

Geotechnical Engineering &
Environmental Services



Construction Testing &
Inspection Services

May 10, 2000

Mr. David Riggs, Assistant City Engineer
City of Mason
214 West Main Street
Mason, Ohio 45040

Re.: Professional Services Contract for Construction Inspection Services
Roadway Improvements Project in Mason, Ohio
TesTech Proposal No.: T-00-186

Dear Mr. Riggs:

TesTech Inc. is pleased to submit this revised proposal for providing **construction inspection services** for the above-referenced project. Enclosed please find our unit rate fee schedule for Inspection Services.

Frank Williams, an experienced certified engineering technician will be utilized to perform all necessary inspection, and reporting for the referenced project. Our inspection will be performed in accordance with applicable ASTM procedures in conjunction with Ohio D.O.T Construction and Materials Specifications and the City of Mason Standards. Also, we will assign an engineer to direct TesTech's work on the project and be available for consultation as required. TesTech utilizes state-of-the-art-technology for soils and concrete testing and analysis. Technicians will be available for additional testing as required on a "will call" basis.

Scope of Service:

Construction Inspection: (Water Main, Sanitary Sewer, Storm Drain, Curbs, and Pavements etc.)
Construction Quantity Itemization
Report Generation

Based on our conversation the estimated fees for services is \$16,000 (for approximately eight weeks)

We appreciate your consideration of TesTech for this work and look forward to assisting you on this and future projects.

Sincerely yours

TesTech Inc.

David C. Oakes, P.E., P.S.

Attachments:

Fee Schedule
Work Authorization Sheet
Scheduling Special Terms and Conditions

2000 TESTECH FIELD SERVICES RATES

EARTHWORK & ASPHALT TESTING & INSPECTION SERVICES

<u>Field Technician</u>	<u>Hourly Rate</u>
	29.00
Deep Foundation Inspection	
Subgrade Inspection	
Shallow Foundation Inspection/Reinforcing Steel	
Monitoring & Testing of Controlled Fills	
Field Monitoring of Asphalt Placement (including temperature & compaction)	
Asphalt Batch Plant Inspection	
Asphalt Coring	

CONCRETE TESTING & INSPECTION

<u>Field Technician</u>	<u>Hourly Rate</u>
	29.00
Field Monitoring of Concrete Placement	
Molding of Concrete, Mortar and/or Grout Test Cylinders & Beams	
Slump, Air, Temperature, & Unit Weight of Concrete	

<u>Senior Technician</u>	<u>Hourly Rate</u>
	35.00
Floor Flatness Testing	

<u>Compressive Strength of Concrete Cylinder Per Cylinder</u>	<u>Per Cylinder</u>
	11.00

ENGINEERING SERVICE

PRINCIPAL ENGINEER	99.00/Hour
PROJECT ENGINEER	89.00/Hour
STAFF ENGINEER	79.00/Hour

TesTech will bill 0.10 hour project engineer time on each field technician work hour for review of field reports.

STRUCTURAL STEEL & FIREPROOFING TESTING & INSPECTION

<u>Certified Welding Inspector</u>	<u>Hourly Rate</u>
	55.00

<u>Senior Technician</u>	<u>Hourly Rate</u>
	40.00
Shear Stud, Bolted Connection & Fireproofing Inspection	

TRAVEL & EQUIPMENT CHARGES

MILEAGE	0.39/Mile
NUCLEAR DENSITOMETER	30.00/ Day
DIPSTICK (Ff/FI)	150.00/ Day

TesTech offers complete geotechnical, environmental, construction, and materials testing and inspection services. For further information on services not detailed here, please call our office.

Geotechnical Engineering &
Environmental Services

TES TECH

Construction Testing &
Inspection Services

Contact **Larry Holland**
Construction Materials &
Geotechnical Testing Services

1700 Lyons Road
Dayton, Ohio 45458

Phone 937-435-8584
Fax 937-291-6549
email: testech@voyager.net

PROJECT: ROADWAY IMPROVEMENTS IN MASON, OHIO
PROPOSAL NO: T-00-186
DATE: MAY 10, 2000

SPECIAL TERMS AND CONDITIONS
Construction Materials Testing and Inspection Services

SCHEDULING: Client to provide to TesTech, at no cost, a set of construction plans, structural plans, shop drawings, project specifications and soils report prior to scheduling on site inspection. TesTech should be notified before 4 p.m. the day before our services are required for the scheduling or cancellation of services. After that time, we will make every effort to schedule or cancel, but can not guarantee.

