## AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT is entered into between The City of Norman (OWNER) and Tetra Tech, Inc. (CONSULTANT) for the following reasons:

- 1. OWNER intends to construct (Widening of 12th Avenue SE from Cedar Lane to State Highway 9 from two to four lanes including bicycle lanes) (the Project); and,
- 2. OWNER requires certain professional survey, design, analysis and engineering services in connection with the Project (the Services); and,
- 3. CONSULTANT is prepared to provide the Services.

In consideration of the promises contained in this Agreement, OWNER and CONSULTANT agree as follows:

## ARTICLE 1 - EFFECTIVE DATE

The effective date of this Agreement shall be \_\_th day of \_\_\_\_\_, 20\_\_\_

## **ARTICLE 2 - GOVERNING LAW**

This Agreement shall be governed by the laws of the State of Oklahoma.

#### **ARTICLE 3 - SCOPE OF SERVICES**

CONSULTANT shall provide the Services described in Attachment A, Scope of Services.

#### ARTICLE 4 - SCHEDULE

CONSULTANT shall exercise its reasonable efforts to perform the Services described in Attachment A according to the Schedule set forth in Attachment B.

## **ARTICLE 5 - COMPENSATION**

OWNER shall pay CONSULTANT in accordance with Attachment C, Compensation. Invoices shall be due and payable upon receipt. OWNER shall give prompt written notice of any disputed amount and shall pay the remaining amount.

## **ARTICLE 6 - OWNER'S RESPONSIBILITIES**

OWNER shall be responsible for all matters described in Attachment D, OWNER'S Responsibilities. OWNER hereby represents that it owns the intellectual property rights in any plans, documents or other materials provided by OWNER to CONSULTANT. If OWNER does not own the intellectual property rights in such plans, documents or other materials, prior to providing same to CONSULTANT, OWNER shall obtain a license or right to use, including the right to sublicense to CONSULTANT. OWNER hereby grants CONSULTANT the right to use the intellectual property associated with plans, documents or other materials it owns or has the right to use for the limited purpose of performing the Services. OWNER represents that CONSULTANT'S use of such documents will not infringe upon any third parties' rights.

### **ARTICLE 7 - STANDARD OF CARE**

The same degree of care, skill, and diligence shall be exercised in the performance of the Services as is ordinarily possessed and exercised by a member of the same profession, currently practicing, under similar circumstances. No other warranty, express or implied, is included in this Agreement or in any drawing, specification, report, opinion, or other instrument of service, in any form or media, produced in connection with the Services.

## ARTICLE 8 -INDEMNIFICATION AND LIABILITY

Indemnification. The CONSULTANT and the OWNER each hereby agree to defend, indemnify, and hold harmless the other party, its officers, servants, and employees, from and against any and all liability, loss, damage, cost, and expense (including attorneys' fees and accountants' fees) caused by an error, omission, or negligent act of the indemnifying party in the performance of services under this Agreement. The CONSULTANT and the OWNER each agree to promptly serve notice on the other party of any claims arising hereunder, and shall cooperate in the defense of any such claims. In any and all claims asserted by any employee of the CONSULTANT against any indemnified party, the indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT or any of the CONSULTANT'S employees under workers' compensation acts, disability benefit acts, or other employee benefit acts. The acceptance by OWNER or its representatives of any certification of insurance providing for coverage other than as required in this Agreement to be furnished by the CONSULTANT shall in no event be deemed a waiver of any of the provisions of this indemnity provision. None of the foregoing provisions shall deprive the OWNER of any action, right, or remedy otherwise available to the OWNER at common law.

<u>Survival.</u> The terms and conditions of this Article shall survive completion of the Services, or any termination of this Agreement.

#### **ARTICLE 9 - INSURANCE**

During the performance of the Services under this Agreement, CONSULTANT shall maintain the following insurance:

- (a) General Liability Insurance, with a limit of
- \$1,000,000 per occurrence and \$2,000,000 annual aggregate.
- (b) Automobile Liability Insurance, with a combined single limit of \$1,000,000 for each person and \$1,000,000 for each accident.
- (c) Workers' Compensation Insurance in accordance with statutory requirements and Employers' Liability Insurance, with a limit of \$500,000 for each occurrence.
- (d) Professional Liability Insurance, with a limit of
- \$1,000,000 per claim and annual aggregate.

CONSULTANT shall, upon written request, furnish OWNER certificates of insurance which shall include a provision that such insurance shall not be canceled without at least thirty days' written notice to OWNER. OWNER shall require all Project contractors to include OWNER, CONSULTANT, and its parent company, affiliated and subsidiary entities, directors, officers and employees, as additional insureds on their General and Automobile Liability insurance policies, and to indemnify both OWNER and CONSULTANT, each to the same extent

## ARTICLE 10 - LIMITATIONS OF RESPONSIBILITY

CONSULTANT shall not be responsible for (a) construction means, methods, techniques, sequences, procedures, or safety precautions and programs in connection with the Project; (b) the failure of any contractor, subcontractor, vendor, or other Project participant, not under contract to CONSULTANT, to fulfill contractual responsibilities to OWNER or to comply with federal, state, or local laws, regulations, and codes; or (c) procuring permits, certificates, and licenses required for any construction unless such procurement responsibilities are specifically assigned to CONSULTANT in Attachment A, Scope of Services. In the event the OWNER requests CONSULTANT to execute any certificates or other documents, the proposed language of such certificates or documents shall be submitted to CONSULTANT for review at least 15 days prior to the requested date of execution. CONSULTANT shall not be required to execute any certificates or documents that in any way would, in CONSULTANT's sole judgment, (a) increase CONSULTANT'S legal or contractual obligations or risks; (b) require knowledge, services or responsibilities beyond the scope of this Agreement; or (c) result in CONSULTANT having to certify, guarantee or warrant the existence of conditions whose existence CONSULTANT cannot ascertain.

## ARTICLE 11 - OPINIONS OF COST AND SCHEDULE

Because CONSULTANT has no control over the cost of labor, materials, or equipment furnished by others, or over the resources provided by others to meet Project schedules, CONSULTANT's opinion of probable costs and of Project schedules shall be made on the basis of experience and qualifications as a practitioner of its profession. CONSULTANT does not guarantee that proposals, bids, or actual Project costs will not vary from CONSULTANT'S cost estimates or that actual schedules will not vary from CONSULTANT'S projected schedules.

