

Richard McGuinness, P.E., PTOE

Transportation Engineer, Roadway Design

Education

MBA/1981/Business Administration/
The Ohio State University

BS/1969/Civil Engineering/The Ohio State University

Registration/Certification

1972/Professional Engineer/OH/E-36341

Areas of Expertise

Maintenance of Traffic
Traffic Design

Mr. McGuinness' has spent nine years in consulting, involved in the preparation of designs, reports and the plans needed to get the project built. He also spent 26 years with the City of Columbus, where he served as head of Freeway Operations, Traffic Maintenance Manager and project engineer for the design and construction of centralized signal systems. It was here where he developed his true speciality of urban freeway operations and

urban freeway work zones, and a practical perspective of how things go together and how things get done in the real world.

Mr. McGuinness has completed the traffic engineering short course certificate from the Northwestern Traffic Institute. He is active in the Ohio Section of the Institute of Transportation Engineers and ITS Mid-America. He is registered as a PE in Ohio and New York, and ODOT prequalified in Interchange Justification Studies, Highway Lighting, Traffic Signal Design, Signs and Pavement Markings and Maintenance of Traffic.

Experience Relevant to this project:

Delaware County CR10 South Old State Road Improvements, Delaware, OH: Traffic engineer designated to assist with the transportation corridor study and widening project for a 9 mile section of a rapidly growing roadway in southern Delaware County. The project was administered through ODOT's LPA process and closely followed the Minor PDP. Environmental Services were performed on the entire corridor, however the project was broken up in to several phases to facilitate construction on the southern most critical section. Design plans for the southern 2 mile section of roadway adhered to MORPC's "Complete Streets" policy and included various pedestrian and bicyclist accommodations.



Amanda J. Beiting, EIT

Co-op

Education

Currently enrolled in BS/2013/Civil Engineering/ University of Cincinnati

AAS/2009/Civil Engineering Technology—Surveying/

Cincinnati State Technical and
Community College

Years of Experience

With URS: 5.5 Years

Ms. Beiting is a senior in the Civil Engineering Program at the University of Cincinnati. Previously, she completed an Associates degree program in Civil Engineering Technology – Surveying at Cincinnati State Technical and Community College. She has worked with URS in the Traffic Department for over five years. She's involved in both office and field work.

Experience Relevant to this project:

District 7 Traffic Engineering Services, Kentucky Transportation Cabinet (2007-present): Co-op providing staff augmentation to the KYTC District 7 Office (Lexington Area). Contractual duties include performing signal warrant studies, speed studies, performing signal installation inspections, managing 15 closed loop signal systems. In the first year of the contract URS has studied over 100 intersections.

Statewide Traffic Engineering Services, Kentucky Transportation Cabinet (2007-present): Co-op providing a broad range of data collection services under this statewide contract including surveying the signal systems. Contract services include annual review and management of assigned coordinated traffic signal systems, collecting travel time data, speed studies, performing capacity analysis and developing traffic simulation models.

WORKFORCE ANALYSIS FORM

Name of Organization: URS Corporation

Date: 03/21/2013

Categories	Total	White		Latino		Black		Other		Total	
		M	F	M	F	M	F	M	F	M	F
Administrators	1962	1481	230	66	14	45	8	94	24	1686	276
Professionals	6868	3624	1863	228	142	173	132	476	230	4501	2367
Superintendents	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Supervisors	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Foremen	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Technicians	2485	1577	351	159	35	167	57	115	24	2018	467
Protective Service	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Para-Professionals	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Office/Clerical	1081	116	628	23	92	18	123	24	57	181	900
Skilled Craft	113	56	0	51	0	2	0	4	0	113	0
Service/Maintenance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total:	12509	6854	3072	527	283	405	320	713	335	8499	4010

Prepared for: Greg T. Groves, Louisville Office Manager
(by Pegi Yocom, Sr. Marketing Coordinator)

Name & Title

Pegi Yocom

EQUAL OPPORTUNITY AGREEMENT

The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states:

The Contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap.

- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

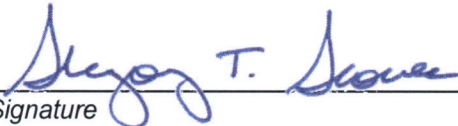
The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, Vietnam veterans, handicapped and aged persons.


Signature

URS Corporation
Name of Business

LFUCG MBE/WBE PARTICIPATION FORM

Bid/RFP/Quote Reference # RFP #7-2013 Traffic Signal Timing Project

The MBE/WBE subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately.

MBE/WBE Company, Name, Address, Phone, Email	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1. Abbie Jones Consulting 1022 Fontaine Rd. Lexington, KY 40502 859.559.3443 abbie@abbie-jones.com	Traffic Counting, Intersection counting		20-25 %
2.			
3.			
4.			

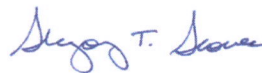
The undersigned company representative submits the above list of MBE/WBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

URS Corporation

Company

March 21, 2013

Date



By

Vice President, Louisville Office Manager

Title

GENERAL PROVISIONS

1. Each Respondent shall comply with all Federal, State & Local regulations concerning this type of service or good.

The Respondent agrees to comply with all statutes, rules, and regulations governing safe and healthful working conditions, including the Occupational Health and Safety Act of 1970, 29 U.S.C. 650 *et. seq.*, as amended, and KRS Chapter 338. The Respondent also agrees to notify the LFUCG in writing immediately upon detection of any unsafe and/or unhealthful working conditions at the job site. The Respondent agrees to indemnify, defend and hold the LFUCG harmless from all penalties, fines or other expenses arising out of the alleged violation of said laws.

2. Failure to submit ALL forms and information required in this RFP may be grounds for disqualification.
3. Addenda: All addenda, if any, shall be considered in making the proposal, and such addenda shall be made a part of this RFP. Before submitting a proposal, it is incumbent upon each proposer to be informed as to whether any addenda have been issued, and the failure to cover in the bid any such addenda may result in disqualification of that proposal.
4. Proposal Reservations: LFUCG reserves the right to reject any or all proposals, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by a Respondent in the preparation of proposals.
6. Changes/Alterations: Respondent may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the proposal, and received by LFUCG prior to the scheduled closing time for receipt of proposals, will be accepted. The proposal, when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of proposal".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from a Respondent.
8. Bribery Clause: By his/her signature on the bid, Respondent certifies that no employee of his/hers, any affiliate or Subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.

9. Additional Information: While not necessary, the Respondent may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the Respondent's response. Additional documentation shall not serve as a substitute for other documentation which is required by this RFP to be submitted with the proposal,
10. Ambiguity, Conflict or other Errors in RFP: If a Respondent discovers any ambiguity, conflict, discrepancy, omission or other error in the RFP, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting this proposal, the Respondent agrees that it has carefully examined the specifications and all provisions relating to the work to be done attached hereto and made part of this proposal. By acceptance of a Contract under this RFP, proposer states that it understands the meaning, intent and requirements of the RFP and agrees to the same. The successful Respondent shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to Respondent shall be authorized for services or expenses reasonably covered under these provisions that the proposer omits from its Proposal.
12. Cancellation: If the services to be performed hereunder by the Respondent are not performed in an acceptable manner to the LFUCG, the LFUCG may cancel this contract for cause by providing written notice to the proposer, giving at least thirty (30) days notice of the proposed cancellation and the reasons for same. During that time period, the proposer may seek to bring the performance of services hereunder to a level that is acceptable to the LFUCG, and the LFUCG may rescind the cancellation if such action is in its best interest.

