$170.00	\$140.00	\$160.00	\$110.00	\$115.00	\$90.00			
<b>Project Management - Subtotal</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	

FEE SCHEDULE

Prime: HUITT-ZOLLARS

Project: Sonterra Boulevard

	No. of Sheets	Principal In-Charge	QA Manager	Sr. Project Manager	Project Manager	Sr. Civil Engineer	Civil Engineer	Sr. Structural Engineer	Structural Engineer	EIT	Sr. Designer	Designer	Sr. CAD Technician	CAD Technician	Sr Project Support	Project Support	Total Hours	Total Labor Cost
<b>Work Product No. 1 - 60% Design (Estimated 45 Calendar Days)</b>																		
1. 30%/Schematic Level Exhibit Development																	0	\$0.00
a. Develop Exhibit																	0	\$0.00
1. 30% Schematic Level Exhibit of Right Turn Lane (for County Coordination with TxDOT)				2		4				8							14	\$2,840.00
2. 30% Schematic Level Typical Sections (for County Coordination with TxDOT)				1		2				4							7	\$1,420.00
2. Prepare Work Product: 60% Design & Plan Development, Deliverables																	0	\$0.00
a. Develop 60% Plans:																	0	\$0.00
1. Cover sheet indicating project name and number																	0	\$0.00
2. 60% General Construction Notes (TxDOT)				0.25		1				2							3.25	\$635.00
3. 60% Overall Plan/Project Layout				0.5		2				4							6.5	\$1,270.00
4. 60% Roadway Plan & Profile				0.5		6				12							18.5	\$3,510.00
5. 60% Grading & Drainage Plan				0.5		8				16							24.5	\$4,630.00
6. 60% Typical Sections				0.5		3				6							9.5	\$1,830.00
7. 60% Demolition/Removal Plan				0.5		1				2							3.5	\$710.00
8. 60% Cross Sections				0.5		6				12							18.5	\$3,510.00
9. 60% Traffic Control Plans (Presuming TxDOT Standard Traffic Control Details are Used)				0.5		2				4							6.5	\$1,270.00
10. 60% Erosion Control Plans				0.5		1				2							3.5	\$710.00
11. 60% Erosion Control Details				0.25		0.5				1							1.75	\$355.00
12. 60% Existing Drainage Area Map				0.5		2				4							6.5	\$1,270.00
13. 60% Proposed Drainage Area Map				0.5		2				4							6.5	\$1,270.00
14. 60% Drainage Calculations				0.5		2				4							6.5	\$1,270.00
15. 60% Signing & Striping Plan				0.5		1				2							3.5	\$710.00
																	0	\$0.00
b. 60% Project Manual and List of Standard Specifications, Special Specifications and Special Provisions																	0	\$0.00
c. 60% Engineers Estimate of Construction Cost																	0	\$0.00
3. QA/QC Review / Address comments																	0	\$0.00
4. Work Product Submittal																	0	\$0.00
a. Prepare & Submit Work Product Deliverables to County for Review																	0	\$0.00
5. Address any County Review Comments (Up to 2 occurrences)																	0	\$0.00
a. Attend Review Comment Resolution Meeting with County (60%)																	0	\$0.00
b. Submit Final Work Product Deliverables for Approval																	0	\$0.00
6. Track and Report Project Progress																	0	\$0.00
a. Provide Monthly Progress Report																	0	\$0.00
b. Maintain Project Schedule (Monthly Submittal)																	0	\$0.00
<b>Labor Hours - Subtotal</b>				10	0	43.5	0	0	0	87	0	0	0	0	0	0	140	\$27,210.00
<b>Labor Hour Cost</b>		\$325.00	\$300.00	\$300.00	\$275.00	\$250.00	\$200.00	\$270.00	\$200.00	\$155.00	\$170.00	\$140.00	\$160.00	\$110.00	\$115.00	\$90.00		
<b>Work Product No. 2 - Subtotal</b>		\$0.00	\$0.00	\$2,850.00	\$0.00	\$10,875.00	\$0.00	\$0.00	\$0.00	\$13,485.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$27,210.00

