

BILL NO. S-15-05-09

SPECIAL ORDINANCE NO. S-_____

AN ORDINANCE approving PROFESSIONAL
ENGINEERING DESIGN SERVICES FOR STATE
BLVD RD CONCRETE STREET
REHABILITATION - BETWEEN REED RD AND
GEORGETOWN NORTH BLVD - WO #0063C
between DLZ INDIANA, LLC 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 STATE BLVD RD CONCRETE STREET
REHABILITATION - BETWEEN REED RD AND GEORGETOWN NORTH
BLVD - WO #0063C by and between DLZ INDIANA, LLC 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 to include
pavement evaluation, roadway design, 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:

involving a total cost of THREE HUNDRED THIRTEEN THOUSAND SIX
HUNDRED EIGHTY ONE THOUSAND AND 00/100 DOLLARS -
(\$313,681.00). 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



Board Agenda Transmittal

To: Board of Public Works

From: Patrick Zaharako, Traffic Engineering, EXTENSION 2789 *PWZ*

Date: 4/15/15, 11:00AM

Re: Resolution/Contract# N/A, Work Order# 0063C
State Blvd Concrete Street Rehabilitation – between Reed Rd and Georgetown North Blvd.

Enclosed are (3) original copies of the following to be placed on the **Board** agenda for **April 22, 2015**.

- ☐ Resolution Type ☐ Award ☐ Acceptance ☐ Contracts ☐ Change Order
☒ Professional Services Agreement ☐ Escrow Release ☐ Claims/Write offs
☐ Special Street Permit ☐ Other (INDOT/LPA Boilerplate Coordination Contract)

*Prior/Council Approval Required ☒ Yes ☐ No Date for Council

Project/Agreement Amount: \$313,681.00 Locally funded by Bond

Additional Comments: 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.

Upon approval please return 2 **Originals** to **Patrick Zaharako, Assistant City Engineer**.

**PROFESSIONAL SERVICES AGREEMENT
DESIGN SERVICES**

**State Blvd Concrete Street Rehabilitation -- between Reed Road and Georgetown North Blvd
("PROJECT")**

Work Order #0063C

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

DLZ INDIANA, LLC ("ENGINEER")

825 South Barr Street
Fort Wayne, Indiana 46802
(260) 420-3114
(260) 420-0420

Who agree as follows:

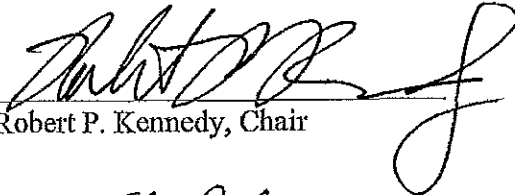
CITY hereby engages ENGINEER to perform the services set forth in Part I - Services ("SERVICES") and ENGINEER agrees to perform the SERVICES for the compensation set forth in Part III - Compensation ("COMPENSATION"). ENGINEER shall be authorized to commence the SERVICES upon execution of this Agreement 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

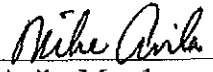
APPROVED FOR CITY

BOARD OF PUBLIC WORKS

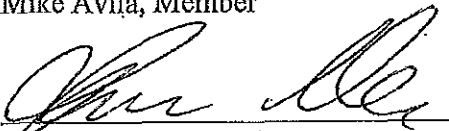
BY:


Robert P. Kennedy, Chair

BY:


Mike Avila, Member

BY:


Kumar Menon, Member

ATTEST:


Lindsey L. Richards, Clerk

DATE:

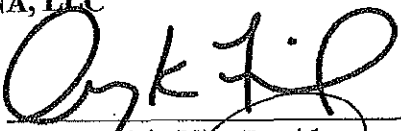
4/22/15

APPROVED as to legality and form

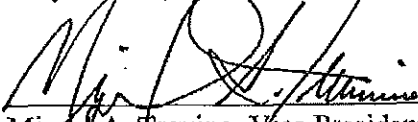
APPROVED FOR ENGINEER

DLZ INDIANA, LLC

BY:


Gary K. Fisk, Vice President

ATTEST:


Miguel A. Trevino, Vice President

DATE:

April 10, 2015

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 State Boulevard between Reed Road to Georgetown North Blvd in northeastern Fort Wayne. The existing pavement is concrete and is in very poor condition. The engineer shall evaluate various options to determine the most cost effective method of rehabilitation of the pavement to maximize its longevity. Options to be considered may include but are not limited to concrete street/joint repair, crack & seat, and thin HMA overlay of existing concrete pavement **or any other method deemed structurally feasible, cost effective and long lasting.** Areas of existing drainage problems shall be addressed in conjunction with City Utilities Engineering as part of this design. This is a curb and gutter cross section which is to be retained with 6-inch curb exposure. Existing pavement width ranges from 50 to 65 feet in width and includes a minimum of two travel lanes in each direction with a center left-turn lane. Proposed lane configuration will remain the same, although some of the center turn lane pavement shall be returned to green space with possible midblock pedestrian crossings with refuge areas. All existing pedestrian infrastructure (sidewalk, curb ramps and bus stops) shall be brought up to Public Rights-Of-Way Accessibility Guidelines (PROWAG) standards. Traffic signals located at Reed Road, Maplecrest Road, and Georgetown North Blvd. are to be modernized as needed. Typical minimum available right-of-way is 85 to 100 feet and all improvements shall be within this existing right-of-way. The intersection of Reed Road, Maplecrest Road, and Georgetown North Blvd will be modified to install slotted left-turn lanes for better line of sight, with flashing yellow arrow left-turn phasing on all three signalized intersections. All improvements are proposed to be constructed within the existing right-of-way. The project shall be designed and ready for bidding and construction in the spring of 2016.