#### **ARTICLE 12 - REUSE OF DOCUMENTS**

All documents, including, but not limited to, plans, drawings, and specifications prepared by CONSULTANT as deliverables pursuant to the Scope of Services are instruments of service in respect to the Project. They are not intended or represented to be suitable for reuse by OWNER or others on modifications or extensions of the Project or on any other project. Any reuse without prior written verification or adaptation by CONSULTANT for the specific purpose intended will be at OWNER'S sole risk and without liability or legal exposure to CONSULTANT. OWNER shall indemnify and hold harmless CONSULTANT and its subconsultants against all judgments, losses, damages, injuries, and expenses, including reasonable attorneys' fees, arising out of or resulting from such reuse. Any verification or adaptation of documents will entitle CONSULTANT to additional compensation at rates to be agreed upon by OWNER and CONSULTANT.

# ARTICLE 13 - OWNERSHIP OF DOCUMENTS AND INTELLECTUAL PROPERTY

Except as otherwise provided herein, documents, drawings, and specifications prepared by CONSULTANT and furnished to OWNER as part of the Services shall become the property of OWNER; provided, however, that CONSULTANT shall have the unrestricted right to their use. CONSULTANT shall retain its copyright and Ownership rights in its design, drawing details, specifications, data bases, computer software, and other proprietary property. Intellectual property developed, utilized, or modified in the performance of the Services shall remain the property of CONSULTANT.

## **ARTICLE 14 - TERMINATION AND SUSPENSION**

This Agreement may be terminated by either party upon written notice in the event of substantial failure by the other party to perform in accordance with the terms of this Agreement; provided, however, the nonperforming party shall have 14 calendar days from the receipt of the termination notice to cure or to submit a plan for cure acceptable to the other party. OWNER may terminate or suspend performance of this Agreement for OWNER'S convenience upon written notice to CONSULTANT. CONSULTANT shall terminate or suspend performance of the Services on a schedule acceptable to OWNER, and OWNER shall pay CONSULTANT for all the Services performed. Upon restart of suspended Services, an equitable adjustment shall be made to CONSULTANT'S compensation and the Project schedule.

## **ARTICLE 15 - DELAY IN PERFORMANCE**

Neither OWNER nor CONSULTANT shall be considered in default of this Agreement for delays in performance caused by circumstances beyond the reasonable control of the nonperforming party. For purposes of this Agreement, such circumstances include, but are not limited to, abnormal weather conditions; floods; earthquakes; fire; epidemics; war, riots, and other civil disturbances; strikes, lockouts, work slowdowns, and other labor disturbances; sabotage; judicial restraint; and delay in or inability to procure permits, licenses, or authorizations from any local, state, or federal agency for any of the supplies, materials, accesses, or services required to be provided by either OWNER or CONSULTANT under this Agreement. CONSULTANT shall be granted a reasonable extension of time for any delay in its performance caused by any such circumstances. Should such circumstances occur, the nonperforming party shall, within a reasonable time of being prevented from performing, give written notice to the other party describing the circumstances preventing continued performance and the efforts being made to resume performance of this Agreement.

#### **ARTICLE 16 - NOTICES**

Any notice required by this Agreement shall be made in writing to the address specified below: OWNER:

John R. Clink, P.E. Capital Projects Engineer City of Norman P.O. Box 370 Norman, OK 73070

#### CONSULTANT:

Mr. Jonathan Heusel, P.E. Project Manager Tetra Tech, Inc. 119 N. Robinson Avenue, Suite 700 Oklahoma City, Oklahoma 73102

Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of OWNER and CONSULTANT.

#### **ARTICLE 17 - DISPUTES**

In the event of a dispute between OWNER and CONSULTANT arising out of or related to this Agreement, the aggrieved party shall notify the other party of the dispute within a reasonable time after such dispute arises. If the parties cannot thereafter resolve the dispute, each party shall nominate a senior officer of its management to meet to resolve the dispute by direct negotiation or mediation.

Should such negotiation or mediation fail to resolve the dispute, either party may pursue resolution of the dispute by arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association; provided, however, in the event the parties are unable to reach agreement to arbitrate under terms reasonably acceptable to both parties, either party may pursue resolution in any court having jurisdiction. During the pendency of any dispute, the parties shall continue diligently to fulfill their respective obligations hereunder.

## ARTICLE 18 - EQUAL EMPLOYMENT OPPORTUNITY

CONSULTANT hereby affirms its support of affirmative action and that it abides by the provisions of the "Equal Opportunity Clause" of Section 202 of Executive Order 11246 and other applicable laws and regulations. CONSULTANT affirms its policy to recruit and hire employees without regard to race, age, color, religion, sex, sexual preference/orientation, marital status, citizen status, national origin or ancestry, presence of a disability or status as a Veteran of the Vietnam era or any other legally protected status. It is CONSULTANT'S policy to treat employees equally with respect to compensation, advancement, promotions, transfers and all other terms and conditions of employment. CONSULTANT further affirms completion of applicable governmental employer information reports including the EEO-1 and VETS-1 00 reports, and maintenance of a current Affirmative Action Plan as required by Federal regulations.

#### **ARTICLE 19 - WAIVER**

A waiver by either OWNER or CONSULTANT of any breach of this Agreement shall be in writing. Such a waiver shall not affect the waiving party's rights with respect to any other or further breach.

## **ARTICLE 20 - SEVERABILITY**

The invalidity, illegality, or unenforceability of any provision of this Agreement or the occurrence of any event rendering any portion or provision of this Agreement void shall in no way affect the validity or enforceability of any other portion or provision of this Agreement. Any void provision shall be deemed severed from this Agreement, and the balance of this Agreement shall be construed and enforced as if it did not contain the particular portion or provision held to be void. The parties further agree to amend this Agreement to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this Article shall not prevent this entire Agreement from being void should a provision which is of the essence of this Agreement be determined void.

#### **ARTICLE 21 - INTEGRATION**

This Agreement, including Attachments A, B, C, and D incorporated by this reference, represents the entire and integrated agreement between OWNER and CONSULTANT. It supersedes all prior and contemporaneous communications, representations, and agreements, whether oral or written, relating to the subject matter of this Agreement.

#### ARTICLE 22 - SUCCESSORS AND ASSIGNS

OWNER and CONSULTANT each binds itself and its successors, executors, administrators, permitted assigns, legal representatives and, in the case of a partnership, its partners, to the other party to this Agreement and to the successors, executors, administrators, permitted assigns, legal representatives, and partners of such other party in respect to all provisions of this Agreement.