A. Termination for Cause

- (1) LFUCG may terminate a contract because of the contractor's failure to perform its contractual duties
- (2) If a contractor is determined to be in default, LFUCG shall notify the contractor of the determination in writing, and may include a specified date by which the contractor shall cure the identified deficiencies. LFUCG may proceed with termination if the contractor fails to cure the deficiencies within the specified time.
- (3) A default in performance by a contractor for which a contract may be terminated shall include, but shall not necessarily be

limited to:

- (a) Failure to perform the contract according to its terms, conditions and specifications;
- (b) Failure to make delivery within the time specified or according to a delivery schedule fixed by the contract;
- (c) Late payment or nonpayment of bills for labor, materials, supplies, or equipment furnished in connection with a contract for construction services as evidenced by mechanics' liens filed pursuant to the provisions of KRS Chapter 376, or letters of indebtedness received from creditors by the purchasing agency;
- (d) Failure to diligently advance the work under a contract for construction services;
- (e) The filing of a bankruptcy petition by or against the contractor; or
- (f) Actions that endanger the health, safety or welfare of the LFUCG or its citizens.

B. At Will Termination

Notwithstanding the above provisions, the LFUCG may terminate this contract at will in accordance with the law upon providing thirty (30) days written notice of that intent, Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.

- 13. **Assignment of Contract:** The contractor shall not assign or subcontract any portion of the Contract without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
- 14. **No Waiver:** No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this Contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
- 15. **Authority to do Business:** The Respondent must be a duly organized and authorized to do business under the laws of Kentucky. Respondent must be in good standing and have full legal capacity to provide the services specified under this Contract. The Respondent must have all necessary

right and lawful authority to enter into this Contract for the full term hereof and that proper corporate or other action has been duly taken authorizing the Respondent to enter into this Contract. The Respondent will provide LFUCG with a copy of a corporate resolution authorizing this action and a letter from an attorney confirming that the proposer is authorized to do business in the State of Kentucky if requested. All proposals must be signed by a duly authorized officer, agent or employee of the Respondent.

16. **Governing Law:** This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this Contract, the Parties agree that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division. All parties expressly consent to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to this Contract or any rights or obligations arising thereunder. Service of process may be accomplished by following the procedures prescribed by law.
17. **Ability to Meet Obligations:** Respondent affirmatively states that there are no actions, suits or proceedings of any kind pending against Respondent or, to the knowledge of the Respondent, threatened against the Respondent before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of Respondent to perform its obligations under this Contract, or which question the legality, validity or enforceability hereof or thereof.
18. Contractor understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Contractor is an independent contractor at all times during the performance of the services specified.
19. If any term or provision of this Contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.