1. Pavement Evaluation

Engineer shall perform a pavement evaluation along the entire described corridor. The evaluation shall be by both visual methods and physical testing methods as determined necessary. The review of alternatives shall include a minimum of 3 alternatives with long term analysis (50 Years) for both HMA and PCC alternatives. The Engineer shall choose the alternatives to review unless a specific alternative is requested to be included by the Owner. The review shall include the estimated capital construction cost and the long term operation cost based on a full life cycle cost analysis (LCCA) using nationally accepted standards and tools. The evaluation shall be done by a licensed engineer or other approved professional with at least 20 years of experience in pavement design and evaluation.

2. Roadway

Roadway shall be rehabilitated with the same width travel lanes and center turn lane. 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 State Blvd is a designated a local delivery route and roadway shall be designed accordingly. The work includes the updating of existing pedestrian infrastructure (sidewalks, curb ramps, bus stops, etc.) for conformance with the current PROWAG standards. The work also includes the modifications to install slotted left turn lanes at Reed Rd., Maplecrest Rd, and Georgetown North Blvd with flashing yellow left-turn phasing on all three signalized intersections.

3. Drainage design

Engineer shall perform a drainage review to determine if any new storm sewers are needed along with sizing and inlet spacing. All runoff shall be directed to tributaries to Pierson Drain (county regulated drain) or approved existing storm sewers. 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.

4. Landscape architecture

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

5. 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 Pierson Drain, Stony Run Creek, or existing storm sewers. 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. Green infrastructure shall be limited to mow-able alternatives except at intersection areas where decorative planting may be considered for differentiation of area and beautification. Green infrastructure initiatives shall address storm water treatment (first inch of runoff) and also address subsurface drainage in lieu of underdrains.

6. Traffic signals, signs and pavement markings

Engineer shall incorporate the modernization of traffic signals within the project limits as necessary. If existing underground conduit is in usable condition, these shall be reused and detection shall be conventional loops. If condition of all existing conduit at an intersection is unusable, new detection shall be Sensys wireless. Pedestrian signals shall be brought up to PROWAG standards. Existing interconnect shall be reused. All pavement markings shall be included in the design. Pavement markings are to be epoxy paint on both asphalt pavement and concrete pavement.

7. 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.

8. Public participation

Engineer shall participate in no less than one public meeting, and shall develop an appropriate number (2 to 3) 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.

9. 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.

10. Maintenance of traffic

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

11. Permitting

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

1. 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 one public meeting 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 and EXCEL).

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 **May 29, 2015** and receiving prompt review and approvals from CITY.

<u>ACTIVITY</u>	<u>DAYS</u>
Field Survey	45 Calendar Days, weather permitting
Pavement Evaluation	60 calendar days
Preliminary Design	90 calendar days + Completed Field Survey + City Review Time
Final Design	90 Calendar Days + City Review Time
Bidding	30 Calendar Days

Note: Schedule can be accelerated per the CITY's Request upon further negotiations.

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 **\$313,681.00** 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 easement 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 inure to the benefit of any permitted assigns.

15. **ACCESS.** CITY shall provide ENGINEER safe access to any promises 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 terms, 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 State Blvd. Concrete Street Rehabilitation

	Fee	Item Cost \$44,345.00	Section Cost \$44,345.00	Item Manhours 400.25	Section Manhours 400.25
Topographic Survey					
Design Elements					
Pavement Evaluation – Field Testing	Fee:	\$3,422.00			
Pavement Evaluation	Fee:	\$33,769.00		214	
Roadway Design	Fee:	\$78,036.00		979	
Drainage	Fee:	\$17,258.00		141	
Landscape architecture	Fee:	\$4,752.00		41	
Green Infrastructure – Alternatives Report development	Fee:	\$5,280.00		48	
Green infrastructure – Selected alternatives design	Fee:	\$20,709.00		181	
Traffic signals, signs, markings	Fee:	\$22,397.00		211	
Sub Total			\$245,305.00		1,824
Utility Coordination	Fee:	\$1,666.00	\$1,666.00	48	48
Public Participation	Fee:	\$6,300.00	\$6,300.00	63	63
Maintenance of Traffic	Fee:	\$13,856.00	\$13,856.00	160	160
Permitting	Fee:	\$3,389.00	\$3,389.00	30	30
Other Contract documents					
Preparation of Specifications	Fee:	\$4,722.00		97	
Preparation of Special provisions	Fee:	\$5,265.00		95	
Preparation of quantity take-offs	Fee:	\$4,046.00		41	
Preparation of line item construction cost estimate	Fee:	\$1,719.00		36	
Sub Total			\$15,752.00		180
Bidding					
Attend prebid meeting	Fee:	\$1,044.00		11	
Respond to questions from bidders	Fee:	\$574.00		5	
Prepare addenda as needed	Fee:	\$1,678.00		17	
Review and tabulate bids and make recommendations to City	Fee:	\$618.00		6	
Sub Total			\$3,914.00		40
Construction					
Attend pre-construction conference	Fee:	\$1,044.00		11	
Provide design clarifications to contractor as requested	Fee:	\$2,612.00		79	
Sub Total			\$3,656.00		90
Reimbursable Expenses (does not include sub fees included above)	Fee:	\$3,678.00	\$3,678.00		
Work Allowance			\$10,000.00		
Total Fee			\$315,681.00		2,784