#### **ARTICLE 23 - ASSIGNMENT**

Neither OWNER nor CONSULTANT shall assign any rights or duties under this Agreement without the prior written consent of the other party, which consent shall not be unreasonably withheld; provided, however, CONSULTANT may assign its rights to payment without OWNER'S consent. Unless otherwise stated in the written consent to an assignment, no assignment will release or discharge the assignor from any obligation under this Agreement. Nothing contained in this Article shall prevent CONSULTANT from engaging independent CONSULTANTS, associates, and subcontractors to assist in the performance of the Services.

## **ARTICLE 24 - NO THIRD PARTY RIGHTS**

The Services provided for in this Agreement are for the sole use and benefit of OWNER and CONSULTANT. Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than OWNER and CONSULTANT.

IN WITNESS WHEREOF, OWNER and TETRA	TECH, INC. have executed this Agreement.
DATED thisth day of, 2013	
The City of Norman (OWNER)	Tetra Tech, Inc. (CONSULTANT)
Signature	Signature
Name <u>Cindy Rosenthal</u>	Name Geoff Covalt, P.E.
Title Mayor	Title OKL OFFICE MANAGER
Date	Date <u>March 7, 2013</u>
Attest:	Attest:
City Clerk	Garus B. Salin Secretary
	FEB 4 1988

Approved as to form and legality this 3 day of 4 day of 2013.

City Attorney

# ATTACHMENT A GENERAL DESIGN SCOPE OF SERVICES

#### **FOR THE**

## CITY OF NORMAN, OKLAHOMA

Article 3 of the AGREEMENT is amended and supplemented to include the following agreement of the parties, CONSULTANT shall, except as otherwise provided for herein, furnish all Engineering services, labor, equipment and incidentals (Services) as required for this AGREEMENT.

#### PART I – DESCRIPTION OF PROJECT

CONSULTANT is to provide SERVICES in connection with the development of design, right-of-way acquisition coordination, utility coordination and relocations, bidding, and construction document for the following improvements located within the City of Norman, Oklahoma.

Widening of 12<sup>th</sup> Avenue SE from HWY 9 to Cedar Lane from two to four lanes including bicycle lanes.

#### **PROJECT Extents:**

The beginning of PROJECT (BOP) shall be approximately 700' north of the intersection of 12<sup>th</sup> Avenue and Cedar Lane and extend north and include the intersection of 12<sup>th</sup> Avenue and S.H. 9. The Project shall extend approximately 2,000 feet north (0.5 miles) or 350 feet north of S.H. 9 to the End of PROJECT (EOP).

#### **PROJECT Exceptions:**

Any identified public water and/or sewer line relocation plans are excluded from this Scope of Work unless specifically added by addendum.

#### **Incidental Construction:**

The PROJECT shall include widening, grading, sidewalk, reconstruction, drainage structures, and any other ancillary construction as required, tying the proposed construction to adjacent improvements.

#### Specific PROJECT Requirements:

Design criteria and other requirements specific to this PROJECT include:

 The design speed will be determined by consultation with City Traffic Engineer prior to the preparation of construction documents.

- The design shall include the reconstruction and signalization of 12<sup>th</sup> Avenue SE & S.H. 9. The
  intersection shall include standard stacking length and taper lengths for turn lanes. The
  intersection will be lighted by standard street lights on signal poles.
- The design shall be coordinated with the ODOT and their designers to ensure compatibility with their construction documents of SH 9.
- The design shall include a typical section based on: 4-lane, curb & gutter with integral 5' bicycle lanes. Paving recommendations are anticipated to require PC concrete.
- The design shall include intersection lighting by separate light poles at S.H. 9 & 12th Avenue SE.
- Improvements at the intersection of 12th Avenue SE and HWY 9
- Modification of the existing interconnected traffic signal at 12th Avenue SE and HWY 9 intersection
- Interconnect signals between Cedar Lane and S.H. 9
- Addition of a left turn lane at Campus Crest Drive for new development with the possibility of a traffic signal added in the future.
- Storm water improvements
- Reconstructed pavement shall be designed for a 30-year life. The pavement life shall assume normal routine maintenance and one major maintenance/restoration event at approximately the 15th year of service as is ordinary for the type of pavement specified.
- The design shall include all associate drainage structures and associated calculations.

Engineering reports, bidding, construction, and supporting documents developed by CONSULTANT shall comply with the established requirements of OWNER, the Association of Central Oklahoma Governments (ACOG), Oklahoma Department of Transportation (ODOT), and Federal Highway Administration (FHWA) for the purpose of seeking/securing federal construction funds by OWNER. CONSULTANT makes no representations, warranties, or guarantees with regard to the success of OWNER in securing said funds.

In Addition, PROJECT shall be designed in accordance with the general criteria identified in PART III- Design Criteria.

## PART II - SERVICES PROVIDED BY OTHERS

Engineering and ancillary services including but not limited to those identified below, shall be the responsibility of others:

- <u>Private Utility relocation design</u>- Relocation designs for utility systems in conflict with the
  proposed construction are not included in CONSULTANT's SERVICES. Relocation design shall be
  the responsibility of each Utility Owner. Design of OWNER-owned utilities (such as water and
  sanitary sewer services), services may be provided by CONSULTANT if authorized by OWNER in
  writing in the form of an executed Amendment to this AGREEMENT.
- <u>Certificates of title and Right-of-Way Appraisals & Acquisitions</u>- Certificates of title and right-ofway appraisals & acquisitions required for the proposed construction and/or utility relocations

are not included in CONSULTANT's SERVICES. Certified title information provided by OWNER to CONSULTANT prior to the Plan-in-Hand review shall be incorporated into the right-of-way drawings, plats, misery reports, and other instruments as required at no additional cost to OWNER.

- Environmental Clearance CONSULTANT responsibility for Environmental clearance shall be limited to preparing/completing ODOT's National Environmental Policy Act (NEPA) Checklist Form in collaboration with OWNER. The NEPA clearance necessary to acquire right-of-way and construct PROJECT shall be submitted & obtained by ODOT as is the ordinary practice for ACOG/ODOT/FHWA funded projects. CONSULTANT responsible for facilitating and assisting the OWNER in conducting and documenting the associated Public Meeting with PowerPoint presentation, display boards, and the preparation of general meeting minutes. The OWNER will coordinate the advertisement location for the meeting.
- <u>Bidding, Construction Management, and Inspection Services</u> Bidding, Construction management, and inspection services ordinarily provided/administered by ODOT are not included in CONSULTANT's SERVICES.