In the event the TesTech technician has been sent to the site as scheduled and the required inspection is cancelled without notification to TesTech of this cancellation prior to the departure of our personnel from our office, a minimum charge will be assessed from technician time and transportation at their unit rates stated above.

TesTech should be notified for shop inspection (Structural Steel) before any fabrication. Welder's certification should be available for review. TesTech should be notified for field bolt tension and joist bearing inspection at the start of erection and no less than 48 hours prior to metal deck placement.

BILLING: Hourly rates will be billed in half hour increments. Technician time will be billed portal to portal with a four-hour minimum and a mileage fee (except for sample pickups). Technician's time in excess of 8 hours or scheduled on third shifts, holidays, Saturdays, and Sundays will be billed at an overtime rate (1.5 times the regular unit fee).

TesTech will not bill for secretarial and typing tasks. TesTech will bill 0.10 hour Project Engineer time on each field technician work hour for reviewing field reports.

One copy of the report will be distributed and mailed in accordance with your instructions. Additional copies will be billed at the rate of \$ 0.10 per sheet. Courier service delivery of reports requested by client will be charged at cost + 18%.

TesTech proposals are valid for 60 days from the date of issuance. After that TesTech will have options to conduct the services for the rates originally quoted, negotiate a new schedule of services and fee with potential client, or forfeit the work.

OTHER: The client holds TesTech harmless for delays in construction caused by breakdown of testing equipment or unanticipated conditions at the subject project. These delays may require TesTech to dispatch an Engineer at the earliest possible time to assess the conditions and provide corrective recommendations.

Please be advised that TesTech reserves the right to withhold all reports until such time as we receive a signed proposal or other written authorization to proceed with the work as outlined herein.

Declarations for compacted fill in buildings and roadways will be provided for those areas identified by a certified site grade stake out and monitored on a full time basis by our office. These declarations will be in effect for 90 days after completion of fill operations monitored by this office. Delay in starting actual construction improvements may be cause for this office to perform additional tests at the client's expense to verify that conditions remain unchanged from the last day of TesTech's full time soil fill control inspection.

PROFESSIONAL SERVICE AGREEMENT

THIS AGREEMENT, is made and entered into this 16th day of May, 2000, by and between CITY OF MASON, whose address is 202 West Main Street, Mason, Ohio 45040 ("Mason") and TESTECH, CONSTRUCTION TESTING AND INSPECTION SERVICES ("Service Provider").

SECTION 1. GENERAL DESCRIPTION OF PROJECT

Mason hereby retains Service Provider to perform and Service Provider hereby agrees to perform the professional services described in Section 2 according to the terms and conditions outlined herein. The project for which such services will be provided is generally described as follows:

Provide construction testing and inspection services for projects within the City of Mason.

SECTION 2. GENERAL DESCRIPTION OF PROFESSIONAL SERVICES

The Professional Services to be provided by Service Provider are identified below and are more fully described in the "Scope of Services" (Attachment A to this Agreement), which is incorporated herein by reference (the "Services"):

Construction inspection and testing of several Municipal Projects, including:

Tylersville Road Widening
2000 Street Resurfacing and Maintenance Programs
Various traffic signal construction projects

Any services beyond those identified in this Agreement shall be considered Additional Services as more fully described in Section 6.16 and shall be authorized in writing by an Addendum to this Agreement executed by both parties.

SECTION 3. CONTACT PERSON

Mason and Service Provider shall each appoint a contact person who shall have the authority to act on behalf of each party, including, by way of illustration and not by way of limitation, to define the scope of the Services, transmit instructions, receive information, and recommend changes in Professional Services. Any additional or revised fees must be approved by City Council. The contact person for Mason shall be: David R. Riggs, Assistant City Engineer and the contact person for the Service Provider shall be: Larry King, P.E., P.S.

SECTION 4. DATE OF COMMENCEMENT

The Date of Commencement for Services provided pursuant to this Agreement shall be the date on which the Agreement is fully executed. Service Provider shall perform its services with due and reasonable diligence consistent with sound professional practice.

SECTION 5. COMPENSATION AND DURATION

This Agreement shall remain in effect and the Service Provider shall provide all services necessary as provided herein on or before August 15th, 2000. Upon any default by the Service Provider, Mason may, at its sole discretion, in addition to any other remedies provided at law or in equity, terminate the Agreement, withhold outstanding compensation, and/or seek reimbursement for cost and time lost as a result of the Service Provider's inability to complete the Services by the agreed to completion date.

The Service Provider shall be entitled to receive a sum not to exceed \$16,000.00 for providing the all requested Services.