¹⁰ Provide summary of costs separately

*** Assumptions:**

1. Opinion of probable construction cost is \$2,500,000
2. Detailed collection of existing sewer structures (pipes, sizes and direction) is not included in scope of work, as no excavation below subgrade is anticipated.
3. Drainage design is limited to installation of new isolated inlets.
4. Landscape Architecture is limited to preparation of one conceptual layout (consisting of bushes and shrubs in available green space) and final design based on City's review comments of conceptual layout.
5. Maintenance of Traffic design is based on 6 sheets, two phases, and one in each direction with a left turn lane only at signalized intersections. Short term lane closures and approaches may be required.
6. Traffic signal design will not require pole, foundations, or service point modifications.
7. City to determine condition and suitability of existing signal equipment and infrastructure to be reused.
8. No lighting design or specifications is included in scope of work.
9. No utility relocation plan review/approval is anticipated for this scope of work.
10. Roadway design is limited to existing alignment, and no proposed profile to be established, overlay thickness of existing pavement and/or patching only.
11. Sidewalk design will be based on a typical offset and matching existing back of walk elevation and sloping toward curb. No alignment or profile will be provided.
12. Public participation will be limited to attending one meeting, up to three roundtrips, and preparation of a PowerPoint presentation.
13. Survey of utilities is limited to one time after IUPPS is notified, additional trips are required to survey utilities is additional services.
14. IDEM Rule 5 permit and temporary erosion control plans will be limited to disturbed soil areas only.
15. Construction services does not include review of shop drawings or other working drawings submitted by the contractor or the City.
16. Pavement cover and subsurface investigations is not included in our scope of work.
17. Right of Way and property lines to be provided by the City via GIS Data (Shape File).
18. City to provide length of any lane reduction/elimination.
19. Coordination with Chlink Box Services is limited to one meeting, any infrastructure to be installed or modified, detail and specifications shall be provided by the City.
20. Limits of pavement rehabilitation and sidewalk improvements along public road approaches will be limited to 100 feet from the edge of pavement of Coldwater Road.
21. Limits of drive approach improvements will extend to the existing Right of Way.
22. The ENGINEER reserves the right to reallocate budgets shown above from one task to another, as needed, exclusive of the work allowances.

ATTACHMENT #2

**DLZ INDIANA, LLC
STATE BLVD. CONCRETE STREET REHABILITATION FEE STRUCTURE
ENGINEERING/ARCHITECTURAL
2015**

<i>Activity Code</i>	<i>Employee Classification</i>	<i>Hourly Rate</i>
07	Deputy Program Manager	\$177.00
49	Division Manager	\$186.00
50	Department Manager	\$165.00
80	Senior Project Manager	\$142.00
55	Registered Land Surveyor	\$123.00
21	Project Manager	\$128.00
554/564	Engineer IV/Architect IV/Landscape Architect IV/ Planner IV/Scientist IV/Geologist IV	\$125.00
53/58	Engineer III/Architect III/Landscape Architect III/ Planner III/Scientist III/Geologist III	\$110.00
52/57	Engineer II/Architect II/Landscape Architect II/ Planner II/Designer III/Scientist II/Geologist II	\$100.00
51/56	Engineer I/Architect I/Landscape Architect I/ Planner I/ Designer II/Scientist I/Geologist I	\$84.00
126	Construction Observer Manager	\$90.00
152	Construction Observer	\$67.00
28	Designer I	\$73.00
29	Technician	\$62.00
43	Clerical	\$56.00

<i>Activity Code</i>	<i>Crew Classification</i>	<i>Hourly Rate</i>
142/99	Topographic Survey Crew	\$136.00

<i>Reimbursable Expenses</i>	<i>Rate</i>
Mileage	\$0.565/mile
Reproduction	Cost
Subconsultants	Cost plus 10%
Equipment Rental	Cost plus 10%

Rates are subject to revision on January 1, 2016.

Cost of living/inflation increases of 3 to 7% per annum can be anticipated.

ATTACHMENT #2



Earth-Source Inc

Billing Rates for services when basis of compensation is hourly cost or additional services.

Effective: 1/01/15

Expires: 12/31/15

Senior Wetland Scientist/Principal	\$ 135.
Senior Landscape Architect/Principal	135.
Project Manager	105.
Professional Wetland Scientist	105.
Professional Landscape Architect	105.
Wetland Specialist II	75.
Professional Design Staff	75.
Field /Design Technician	65.
Secretarial/Computer Services	58.

Expert Witness: testimony, hearings, depositions and preparation will be performed on an hourly basis at twice (2x), the **ESI** rate schedule.

Miscellaneous Reimbursable Charges shall be billed at 1.15 times the actual cost. Reimbursable expenses are generally described as follows:

Reproductions, prints, copies, postage, long distance communications, out-of-town travel, lodging and subsistence expenses, and general out-of-pocket expenses.