Signature

March 21, 2013

Date

EXHIBIT D

**FURTHER DESCRIPTION OF BASIC
ENGINEERING SERVICES AND
RELATED MATTERS**

Tasks	PAUL	VANESSA	AMANDA	JEFF	ABBIE JONES	Total Hours	Raw Average Rate	Raw Billable Labor	Loaded Average Rate	Loaded Billable Labor
1 North Broadway (4 Intersections 12 plans)						0	\$ -	\$ -	\$ -	\$ -
2 Synchro Development (use LFUCG Models)	0	0	0	0		0	\$ -	\$ -	\$ -	\$ -
3 Basic accuracy checks (reds, yellows, peds, lanes, ex time)	12	12				24	\$ 31.29	\$ 751.00	\$ 78.86	\$ 1,893.00
4 Supplemental Field Data For Calibration	12					12	\$ 34.00	\$ 408.00	\$ 85.68	\$ 1,028.00
5 Data Entry (Counts 1 hrs/plan)	6	6				12	\$ 31.25	\$ 375.00	\$ 78.75	\$ 945.00
6 Model Calibrations	8	8	4			20	\$ 41.70	\$ 834.00	\$ 105.08	\$ 2,102.00
7 Study Left Turn Phase X-Products (1 hr/Int)	4					4	\$ 56.00	\$ 224.00	\$ 141.12	\$ 564.00
8 Model Optimization (4 hrs/plan)	20	16	12			48	\$ 41.77	\$ 2,005.00	\$ 105.26	\$ 5,053.00
9 Timing Forms (2 per int)	8					8	\$ 55.88	\$ 447.00	\$ 140.81	\$ 1,126.00
10 System Programming/Controller Testing (Centracs)	8	8	8			24	\$ 39.50	\$ 948.00	\$ 99.54	\$ 2,389.00
11 System Implementation / Adjustments (weekday & weekends)	24	24	24			72	\$ 39.50	\$ 2,844.00	\$ 99.54	\$ 7,167.00
12 Backfeed Field Adjustments to Synchro	4	4	4			12	\$ 31.25	\$ 375.00	\$ 78.75	\$ 945.00
13 Bluetooth Setup/Prep	4					4	\$ 56.00	\$ 224.00	\$ 141.12	\$ 564.00
14 Bluetooth Trav Time Before (deployment/pickup)	8	8	4			20	\$ 41.70	\$ 834.00	\$ 105.08	\$ 2,102.00
15 Bluetooth Trav Time After (deployment/pickup)	8	8	12			28	\$ 30.75	\$ 861.00	\$ 77.49	\$ 1,550.00
16 Bluetooth Field Support (Abbie Jones)					8	8	\$ 50.00	\$ 400.00	\$ 126.00	\$ 1,008.00
17 Travel Time Analysis (BT Processing 2 hr/plan)	12	12				24	\$ 31.29	\$ 751.00	\$ 78.86	\$ 1,893.00
18 Newtown Pike (8 intersections 12 plans)						0	\$ -	\$ -	\$ -	\$ -
19 Synchro Development (use LFUCG Models)	0	0	0	0		0	\$ -	\$ -	\$ -	\$ -
20 Basic accuracy checks (reds, yellows, peds, lanes, ex time)	12	12				24	\$ 31.29	\$ 751.00	\$ 78.86	\$ 1,893.00
21 Supplemental Field Data For Calibration	12					12	\$ 34.00	\$ 408.00	\$ 85.68	\$ 1,028.00
22 Data Entry (Counts 2 hrs/plan)	12	12				24	\$ 31.29	\$ 751.00	\$ 78.86	\$ 1,893.00
23 Model Calibrations	12	12	6			30	\$ 41.67	\$ 1,250.00	\$ 105.00	\$ 3,150.00
24 Study Left Turn Phase X-Products (1 hr/Int)	8	4	4			16	\$ 43.63	\$ 698.00	\$ 109.94	\$ 1,759.00
