

BILL NO. S-14-09-04

SPECIAL ORDINANCE NO. S-_____

AN ORDINANCE approving PROFESSIONAL ENGINEERING/DESIGN SERVICES FOR THE N. CLINTON STREET REHABILITATION - COLISEUM BLVD. TO 450' N OF JACOBS CREEK RUN - W/O# 12441 between GAI CONSULTANTS, INC. and the City of Fort Wayne, Indiana, in connection with the Board of Public Works.

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That the PROFESSIONAL ENGINEERING/DESIGN SERVICES FOR THE CLINTON STREET REHABILITATION - COLISEAUM BLVD. TO 450' N OF JACOBS CREEK RUN - W/O# 12441 by and between GAI CONSULTANTS, INC. and the City of Fort Wayne, Indiana, in connection with the Board of Public Works, is hereby ratified, and affirmed and approved in all respects, respectfully for:

All labor, insurance, material, equipment, tools, power, transportation, miscellaneous equipment, etc., necessary for Professional Engineering/Design Services for the N. Clinton Street Rehabilitation - Coliseum Blvd to 450' N of Jacobs Creek Run:

involving a total cost of FOUR HUNDRED FORTY-TWO THOUSAND, NINE HUNDRED NINETY-EIGHT AND 00/100 DOLLARS - (\$442,998.00). A copy of said Contract is on file with the Office of the City Clerk and made available for public inspection, according to law.

SECTION 2. That this Ordinance shall be in full force and effect from and after its passage and any and all necessary approval by the Mayor.

Council Member

APPROVED AS TO FORM AND LEGALITY

Carol Helton, City Attorney

**PROFESSIONAL SERVICES AGREEMENT
DESIGN SERVICES**

**North Clinton Street Rehabilitation - Coliseum Blvd to 450' north of Jacobs Creek Run
("PROJECT")**
Work Order #12441

This Agreement is by and between

CITY OF FORT WAYNE ("CITY")

by and through its

Board of Public Works
Suite 210, Citizens Square
200 East Berry Street
Fort Wayne, IN 46802

and

GAI CONSULTANTS, INC. ("ENGINEER")

1502 Magnavox Way
Fort Wayne, IN 46804
Phone: (260) 969-8800
Fax: (260) 969-8888

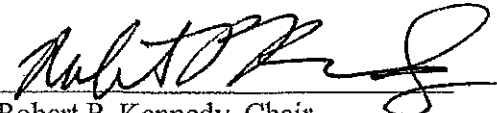
Who agree as follows:

CITY hereby engages ENGINEER to perform the services set forth in Part I - Services ("SERVICES") and ENGINEER agrees to perform the SERVICES for the compensation set forth in Part III - Compensation ("COMPENSATION"). ENGINEER shall be authorized to commence the SERVICES upon execution of this Agreement and written authorization to proceed from CITY. CITY and ENGINEER agree that these signature pages, together with Parts I-IV and attachments referred to therein, constitute the entire Agreement ("AGREEMENT") between them relating to the PROJECT.

APPROVALS

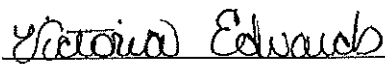
APPROVED FOR CITY

BOARD OF PUBLIC WORKS

BY: 
Robert P. Kennedy, Chair

BY: 
Mike Avila, Member

BY: _____
Kumar Menon, Member

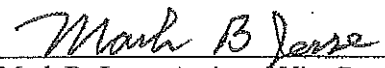
ATTEST: 
Victoria Edwards, Clerk

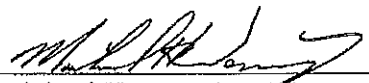
DATE: August 27, 2014

APPROVED as to legality and form

APPROVED FOR ENGINEER

GAI Consultants, Inc.

BY: 
Mark B. Jesse, Assistant Vice President

ATTEST: 
Michael H. Wenning, Director, Transportation Services

DATE: 8-8-2014

PART I

SERVICES

A. GENERAL

ENGINEER shall provide the CITY professional engineering services in the design phase of the PROJECT. These services will include serving as CITY'S professional representative for the PROJECT; providing professional engineering consultation and advice, and furnishing civil, environmental and other customary design services incidental thereto.

B. PROJECT DESCRIPTION

Project will involve the rehabilitation of North Clinton Street between Coliseum Boulevard to 450' north of Jacobs Creek Run in north-central Fort Wayne. The project will include rehabilitation of the existing pavement in some form with resurfacing by the method chosen by the CITY based on review of the recommendations of the ENGINEER.. The road section shall keep its 4-lane section with an asphalt shoulder.. Roadway improvements will be designed as an urban street but without curb and gutter, pedestrian infrastructure, and street lighting. The work shall include a design exception area around St. Joe Center Road. The area from Coliseum to St. Joe Center Rd (Phase I) shall be designed and ready for bidding and construction in the spring of 2015. The area north of St. Joe Center Rd (Phase II) shall be designed and ready for bidding and construction in the spring of 2016.

1. Roadway

Roadway shall be rehabilitated with 11-12 foot travel lanes with 6-8 asphalt shoulder. The method of rehabilitation shall be recommended by the ENGINEER based on a thorough visual and testing evaluation of the existing condition and a life-cycle cost analysis of the alternative evaluated. Road alignment shall generally stay the same except grade changes to accommodate the rehabilitation method chosen and where needed changes can provide better cross road drainage. Pavement shall be designed to City of Fort Wayne Arterial Roadway specifications as a minimum. This section of North Clinton Street is a designated truck route and roadway shall be designed accordingly. The design shall also include exclusive slotted left turn lanes at the Parnell Ave – south entrance of Northcrest Shopping Center, Medical Park Drive-Wakefield Ave, and Auburn Rd-Garden Park Drive. Shoulder work shall also include a 5' bike lane in both direction where possible.

2. Drainage design

Engineer shall perform a watershed area and drainage review to determine if any new storm sewers are needed along with sizing and inlet spacing. All runoff shall be directed to either Stoney Run Creek, Natural Drain #9, or Beckett Run ND. All drainage analyses and calculations shall be done in accordance with City Utilities Engineering Design Standards Manual and Master Specifications. All stormwater facilities details shall be in accordance with the aforementioned documents. All drainage calculations and analyses shall be submitted for review by City Utilities.

3. Landscape architecture

Engineer shall provide landscaping plan which includes street trees and other recommended plantings of the available green spaces in conjunction with any green alternatives included in the project scope. All plantings and trees shall be coordinated with City of Fort Wayne Parks Department Arborist and Landscape Architect.

4. Green infrastructure

Green infrastructure initiatives shall be incorporated into the design which will be aimed at capturing/reducing runoff as well as treating the first 1-inch of rainfall on site prior to discharge to the Stoney Run Creek, Natural Drain #9, or Beckett Run ND. Engineer shall recommend green infrastructure alternatives to the City with costs and benefits including maintenance costs. City encourages creative ideas provided they do not pose significant maintenance issues. Prior to development of details, the Engineer shall provide recommended green infrastructure alternatives to the City for discussion. These options may be in the form of samples images, renderings, technical drawings, or specifications such that City staff can fully understand the proposed ideas. These ideas shall be presented along with initial and recurring costs and a recommendation will be made to the City. City staff will evaluate and select a recommended plan as proposed or with possible revisions. Engineer shall complete the design of the selected green infrastructure initiatives once all revisions have been evaluated.

5. Traffic signals, signs and pavement markings

Engineer shall incorporate the modification of traffic signals within the project limits if necessary. The intent is not to needed any modifications unless the rehabilitation method requires it for temporary MOT or permanent alterations are determined necessary due to the rehabilitation method chosen. All detection shall be wireless. Traffic signal interconnection shall be wireless. All pavement markings shall be included in the design. Pavement markings are to be epoxy paint on both asphalt pavement and concrete pavement.