Mileage shall be billed at \$0.56/mile or prevailing federal rate.

Earth Source, Inc.

14921 Hand Road, Fort Wayne, IN 46818

PH: (260) 489-8511 FAX: (260) 489-8607

landscape architecture • land planning • wetland science & ecological services
native seed nursery • installation • management

ATTACHMENT #2

**APPLIED PAVEMENT TECHNOLOGIES, INC.
STATE BLVD. CONCRETE STREET REHABILITATION FEE STRUCTURE
ENGINEERING/ARCHITECTURAL
2015**

<i>Employee Classification</i>	<i>Hourly Rate</i>
Principal	\$245.00
Pavement Engineer II	\$180.00
Senior Engineer I	\$195.00
Engineer Associate II	\$115.00
Operator	\$100.00

<i>Reimbursable Expenses</i>	<i>Rate</i>
Mileage	\$0.575/mile
Travel Expenses	@ Cost
Living Expenses	@ Cost
Equipment Rental	@ Cost

Rates are subject to revision on January 1, 2016.

Cost of living/inflation increases of 3% to 7% per annum can be anticipated.

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

DLZ Indiana, LLC

Potential Employees to be Assigned

Work Order #0063C

CLASS NAME	EMPLOYEE NAME
Officer	Trevino, Miguel A, PE, CPE
Division Manager	Hudson, Craig G, RLA
Division Manager	Laturner, Jonathan, PE
Dept. Manager	Ghumman, Haseeb A, PE, PTOE
Clerical	Hieber, Debra J
Landscape Arch./Planner III	Rhodes, Sara A, RLA, LEED AP
Civil Engineer III	Morales, Arlenè I, PE
Civil Engineer II	Dove, Bradley A, EI
Civil Engineer I	Grabill, Adam J., EI
Civil Engineer I	LaBrash, Phillip, EI
Civil Engineer I	Lutz, David, EI
Construction Observer	Jennings, Rodrick E., LS
Surveyor	Stoody, Brian J, LS
Surveyor	Hathaway, Robert P, LS
Civil Engineer II	Dalley, Kristie R
Designer	Hibbert, Philip E
Technician I	Green, Mitchell
Technician I	Kaufman, Shannon R
Technician I	Thurber, Todd C.
Technician I	Neumeyer, Adam
Civil Engineer IV	Swenson, Jeffrey R., PE
Project Manager	Hirsch, Jeffrey Kent
Project Manager	Hull, Ronald E., PE
Project Manager	Nelson, John R, PE
Project Manager	Stankiewicz, Jay A, PE
Project Manager	Erwin, Casey, PE

State Boulevard Concrete Street Rehabilitation
Between Reed Road and Georgetown North Boulevard
City of Fort Wayne

Earth Source, Inc.
Potential Employees to be Assigned

Work Order #0063C

CLASS NAME	EMPLOYEE NAME
Senior Landscape Architect/Principal	Daniel L. Ernst, ASLA
Project Manager	Dave Weadock

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

Applied Pavement Technologies, Inc.

Potential Employees to be Assigned

Work Order #0063C

CLASS NAME	EMPLOYEE NAME
Principal	David G. Peshkin, PE
Senior Engineer I	Kurt D. Smith, PE
Senior Engineer I	Linda M. Pierce, PhD, PE

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

SURVEY

Work Order #0063C

Consultant: DLZ Indiana, LLC

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION								TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	PROJ. MGR.	Land Surveyor	Topo Crew	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
FIELD WORK										
Topographical Survey			123						123	
Ditch Cross-Sections										
Bench Circuit			14.5						14.5	
Horizontal Control			5.5						5.5	
Locate Property Pins			10						10	
Download/UpLoad					2.5				2.5	\$250.00
Structures			32						32	
Deed Research					9				9	\$900.00
Travel			9.25						9.25	
Witness			5.25						5.25	
QM/QC		4							4	\$492.00
SUBTOTAL		4	199.5		11.5				215	\$28,774.00
OFFICE WORK										
Initial Clean-up					14.5				14.5	\$1,450.00
Call In Utilities				4.5					4.5	\$495.00
Create Surface					27.75				27.75	\$2,775.00
Create Contours					2				2	\$200.00
Bench Circuit Notes					3				3	\$300.00
Witnesses							10		10	\$520.00
Structures							36.25		36.25	\$2,247.50
Set-up Drawings					2				2	\$200.00
Calculate Property Lines & Alignment				8	15				23	\$2,380.00
Addresses/Property Names							14		14	\$668.00
General Cleanup and Notation							22.25		22.25	\$1,379.50
Letters to adjacent Property Owners								11	11	\$616.00
QM/QC			15						15	\$2,040.00
SUBTOTAL			15	12.5	64.25		82.5	11	185.25	\$15,571.00
TOTAL-HOURS:										
		4	214.5	12.5	75.75		82.5	11	400.25	\$44,345.00
RATES	\$128.00	\$123.00	\$136.00	\$110.00	\$100.00	\$84.00	\$62.00	\$56.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