25 Optimization (6 hrs/plan)	36	32	28			96	\$ 40.64	\$ 3,901.00	\$ 102.40	\$ 9,831.00
26 Timing Spreadsheets (2 per int)	16	16	16			48	\$ 39.50	\$ 1,896.00	\$ 99.54	\$ 4,778.00
27 System Programming (Centracs)	16	16		16		48	\$ 48.63	\$ 2,334.00	\$ 122.54	\$ 5,882.00
28 System Implementation / Adjustments (weekday & weekends)	24	16	16			56	\$ 41.84	\$ 2,343.00	\$ 105.44	\$ 5,904.00
29 Backfeed Field Adjustments to Synchro	8	8	8			24	\$ 31.25	\$ 750.00	\$ 78.75	\$ 1,260.00
30 Bluetooth Setup/Prep	8					8	\$ 55.88	\$ 447.00	\$ 140.81	\$ 1,126.00
31 Bluetooth Trav Time Before (deployment/pickup)	8	8	4			20	\$ 41.70	\$ 834.00	\$ 105.08	\$ 2,102.00
32 Bluetooth Trav Time After (deployment/pickup)	8	8	12			28	\$ 30.75	\$ 861.00	\$ 77.49	\$ 1,550.00
33 Bluetooth Field Support (Abbie Jones)					8	8	\$ 50.00	\$ 400.00	\$ 126.00	\$ 1,008.00
34 Travel Time Analysis (BT Processing 2 hr/plan)	12	16				28	\$ 30.89	\$ 865.00	\$ 77.85	\$ 2,180.00
35 Georgetown Road (12 intersections 12 plans)						0	\$ -	\$ -	\$ -	\$ -
36 Synchro Development (use LFUCG Models)	0	0	0	0		0	\$ -	\$ -	\$ -	\$ -
37 Basic accuracy checks (reds, yellows, peds, lanes, ex time)	12	12				24	\$ 31.29	\$ 751.00	\$ 78.86	\$ 1,893.00
38 Supplemental Field Data For Calibration	12					12	\$ 28.58	\$ 343.00	\$ 72.03	\$ 864.00
39 Data Entry (Counts 2 hrs/plan)	12	12				24	\$ 31.29	\$ 751.00	\$ 78.86	\$ 1,893.00
40 Model Calibrations	12	12	6			30	\$ 41.67	\$ 1,250.00	\$ 105.00	\$ 3,150.00
41 Study Left Turn Phase X-Products (1 hr/Int)	8	4	4			16	\$ 43.63	\$ 698.00	\$ 109.94	\$ 1,759.00
42 Optimization (8 hrs/plan)	36	32	28			96	\$ 40.64	\$ 3,901.00	\$ 102.40	\$ 9,831.00
43 Timing Spreadsheets (2 per int)	16	16	16			48	\$ 39.50	\$ 1,896.00	\$ 99.54	\$ 4,778.00
44 System Programming (Centracs)	16	16		16		48	\$ 48.63	\$ 2,334.00	\$ 122.54	\$ 5,882.00
45 System Implementation / Adjustments (weekday & weekends)	24	24	24			72	\$ 39.50	\$ 2,844.00	\$ 99.54	\$ 7,167.00
46 Backfeed Field Adjustments to Synchro	8	8	8			24	\$ 31.25	\$ 750.00	\$ 78.75	\$ 1,260.00
47 Bluetooth Setup/Prep	8					8	\$ 55.88	\$ 447.00	\$ 140.81	\$ 1,126.00
48 Bluetooth Trav Time Before (deployment/pickup)	8	8	4			20	\$ 41.70	\$ 834.00	\$ 105.08	\$ 2,102.00
49 Bluetooth Trav Time After (deployment/pickup)	8	8	12			28	\$ 30.75	\$ 861.00	\$ 77.49	\$ 1,550.00
50 Bluetooth Field Support (Abbie Jones)					8	8	\$ 50.00	\$ 400.00	\$ 126.00	\$ 1,008.00