#### Part III - DESIGN CRITERIA

The design and plans shall conform to current State and AASHTO policies and standards (as modified under the direction of OWNER in writing) including:

- Manual on Uniform Traffic Control Devices for Streets and Highways, U.S. Department of Transportation, FHWA, 2003 Edition;
- An International Guide for Roadway Lighting, American Association of State Highway and Transportation Officials, (latest version);
- LRFD Bridge Design Specifications for Highway Bridges, AASHTO, 1998, and all current interim specifications with the S.I. Units;
- ANSI/AASHOT/AWS DI.5 Bridge Welding Code (latest revision)'
- A policy on Geometric Design of Highways and Streets, American Association of State Highway and Transportation Officials, 2004 edition;
- Standard Specifications for Highway Construction, and Supplementals, Oklahoma Department of Transportation, 1999;
- Highway Capacity Manual, Transportation research Board, 2000 Edition;
- Policy on Driveway Regulations for Oklahoma Highways, Oklahoma Department of Transportation, 1996 Edition;
- Roadside Design Guide, American Association of State Highway and Transportation Officials,
   2006 Edition;
- Right-of-way Specifications Manual for Preparation of Plans and Documents, Oklahoma Department of Transportation (latest revision);
- Oklahoma Administrative Code (OAC), Title 730
- Drainage Design Manual, Oklahoma Department of Transportation, 1988 Edition;

- Roadway Design Manual, Oklahoma Department of Transpiration, 1992 Edition;
- Roadway Safety and Convenience Design Guide for Oklahoma Cities, Oklahoma Department of Transpiration, 1991 Edition;
- Checklist for Local Government Urban Plans, Oklahoma Department of Transportation, 2001
   Edition.

## PART IV- GENERAL PERFORMANCE REQUIREMENTS

CONSULTANT agrees to the following as appropriate and when application SERVICES included in this AGREEMENT:

- To compute and place upon the construction plans, right-of-way ties to the survey line or a construction reference line, whichever is most feasible, for the purpose of staking the right-ofway line for construction operations
- 2. To prepare and furnish complete detailed final construction plans as called for "DESCRIPTION OF PROJECT".
- 3. To prepare and furnish all field surveys and mapping, including topographic survey of PROJECT area, control survey to establish section corners and section lines, ties to local coordinate system, horizontal locations of existing utilities, and monumentation for construction staking.
- 4. To prepare and furnish complete structural design, hydraulic (including drainage maps and design data for any storm sewer systems and other drainage included in the AGREEMENT), geometric and pay quantity computations, as follows:
  - a. CONSULTANT shall ensure that theses computations are independently checked in detail by competent personnel and shall provide a written statement to that effect when the plans are submitted.
  - b. All computations shall be neat, legible, identified, indexed, and bound in a manner that is easy to follow by someone unfamiliar with PROJECT. They shall become the sole property of the OWNER.
  - c. CONSULTANT shall furnish drainage maps and design data with computations for any storm sewer systems and other drainage involved in this AGREEMENT.
- 5. To provide a full Pedological survey necessary to design all aspects of the PROJECT including but not limited to retaining walls (if applicable), bridges (if applicable), and pavement. CONSULTANT shall furnish, if requested by the OWNER, comparative estimates for Asphalt and Portland Cement Concrete pavement alternatives of comparable life, durability, and life-cycle costs.
- To furnish any additional plan sheets identified in the scope of services and required by the OWNER.
- 7. That all preliminary designs, final plans, and reports submitted for review by the OWNER shall be accompanied by a written statement signed and sealed by a professional engineer attesting that a prior detailed check has been made of the plans and reports.
- 8. To prepare the right-of-way studies, legal descriptions and instruments of conveyance for partial and total take parcels in accordance with the "Right-of-Way Specifications Manual and Associated Materials."

- 9. To Provide Public Involvement participation, coordination and support between the OWNER, the effected local business owners, residents, and community based organizations. Such services shall include, but not limited to, attendance and participation at meetings, gatherings, assemblies or hearings as requested by the OWNER.
- 10. To be available for such conferences as the OWNER may deem necessary in connection with the work. The OWNER shall have the right to inspect the work at all reasonable times at CONSULTANT's office.
- 11. To coordinate its CONSULTANT's work with other consultants on adjoining projects, if any, and to furnish and share survey and plan data identified in the scope of services in such a manner as to facilitate and expedite the completion of AGREEMENTS for adjacent work.
- 12. To prepare and/or update CONSULTANT's Opinion of Probable Cost at each submittal milestone.
- 13. To furnish a legible copy of all computations used in developing cost estimates which are neatly arranged, bound and are properly identified and indexed. The computations shall be submitted with the documents are submitted to the OWNER.
- 14. To furnish monthly progress reports to the OWNER and attend monthly progress meetings with OWNER. These monthly reports shall be prepared in accordance with the OWNERS Requirements. In the event of any delay in performing the Work and/or increase in anticipated construction costs of the resulting PROJECT provided for in this AGREEMENT, CONSULTANT shall immediately notify the OWNER and shall fully explain the nature, time, and reason for the delay.

# PART V-WORK BREAKDOWN STRUCTURE & WORK PRODUCT REQUIREMENTS

The following Work Breakdown Structure (WBS) and Work Product Requirement are an outline and understanding of the scope of services that supports CONSULTANT's fee and PROJECT schedule. The WBS is an expansion on the general requirements presented PARTS I through IV. All requirements are stipulated herein. A list of the sizes and number of sets of plans included in the AGREEMENT is provided in PART VI- PLAN REQUIREMENTS.

#### PHASE I – PRE-DESIGN SERVICES

Pre-Design services include field surveying and geotechnical exploration and analysis necessary to commence the design. The tasks to be performed by CONSULTANT include:

#### Task 1A – Design Survey

Surveying shall be in accordance with the minimum standards for land surveying as stipulated by the Oklahoma State Board of Professional Engineers and Land Surveyors. Tract ownerships are to be based on observable evidence and reasonable public record research. Ownerships shown will not be conclusive to actual land title.

a. CONSULTANT shall establish horizontal and vertical control within PROJECT limits necessary to collect all topographic and planimetric features, boundaries, right-of-way/easement