6. Utility coordination

Engineer shall coordinate with all existing utilities. While all efforts are to be made to minimize relocation of utilities, if necessary Engineer shall coordinate the development of relocation plans.

7. Public participation

Engineer shall participate in no less than two public meetings, and shall develop an appropriate number of perspective renderings and other visual aids to illustrate the proposed project design. These meetings will be held at a location near the project limits or at Citizen's Square.

8. Right-of-way

All work shall be designed so as to stay within the existing road right-of-way. No right-of-way engineering services shall be necessary for this PROJECT.

9. Maintenance of traffic

Engineer shall develop maintenance of traffic plans such that two-way traffic will be maintained on North Clinton Street as well as access to all public streets and properties shall be maintained at all times during construction.

10. Permitting

Engineer shall obtain all necessary permits prior to completion of design services. Required permits as follows:

1. IDEM – Section 401 Water Quality Certification
2. IDEM – Rule 5 Erosion Control Plan

C. SCOPE OF WORK

The duty of the ENGINEER is to design approved improvements; develop construction drawings, specifications and special provisions. The final construction documents shall be stamped by a Registered Professional Engineer, licensed in the state of Indiana and employed by the ENGINEER. The tasks identified for this project are provided in Attachment 1 – Scope of Services Fee Proposal. The ENGINEER shall develop and provide the following services associated with those tasks:

Project Schedule and Review Meetings

- 1.1 Prepare and update quarterly the project design schedule.
- 1.2 Keep the minutes of the Review and Coordination Meetings and distribute these minutes within 7 days of the Review Meeting.

Data Collection and Field Survey

- 2.1 Research CITY documents for existing mapping, utility information, as-built drawings, information management system and other pertinent data. (City will provide available information)
- 2.2 Identify utilities and their apparent location from Utility maps.
- 2.3 Check conflicts with any other proposed projects in the immediate area.

- 2.4 Contact all utility companies and have the underground utilities field marked along the selected route. (Coordinate with IUPPS)
- 2.5 Complete a field survey.

Preliminary Design Stages

Develop and submit preliminary design plans at 30%, 60% and 90% design stages as follows:

- 3.1 Prepare existing site drawings. (See Transportation Engineering Services, Drafting Standards)
- 3.2 Provide a utility location plan indicating apparent conflict areas.
- 3.3 Address apparent utility conflicts.
- 3.4 Compile additional data as needed.
- 3.5 Advise CITY of need for additional data relative to exploratory digs, pavement cores, soil borings and geotechnical evaluation issues all in accordance with good engineering practices. Provide a plan indicating recommended exploratory digs, pavement corings, soil borings and any areas of special interest prior to performing work. Fee for additional data work proposed shall be approved prior to commencing with the work.
- 3.6 Determine the final location of the proposed improvements, any permanent or temporary right-of-way or easement requirements.
- 3.7 Select construction materials and products to be used on this project after review with the City.
- 3.8 Prepare Preliminary Design Drawings and submit two (2) paper sets of plans and one (1) electronic version of the project drawings (AUTOCAD version 13 and PDF) for each design phase. Incorporate all design improvements.
- 3.9 Prepare outline of specifications or reference standard specifications to supplement CITY standards.
- 3.10 Prepare estimate of quantities and estimate of construction costs.
- 3.11 Attend Preliminary Design Review Meetings with each submittal.
- 3.12 Attend two public meetings to present and solicit public input on project.
- 3.13 Comments received from each design submittal shall be addressed with the next submittal.

Final Design

- 4.1 Prepare draft specifications for the improvements, including special provisions and necessary details to supplement CITY standards.

- 4.2 Prepare final design drawings. Incorporate comments received during the review meetings and routings.
- 4.3 Update summary of project quantities.
- 4.4 Upon approval of Final Design drawings and project specifications, prepare and submit one (1) set of stamped plans, itemized bid, special provisions and itemized engineers estimate and electronic version of the project drawings (AUTOCAD version 13 and PDF) and documents (Microsoft WORD).

Bidding

- 5.1 Attend Pre-bid Meeting.
- 5.2 Respond to questions from bidders and manufacturer representatives during bidding as requested by CITY. Responses requiring additional information or clarification not found within the bid documents shall ONLY be addressed by addendum.
- 5.3 Prepare addenda, as needed to interpret, clarify or expand bid documents. CITY to issue addenda.
- 5.4 Review and tabulate bids and make recommendation regarding construction contract award to the CITY.

D. SCHEDULE

The project will be completed per attached design schedule. This schedule is based on receiving a Notice to Proceed by September 1, 2014 and receiving prompt review and approvals from CITY.

<u>ACTIVITY</u>	<u>DAYS</u>
Field Survey	60 days following Notice to Proceed
Preliminary Design	150 days following Notice to Proceed
Final Design	60 days following approval of Preliminary Plans
Bidding	45 days following approval of Final Plans

PART II

CITY'S RESPONSIBILITIES

City shall, at its expense, do the following in a timely manner so as not to delay the SERVICES:

A. INFORMATION REPORTS/CITY UTILITY MAPS/AERIAL MAPS/CONTOUR MAPS

Make available to ENGINEER reports, studies, regulatory decisions and similar information relating to the SERVICES that ENGINEER may rely upon without independent verification unless specifically identified as requiring such verification.

Provide ENGINEER with electronic copies of existing CITY utility maps, aerial maps and contour maps that are readily available.

B. REPRESENTATIVE

Designate a representative for the project who shall have the authority to transmit instructions, receive information, interpret and define CITY'S requirements and make decisions with respect to the SERVICES. The CITY representative for this AGREEMENT will be Shan Gunawardena, City Engineer.

C. DECISIONS

Provide all criteria and full information as to CITY'S requirements for the SERVICES and make timely decisions on matters relating to the SERVICES.

PART III

COMPENSATION

A. COMPENSATION

Compensation for services performed in accordance with Part I – SERVICES of this Agreement will be based on hours actually spent and expenses actually incurred with a not-to-exceed engineering fee of \$442,998.00 as summarized in attached Attachment 1. Please note that there is a \$ 30,000 work allowance included in the engineering fee for this project.

ENGINEER's costs will be based on the hours incurred to complete the project times the hourly rates of the various personnel, per Attachment # 2 – Employee Hourly Rate Schedule. All reimbursable costs incurred for the Project will be invoiced at actual cost.

Payment for outside consulting and/or professional services such as Geotechnical, Registered Land Surveyor for casement preparation, or Legal Services performed by a Subconsultant at actual cost to ENGINEER plus ten percent (10%) for administrative costs. The ENGINEER will obtain written CITY approval before authorizing these services.

B. BILLING AND PAYMENT

1. Timing/Format

- a. ENGINEER shall invoice CITY monthly for SERVICES **completed** at the time of billing. Such invoices shall be prepared in a form and supported by documentation as CITY may reasonably require.
- b. CITY shall pay ENGINEER within 30 days of receipt of valid approved invoice.

2. Billing Records

ENGINEER shall maintain accounting records of its costs in accordance with generally accepted accounting practices. Access to such records will be provided during normal business hours with reasonable notice during the term of this Agreement and for 3 years after completion.

PART IV STANDARD TERMS AND CONDITIONS

1. **STANDARD OF CARE.** Services shall be performed in accordance with the standard of professional practice ordinarily exercised by the applicable profession at the time and within the locality where the services are performed. No warranty or guarantee, express or implied, are provided, including warranties or guarantees contained in any uniform commercial code.

2. **CHANGE OF SCOPE.** The scope of Services set forth in this Agreement is based on facts known at the time of execution of this Agreement, including, if applicable, information supplied by ENGINEER and CITY. ENGINEER will promptly notify CITY of any perceived changes of scope in writing and the parties shall negotiate modifications to this Agreement.

3. **SAFETY.** ENGINEER shall establish and maintain programs and procedures for the safety of its employees. ENGINEER specifically disclaims any authority or responsibility for general job site safety and safety of persons other than ENGINEER employees.