PAVEMENT EVALUATION

Work Order #0063C

Consultant: Applied Pavement Technologies, Inc.
April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION					TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	Principal	Pvt. ENGR II	Sr. ENGR I	ENGR. ASSOC. II	FWD Operator		
PAVEMENT EVALUATION REPORT							
Records/Existing Plan Review	2	12				14	\$2,660.00
Condition Survey/Anaylsis	2	22		22		46	\$6,980.00
Pavement Deflection Testng					20	20	\$2,000.00
Development of Rehabilitation Alternatives	4	40	10	24		78	\$12,890.00
Pavement Evaluation Report	4	24	4	24		56	\$8,840.00
SUBTOTAL	12	98	14	70	20	214	\$33,360.00
RATES	\$245.00	\$180.00	\$195.00	\$115.00	\$100.00		

DESCRIPTION	MANHOURS BY CLASSIFICATION					TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
		Pvt. ENGR II	Unit Rate	Units	FWD Operator		
FIELD WORK AND TESTING							
Mob/Demob Falling Weight Deflectometer Machine			\$2.60	470 Miles			\$1,222.00
Falling Weight Deflectometer Machine Rental			\$2,200.00	1 Days			\$2,200.00
TOTAL TESTING EQUIPMENT:							\$3,422.00
RATES	\$245.00	\$180.00	\$195.00	\$115.00	\$100.00		

*Equipment mobilization unit rate includes operator time and vehicle mileage costs (fuel, maintenance, etc.)

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

ROADWAY DESIGN

Work Order #0063C

Consultant: DLZ Indiana, LLC
April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
PRELIMINARY PLANS (30%)									
Check of Exst. Conditions					4			4	\$336.00
Preliminary Title Sheet		1		2	8	8		19	\$1,496.00
Preliminary Index & Reference Sheet		1		2	8	8		19	\$1,496.00
Preliminary Typical Sections		1		6	8	12		27	\$2,144.00
Preliminary Horizontal Geometrics		2		6	12	15		35	\$2,794.00
Preliminary Draft Plan/Profile Sheets		5		35	75	90		205	\$16,020.00
Preliminary Cross Section Sheets		2		16	24	24		66	\$5,360.00
QM/QC	4							4	\$660.00
SUBTOTAL	4	12		67	139	157		379	\$30,306.00
PRELIMINARY PLANS (60%)									
Finalize Horizontal Geometrics		1		5	6	8		20	\$1,628.00
Finalize Pavement Rehabilitation Details		1		10	30	50		91	\$6,748.00
Preliminary Plan/Profile Sheets				20	30	50		100	\$7,620.00
Preliminary Spot Elevation Sheets		2		4	16	20		42	\$3,240.00
Preliminary Detail Sheets		2		10	24	24		60	\$4,760.00
Preliminary Tables		2		5	6	6		19	\$1,632.00
QM/QC	4							4	\$660.00
SUBTOTAL	4	8		54	112	158		336	\$26,288.00
PRELIMINARY PLANS (90%)									
Finalize Title Sheet		1			2	2		5	\$420.00
Finalize Index & Reference Sheet		1			4	4		9	\$712.00
Finalize Plan/Profile Sheets		4		8	30	50		92	\$6,932.00
Finalize Cross Sections		1		8	12	8		29	\$2,432.00
Finalize Spot Elevation Sheets		1		8	12	16		37	\$2,928.00
Finalize Detail Sheets		1		2	4	10		17	\$1,284.00
Finalize Tables		1		4	8	8		21	\$1,696.00
QM/QC	4							4	\$660.00
SUBTOTAL	4	10		30	72	98		214	\$17,064.00
FINAL PLANS (100%)									
Final Design Items		4		12	16	16		48	\$4,048.00
QM/QC	2							2	\$330.00
SUBTOTAL	2	4		12	16	16		60	\$4,378.00
TOTAL HOURS:									
	14	34		183	339	429		979	\$78,036.00
RATES									
	\$165.00	\$128.00	\$110.00	\$100.00	\$84.00	\$82.00	\$56.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

DRAINAGE DESIGN

Work Order #0063C

Consultant: DLZ Indiana, LLC

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
PRELIMINARY PLANS (60%)									
Analysis of Additional Inlets		16	30					46	\$5,348.00
Structure Selection, and Connections		8	16					24	\$2,784.00
QM/QC	6							6	\$990.00
SUBTOTAL	6	24	46					76	\$9,122.00
PRELIMINARY PLANS (90%)									
Finalize Tables		4	16					20	\$2,272.00
Finalize Incorp. Proposed Sewer P/P Sheets		2	8					10	\$1,136.00
Finalize Incorp. Proposed Sewer Cross Sections		2	8					10	\$1,136.00
QM/QC	4							4	\$660.00
SUBTOTAL	4	8	32					44	\$5,204.00
FINAL PLANS (100%)									
Final Design Items		4	16					20	\$2,272.00
QM/QC	4							4	\$660.00
SUBTOTAL	4	4	16					24	\$2,932.00
TOTAL HOURS:	14	36	94					144	\$17,258.00
RATES	\$165.00	\$128.00	\$110.00	\$100.00	\$84.00	\$82.00	\$68.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

LANDSCAPE ARCHITECTURE - STREETSCAPE PLAN DEVELOPMENT

Work Order #0063C

Consultant: DLZ Indiana, LLC

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION					TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DIV. MGR.	PROJ. MGR.	LA III	LA II	CLERICAL		
CONCEPTUAL STREETSCAPE PLANS							
Field Visit - Examine Existing Conditions			6			6	\$680.00
Coordinate with Roadway and Utility Plans			1			1	\$110.00
Coordinate with Green Initiatives			1			1	\$110.00
Prepare Conceptual Layout			7	4		11	\$1,170.00
Prepare Final Landscape Design Plans			3	20		23	\$2,330.00
QM/QC	2					2	\$372.00
SUBTOTAL	2		18	24		44	\$4,752.00
TOTAL-HOURS:	2		18	24		44	\$4,752.00
RATES	\$186.00	\$128.00	\$110.00	\$100.00	\$66.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

GREEN INFRASTRUCTURE - ALTERNATIVES REPORT DEVELOPMENT

Work Order #0063C

Consultant: Earth Source Inc.