- information, etc. and to serve as survey control for construction staking by the Construction Contractor.
- CONSULTANT shall provide field surveying in order to develop existing roadway cross sections at 50' intervals as well as at intersections and driveways throughout PROJECT.
- c. CONSULTANT shall create contours and digital terrain models form the collected data to support the design.
- d. CONSULTANT shall collect topographic data including, but not limited to, surface features such as utilities, signs, (including type and reference maker, if any), headwalls, retaining walls, curb and grate inlet locations, pipe and box culvert flowlines, driveway locations and profile, and other pertinent data.
- e. CONSULTANT shall tie any soil borings and pavement cores along PROJECT, to PROJECT control, to be shown in the plans.
- f. CONSULTANT shall develop survey data and information in a format suitable to be incorporated into the Final Plan Set. The survey sheets shall be submitted OWNER for review no later than the 30% Design Submittal.
- g. CONSTULTANT shall provide survey in the Oklahoma State Plane Coordinate System, South Zone. The ground/grid combined scale factor shall be computed for Project and noted on the survey sheets.
- h. CONSULTANT shall establish adequate monumentation for construction staking including horizontal control points and vertical bench marks. The monumentation shall cover the PROJECT area with inter-visible control pointes set on prominent ground, avoiding short back sights. Points should be set where likelihood of disturbance by construction is minimized. Primary control should be brass cap in concrete. Secondary control should be iron pins with plastic cap identifying the survey company when practical.
- CONSTULTANT shall include survey sheets in the plan sets or as a separate set of drawings (at OWNERS discretion). Survey sheets shall include contours and boundary information. Survey sheets shall be sealed by Licensed Surveyor in the State of Oklahoma.
- j. CONSULTANT shall contact the Oklahoma One Call System "CALL OKIE" via the "Web Ticket" system and maintain records of reported utility holders. Information on Utility holders received from OKE shall be shown on plan sheets. Utility drawings based on surface features, flagging and record drawings shall be included in the plan sets. Any additional information received directly from the utility companies shall be included in the plan sets and identified.

## Task 18 - Geotechnical Investigation & Pavement Design

- a. CONSULTANT shall provide standard geotechnical investigation sufficient to satisfy PROJECT design requirements. Geotechnical investigations shall be in accordance with AASHTO/ASTM procedures and shall include the following:
  - Shoulder Soil Survey every 1000′ 36″ deep 5 samples
  - Pavement Core Soil Survey ~ 5 locations ~ 36" deep

- Auger samples evaluated for in-situ moisture content
- Soil Classifications
- Liquid Limit/ Plastic
- Samples from dominant soils evaluated for Resilient Modulus (MR)
- Measurement of groundwater levels (if present) while boring and at the completion of each boring;
- Standard Proctor Densities and optimum moisture content.
- b. CONSULTANT shall provide Pavement Design based on the criteria established by the OWNER.
- c. CONSULTANT shall provide the results in a written report including a site plan showing the location of each boring/sample, evaluation of each, recommended pavement designs (program printouts or workups), and recommended pavement sections including subgrade treatments.

#### Task 1C - Traffic Study

- a. No additional Traffic studies are included as part of this contract.
- Shall include review of previously completed traffic studies for projects located within the general vicinity of 12th Avenue SE. TEC will review and determine if additional analyses and studies are required.

## PHASE 2 – DESIGN ADDITIONAL SERVICES

CONSULTANT services identified in Phase 2 are services anticipated to be required. However, the specific required level of effort by the CONSULTANT will be unknown until additional information becomes better defined during the course of PROJECT. The identified services and anticipated level of effort are educated estimates only. Services will be provided on and "as needed" and "as requested" basis according to the identified unit cost.

#### Task 2A- Utility Locates

a. As unknown underground utility locations become critical to identify, a utility locate company will be contracted by the CONSULTANT to physically locate the utility by exposing the utility and measuring critical parameters. An estimate of 15 locates under a variety of conditions was assumed for purposes of determining the contract base budget. The OWNER will be invoiced on an "as used" basis at cost plus 15%

#### Task 2B - Supplemental Survey Needs

The OWNER and CONSULTANT will have several needs for additional survey services after the initial design survey is complete. The level of effort required is unknown. An estimate of required man hours is included in the contract amount to be used "as needed" and "as requested". The anticipated items are listed below:

- a. Survey underground utility locates
- b. Survey previously unmarked utilities
- c. Survey additional development changes
- d. Stake existing right-of-way
- e. Stake proposed right-of-way
- f. Additional legal descriptions & exhibits
- g. Misc. other surveys required by the OWNER and CONSULTANT.

The OWNER will be invoiced on an "as used" basis at Standard Rates.

#### PHASE 3 - DESIGN SERVICES

The following Design Services will be provided by the CONSULTANT as necessary to complete the PROJECT as defined above:

#### Task 3A - Traffic Engineering

Traffic Engineering design & plan preparation will include the following:

- a. Signalization modifications at SH 9 and 12<sup>th</sup> Avenue SE. The scope of design of this intersection is to be based on the traffic studies conducted utilizing the future 2040 design year traffic volumes.
- b. Traffic Signal Interconnect between Cedar Lane and SH 9 shall be designed to connect the traffic signals along 12th Avenue SE at Cedar Lane and SH 9.
- c. Lighting on this project is not anticipated and lightning design/plans are not included in this scope of services.

#### Task 3B - Preliminary Design & Report

The CONSULTANT shall conduct the following preliminary design functions during the Preliminary Design task:

- a. Prepare preliminary horizontal & vertical alignments and associated Plan & Profile Sheets.
- b. Prepare a Preliminary Engineers estimate of Probable Cost and Budget Review.
- c. Document existing utilities and possible design conflicts.
- d. Identify significant design issues.
- e. Document existing drainage characteristics in a drainage report indicating all existing drainage boundaries, areas, runoff coefficients, flow quantitates, flow velocities, etc. for all points of concentrated drainage entering and exiting the existing and proposed PROJECT right-of-ways for each design storm event.
- f. Document existing FEMA Floodplain/Floodway conditions within PROJECT extents.

No FEMA CLOMR/LOMRs and no COE 404 Applications/Permits are anticipated for PROJECT.