4. **DELAYS.** If events beyond the control of ENGINEER, including, but not limited to, fire, flood, explosion, riot, strike, war, process shutdown, act of God or the public enemy, and act or regulation of any government agency, result in delay to any schedule established in this Agreement, such schedule shall be extended for a period equal to the delay. In the event such delay exceeds 90 days, ENGINEER will be entitled to an equitable adjustment in compensation.

5. **TERMINATION/SUSPENSION.** Either party may terminate this Agreement upon 30 days written notice to the other party in the event of substantial failure by the other party to perform in accordance with its obligations under this Agreement through no fault of the terminating party. CITY shall pay ENGINEER for all Services, including profit relating thereto, rendered prior to termination, plus any expenses of termination.

ENGINEER or CITY, for purposes of convenience, may at any time by written notice terminate the services under this Agreement. In the event of such termination, ENGINEER shall be paid for all authorized services rendered prior to termination including reasonable profit and expenses relating thereto.

6. **REUSE OF PROJECT DELIVERABLES.** Reuse of any documents or other deliverables, including electronic media, pertaining to the Project by CITY for any purpose other than that for which such documents or deliverables were originally prepared, or alteration of such documents or deliverables without written verification or adaptation by ENGINEER for the specific purpose intended, shall be at CITY's sole risk.

7. **OPINIONS OF CONSTRUCTION COST.** Any opinion of construction costs prepared by ENGINEER is supplied for the general guidance of the CITY only. Since ENGINEER has no control over competitive bidding or market conditions, ENGINEER cannot guarantee the accuracy of such opinions as compared to contract bids or actual costs to CITY.

8. **RELATIONSHIP WITH CONTRACTORS.** ENGINEER shall serve as CITY's professional representative for the Services, and may make recommendations to CITY concerning actions relating to CITY's contractors, but ENGINEER specifically disclaims any authority to direct or supervise the means, methods, techniques, sequences or procedures of construction selected by CITY's contractors.

9. **MODIFICATION.** This Agreement, upon execution by both parties hereto, can be modified only by a written instrument signed by both parties.

10. **PROPRIETARY INFORMATION.** Information relating to the Project, unless in the public domain, shall be kept confidential by ENGINEER and shall not be made available to third parties without written consent of CITY.

11. **INSURANCE.** ENGINEER shall maintain in full force and effect during the performance of the Services the following insurance coverage; provided, however, that if a High Risk Insurance Attachment is attached hereto, the requirements of the High Risk Insurance Attachment shall be substituted in lieu of the following requirements:

- a) Worker's Compensation per statutory requirements
- b) General Liability \$1,000,000 minimum per occurrence/ \$1,000,000 aggregate (if the value of the projects exceeds \$10,000,000 then this shall be \$5,000,000 aggregate).
- c) Automobile Liability \$1,000,000 per occurrence
- d) Products Liability \$1,000,000 per occurrence
- e) Completed Operations Liability \$1,000,000 minimum per occurrence

The Certificate of Insurance must show the City of Fort Wayne, its Divisions and

Subsidiaries as an Additional Insured and a Certificate Holder, with 30 days notification of cancellation or non-renewal. All Certificates of Insurance should be sent to the following address:

City of Fort Wayne Purchasing Department
200 East Berry Street, Suite 490
Fort Wayne, IN 46802

12. **INDEMNITIES.** To the fullest extent permitted by law, ENGINEER shall indemnify and save harmless the City from and against loss, liability, and damages sustained by CITY, its agents, employees, and representatives by reason of injury or death to persons or damage to tangible property to the extent caused directly by the negligent errors or omissions of ENGINEER, its agents or employees.

13. **LIMITATIONS OF LIABILITY.** Each party's liability to the other for any loss, cost, claim, liability, damage, or expense (including attorneys' fees) relating to or arising out of any negligent act or omission in its performance of obligations arising out of this Agreement, shall be limited to the amount of direct damage actually incurred. Absent gross negligence or knowing and willful misconduct which causes a loss, neither party shall be liable to the other for any indirect, special or consequential damage of any kind whatsoever.

14. **ASSIGNMENT.** The rights and obligations of this Agreement cannot be assigned by either party without written permission of the other party. This Agreement shall be binding upon and insure to the benefit of any permitted assigns.

15. **ACCESS.** CITY shall provide ENGINEER safe access to any premises necessary for ENGINEER to provide the Services.

16. **PREVAILING PARTY LITIGATION COSTS.** In the event any actions are brought to enforce this Agreement, the prevailing party shall be entitled to collect its litigation costs from the other party.

17. **NO WAIVER.** No waiver by either party of any default by the other party in the performance of any particular section of this Agreement shall invalidate another section of this Agreement or operate as a waiver of any future default, whether like or different in character.

18. **SEVERABILITY.** The various term, provisions and covenants herein contained shall be deemed to be separate and severable, and the invalidity or unenforceability of any of them shall not affect or impair the validity or enforceability of the remainder.

19. **AUTHORITY.** The persons signing this Agreement warrant that they have the authority to sign as, or on behalf of, the part for whom they are signing.

20. **STATUTE OF LIMITATION.** To the fullest extent permitted by law, parties agree that, except for claims for indemnification, the time period for bringing claims regarding ENGINEER's performance under this Agreement shall expire one year after Project Completion.

21. **CONSENT DECREE NOTIFICATION.** ENGINEER shall perform, or cause others to perform, all services undertaken in connection with this Agreement in a good and workman-like manner and in conformance with the terms of the Consent Decree entered in the U.S District Court on April 1, 2008 by the United States and State of Indiana. ENGINEER acknowledges that it has been provided a complete copy of the Consent Decree which can be viewed at:
http://www.cityoffortwayne.org/utilities/images/stories/docs/consent_decree/Consent_Decree.pdf

22. **DOCUMENT RETENTION.** Notwithstanding any other provision of this Agreement, ENGINEER agrees to preserve all non-identical copies of all documents, records and other information (whether in physical or electronic form) within ENGINEER's possession or control and which relate, in any manner, to the performance of the services undertaken in connection with this Agreement for a period of 1 year after the completion contemplated by the Agreement (the "Retention Period"). Prior to the end of the Retention Period, or at any earlier time if requested by the CITY, ENGINEER shall provide the CITY with complete copies of such documents, records and other information at no cost to the CITY. The copies shall be provided to the CITY on CD or DVD media, and individual files shall be in Adobe PDF format. The individual files shall be contained in a ZIP formatted file, and the filename of the ZIP shall include the name of the project and the ENGINEER. No part of any file shall be encrypted or protected from copying. Such copies shall be accompanied by a verified written statement from the ENGINEER attesting that it has provided the CITY with complete copies of all documents, records and other information which relates to the service contemplated by the Agreement.