51 Travel Time Analysis (BT Processing 2 hr/plan)	12	16				28	\$ 30.89	\$ 865.00	\$ 77.85	\$ 2,180.00
52 Versailles Road (11 intersections 12 plans)						0	\$ -	\$ -	\$ -	\$ -
53 Synchro Development (use LFUCG Models)	0	0	0	0		0	\$ -	\$ -	\$ -	\$ -
54 Basic accuracy checks (reds, yellows, peds, lanes, ex time)	12	12				24	\$ 31.29	\$ 751.00	\$ 78.86	\$ 1,893.00
55 Supplemental Field Data For Calibration	12					12	\$ 28.58	\$ 343.00	\$ 72.03	\$ 864.00
56 Data Entry (Counts 2 hrs/plan)	12	12				24	\$ 31.29	\$ 751.00	\$ 78.86	\$ 1,893.00
57 Model Calibrations	12	12	6			30	\$ 41.67	\$ 1,250.00	\$ 105.00	\$ 3,150.00
58 Study Left Turn Phase X-Products (1 hr/Int)	8	4	4			16	\$ 43.63	\$ 698.00	\$ 109.94	\$ 1,759.00
59 Optimization (8 hrs/plan)	36	32	28			96	\$ 40.64	\$ 3,901.00	\$ 102.40	\$ 9,831.00
60 Timing Spreadsheets (2 per int)	16	16	16			48	\$ 39.50	\$ 1,896.00	\$ 99.54	\$ 4,778.00
61 System Programming (Centracs)	16	16		16		48	\$ 48.63	\$ 2,334.00	\$ 122.54	\$ 5,882.00
62 System Implementation / Adjustments (weekday & weekends)	24	24	24			72	\$ 39.50	\$ 2,844.00	\$ 99.54	\$ 7,167.00
63 Backfeed Field Adjustments to Synchro	8	8	8			24	\$ 31.25	\$ 750.00	\$ 78.75	\$ 1,260.00
64 Bluetooth Setup/Prep	8					8	\$ 55.88	\$ 447.00	\$ 140.81	\$ 1,126.00
65 Bluetooth Trav Time Before (deployment/pickup)	8	8	4			20	\$ 41.70	\$ 834.00	\$ 105.08	\$ 2,102.00
66 Bluetooth Trav Time After (deployment/pickup)	8	8	12			28	\$ 30.75	\$ 861.00	\$ 77.49	\$ 1,550.00
67 Bluetooth Field Support (Abbie Jones)					8	8	\$ 50.00	\$ 400.00	\$ 126.00	\$ 1,008.00
68 Travel Time Analysis (BT Processing 2 hr/plan)	12	16				28	\$ 30.89	\$ 865.00	\$ 77.85	\$ 2,180.00
69										
70 Other Office Work						0	\$ -	\$ -	\$ -	\$ -
71 Contingency for recollecting BT on one before & one after	16	16	8			40	\$ 41.68	\$ 1,667.00	\$ 105.02	\$ 4,201.00
72 3 Timing review meetings + Preparation	30	30	30			90	\$ 39.50	\$ 3,555.00	\$ 99.54	\$ 8,959.00
73 Report Writing (50 hrs/route)	40	60	60	40		200	\$ 41.14	\$ 8,228.00	\$ 103.67	\$ 20,735.00
74 Report Graphics & Figures (16 hrs/ route)	4	16	32			52	\$ 32.35	\$ 1,682.00	\$ 81.51	\$ 4,239.00
75 Project Management (10% of project hrs)	240					240	\$ 55.93	\$ 13,422.00	\$ 140.93	\$ 33,823.00
76 QA-QC (Ave 12 hrs/section)				48		48	\$ 55.94	\$ 2,685.00	\$ 140.96	\$ 6,766.00
BILLING RATES (2011 KYTC rates Escalated)	\$55.93	\$33.99	\$28.57	\$55.93		2,372	\$ 41.32	\$ 98,000.00	\$ 104.11	\$ 246,960.00