#### Task 3C - 60% Design

The CONSULTANT shall complete design analysis and prepare all design documents necessary to conduct a Plan-in-Hand Project review with ODOT and the OWNER and to provide subsequent OWNER TIPs application assistance with ACOG. These tasks are anticipated to include the following:

- a. Verify PROJECT Scope
- b. Confirm horizontal and vertical alignments
- c. Confirm Typical Sections
- d. Field verify survey
- e. Assist with environmental clearance (by others)
- f. Identify drainage issues
- g. Identify Construction Sequencing
- h. Identify preliminary Right-of-Way needs and Utility Conflict
- i. Revise P & P Sheets
- j. Prepare Cross Section Sheets
- k. Revise Drainage Structure Tables
- Prepare Summary Tables
- m. Prepare Driveway Schedules
- n. Prepare Pay Items & Notes
- o. Prepare Signalization Plan Sheets
- p. Prepare Signing & Stringing Plan Sheets
- q. Prepare Detail Sheets
- r. Revise Engineer's Estimate of Probable Cost.
- s. Prepare Right of Way Sheets
- t. Prepare Survey Data Sheets

#### Task 3D - Final Plans

Upon receiving Plan-in-Hand comments from the OWNER and ODOT, the CONSULTANT shall prepare final Construction Plans suitable for ODOT bid letting. These tasks are anticipated to include the following:

- a. Finalize P & P Sheets
- b. Finalize Pay Items, Bid Quantities & Pay Notes
- c. Finalize Summary Tables
- d. Finalize Drainage Structure Tables
- e. Finalize Driveway Schedules
- f. Prepare any Special Provisions
- g. Finalize Signalization Plan Sheets
- h. Finalize Signing & Striping Plan Sheets
- i. Finalize Detail Sheets
- j. Finalize Construction Sequence Plans
- k. Finalize Cross Section Sheets

- I. Finalize Engineer's Estimate of Probable Cost
- m. Finalize Right of Way Sheets

## PHASE 4 - ENVIRONMENTAL CLEARANCE SUPPORT

The CONSULTANT will provide assistance to the OWNER as necessary to assist in obtaining the Environmental Clearance to be performed by ODOT. Specifically, the CONSULTANT will perform the following.

- a. Conduct the required Public Meeting at a location to be determined by the OWNER and ODOT.
- b. Omitted Prepare the required Public Notice advertisement for the City to Publish.
- c. Omitted Prepare the notification for mailout by the OWNER for right-of-entry for the environmental clearance. Review & update as necessary.
- d. Prepare Power Point Presentation for OWNER & revise as requested.
- e. Attend & Present at the Public Meeting as request by the OWNER.
- f. Prepare responses to questions raised at the Public Meeting.
- g. Prepare Meeting Minutes.
- h. Coordinate with ODOT as necessary.
- i. Prepare various meeting exhibits.
- j. Provide 1 set of full-size P&P Sheets to be available at the Public Meeting.
- k. Omitted Notify ODOT, City Council, and Politicians of Public Meeting Schedule.
- I. Take site pictures of PROJECT route.

# PHASE 5 – RIGHT-OF-WAY ACQUISITION SUPPORT SERVICES – RECOUPMENT DISTRICT LEGALS & EXHIBITS

The CONSULTANT will prepare and provide the OWNER with all required Right-of-Way acquisition documents necessary to acquire the right-of-way to complete the PROJECT as defined. Additionally, the CONSULTANT will provide the OWNER with Recoupment District legal descriptions and exhibits as necessary. These tasks are anticipated to include the following tasks:

## Task 5A- Right-of-Way Acquisition Support Services

- a. Prepare legal descriptions
- b. Prepare exhibits
- c. Prepare Misery Sheets
- d. Attend meetings
- e. Revise legal descriptions & exhibits as required per land owner negotiations

### Task 5B - Recoupment District Legal Descriptions & Exhibits

a. Prepare legal descriptions

- b. Prepare exhibits
- c. Attend meetings

## PHASE 6 – UTILITY RELOCATION COORDINATION

The CONSULTANT will work with the OWNER's Utility Coordinator to ensure that all required utility relocations are consistent with PROJECT requirements and performed in a timely manner. Additionally, the CONSULTANT will coordinate with ODOT and the Cedar Lane consultant to facilitate the required improvements at the tie-in location on 12<sup>th</sup> Avenue SE. These tasks are anticipated to include the following tasks:

## Task 6A - Utility Relocation Coordination & Relocation Plan Review

- a. Work with City Utility Coordinator
- Conduct a day full of meetings to verify existing utilities and relocation plans and provide minutes of meetings with the utility companies.
- c. Review utility relocation plans for compatibility with PROJECT design
- d. Be persistent in requesting timely relocation plans & relocation activities
- e. Maintain a color "Utility Relocation Map" (11" x 17" plans) showing existing and relocated utilities.

#### **PHASE 7 – CONSTRUCTION SERVICES**

#### **Task 7A- Bid Administration**

It is anticipated that ODOT will assume primary responsibility for the bidding/award process as is the ordinary practice for ACOG/ODOT/FHWA funded projects of this nature. CONSULTANT will serve OWNER in a support role during the bidding/award process. CONSULTANT shall also provide the specific services outlined herein.

- a. CONSULTANT shall prepare a signed/sealed Engineer's Estimate based on the final construction documents, pay items, and quantities. The Engineer's Estimate shall be presented to the OWNER for review prior to submission to ODOT.
- b. "Issue for Construction" Plans, approved by OWNER, shall be submitted by CONSULTANT to ODOT for reproduction and distribution by ODOT to prospective bidders.
- c. CONSULTANT shall attend the Pre-Bid Conference conducted by ODOT to discuss the PROJECT and answer questions from possible contractors. CONSULTANT shall provide written responses to questions received and submit to OWNER/ODOT. CONSULTANT shall review ODOT's minutes and provide written comments as required.
- d. It is anticipated that ODOT will assume primary responsibility for Bid Review and Tabulation.

## Task 7B - Construction Administration

It is anticipated that ODOT will assume primary responsibility for the construction administration as is the ordinary practice for ACOG/ODOT/FHWA funded projects of this nature. CONSULTANT will serve OWNER in a support role during the construction process. CONSULTANT shall also provide the specific services outlined herein.

- a. It is not anticipated the Addenda will be required for PROJECT. If required, CONSULTANT shall revise plans as requested by OWNER for issuance of ADDENDA by ODOT.
- b. CONSULTANT will support the ONWER and ODOT as necessary to ensure PROJECT completion. CONSULTANT will respond to any Requests for Information (RFI's) as requested by ODOT and the OWNER.
- c. CONSULTANT shall maintain a log of all RFI's and responses and provide OWNER with an RFI update as requested by the OWNER.
- d. Omitted CONSULTANT will attend pre-construction conference conducted by ODOT.
- e. Omitted CONSULTANT will attend monthly construction meetings conducted by ODOT as requisition by the OWNER.
- f. Omitted CONSULTANT will monitor work progress and construction schedule on behalf of the OWNER.
- g. Omitted CONSULTANT will represent the OWNER as necessary at miscellaneous PROJECT meetings with ODOT.