Attachment 1 – Scope of Services Fee Proposal for North Clinton Street Rehabilitation

	Fee	Item Cost	Section Cost	Item Manhours	Section Manhours
<u>Topographic Survey</u>		\$34,800.00	\$34,800.00	386	386
<u>Design Elements</u>					
Pavement Evaluation	Fee:	\$66,148.00		336	
Roadway Design	Fee:	\$155,530.00		1240	
Drainage	Fee:	\$3,345.00		25	
Landscape architecture - Streetscape Plan development	Fee:	\$5,820.00		34	
Landscape architecture - Design of first section of streetscape	Fee:	\$4,680.00		32	
Green infrastructure - Alternatives Report development	Fee:	\$8,920.00		60	
Green infrastructure - Selected alternatives design	Fee:	\$11,560.00		84	
Traffic signals, signs, lighting, markings	Fee:	\$40,260.00		335	
Sub Total			\$296,263.00		1810
<u>Utility Coordination</u>	Fee	\$8,925.00	\$8,925.00	70	70
<u>Public Participation</u>	Fee	\$3,690.00	\$3,690.00	18	18
<u>Maintenance of Traffic</u>	Fee	\$9,250.00	\$9,250.00	80	80
<u>Permitting</u>	Fee	\$7,430.00	\$7,430.00	55	55
<u>Other Contract documents</u>					
Preparation of Specifications	Fee:	\$1,765.00		11	
Preparation of Special provisions	Fee:	\$3,705.00		24	
Preparation of quantity take-offs	Fee:	\$12,070.00		83	
Preparation of line item construction cost estimate	Fee:	\$2,820.00		22	
Sub Total			\$20,360.00		140
<u>Bidding</u>					
Attend prebid meeting	Fee:	\$4,380.00		12	
Respond to questions from bidders	Fee:	\$4,080.00		12	
Prepare addenda as needed	Fee:	\$4,240.00		13	
Review and tabulate bids and make recommendations to City	Fee:	\$2,780.00		8	
Sub Total			\$15,480.00		45
<u>Construction</u>					
Attend pre-construction conference	Fee	\$4,380.00		12	
Provide design clarifications to contractor as requested	Fee	\$10,920.00		35	
Sub Total			\$15,300.00		47
<u>Reimbursible Expenses (does not include sub fees included above)</u>	Fee	\$1,500.00	\$1,500.00		
<u>Work Allowance</u>			\$30,000.00		
Total Fee			\$442,993.00		2,651

[1] Provide summary of costs separately

ATTACHMENT 2

2014 EMPLOYEE HOURLY RATE SCHEDULE

Any changes in hourly rates to reflect increases in cost of living, taxes, benefits, etc. will take effect on January 3, 2014. The use of "Engineer" in the titles in the Hourly Rate Schedule applies to professional engineers, geologists, and surveyors. For rate purposes only, the Category also includes other staff members educated and/or trained as engineers, geologists, surveyors, environmental specialists, archaeologists, economists, planners, and others.

Category	Descriptive	Invoice Rate:
E10	Principals, Senior Engineering Directors, Senior Directors, Senior Project Directors	\$ 220.00
E09	Engineering Directors, Directors, Project Directors	\$ 200.00
E08	Assistant Directors, Senior Managers, Senior Technical Managers, Senior Engineering Managers, Senior Project Managers	\$ 190.00
E07	Engineering Managers, Engineering Technical Managers, Engineering Technical Leaders, EIT/EI Leaders, Landscape Architect Managers, Project Managers, Design Managers, Utility Coordination Managers, Senior CEI Managers, Senior Construction Managers, Senior Managers, Senior Scientists, Senior Archaeology Managers, Senior Cultural Resources Managers, Senior Survey Managers, Senior Professional Land Surveyors	\$ 165.00
E06	Assistant Engineering Managers, Assistant Engineering Technical Managers, Assistant EIT/EI Leaders, Assistant Technical Leaders, Assistant Landscape Architect Managers, CEI Managers, Construction Managers, Assistant Project Managers, Managers, Science Managerial Professionals, Planning Managers, Geological Managers, Hydrogeological Managers, GIS Managers, GIS Technical Leaders, Environmental Managers, Environmental Technical Leaders, Wetlands Technical Leaders, Archaeology Managers, Cultural Resources Managers, Cultural Resources Technical Leaders, CAD Managers, Professional Land Surveyors, Lab Managers	\$ 150.00
E05	Senior Project Engineers, Senior Project EIT/EIs, Senior Project Technical Specialists, Senior Project Schedulers, Senior Project Landscape Architects, Senior Project Construction Specialists, Field Crew Supervisors, Assistant Survey Managers, Assistant Survey Project Managers, Assistant Hydrogeological Managers, Assistant Technical Leaders (Scientists), Geological Technical Leaders, Assistant Planning Managers, Assistant Planning Technical Leaders, Assistant GIS Managers, Assistant GIS Technical Leaders, Assistant Environmental Managers, Assistant Environmental Technical Leaders, Assistant Cultural Resources Managers, Assistant Cultural Resources Leaders	\$ 135.00
E04	Project Engineers, Project EIT/EIs, Project Technical Specialists, Project Landscape Architects, Project Schedulers, Project Construction Specialists, Senior Project Hydrogeologists, Senior Project Geologists, Senior Project Materials Specialists, Senior Project GIS Specialists, Senior Project Environmental Specialists, Senior Project Cultural Resources Professionals	\$ 115.00

ATTACHMENT 2

2014 EMPLOYEE HOURLY RATE SCHEDULE

E03	Senior Engineers, Senior EIT/EIs, Senior Technical Specialists, Senior Landscape Architects, Senior Schedulers, Senior Construction Support Specialists, Senior Utility Specialists, Senior Utility Rate & Funding Specialists, Project Hydrogeologist, Project Materials Specialists, Project Planners, Project GIS Specialists, Project Environmental Specialists, Project Cultural Resources Professionals, Lab Supervisors	\$ 100.00
E02	Engineers, EIT/EIs, Technical Specialists, Landscape Architects, Utility & Funding Specialists, Utility Specialists, Construction Support Specialists, Senior Geological Specialists, Senior Materials Specialists, Senior Planners, Senior GIS Specialists, Senior Environmental Specialists, Senior Cultural Resources Specialists, Assistant Lab Supervisors	\$ 85.00
E01	Geological Specialists, Materials Specialists, Land Specialists, Planners, GIS Specialists, Environmental Specialists, Archeologists, Architectural Historians, Cultural Resources Specialists	\$ 65.00

The Non-exempt personnel categories shown below are subject to overtime rate.

Category	Descriptive	Invoice Rate:
N08	Senior Lead Project Designers, TCM-2 (CMS), TCIS-3 (CMS)	\$ 130.00
N07	Senior Lead Designers, TCM-1(CMS), TCIS-2 (CMS)	\$ 115.00
N06	CI-2 (CMS), TCI-3 (CMS), Senior CEI - CSS, TCIS-1 (CMS), Lead Designers, Senior Lead Business/Technical Coordinators, Senior Lead Project Administrative Assistants, Senior Lead Office Coordinators	\$ 110.00
N05	TCI-2 (CMS), CEI - CSS, Senior Inspectors (FL Only), Senior Survey Crew Chiefs, Senior Lead Cultural Resources Technician, Senior Designers, Senior Lead CAD Operators, Lead Business & Technical Coordinators, Senior Lead Administrative Assistants, Lead Office Coordinators	\$ 100.00
N04	TCI-1 (CMS), Senior Lead Construction Technicians, Senior Lead Technicians, Survey Crew Chiefs, Senior Lead Cultural Resources Technician, Designers, Lead CAD Operators, Lead Administrative Assistants, Senior Office Coordinators, Project Coordinators	\$ 90.00
N03	Lead Construction Technicians, TA-1 (CMS), Lead Technicians, Lead Survey Technicians, Lead CR Technicians, Senior CAD Operators, Business & Administrative Coordinators, Senior Administrative Assistants, Office Coordinators	\$ 75.00
N02	Senior Construction Technicians, Senior Technicians, Senior Survey Technicians, Senior Cultural Resources Technicians, CAD Operators, Administrative Assistants, Senior Office Assistants	\$ 65.00
N01	Construction Technicians, Technicians, Survey Technicians, Cultural Resources Technicians, Office Assistants	\$ 50.00

GAI Indiana Operations Municipal Fee Estimating Spreadsheet

Last Update: 4/23/2014 With 2014 Indiana Billing Rates

Clinton Street Topographic Survey 8/8/2014

Job No. D140897.00

<u>PROJECT FEE</u>		<u>\$34,800</u>
<u>Task Description</u>	<u>Hours</u>	<u>Task Fee</u>
Survey		
HOURS	386	
COST		\$34,800
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
TOTALS	386	\$34,800