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL	TOTAL
	SENIOR WETLAND SCIENTIST	SENIOR LANDSCAPE ARCHITECT	PROJ. MGR.	PROF. WETLAND SCIENTIST	PROF. LANDSCAPE ARCHITECT	PROF. DESIGN STAFF	DESIGN TECH	HOURS	DOLLARS
								/TASK	/TASK
Correspondence		1	2					3	\$345.00
Coordination Meetings		2	6					8	\$900.00
Study/Evaluation		2	16					18	\$1,950.00
Schematic/Report		2	12					14	\$1,530.00
QM/QC		1	4					5	\$555.00
SUBTOTAL		8	40					48	\$5,280.00
TOTAL-HOURS:		8	40					48	\$5,280.00
RATES	\$135.00	\$135.00	\$105.00	\$105.00	\$105.00	\$75.00	\$65.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

GREEN INFRASTRUCTURE-SELECTED ALTERNATIVE DESIGN

Work Order #0063C

Consultant: Earth Source Inc.

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS	TOTAL DOLLARS
	SENIOR WETLAND SCIENTIST	SENIOR LANDSCAPE ARCHITECT	PROJ. MGR.	PROF. WETLAND SCIENTIST	PROF. LANDSCAPE ARCHITECT	PROF. DESIGN STAFF	DESIGN TECH	/TASK	/TASK
PRELIMINARY PLANS (30%)									
Correspondence		2	8					10	\$1,110.00
Coordination Meetings		4	4					8	\$960.00
Preliminary Design		6	24					30	\$3,330.00
QM/QC		2	4					6	\$690.00
SUBTOTAL		14	40					54	\$6,090.00
FINAL PLANS (100%)									
Correspondence		4	12					16	\$1,800.00
Coordination Meetings		2	6					8	\$900.00
Final Design		18	60					76	\$8,460.00
QM/QC		10	20					30	\$3,450.00
SUBTOTAL		32	98					130	\$14,610.00
TOTAL HOURS:		46	138					184	\$20,700.00
RATES	\$135.00	\$135.00	\$105.00	\$105.00	\$105.00	\$75.00	\$65.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

TRAFFIC SIGNAL DESIGN

Work Order #0063C

Consultant: DLZ Indiana, LLC

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DIV. MGR.	PROJ. MGR.	ENGR. IV	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
PRELIMINARY PLANS (00%)									
Check of Exist. Conditions			8					8	\$1,000.00
Conceptual Layout of the Signals		2	8			15		25	\$2,186.00
QM/QC	4							4	\$744.00
SUBTOTAL	4		16			15		37	\$3,674.00
PRELIMINARY PLANS (60%)									
Preliminary Signal Design		2	30			25		57	\$5,668.00
Preliminary Details		2	10			6		18	\$1,878.00
QM/QC	4							4	\$744.00
SUBTOTAL	4	4	40			31		79	\$8,178.00
FINAL PLANS (100%)									
Finalize Signal Design		4	20			15		39	\$3,942.00
Finalize Details		2	4			4		10	\$1,004.00
QM/QC	4							4	\$744.00
SUBTOTAL	4	6	24			19		53	\$5,690.00
TOTAL HOURS:	12	10	80			65		169	\$17,542.00
	\$186.00	\$128.00	\$125.00	\$100.00	\$84.00	\$62.00	\$56.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

TRAFFIC SIGNING AND PAVEMENT MARKINGS

Work Order #0063C

Consultant: DLZ Indiana, LLC

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
PRELIMINARY PLANS (30%)									
Conceptual Layout of the Signs & PM		1			2	2		5	\$420.00
QM/QC	2							2	\$330.00
SUBTOTAL	2	1			2	2		7	\$750.00
PRELIMINARY PLANS (60%)									
Preliminary Signs & PM		1			6	8		15	\$1,128.00
Preliminary Details		1			4	6		11	\$836.00
QM/QC	4							4	\$660.00
SUBTOTAL	4	2			10	14		30	\$2,624.00
PRELIMINARY PLANS (90%)									
Finalize Signs & PM Design		1			2	2		5	\$420.00
Finalize Details		1			2	2		5	\$420.00
QM/QC	2							2	\$330.00
SUBTOTAL	2	2			4	4		12	\$1,170.00
FINAL PLANS (100%)									
Final Design Items					1	1		2	\$146.00
QM/QC	1							1	\$165.00
SUBTOTAL	1				1	1		3	\$311.00
TOTAL-HOURS:	9	5			17	21		62	\$4,855.00
	\$165.00	\$128.00	\$110.00	\$100.00	\$84.00	\$62.00	\$56.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