#### Task 7C - Record Drawings

Record Drawings will be prepared and submitted to the OWNER. Record Drawings will be prepared from field documents provided by ODOT. Full time inspections, periodic site visits or mapping/ surveying of as-built conditions are not included in this AGREEMENT. If field survey is required, it will be requested by the ONWER, and invoiced, under Task 2B on an "as needed basis".

## **PART VI – PLAN REQUIREMENTS**

Drawings shall conform to ordinary ODOT drafting standard and shall be 22 x 34- inches (full size) and 11 x 17-inces (half size) prints. CONSULTANT shall prepare plan and profile sheets at a 30 scale and provide and submit the required number of plan sets to complete the PROJECT. It is currently unknown the exact number of full size and half size plan sets required. For purposes of this contract, the following numbers of submittal plan sets (Plan-in-Hand & Final Plans) are included in the base fees:

- a. Full Size 16
- b. Half Size 40

Other required plan set copies will be provided as a reimbursed expense on a cost plus 15% basis. Work in progress sets and progress meeting sets will be half size and included in the base fees.

#### **PART VII – MUTUAL AGREEMENTS**

## OWNER and CONSULTANT mutually agree:

- a. SERVICES to be performed by CONSULANT shall include and encompass those services identified in "PART V ~ WORK BREAKDOWN STRUCTURE & WORK PRODUCT REQUIREMENTS".
- b. CONSULTANT shall hold the OWNER as a confidential client. CONSULTANT shall make no statements or publish any materials regarding any investigations to any party on behalf of the OWNER without prior written authorization from the OWNER. CONSULTANT shall refer all questions regarding this AGREEMENT and the work defined herein the OWNER.
- c. Because the CONSULTANT has no control over the cost of labor, materials or equipment furnished by others, CONSULTANT'S Opinion of Probable Cost shall be made on the basis of its experience and qualifications as a professional engineer. CONSULTATNT does not guarantee that proposals, bids, or actual PROJECT construction costs will not vary from CONSULTANT'S construction cost estimates.
- d. When the plans are completed to the field review stage, representatives of the OWNER will accompany CONSULTANT on a field review investigation to mutually determine design features to be incorporated in the final plans.
- e. All tracings, plans, computations, specifications, and maps prepared or obtained under the terms of the AGREEMENT shall be delivered to and become the property of the OWNER. All basic survey notes and sketches, charts, computations and other data prepared or obtained under this AGREEMENT shall be made available upon request to the OWNER without restriction or limitation on their use. When an AGREEMENT is for preliminary plans only, no commitment is made or implied that would constitute a limitation on the subsequent use of the plans or the ideas incorporated therein for preparation of construction plans.
- f. CONSULTANT shall furnish all engineering services, labor, equipment, and incidentals as may be required to perform this AGREEMENT, except as may be otherwise specifically provided for herein.
- g. CONSULTANT shall sign the final product of CONSULTANT'S efforts submitted to the OWNER and affix the appropriate Oklahoma seal as proof of Professional engineer registration in the State of Oklahoma.
- h. CONSULTANT and/or surveyor shall place his professional seal of endorsement and signature on all the documents, survey information and engineering data furnished to the OWNER when such is required by the Level or Type of Service defined by this AGREEMENT and additionally, as may be required by State Law.
- i. CONSULTANT and it's sub-consultants are to maintain all books, documents, papers, accounting records and other evidence pertaining to costs incurred and to make such materials available at its respective offices at all reasonable times, during the AGREEMENT period for three (3) years from the date of final payment under the AGREEMENT, for inspection by the OWNER and copies thereof shall be furnished to the OWNER, and if required, to ODOT.

# **ATTACHEMENT B**

# **PROJECT SCHEDULE**

Article 4 of the AGREEMENT is amended and supplemented to include the following agreement of the parties

It is understood and agreed that the date of beginning, rate of progress, and the time of completion of SERVICES under this AGREEMENT are essential provisions of this AGREEMENT. It is further understood and agreed that the services under this Agreement shall commence upon execution of the AGREEMENT between OWNER & CONSULTANT and after receipt of a written Notice to Proceed from the CONSULTANT. The parties mutually agree that time is of the essence in the performance of this AGREEMENT in order for OWNER to have advantage of existing funding. SUBCONSULTANT agrees to provide SERVICES for each phase of PROJECT as stated in Attachment A – Scope of Services, in accordance with the time frame as stated below:

#### TASK/ MILESTONE

## **ANTICIPATED COMPLETION DATE**

Notice to Proceed	April 10, 2013
Pre-Design Services (60 days)	June 18, 2013
Preliminary Design Review Meeting	July 18, 2013
Design Services (60 days)	September 18 2013
60% Plan-in-Hand Meeting	October 8, 2013
Environmental Clearance	November 2013
Final Plans (95% - Not Bid Set - 45 days)	December, 2013
Submit TIPS to ACOG	January, 2013
ROW Acquisition Documents Final	April, 2014
Anticipated Construction	March 2015

The parties further agree that CONSULTANT will meet this schedule using standards and procedures for their submissions consistent with those currently used by Engineers/Surveyors practicing in Oklahoma. This schedule excludes the governing agency review time (except as provided above) and anytime lost while CONSULTANT is waiting for direction either by government agency or OWNER, and any excusable delays as described in Article 15 of the AGREEMENT.

Dates indicated are dependent upon timely review by OWNER & ODOT, environmental Clearance, Right-of-Way Acquisition, Utility Relocations, and other factors beyond direct control of CONSULTANT.

## Attachment C

#### **COMPENSATION**

Article 5 of the AGREEMENT is amended and supplemented to include the following agreement of the parties.

## 1. PAYMENTS FOR SERVICES AND EXPENSES OF CONSULTANT

#### A. Types of Services

1. FOR BASIC SERVICES (as described in Attachment A - Scope of Services) The CONSULTANT shall be paid a fee of two hundred forty-nine thousand, six hundred forty-six dollars (\$249,646.00) with the following breakdown:

Phase 1	Pre-Design Services		
riidae 1	rie-Design Services	\$ 38,460	Lump Sum
Phase 2	Design Aditional Services	\$ 20,000	Estimated Fee
Phase 3	Design Services	\$ 164,555	Lump Sum
	3A. Traffic Signal Plans (est. 5 sheets)	\$ 16,675	
	38. Preliminary Report	\$ 26,980	
	3C. Preliminary Plans (60%)	\$ 58,400	
	3D. Final Plans (Final PS&E)	\$ 62,500	
Phase 4	Environmental Clearance Support Services	\$ 7,315	Lump Sum
Phase 5	R/W Acquisition Support Services		
	Recoupment District Legals and (3) Exhibits	\$ 4,200	Lump Sum
Phase 6	Utility Relocation Coordination	\$ 8,760	Lump Sum
Phase 7	Bidding and Construction Services	\$ 6,356	Lump Sum
	TOTAL (w/out \$20K Phase 2 Contingency)	\$ 229,646	

AL (W/out \$20K Phase 2 Contingency) \$

TOTAL S 249.646

\* Expenditures will be on an "As Requested Basis" and invoiced according to Standard Labor Rates for Additional Services.