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$160	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$85
Clinton Street Topographic Survey			Key Staff: Mark Jesse, Mike Wenning	Key Staff: Dave Vomdrian	Key Staff: Mark Young, Brian Neilson	Key Staff: Gary Randle, Dave Croft, Mike Stiffer	Key Staff: Erin Wenger	Key Staff: Joe Dziuzak				Key Staff: Gary Neumann	Key Staff: Scott Randle	
TASK Survey From Colliseum Blvd E to Jacobs Creek Run (12,570 LF - 1958 Highway Plans)														
WORK ACTIVITIES														
MANHOURS	Section Corners											8		
	Set/Witness Control											4	4	
	Level Circuit											16	16	
	Recon-Monumentation											4	4	
	Structures-Measure Downs (50 Structures at Intersection Locations x.25/hr per structure(2											12	12	
	Data Collection-100' Cross Sections Job Wide (2 Man)											32	32	
	Full Data Collection-Intersection Wakefield Ave & Medical Park Drive (2 Man)											12	12	
	Full Data Collection-Intersection Parnell Ave & Northcrest South Entrance (2 Man)											12	12	
	Full Data Collection-Intersection Auburn Rd & Garden Park (2 Man)											8	8	
	Re-Establish Road Alignment per 1958 Plans - Field Time											16	16	
	Re-Establish Road Alignment per 1958 Plans - Office Time					16						16		
	Data Collection-Marked Utilities Job Wide (2 Man)											24	24	
	Utility Coordination-Call in Locates Indiana 811											4		
	CADD Clean-up											40		
	Supervision/Coordination/Check					16								
	QA/QC					4						2		
TOTAL HOURS:			0	0	0	36	0	0	0	0	0	210	140	0

TOTAL LABOR COST: \$34,800

Expense fees

Travel

400 Miles at

\$0.560

\$224.00

Printing Cost

Lodging

Per Diem

 days at

\$35.00

\$0.00

Consultants

Soils

Structural

Electrical

Other

SubTotal

\$224.00

Mark up

0.00%

\$0.00

Total

\$224.00

Last Update: 4/23/2014 With 2014 Indiana Billing Rates

8/8/2014

D140897.00

<u>PROJECT FEE</u>		<u>\$296,263</u>
<u>Task Description</u>	<u>Hours</u>	<u>Task Fee</u>
Pavement Evaluation		
HOURS	336	
COST Transtec		\$49,240
10% Mark-up		\$4,924
COST GME		\$10,895
10% Mark-up		\$1,089
TOTAL COST		\$66,148
Roadway Design		
HOURS	1240	
COST GAI		\$93,930
COST DLZ		\$56,000
10% Mark-up		\$5,600
TOTAL COST		\$155,530
Drainage		
HOURS	25	
COST		\$3,345
Landscape Arch Streetscape Pln. Dvlpmnt		
HOURS	34	
COST		\$5,820
Landscape Arch Des of 1st Strtscp Section		
HOURS	32	
COST		\$4,680
Green Infrastructure Alternatives Report		
HOURS	60	
COST		\$8,920
Green Infrastructure Selected Alts Design		
HOURS	84	
COST		\$11,560
Traffic Signals, Lighting, Markings		
HOURS	335	
COST		\$40,260
TOTALS	2146	\$296,263

[illegible]

TOTAL COST: \$66,148

Transtec Group	\$54,164
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GME Testing	\$11,984
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		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Design Elements														
TASK														
Roadway Design														
WORK ACTIVITIES														
M A N H O U R S	Project Management		20	40	20									
	Project Kick-Off Meeting (with City)		1	1	1									
	Prepare Work Plan		1	1	4									
	Team Kick-Off Meeting (Internal)		1	1	2	2	1	1					1	
	Process Survey & Check Survey Notes				4	8		8						
	Plot Survey to Plan Sheets												20	
	Preliminary Title Sheet & Index Sheet												2	
	Preliminary Typical Cross Section				2	8							4	
	Preliminary Plan & Profile Sheet				2	16		16					24	
	Preliminary Detail Sheets				2	16		16					24	
	Preliminary Approach, Drive & Intersection Details				2	16		16					24	
	Preliminary Cross Section Sheets				1	2		2					16	
	QA/QC		1	2	4									
	30% REVIEW SUBMISSION													
	Revise plans per 30% Review		1	2	4	8		8					16	
	Roadside Safety Design					16								
	Pre-final Typical Cross Section				2	8							16	
	Pre-final Plan & Profile Sheet				2	16		16					24	
	Pre-final Detail Sheets				2	16		16					24	
	Pre-final Approach, Drive & Intersection Details				2	16		16					24	
	Pre-final Temporary Erosion Control Plans				2	24		24					24	
	Pre-final Road Summary Sheet							2					2	
	Pre-final Structure Data Sheet				2	12		6					2	
	Pre-final Approach Table							2					2	
	Pre-final Plot of Final Cross Sections				2	8		8					16	
	Field Check			8	8			4						
	QA/QC		1	2	4									
	60% REVIEW SUBMISSION													
	Revise Plans per Field Check & 60% Comments		1	2	4	8		8					16	
	Finalize Title Sheet		1		1								2	
	Final Typical Cross Section				2	12							16	
	Final Plan & Profile Sheet				2	16		16					24	
	Final Detail Sheets				2	16		16					24	
	Final Approach, Drive & Intersection Details				2	16		16					24	
	Final Temporary Erosion Control Plans				2	16		16					16	
	Final Underdrain Table				1	4		16					16	
	Final Misc. Tables				1	2		2					4	
	Final Road Summary Sheet							1					1	
	Final Structure Data Sheet					1		1					1	
	Final Approach Table							1					1	
	Final Cross Sections				2	8		16					24	
	QA/QC		1	2	4									
	90% REVIEW SUBMISSION													
	Revise Plans per 90% Review		1	2	4	8		8					16	
	QA/QC		2	8	8									
	FINAL TRACING SUBMITTAL													
TOTAL HOURS:			32	71	109	209	1	278	0	0	0	0	450	0

TOTAL LABOR COST: \$149,930
 GAI Consultants \$99,930
 DLZ \$56,000
 10% Mark-up \$5,600
 Total \$165,530

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Design Elements		Key Staff: Mark Jesse, Mike Wenning		Key Staff: Dave Vorndran	Key Staff: Mark Young, Brian Neilson	Key Staff: Gary Randle, Dave Croft, Mike Siffer	Key Staff: Erin Wenger	Key Staff: Joe Druzak						
TASK														
Drainage														
WORK ACTIVITIES														
MAN HOURS	watershed delineation			1		8						4		
	Capacity check			1		4								
	summary and curb appeal			1		4								
TOTAL HOURS:		0	0	5	0	16	0	0	0	0	0	4	0	0

		Classification	E10	E09	E07	E08	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Design Elements														
TASK Landscape Arch Streetscape Pln. Dvlpmnt														
WORK ACTIVITIES														
MAN HOURS	GI Report Narrative	Key Staff: Mark Jesse, Mike Wenning		4	2									
	GI Renderings	Key Staff: Dave Vorndran, Dave Gilmore		16	2							8		
	QA/QC	Key Staff: Mark Young, Brian Neilson	2											
		Key Staff: Gary Handia, Dave Croft, Mike Siffer												
		Key Staff: Erin Wenger												
		Key Staff: Joe Duzak												
	TOTAL HOURS:		2	20	4	0	0	0	0	0	0	8	0	0

TOTAL LABOR COST: \$5,820

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Design Elements			Key Staff: Mark Jesse, Mike Wenning	Key Staff: Dave Vorndran, Dave Gilmore	Key Staff: Mark Young, Brian Neilson	Key Staff: Gary Randle, Dave Croft, Mike Siffer	Key Staff: Erin Wenger	Key Staff: Joe Druzak						
TASK Landscape Arch Des of 1st Striscp Section														
WORK ACTIVITIES														
MAN HOURS	GI layout and design plans and details			8										
				4								16		
	Meetings Internal			2										
	QA/QC		2											
TOTAL HOURS:			2	14	0	0	0	0	0	0	0	16	0	0