UTILITY COORDINATION

Work Order #0063C

Consultant: DLZ Indiana, LLC

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
UTILITY/COORDINATION									
Update Utilities on Plan and Profile Sheets		2			6	3		11	\$946.00
Locate and Coordinate Conflicts		2			6	4		12	\$1,008.00
Submit Final Plans to Utilities		1			6	12	6	25	\$1,712.00
TOTAL HOURS:		5			18	19	6	48	\$3,886.00
RATES	\$165.00	\$128.00	\$110.00	\$100.00	\$84.00	\$62.00	\$56.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard
City of Fort Wayne

PUBLIC PARTICIPATION

Work Order #0063C

Consultant: DLZ Indiana, LLC
April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	Div. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
ATTENDANCE AT ONE PUBLIC MEETING									
Prepare Presentation for Meeting		1	1		20			22	\$1,918.00
Attendance at Meetings		5	5		5			15	\$1,810.00
Follow-up Comments/Coordination		2	2		4	2		10	\$936.00
SUBTOTAL		8	8		29	2		47	\$4,404.00
PREPARE CONCEPTUAL RENDERINGS									
Perspective Views (up to 3)	1		15					16	\$1,836.00
SUBTOTAL	1		15					16	\$1,836.00
TOTAL HOURS:	1	8	23		29	2		63	\$6,300.00
RATES	\$186.00	\$128.00	\$110.00	\$100.00	\$84.00	\$62.00	\$56.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

MAINTENANCE of TRAFFIC

Work Order #0063C

Consultant: DLZ Indiana, LLC

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
PRELIMINARY PLANS (30%)									
Conceptual Phasing Plan		2		4	12	8		26	\$2,160.00
Preliminary Typical Sections		1		2	2	2		7	\$620.00
QM/QC	2							2	\$330.00
SUBTOTAL	2	3		6	14	10		35	\$3,110.00
PRELIMINARY PLANS (60%)									
Finalize Phasing Plan		1		12	12	12		37	\$3,080.00
Finalize Typical Sections		1		1	2	2		6	\$520.00
Preliminary Plan Sheets		2		4	10	12		28	\$2,240.00
QM/QC	2							2	\$330.00
SUBTOTAL	2	4		17	24	26		73	\$6,170.00
PRELIMINARY PLANS (90%)									
Finalize Plan Sheets		1		10	12	12		35	\$2,880.00
QM/QC	2							2	\$330.00
SUBTOTAL	2	1		10	12	12		37	\$3,210.00
FINAL PLANS (100%)									
Final Design Items		1		2	4	6		13	\$1,038.00
QM/QC	2							2	\$330.00
SUBTOTAL	2	1		2	4	6		15	\$1,368.00
TOTAL HOURS:									
	8	9		35	54	54		160	\$13,856.00
RATES	\$165.00	\$128.00	\$110.00	\$100.00	\$84.00	\$62.00	\$56.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard
City of Fort Wayne

PERMITTING

Work Order #0063C

Consultant: DLZ Indiana, LLC
April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
DEM. Rte 5 Erosion Control Plan (SWPPP)									
Develop Stormwater Pollution Prevention Plan (SWPPP)		1		6	12	4	6	29	\$2,320.00
Develop NOI				1			1	2	\$168.00
Submit SWPPP				1			1	2	\$168.00
Submit NOI				2			1	3	\$258.00
QM/QC	1	2						3	\$421.00
SUBTOTAL	1	3		10	12	4	9	39	\$3,309.00
TOTAL HOURS:	1	3		10	12	4	9	39	\$3,309.00
RATES	\$165.00	\$128.00	\$110.00	\$100.00	\$84.00	\$82.00	\$58.00		

State Boulevard Concrete Street Rehabilitation
 Between Reed Road and Georgetown North Boulevard
 City of Fort Wayne

OTHER CONTRACT DOCUMENTS

Work Order #0063C

Consultant: DLZ Indiana, LLC
 April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
PREPARATION OF SPECIFICATIONS									
Preliminary Specifications - 30%		1	2		2		4	9	\$740.00
Update Specifications - 60%		3	4		4		2	13	\$1,272.00
Update Specifications - 80%		1	2		3		2	8	\$712.00
Update Specifications - 100%		2	2		5		2	11	\$1,008.00
QM/QC	6							6	\$990.00
SUBTOTAL	6	7	10		14		10	47	\$4,722.00
PREPARATION OF SPECIAL PROVISIONS									
Preliminary Special Provisions - 30%		1	2		3		4	10	\$824.00
Update Special Provisions - 60%		1	4		10		2	17	\$1,520.00
Update Special Provisions - 80%		1	2		10		2	15	\$1,308.00
Update Special Provisions - 100%	1	1	2		4		2	10	\$981.00
QM/QC	4							4	\$600.00
SUBTOTAL	5	4	10		27		10	56	\$5,265.00
PREPARATION OF QUANTITY TAKE-OFFS									
Quantity Take Offs - 60%		2			13			15	\$1,348.00
Update Quantity Take Offs - 80%		4			8			12	\$1,184.00
Update Quantity Take Offs - 100%	2	4			8			14	\$1,514.00
QM/QC									
SUBTOTAL	2	10			29			41	\$4,046.00
PREPARATION OF LINE ITEM CONSTRUCTION COST ESTIMATE									
Line Item Construction Cost Estimate - 60%		1			4			5	\$464.00
Update Line Item Construction Cost Estimate - 80%		1			3			4	\$380.00
Update Line Item Construction Cost Estimate - 100%	1	1			3			5	\$545.00
QM/QC	2							2	\$330.00
SUBTOTAL	3	3			10			16	\$1,719.00
TOTAL-HOURS:	16	24	20		80		20	160	\$15,762.00
RATES	\$165.00	\$128.00	\$110.00	\$100.00	\$94.00	\$62.00	\$56.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