#### **B. Times of Payment**

- 1. CONSULTANT shall submit monthly statements for services rendered for BASIC and ADDITIONAL SERVICES in accordance with the paragraphs below:
  - a. For BASIC SERVICES, the compensation will be based on CONSULTANT's estimate of the proportion of the total services actually completed at the time of billing and agreed upon by OWNER.
  - b. For ADDITIONAL SERVICES compensation will be based on the CONSTULTANT's actual number of manhours rendered at the time of billing plus itemized reimbursable expense (multiplied as set forth in the Fee Schedule).
- 2. OWNER shall make prompt monthly payments in response to CONSULTANT's monthly statements.

# **TETRA TECH RATE SCHEDULE**

The following hourly i	rates shall apply as	described in Attachment B and shall be made a part of the
Agreement dated the _	day of	2013. (List effective January 1, 2013)

## I. PROFESSIONAL FEES BASED ON TIME

**Project Administrator** 

Project Assistant 2

The hourly rates set forth below include all salaries, benefits, overhead and other indirect costs including federal, state and local taxes, plus profit.

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Professional Services		
Senior Project Manager	\$198.	00
Project Manager 1	\$155.0	
Project Manager 2	\$155.K \$185.K	
Senior Engineer 2	\$185.0	
Senior Engineer 1	\$165.0	
Project Engineer 2	\$140.0	
Project Engineer 1	\$140.0	
Engineer 3	\$114.0	
Engineer 2	\$98.0	
Engineer 1	\$86.0	
Senior Technician 3	\$120.0	
Senior Technician 2	\$115.0	
Senior Technician 1	\$107.0	
Technician 3	\$97.0	
Technician 2	\$87.0	
Technician 1	\$53.0	
Senior CAD Designer 2	\$120.0	
Senior CAD Designer 1	\$115.0	
CAD Designer	\$95.0	
CAD Technician 3	\$82.0	
CAD Technician 2	\$74.0	
CAD Technician 1	\$62.0	
Eng Designer 3	\$118.0	
Eng Designer 2	\$103.0	
Eng Designer 1	\$88.0	0
Sr. Constr Project Rep 2	\$95.00	
Sr. Constr Project Rep 1	\$89.00	0
Construction Project Rep 2	\$78.00	כ
Construction Project Rep 1	\$62.00	0
Sr. Construction Administrator	\$116.00	)
Construction Administrator	\$92.00	
Sr. Project Administrator	\$99.00	)

\$90.00

\$65.00

Project Assistant 1	\$45.00
Sr. Consultant 2	
Sr. Consultant 1	\$125.00
Consultant 2	122.00
Consultant 1	\$88.00
Systems Analyst/Programmer 2	\$60.00
Systems Analyst/Programmer 1	\$77.00
Sr. Project Analyst	\$67.00
Project Analyst 2	\$140.00
Project Analyst 1	\$110.00
Troject Analyst 1	\$68.00

#### II. DIRECT COSTS

- A. Travel. Travel from the office on Project-related business will be billed at the hourly rates specified in Section I above. Charges for transportation, taxis, meals, lodging, gratuities, etc., will be billed at cost plus 15% markup. Automobile travel (mileage) shall be billed at current approved government rates plus 15% markup.
- B. Computer. Computer time charges on Project-related business will be billed at a rate not to exceed \$3.10 per hour.
- C. Outside Reproduction/Other Outside Services. Direct costs such as large-volume printing, shipping or other outside services will be billed at cost plus 15% markup.
- D. Other. All other direct costs not covered herein shall be invoiced to the client at direct cost plus 15% for handling. All such charges shall be mutually agreed upon prior to submission to the client.

#### **IV.** ADJUSTMENT CLAUSE

The rates and costs described in this Agreement may be revised annually.

## ATTACHMENT D

# **OWNER'S RESPONSIBILITIES**

Article 6 of the AGREEMENT is amended and supplemented to include the following agreement of the parties.

#### I. OWNER RESPONSIBILITIES

- OWNER shall furnish to CONSULTANT all available information pertinent to PROJECT including previous reports, and any other relative to design and construction of PROJECT.
- 2. OWNER shall be responsible for all permit fees.
- OWNER shall examine all studies, reports, sketches, estimates specifications, plan drawings, proposals, and any other documents presented by the CONSULTANT and render in writing decisions pertaining thereto within a reasonable time so as not to delay SERVICES of CONSULTANT.
- 4. OWNER shall designate in writing a person to act as its representative in respect to the work to be performed under this AGREEMENT, and such person shall have complete authority to transmit instructions, receive information, interpret, and define OWNER's policies and decisions with respect to materials, equipment, elements, and systems pertinent to the services covered by this AGREEMENT.
- 5. OWNER shall furnish legal assistance as required in the preparation, review, and approval of construction documents.
- 6. OWNER shall furnish assistance in existing OWNER-owned underground utilities and expediting their relocation in preparation for construction.
- OWNER shall provide for meeting facilities (or arrange for meeting facilities) for all PROJECT meetings with OWNER or Public Meetings in connection with PROJECT.

#### II. SPECIAL RESPONSIBILITIES

- OWNER shall furnish to CONSULTANT traffic studies as may be required for by ACOG, ODOT, and/or FHWA for consideration of PROJECT funding and/or PROJECT letting. The CONSULTANT shall not perform additional traffic studies as part of this contract.
- 2. OWNER shall furnish Certificates of Title, Appraisals, and Right-of-Way Acquisition necessary for utility relocations and/or proposed construction of PROJECT.
- The OWNER will prepare the required Public Notice and the notifications for mail out for right-of-entry for the environmental clearance. The OWNER will notify ODOT, City Council, and Politicians of Public Meeting Schedule.
- 4. The OWNER will attend pre-construction conference conducted by ODOT.
- OWNER will attend monthly construction meetings conducted by ODOT as requisition by the OWNER.
- 6. OWNER will monitor work progress and construction schedule.
- 7. OWNER will represent, as necessary, miscellaneous PROJECT meetings with ODOT.