TOTAL LABOR COST: \$4,680

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Design Elements														
TASK Green Infrastructure Alternatives Report														
WORK ACTIVITIES														
MANHOURS		Key Staff: Mark Jesse, Mike Wenning												
		Key Staff: Dave Vorndran												
		Key Staff: Mark Young, Brian Neilson												
		Key Staff: Gary Randle, Dave Croft, Mike Slifer												
		Key Staff: Erin Wenger												
		Key Staff: Joe Dziuzak												
	Evaluation of Clinton Avenue segments				4		4							
	GI Alternative Options				4		4							
	Existing Drainage System Eval (no modeling)				2		2							
	Cost opinion of Alternatives				4		8							
	Report preparation											4		
	Narrative				4		8							
	Renderings													
	Meetings													
	Internal				2		2							
	City (without travel)				2		2							
QA/QC			4											
TOTAL HOURS:			4	0	22	0	30	0	0	0	0	4	0	0

TOTAL LABOR COST: \$8,920

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$185	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Design Elements														
TASK Green Infrastructure Selected Alls Design														
WORK ACTIVITIES														
M A N H O U R S	GI layout and design plans and details			24		16						24		
	Integration to Drainage system			4		4								
	Meetings													
	Internal			2		2								
	City (without travel)			2		2								
	QA/QC	4												
	TOTAL HOURS:	4	0	32	0	24	0	0	0	0	0	24	0	0

TOTAL LABOR COST: \$11,560

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Design Elements														
TASK														
Traffic Signals, Lighting, Markings														
WORK ACTIVITIES														
M N H O U R S	Pavement Marking Plan Sheets													
	Phase 1 (5500 feet)					6		16				20		
	Phase 2 (6500 feet)					6		16				20		
	Address Review Comments Phase 1					2		4				6		
	Address Review Comments Phase 2					2		4				6		
	QC/QA	1				2								
	Traffic Signalization Stage 2													
	Signalization Plan Sheets Phase 1					16						32		
	Signalization Plan Sheets Phase 2					4						6		
	Signal Design Phase 1					16								
	Signal Design Phase 2					4								
	Traffic Signal Wiring / Loop Design Phase 1					16								
	Traffic Signal Wiring / Loop Design Phase 2					4								
	QC/QA	1				4								
	Traffic Signalization Stage 3													
	Address Review Comments Phase 1					6						6		
	Address Review Comments Phase 2					4						4		
	Signalization Plan Sheets Phase 1					12						6		
	Signalization Plan Sheets Phase 2					4						2		
	QC/QA	1				2								
	Traffic Signalization Final Tracings													
	Address Review Comments Phase 1					4						6		
	Address Review Comments Phase 2					2						4		
	Signalization Plan Sheets Phase 1					2						2		
	Signalization Plan Sheets Phase 2					2						2		
	QC/QA	1				2								
	Lighting Design and Plans Stage 2													
	Plan Preparation Phase 1					1		2				2		
	Plan Preparation Phase 2					1		2				2		
	QC/QA	1												
	Lighting Design and Plans Stage 3													
	Address Review Comments Phase 1							1				1		
	Address Review Comments Phase 2							1				1		
	Plan Preparation Phase 1					1		2				2		
	Plan Preparation Phase 2					1		2				2		
	QC/QA	1												
	Lighting Design and Plans Final Tracings													
	Address Review Comments Phase 1							1				1		
	Address Review Comments Phase 2							1				1		
	Final Plans Phase 1					1		2				2		
	Final Plans Phase 2					1		2				2		
	QC/QA	1												
TOTAL HOURS:			7	0	0	130	0	56	0	0	0	142	0	0

TOTAL LABOR COST: \$40,260

Expense fees

Travel			
	800 Miles at	\$0.560	<u>\$448.00</u>
Printing Cost			<u>\$400.00</u>
Lodging			<u> </u>
Per Diem			<u> </u>
	_____ days at	\$35.00	<u>\$0.00</u>
<i>Subtotal</i>			<u>\$848.00</u> <u>\$848.00</u>

<u>Consultants</u>	<u>Fee</u>	<u>Mark-up (10%)</u>	<u>Cost</u>
DLZ; Roadway Design	\$56,000.00	\$5,600.00	\$61,600.00
Transtec Group; Pavement Eval and Design	\$49,240.00	\$4,924.00	\$54,164.00
GME Testing; Pavement & Geotech Inv.	\$10,895.00	\$1,089.00	\$11,984.00
<i>Subtotal</i>			<u>\$127,748.00</u>
<u>Total Reimbursable Expenses</u>			<u>\$128,596.00</u>

GAI Indiana Operations Municipal Fee Estimating Spreadsheet

Last Update: 4/23/2014 With 2014 Indiana Billing Rates

Clinton Street Utility Coordination 8/8/2014

Job No. D140897.00

<u>PROJECT FEE</u>		<u>\$8,925</u>
<u>Task Description</u>	<u>Hours</u>	<u>Task Fee</u>
Utility Coordination - Phase 1		
HOURS	33	
COST		\$4,145
Utility Coordination - Phase 2		
HOURS	9	
COST		\$1,140
Utility Coord. - Work Plan Request - Phase 1		
HOURS	14	
COST		\$1,820
Utility Coord. - Work Plan Request - Phase 2		
HOURS	14	
COST		\$1,820
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
TOTALS	70	\$8,925

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Utility Coordination														
TASK														
Utility Coordination - Phase 1														
WORK ACTIVITIES														
M A N H O U R S	Utility Research													
	Contact City for known utilities							1						
	Contact Indiana 811							1						
	Acquire utility contact information							2						
	Initial Notice													
	Project Notification Letter							4						
	Project Location Map							2						
	Obtain Utility Maps							2						
	Survey Coordination	1				1		1						
	Location Verification													
R S	Verification Letter							4						
	Review responses							2						
	Coordinate with design team	1						2						
	Conflict Review & Identification													
	Conflict Review Letter							4						
	Review Responses							2						
	Coordinate with design team	1						2						
TOTAL HOURS:			3	0	0	1	0	28	0	0	0	0	0	0

TOTAL LABOR COST: \$4,145

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$85
Clinton Street Utility Coordination			Key Staff: Mark Jesse, Mike Wenning	Key Staff: Dave Vorndran	Key Staff: Mark Young, Brian Neilson	Key Staff: Gary Randle, Dave Croft, Mike Stiffer	Key Staff: Erin Wenger	Key Staff: Joe Druzak						
TASK														
Utility Coordination - Phase 2														
WORK ACTIVITIES														
M A N H O U R S	* Utility Research													
	Included in Phase 1													
	* Initial Notice													
	Included in Phase 1													
	* Location Verification													
	Included in Phase 1													
	* Conflict Review & Identification													
	Conflict Review Letter							4						
	Review Responses							2						
	Coordinate with design team		1					2						
	TOTAL HOURS:		1	0	0	0	0	8	0	0	0	0	0	0

TOTAL LABOR COST: \$1,140

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Utility Coordination		Key Staff: Mark Jesse, Mike Wenning												
TASK		Key Staff: Dave Vorndran												
Utility Coord. - Work Plan Request - Phase 1 (If Necessary)		Key Staff: Mark Young, Brian Nelson												
WORK ACTIVITIES		Key Staff: Gary Randle, Dave Croft, Mike Siffer												
M A N H O U R S	Work Plan Request	Key Staff: Erin Wenger												
	Work Plan Request Letter	Key Staff: Joe Druzak					4							
	Work/Relocation Plan review						2							
	Utility Coordination Meeting		2				2							
	Utility Corridor/Master Plan						2							
	Relocation Schedule/Gantt Chart						2							
TOTAL HOURS:			2	0	0	0	0	12	0	0	0	0	0	0

TOTAL LABOR COST: \$1,820

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$80	\$75	\$65
Clinton Street Utility Coordination														
TASK														
Utility Coord. - Work Plan Request - Phase 2 (If Necessary)														
WORK ACTIVITIES														
M A N H O U R S	Work Plan Request													
	Work Plan Request Letter							4						
	Work/Relocation Plan review							2						
	Utility Coordination Meeting	2						2						
	Utility Corridor/Master Plan							2						
	Relocation Schedule/Gantt Chart							2						
TOTAL HOURS:			2	0	0	0	0	12	0	0	0	0	0	0

TOTAL LABOR COST: \$1,820

GAI Indiana Operations Municipal Fee Estimating Spreadsheet

Last Update: 4/23/2014

With 2014 Indiana Billing Rates

Clinton Street Public Participation 8/8/2014

Job No.