SECTION 6. TERMS AND CONDITIONS

6.1 Delayed Services: If services are delayed as a result of the Service Provider, Mason may seek remedial action as described in Section 5.

If services are disrupted or delayed as a result of the actions of Mason, the duration date specified in Section 5 of this Agreement shall be modified. If services are delayed for more than 365 days, the fees may be equitably renegotiated and mutually agreed to be the parties hereto.

If services are delayed as a result of occurrences beyond the control of Mason or the Service Provider for more than 365 days, this contract and completion date may be extended upon mutual agreement of the parties hereto.

6.2 Invoice Procedures and Payment: Service Provider shall submit invoices to Mason for Services rendered during each invoicing period, which shall generally be on a monthly basis. The amount of each invoice shall be determined on an hourly Basis for the Services accomplished during the invoicing period. Such invoices shall also separately list reimbursable expenses, if applicable. Such invoices shall be submitted not more frequently than monthly by Service Provider and shall be due and payable by Mason according to Mason's standard billing procedure.

Mason hereby acknowledges that unpaid invoices shall accrue interest at 1.5 percent per month after such invoices have been outstanding for over 60 days of receipt of the invoice; provided, however, that no interest will be assessed when a valid dispute has arisen between the parties.

6.3 Expert Witness Services: It is understood and agreed that Service Provider's services under this Agreement do not include any participation in any litigation. Should such services be required, a Professional Service Agreement Addendum may be negotiated between Mason and Service Provider describing the services desired and providing a basis for compensation to Service Provider.

6.4 Opinion of Probable Construction Cost/Cost Estimates: Mason hereby acknowledges that Service Provider cannot warrant that opinions or estimates of probable construction or operating costs provided by Service Provider will not vary from actual costs incurred by Mason. However, Service Provider shall be bound by and perform this service consistent with sound professional practice.

6.5 Indemnification: Service Provider agrees to indemnify and hold harmless Mason, its agents, officials and employees, against any and all suits or claims that may be based on any injury to persons or property to the extent that such suits or claims are a result of an negligent or wrongful error, omission or act of Service Provider or any person employed by Service Provider.

6.6 Insurance: Service Provider shall carry, on all operations hereunder, workers compensation insurance, commercial general liability insurance, professional liability insurance, and automobile liability insurance. Mason must approve any such insurance and Mason shall be named as a co-insured under any such policy. Service Provider must provide Mason a current copy of each insurance policy prior to commencement of Services. Service Provider shall continue to provide current insurance through the duration of this Agreement.

6.7 Assignment/Third Parties: Neither Mason nor Service Provider will assign or transfer its interest in this Agreement without the written consent of the other. Service Provider, however, does reserve the right to subcontract any portion of the Services with prior written consent of Mason. Service Provider shall insure and be liable for the work of its subcontractors. Nothing in this Agreement shall be construed as creating any rights, benefits, or causes of actions for any third party against Mason.

6.8 Suspension, Termination, Cancellation, or Abandonment: Mason may, upon written notice, terminate this agreement at any time for its convenience. In the event the Project identified in this Agreement is suspended, canceled, or abandoned by Mason and except as expressly provided otherwise in Section 5, or upon any other default by Service Provider under this agreement, shall be compensated for the Services provided and reimbursable expenses incurred up to the date of suspension, cancellation, or abandonment. If Mason delays or suspends Service Provider's services for more than 180 days, then Service Provider may terminate this Agreement upon giving fifteen (15) days' written notice. Mason may terminate this Agreement upon the Service Provider filing for bankruptcy, insolvency, or assignment for the benefit of creditors. Except as expressly provided otherwise in this Agreement, either party may terminate this Agreement for cause upon 30 days' written notice of a substantial failure by the other party to perform in accordance with the terms of this Agreement through no fault of the terminating party. The party receiving such termination notice shall have the right to correct its failure within seven days of receiving said notice.

Pursuant to Section 5 of this Agreement, Service Provider shall not be obligated to commence services until this Agreement is fully executed. If Mason fails to execute this Agreement within 60 days of the date of receipt by Mason, Service Provider shall have the right to revise fees or revoke any proposal related to the services.

6.9 Disputes: If a dispute between the parties arises out of or relates to this Agreement, or the breach thereof, then the parties agree to make a good faith effort to settle the issue through direct discussion between the parties prior to having recourse to a judicial forum. In the event of any litigation, the prevailing party shall be entitled to recover reasonable attorneys' fees.

6.10 Standard of Care: Service Provider agrees to perform services in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances. Service Provider agrees to perform services in accordance with any applicable federal, state, or local law or regulation.