FEE SCHEDULE

Prime: HUITT-ZOLLARS

Project: Sonterra Boulevard

	No. of Sheets	Principal In-Charge	QA Manager	Sr. Project Manager	Project Manager	Sr. Civil Engineer	Civil Engineer	Sr. Structural Engineer	Structural Engineer	EIT	Sr. Designer	Designer	Sr. CAD Technician	CAD Technician	Sr Project Support	Project Support	Total Hours	Total Labor Cost
<b>Work Product No. 2 - 100% Design (Estimated 30 Calendar Days)</b>																		
1. Prepare Work Product No. 4: (100%) Design & Plan Development, Deliverables																		
a. Final 100% Plans																		
1. Cover sheet indicating project name and number																		
2. 100% General Construction Notes (TxDOT)																		
3. 100% Overall Plan/Project Layout																		
4. 100% Roadway Plan & Profile																		
5. 100% Grading & Drainage Plan																		
6. 100% Typical Sections																		
7. 100% Demolition/Removal Plan																		
8. 100% Cross Sections																		
9. 100% Traffic Control Plans (Presuming TxDOT Standard Traffic Control Details are Used)																		
10. 100% Erosion Control Plans																		
11. 100% Erosion Control Details																		
12. 100% Existing Drainage Area Map																		
13. 100% Proposed Drainage Area Map																		
14. 100% Drainage Calculations																		
15. 100% Signing & Striping Plan																		
Assume no additional time for the following items, hours limited to original contract <sup>1</sup> :																		
b. Final Project Manual, Standard Specifications, Special Specifications and Special Provisions																		
c. Final Engineers Estimate of Construction Cost																		
2. QA/QC Review																		
3. Work Product Submittal																		
a. Prepare & Submit Work Product Deliverables to County for Review																		
4. Address any County Review Comments (Up to 1 occurrence)																		
a. Attend Review Comment Resolution Meeting with County (60%)																		
b. Submit Final Work Product Deliverables for Approval																		
5. Track and Report Project Progress																		
a. Provide Monthly Progress Report																		
b. Maintain Project Schedule (Monthly Submittal)																		
<b>Labor Hours - Subtotal</b>																		
<b>Labor Hour Cost</b>																		
<b>Work Product No. 4 - Subtotal</b>																		

FEE SCHEDULE

Prime: HUITT-ZOLLARS

Project: Sonterra Boulevard

	No. of Sheets	Principal In-Charge	QA Manager	Sr. Project Manager	Project Manager	Sr. Civil Engineer	Civil Engineer	Sr. Structural Engineer	Structural Engineer	EIT	Sr. Designer	Designer	Sr. CAD Technician	CAD Technician	Sr Project Support	Project Support	Total Hours	Total Labor Cost
<b>Work Product No. 3 - Bidding and Negotiation Phase (Estimated 30 Calendar Days)</b>																		
1. Provide bidding support services including:																	0	\$0.00
a. Assistance with responding to contractor questions				2		2											4	\$1,100.00
b. Preparing (up to 2) addenda				2		2				2							6	\$1,410.00
2. Track and Report Project Progress																	0	\$0.00
a. Provide Monthly Progress Report (1 Report)				1													1	\$300.00
b. Maintain Project Schedule (Monthly Submittal)(1 Updates)				1													1	\$300.00
<b>Labor Hours - Subtotal</b>	0	0	0	6	0	4	0	0	0	2	0	0	0	0	0	0	12	\$3,110.00
<b>Labor Hour Cost</b>		\$325.00	\$300.00	\$300.00	\$275.00	\$250.00	\$200.00	\$270.00	\$200.00	\$155.00	\$170.00	\$140.00	\$160.00	\$110.00	\$115.00	\$90.00		
<b>Work Product No. 5 - Subtotal</b>		\$0.00	\$0.00	\$1,800.00	\$0.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$310.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$3,110.00
<b>Labor Hours Cost - Grand Total</b>		\$0.00	\$0.00	\$6,675.00	\$0.00	\$16,562.50	\$0.00	\$0.00	\$0.00	\$19,607.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$42,845.00
<b>Other Direct Expenses - Grand Total</b>																		\$500.00
<b>Grand Total</b>																	215.00	\$43,345.00