D140897.00

PROJECT FEE

\$3,690

Task Description

Hours

Task Fee

Public Participation

HOURS

18

COST

\$3,690

0

HOURS

0

COST

\$0

0

HOURS

0

COST

\$0

0

HOURS

0

COST

\$0

0

HOURS

0

COST

\$0

0

HOURS

0

COST

\$0

Public Participation

HOURS

0

COST

\$0

TOTALS

18

\$3,690

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Public Participation TASK Public Participation			Key Staff: Mark Jesse, Mike Wenning	Key Staff: Dave Vomdian	Key Staff: Mark Young, Brian Neilson	Key Staff: Gary Randle, Dave Croft, Mike Siffer	Key Staff: Erin Wenger	Key Staff: Joe Dziuzak						
WORK ACTIVITIES														
MAN HOURS	Prepare Notices for 2 Public Info Meetings				2									
	Attend 2 Public Info Meetings		8	8										
	TOTAL HOURS:		8	8	2	0	0	0	0	0	0	0	0	0

TOTAL LABOR COST: \$3,690

EXPENSES: \$0

TOTAL COST: \$3,690

Expense fees

Travel

<u>380</u> Miles at	\$0.560	<u>\$212.80</u>
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Printing Cost

Lodging

Per Diem

<u> </u> days at	\$35.00	\$0.00
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Consultants

Soils

Structural

Electrical

Other

SubTotal

\$212.80

Mark up

0.00%

\$0.00

Total

\$212.80

GAI Indiana Operations Municipal Fee Estimating Spreadsheet

Last Update: 4/23/2014 With 2014 Indiana Billing Rates

Clinton Street Maintenance of Traffic 8/8/14

Job No. D140897.00

<u>PROJECT FEE</u>		<u>\$9,250</u>
<u>Task Description</u>	<u>Hours</u>	<u>Task Fee</u>
Maintenance of Traffic		
HOURS	80	
COST		\$9,250
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
TOTALS	80	\$9,250

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Maintenance of Traffic														
TASK														
Maintenance of Traffic														
WORK ACTIVITIES														
M A N H O U R S	Prepare Conceptual MOT Plan for 30% Submittal			1	2	4		4					4	
	Prepare Pre-final MOT Plans for 60% Submittal				2	8		12					16	
	Prepare Final MOT Plans for 90% Submittal				2	8		2					10	
	MOT Tracings				2	2		1					1	
	QA/QC		1	2										
TOTAL HOURS:			1	3	0	22	0	9	0	0	0	0	37	0

TOTAL LABOR COST: \$9,250

Last Update: 4/23/2014 With 2014 Indiana Billing Rates

8/8/2014

D140897.00

\$7,430

Task Fee

\$7,430

\$0

\$0

\$0

\$0

\$0

\$0

\$7,430

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Permits														
TASK														
Permits														
WORK ACTIVITIES														
MAN HOURS		Key Staff: Mark Jesse, Mike Wiemling		Key Staff: Dave Vorndran	Key Staff: Mark Young, Brian Neilson	Key Staff: Gary Randle, Dave Croft, Mike Siffer	Key Staff: Erin Wenger	Key Staff: Joe Druzak						
	IDEM Rule 5				2	12	8						4	
	IDEM 401				2	4	16						4	
	QA/QC			1	2									
	TOTAL HOURS:		0	1	6	16	24	0	0	0	0	0	8	0

TOTAL LABOR COST: \$7,430

Expense fees

Travel

<u>20</u> Miles at	\$0.560	<u>\$11.20</u>
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Printing Cost

Lodging

Per Diem

<u> </u> days at	\$35.00	\$0.00
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Consultants

Soils

Structural

Electrical

Other

SubTotal

\$11.20

Mark up

0.00%

\$0.00

Total

\$11.20

GAI Indiana Operations Municipal Fee Estimating Spreadsheet

Last Update: 4/23/2014

With 2014 Indiana Billing Rates

Clinton St. Other Contract Docs

8/8/2014

Job No.

D140897.00

<u>PROJECT FEE</u>		<u>\$20,360</u>
<u>Task Description</u>	<u>Hours</u>	<u>Task Fee</u>
Specifications		
HOURS	11	
COST		\$1,765
Special Provisions		
HOURS	24	
COST		\$3,705
Quantities		
HOURS	83	
COST		\$12,070
Cost Estimate		
HOURS	22	
COST		\$2,820
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
TOTALS	140	\$20,360

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$160	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton St. Other Contract Docs			Key Staff: Mark Jesse, Mike Wenning	Key Staff: Dave Vorndran	Key Staff: Mark Young, Brian Nelson	Key Staff: Gary Randle, Dave Croft, Mike Siffer	Key Staff: Edin Wenger	Key Staff: Joe Druzak						
TASK														
Specifications														
WORK ACTIVITIES														
MAN HOURS	Preparation of Specifications													
	60%				1	1								
	80%				1	2	1	1						
	Drawings				1	1								
	QA/QC		1	1										
TOTAL HOURS:			1	1	3	4	1	1	0	0	0	0	0	0

TOTAL LABOR COST: \$1,765

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton St. Other Contract Docs														
TASK														
Special Provisions														
WORK ACTIVITIES														
M A N H O U R S	Preparation of Special Provisions													
	60%			4	2	1	1							
	90%			4	4	1	1							
	Tracings			1	1	1	1							
	QA/QC		1	1										
	TOTAL HOURS:		1	1	9	7	3	3	0	0	0	0	0	0

TOTAL LABOR COST: \$3,705

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$185	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton St. Other Contract Docs														
TASK														
Quantities														
WORK ACTIVITIES														
M A N H O U R S	Preparation of quantity take-offs													
	30%		1	2	12		8							
	60%		1	1	2		2							
	90%		1	4	24	2	12							
	Tracings		1	1	4		2							
	QA/QC		1	2										
TOTAL HOURS:			1	6	8	42	2	24	0	0	0	0	0	0

TOTAL LABOR COST: \$12,070

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$185	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton St. Other Contract Docs														
TASK														
Cost Estimate														
WORK ACTIVITIES														
MAN HOURS	Preparation of line item construction cost estimate													
	30%							8						
	60%							1						
	90%							1						
	Tracings							8						
	QA/QC		1	1	2									
TOTAL HOURS:			1	1	2	0	0	18	0	0	0	0	0	0

TOTAL LABOR COST: \$2,820

GAI Indiana Operations Municipal Fee Estimating Spreadsheet

Last Update: 4/23/2014 With 2014 Indiana Billing Rates

Clinton Street Bidding

8/8/2014

Job No.