TOTAL HOURS 798 736 670 136 0 32 0

Other Direct Costs	Miles	Rate	Total
N Broadway (4 roundtrips + 200 vicinity miles)	904	0.56	\$ 506
Newtown Pike	904	0.56	\$ 506
Georgetown Road	904	0.56	\$ 506
Versailles Road	904	0.56	\$ 506
Meetings (3 x 176 miles roundtrip)	528	0.56	\$ 296
Total Mileage			\$1,814
Travel Expenses (\$100/day MEALS & LODGING)	Days	People	
N Broadway	2	2	\$ 400
Newtown Pike	3	2	\$ 600
Georgetown Road	3	2	\$ 600
Versailles Road	3	2	\$ 600
Reproduction			\$250
Data Plan (2 months) for BT Units Before Studies			\$600
Data Plan (2 months) for BT Units After Studies			\$600
Travel Expenses			\$3,650

Budgeted Multiplier 2.52

LOADED TOTAL \$ 246,960.00
 SUBS \$ 97,175.00
 ODC \$ 5,464.00

TOTAL FEE ESTIMATE \$ 349,599.00

Budgeted Multiplier based upon FAR & KYTC audited 121.12% overhead rate and 15% profit margin.

Sub Costs
 ABBIE JONES (traffic counting portion) \$ 97,175 DBE Percentage 28.9%

PROJECT SCHEUDLE

Schedule (assumes contract approved by July 15, 2013)	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
Traffic Counts	■				
Existing Travel Time Study	■	■			
Signal Timing Optimization		■	■		
Controller Programming			■		
Implementation & Adjustments			■	■	
After Travel Time Study				■	
Documentation				■	■
Project duration August 15 to December 31, 2013					
Prinicple field work to be completed by November 20, 2013					

URS agrees to perform the services listed in Exhibit B (RFP 7-2013) in accordance with the industry standard of care based on the circumstances. Any obligation to "ensure" "insure" or "assure" will not require URS perform above the industry standard of care.

With regard to the insurance coverage: (i) URS will provide 30 day advance notice of a canceled policy, unless the cancellation is caused by nonpayment of the premium; (ii) The General Liability policy can provide professional liability coverage, but not an endorsement; (iii) subsections (b), (c), (d) and (e) under the Deductibles and Self-Insured Programs do not apply; and (iv) the verification of coverage may be executed by the URS insurance broker.

**LFUCG TASK ORDER NO. 1
 UNDER LFUCG AGREEMENT WITH URS CORPORATION, A NEVADA CORPORATION
 FOR
 TRAFFIC SIGNAL RETIMING ON MULTIPLE ROUTES**

	CONSULTANT	OWNER
Name	URS Corporation, A Nevada Corporation	Lexington Fayette Urban County Government
Street Address	525 Vine Street, Suite 1800	200 East Main Street
City, State, Zip	Cincinnati, OH 45202	Lexington, KY 40507
Contact Person	Paul Slone	
Telephone	513-419-3456	859-425-2400
Fax		859-254-7787
E-Mail	paul.slone@urs.com	
Task Order Date:	_____	
Task Name:	Traffic Signal Timing Project _____	
Task ID:	_____	

SCOPE OF WORK/DELIVERABLES

Collect necessary traffic data to develop, implement and adjust optimized traffic signal timing at 35 intersections on 4 routes listed below:

- North Broadway in vicinity of I-75
- Newtown Pike From Stanton to Newtown Court
- Georgetown Road From Douglas Ave to Spurr Road
- Versailles Road From Parkers Mill Rd to Oliver LewisWay

12 coordinated timing plans will be developed for each route for the approximate time frames listed in the RFP. Timing plans will explore a number of creative signal phasing schemes where possible to minimize stops and delays.

Timing plans will be developed and implemented through the LFUCG's centralized signal system. Consultant will provide personnel on-site to program and adjust proposed timing. Primary evaluation of field improvements will be performed through before and after travel time studies conducted by Bluetooth data capture.

Consultant will deliver Synchro models containing final adjusted timing and multiple copies of a written report for each route that documents the project methodology, collected data, timing plans, and improvements for motorists.

SCHEDULE OF WORK

Schedule (assumes contract approved by July 15, 2013)	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
Traffic Counts	■				
Existing Travel Time Study		■			
Signal Timing Optimization		■	■		
Controller Programming			■		
Implementation & Adjustments			■	■	
After Travel Time Study				■	■
Documentation				■	■
Project duration August 15 to December 31, 2013					
Principle field work to be completed by November 20, 2013					

FEE

Lump Sum amount of \$349,599.00
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ACCEPTED BY:

Steph F. Stone

 Consultant's Authorized Signature
 6/3/2013

 Date Signed

AUTHORIZED BY:

[Signature]

 Owner's Authorized Signature

 Date Signed

Two originals of this work order shall be executed by the Owner and returned to _____. A fully executed copy will be returned to the Owner.