6.11 Waiver: Any failure by Mason to require strict compliance with any provision of this Agreement shall not be construed as a waiver of such provision, and Mason may subsequently require strict compliance at any time, notwithstanding any prior failure to do so.

6.12 Relationship: Service Provider is an independent contractor to Mason in performing its Services under this Agreement and is not an employee, agent, joint-venturer, or partner of Mason.

6.13 Mason's Responsibilities: Mason shall provide Service Provider all pertinent data, criteria, and information including but not limited to design objectives and constraints, space and use requirements, operational information, budgetary limits, flexibility and expandability requirements, and any other available project data such as sketches, reports, prior designs, soil tests, surveys, and plans. Service Provider shall be entitled to rely on any and all information provided pursuant to this provision. Mason shall review Service Provider's work thoroughly and promptly, provide direction as necessary, and, if Mason at any time becomes aware of any defect, shall give notice of such defect in the work or services provided. Mason shall provide access to the project site.

6.14 Severability: Any provision of this Agreement later held to be unenforceable for any reason shall be deemed void, and all remaining provisions shall continue in full force and effect.

6.15 Electronic/CADD Documents: Service Provider shall include electronic computer-aided design and drafting (CADD) files. Unless specifically directed otherwise by Mason prior to execution of this Agreement, electronic files shall be developed based on Service Provider's standard practice. In the case of any discrepancy or difference between electronic files and hard copies of drawings or files, hard copies shall control.

Service Provider shall not make or permit to be made any copies or any modification to electronic media, plans, and specifications without the prior written authorization of Mason. Mason hereby authorizes Service Provider to make copies or permit its constituents to make copies as contemplated by or in the attached Scope of Services. Mason shall not be liable for any erroneous information supplied by Service Provider or third party that Service Provider relies upon and incorporates into an electronic file, or other documents, plans, and specifications.

6.16 Addendum/Additional Services: Any modification of this Agreement or additional obligation assumed by either party in connection with this Agreement shall be binding only if evidenced in writing signed by each party or an authorized representative of each party. The Agreement also may be modified by a formal, written amendment, change order or work change directive.

In addition, the requirements of this Agreement may require minor variations and deviations in the work or services provided. This work shall not be considered to be additional services outside of the scope of Section 2 work by either party and may be authorized by the City Engineer's approval. Notwithstanding the foregoing, items of work and additional materials not included in the estimate of the original Agreement and in an amount in excess of \$10,000.00 shall be authorized only in written modifications to the Agreement.

Mason may, at its sole discretion, authorize alterations or modifications in the specifications and plans or eliminate from the Project any portion thereof. Before the Service Provider revises any work or service, the change in price for the revised services shall have been agreed upon in writing.

6.17 Entirety of Agreement: This Agreement embodies the entire agreement and understanding between the parties, and there are no other agreements and understandings, oral or written, with reference to the subject matter hereof that are not merged herein and superseded hereby. No alteration, change, or modification of the terms of this Agreement shall be valid unless made in writing and signed by both parties hereto, except that all terms and conditions contained in a Client purchase order or other standard or preprinted work authorization issued by Mason shall be null and void, even if such document is of later date. This Agreement shall be governed by the laws of the state where the services are performed. This Agreement includes this document and, by this reference, incorporates the following as if fully set forth herein:

- Attachment A: Scope of Services
- Attachment B: Compensation
- Attachment C: Special Terms and Conditions

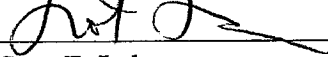
6.18 Notices: Any notice required hereunder shall be sufficiently given when sent to the signatories hereunder or to the above-named contact person via United States certified mail, return receipt requested, or via overnight courier with receipt verification to the address set forth herein, or by personally delivering such notice to the party to be in receipt thereof.

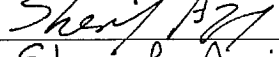
6.19 Confidentiality: Service Provider agrees to hold in confidence and not disclose to anyone other than (i) those of its employees required to know; and (ii) other City Staff any and all information and data provided by Mason which it knows or has reason to know is confidential, without the prior written consent of Mason. This provision shall be an ongoing requirement and shall survive the termination and expiration of this Agreement.

IN WITNESS WHEREOF, this Agreement, which is subject to the terms and conditions of Sections 1 through 6 and Attachment(s), is accepted as of the date first written above.

CITY OF MASON, OHIO

SERVICE PROVIDER

Signed: 
 Typed Scot F. Lahrmer
 Title: City Manager
 Date: _____

Signed: 
 Typed Sherif Aziz, P.E.
 Title: President, TesTech
 Date: 5/16/00