D140897.00

PROJECT FEE

\$15,480

<u>Task Description</u>	<u>Hours</u>	<u>Task Fee</u>
Prebid Meeting		
HOURS	24	
COST		\$4,380
Bidder Questions		
HOURS	24	
COST		\$4,080
Addenda		
HOURS	26	
COST		\$4,240
Bid Tabs		
HOURS	16	
COST		\$2,780
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
TOTALS	90	\$15,480

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Bidding														
TASK														
Prebid Meeting														
WORK ACTIVITIES														
MAN HOURS	Attend prebid meeting Phase 1			6	6									
	Phase 2			6	6									
TOTAL HOURS:			0	12	12	0	0	0	0	0	0	0	0	0

TOTAL LABOR COST: \$4,380

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$85
Clinton Street Bidding														
TASK														
Bidder Questions														
WORK ACTIVITIES														
M A N H O U R S	Respond to bidder questions	Phase 1	1	1	8	2								
		Phase 2	1	1	8	2								
TOTAL HOURS:			2	2	16	4	0	0	0	0	0	0	0	0

TOTAL LABOR COST: \$4,080

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$80	\$75	\$65
Clinton Street Bidding														
TASK														
Addenda														
WORK ACTIVITIES														
MAN HOURS	Prepare Addenda	Phase 1		1	8	4								
		Phase 2		1	8	4								
TOTAL HOURS:			0	2	16	8	0	0	0	0	0	0	0	0

TOTAL LABOR COST: \$4,240

		Classification	E10	E09	E07	E08	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$185	\$160	\$135	\$115	\$100	\$85	\$100	\$80	\$75	\$65
Clinton Street Bidding			Key Staff: Mark Jesse, Mike Werning	Key Staff: Dave Vorndran	Key Staff: Mark Young, Brian Nelson	Key Staff: Gary Handla, Dave Croft, Mike Sifer	Key Staff: Erin Wenger	Key Staff: Joe Druzak						
TASK														
Bid Tabs														
WORK ACTIVITIES														
MAN HOURS	Review and tabulate bids and make recommendations to the City	Phase 1		2	6									
		Phase 2		2	6									
TOTAL HOURS:			0	4	12	0	0	0	0	0	0	0	0	0

TOTAL LABOR COST: \$2,780

Expense fees

Travel

<u>190</u> Miles at	\$0.560	<u>\$106.40</u>
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Printing Cost

Lodging

Per Diem

<u> </u> days at	\$35.00	\$0.00
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Consultants

Soils

Structural

Electrical

Other

SubTotal

\$106.40

Mark up

0.00%

\$0.00

Total

\$106.40

GAI Indiana Operations Municipal Fee Estimating Spreadsheet

Last Update: 4/23/2014 With 2014 Indiana Billing Rates

Clinton Street Construction Phase 8/8/2014

Job No. D140897.00

<u>PROJECT FEE</u>		<u>\$15,300</u>
<u>Task Description</u>	<u>Hours</u>	<u>Task Fee</u>
Preconstruction Conference		
HOURS	24	
COST		\$4,380
Design Clarifications		
HOURS	70	
COST		\$10,920
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
0		
HOURS	0	
COST		\$0
TOTALS	94	\$15,300

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Construction Phase														
TASK Preconstruction Conference														
WORK ACTIVITIES														
M A N H O U R S	Attend Preconstruction Conference	Key Staff: Mark Jesse, Mike Werning												
	Phase 1	Key Staff: Dave Vomdran		6	6									
	Phase 2	Key Staff: Mark Young, Brian Nelson		6	6									
		Key Staff: Gary Handle, Dave Croft, Mike Sifer												
		Key Staff: Erin Wenger												
		Key Staff: Joe Druzak												
	TOTAL HOURS:		0	12	12	0	0	0	0	0	0	0	0	0

TOTAL LABOR COST: \$4,380

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$185	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Construction Phase			Key Staff: Mark Jesse, Mike Wenning	Key Staff: Dave Vorndran	Key Staff: Mark Young, Brian Neilson	Key Staff: Gary Randle, Dave Croft, Mike Stiffer	Key Staff: Erin Wenger	Key Staff: Joe Dziuzak						
TASK														
Design Clarifications														
WORK ACTIVITIES														
M A N H O U R S	Provide design clarifications to Contractor as requested													
	Phase 1	1	2	16	8	4	4							
	Phase 2	1	2	16	8	4	4							
TOTAL HOURS:			2	4	32	16	8	8	0	0	0	0	0	0

TOTAL LABOR COST: \$10,920

Expense fees

Travel

<u>190</u> Miles at	\$0.560	<u>\$106.40</u>
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Printing Cost

Lodging

Per Diem

_____ days at	\$35.00	\$0.00
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Consultants

Soils

Structural

Electrical

Other

SubTotal

\$106.40

Mark up

0.00%

\$0.00

Total

\$106.40

GAI Indiana Operations Municipal Fee Estimating Spreadsheet

Last Update: 4/23/2014 With 2014 Indiana Billing Rates

Clinton Street Testing

8/8/2014

Job No.

D140897.00

PROJECT FEE

\$10,895

Task Description

Hours

Task Fee

Testing (GME Testing)

HOURS

0

COST

\$10,895

0

HOURS

0

COST

\$0

0

HOURS

0

COST

\$0

0

HOURS

0

COST

\$0

0

HOURS

0

COST

\$0

0

HOURS

0

COST

\$0

0

HOURS

0

COST

\$0

TOTALS

0

\$10,895

		Classification	E10	E09	E07	E06	E05	E04	E03	E02	N05	N04	N03	N02
		Rates	\$220	\$200	\$165	\$150	\$135	\$115	\$100	\$85	\$100	\$90	\$75	\$65
Clinton Street Testing														
TASK														
Testing (GME Testing)														
WORK ACTIVITIES		Quantity	Unit	Unit Cost	Cost									
M A N H O U R S	Pavement Cores	9	Isun	\$1,100.00	\$1,100.00									
	Subbase samples for testing and evaluation	1	Isun	\$750.00	\$750.00									
	DCP testing of subgrade after core and subbase	9	Isun	\$550.00	\$550.00									
	Material from Core holes for CBR testing to determine modulus of subgrade	1	ea.	\$500.00	\$500.00									
	Subgrade Grain Size Analysis, Atterberg limits	3	Isun	\$495.00	\$495.00									
	Traffic Control	2	day	\$1,250.00	\$2,500.00									
	FWD Testing (if req'd.)	1	Isun	\$5,000.00	\$5,000.00									
TOTAL HOURS:					\$10,895.00									

TOTAL COST: \$10,895

DIGEST SHEET

Department: Transportation Engineering

Resolution Number: N/A (W/O# 12441)

Title of Ordinance: N. Clinton Street Rehabilitation – Coliseum Blvd to 450' N of Jacobs Creek Run – (LPA Consultants Agreement – GAI Consultants Inc.)

Awarded To: GAI Consultants Inc.

Amount of Contract:

Agreement fee of \$442,998 which sets the original contract amount of which 100% is locally funded by Bond funds.

Number of Bidders: 6 Proposals

Description of Project (Be Specific):

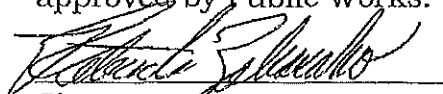
Contract is between the City of Fort Wayne and GAI Consultants Inc. for the Design Engineering services including pavement evaluation, roadway design, drainage, landscape architecture, green infrastructure, traffic signals, markings, utility coordination, public participation, maintenance of traffic, permitting, contract documents, bidding, and construction assistance. Project includes a \$30,000 work allowance.

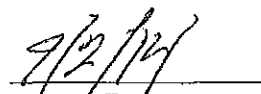
What Are The Implications If Not Approved:

If the project improvements do not occur, the roadway will continue to deteriorate, complaints will increase and public safety will decrease. This project has been in the long range transportation plan for many years and we have received requests for improvements from area residents, commuters and businesses. If this contract is not approved, existing and future traffic conditions will continue to deteriorate.

If Prior Approval Is Being Requested, Justify: N/A

Additional Comments: GAI Consultants Inc. was selected to perform the engineering services on this project through City's Competitive Sealed Proposal process. The request for proposals was sent to all interested consultants and we received six proposals. These proposals were reviewed and scored by City guidelines and GAI Consultants was selected as the most responsive firm. They have been involved with designing many projects for the City of Fort Wayne and we have been pleased with their services. The contract, including the overhead rates and man hour justifications have been reviewed and approved by Public Works.


Signature


Date