BIDDING

Work Order #0063C

Consultant: DLZ Indiana, LLC

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
ATTEND PRE-BID MEETING									
Prepare Agenda		1			1		1	3	\$268.00
Attend Meeting		2			2			4	\$424.00
Prepare Meeting Minutes		1			2		1	4	\$352.00
SUBTOTAL		4			5		2	11	\$1,044.00
RESPOND TO QUESTIONS FROM BIDDERS									
Prepare a Written Repsonse		1	1		4			6	\$574.00
SUBTOTAL		1	1		4			6	\$574.00
PREPARE ADDENDA AS NEEDED									
Prepare and Distribute Addenda		4	5		6		2	17	\$1,678.00
SUBTOTAL		4	5		6		2	17	\$1,678.00
REVIEW AND TABULATE BIDS									
Review and Tabulate Bids		1	1		2			4	\$403.00
Submit Recommendation Letter		1			1			2	\$212.00
SUBTOTAL		2	1		3			6	\$618.00
TOTAL HOURS:		11	7		18		4	40	\$3,914.00
RATES	\$165.00	\$128.00	\$110.00	\$100.00	\$84.00	\$62.00	\$56.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard

City of Fort Wayne

CONSTRUCTION

Work Order #0063C

Consultant: DLZ Indiana, LLC

April 10, 2015

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
ATTEND PRE CONSTRUCTION CONFERENCE									
Prepare Agenda		1			1			2	\$212.00
Attend Meeting		2			2			4	\$424.00
Prepare Meeting Minutes		1			2		2	5	\$408.00
SUBTOTAL		4			5		2	11	\$1,044.00
PROVIDE DESIGN CLARIFICATIONS AS NEEDED									
Contract Administration Miscellaneous		4			25			29	\$2,612.00
SUBTOTAL		4			25			29	\$2,612.00
TOTAL HOURS:		8			30		2	40	\$3,656.00
RATES	\$165.00	\$128.00	\$110.00	\$100.00	\$84.00	\$62.00	\$56.00		

State Boulevard Concrete Street Rehabilitation

Between Reed Road and Georgetown North Boulevard
City of Fort Wayne

REIMBURSABLE EXPENSES

Work Order #0063C

Consultant: DLZ Indiana, LLC
April 10, 2015

REIMBURSABLE EXPENSES	
(Permit fees, Publications costs, Traffic Control)	\$2,300.00
Subconsultant Expenses (See Below)	\$1,378.00
SUBTOTAL	\$3,678.00

Trip Item	Unit	Rate	Item Cost	Comments
No. of Travelers	3	Travelers		2 engineers + 1 technician
No. of Travel Days	3	travel days		Leave Monday/return Thursday
No. of Hotel Nites	2	hotel nites		
Airfare	\$0	per person	\$0	No air travel
Per Diem	\$58	per day	\$504	As per 2015 GSA guidelines
Lodging	\$101	per nite	\$806	2015 GSA = \$88 + 15% tax = \$100
Rental Car	\$75	per day	\$225	3 day rental car
Ground Transp.			\$0	No taxis, train, or limo
Parking			\$25	Parking at airport for rental car
Personal Automobile Miles	30	miles		Travel to/from airport for rental car
GSA Mileage Rate (\$/mi)	0.575			As per 2015 GSA guidelines
Cost			\$17.25	
			\$1,377.25	

DIGEST SHEET

Department: Transportation Engineering

Resolution Number: N/A (W/O# 0063C)

Title of Ordinance: State Blvd Rd Concrete Street Rehabilitation – between Reed Rd and Georgetown North Blvd – (LPA Consultants Agreement – DLZ Indiana LLC.)

Awarded To: DLZ Indiana LLC.

Amount of Contract: Agreement fee of \$313,681.00 which sets the original contract amount of which 100% is locally funded by infrastructure bond.

Number of Bidders: 6 Proposals, 3 Selected for CSP proposals

Description of Project (Be Specific):

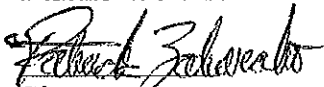
Contract is between the City of Fort Wayne and DLZ Indiana LLC for Design Engineering including pavement evaluation, roadway design, landscape architecture, green infrastructure, traffic signals, markings, utility coordination, public participation, maintenance of traffic, permitting, contract documents,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

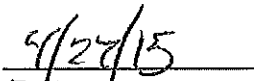
What Are The Implications If Not Approved:

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: DLZ was selected using the City's competitive sealed proposal selection process to perform the design engineering on this project. 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 DLZ was selected as the most responsive firm. They have been involved with many design projects for the City, County and surrounding communities who have been pleased with their services. The contract, including the set rates for each service have been reviewed and approved by Public Works.


Signature


Date