

Village of Villa Park

No. 87263

20 South Ardmore Avenue Phone 630/834-8500
VILLA PARK, ILLINOIS 60181-2696

PURCHASE ORDER

THIS NUMBER MUST APPEAR ON ALL CORRESPONDENCE, INVOICES, SHIPPING PAPERS AND PACKAGES.

Civiltech Engineering Inc
TO: 450 E Devon Ave Suite 300
Itasca IL 60143

SHIP TO:

Tax Exempt Municipality State Tax ID # E 9997-4355-06

DATE REQUISITIONED 10/12/15	REQUISITIONER Kevin Mantels <i>K.M.</i>	DEPT. HEAD Vydas Juskelis <i>V.J.</i>
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QTY. ORD.	QTY. REC.	ACCOUNT NO.	DESCRIPTION OF MATERIAL / SERVICES	UNIT PRICE	AMOUNT
.70		60.502.03.292	2016 Street Improvement Program Geotechnical Investigation Referendum Streets (70%)	\$10,756.00	\$ 7,529.20
.30		60.502.10.292	Non-Referendum Streets (30%)	\$10,756.00	\$ 3,226.80
			TOTAL		\$10,756.00

BY  VILLAGE MANAGER

BY  FINANCE DIRECTOR

ORIGINAL - TO VENDOR

NOT VALID UNLESS SIGNED BY AUTHORIZED PERSONNEL

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BY *[Signature]*
VILLAGE MANAGER

BY *[Signature]*
FINANCE DIRECTOR

RECEIVING DEPT.

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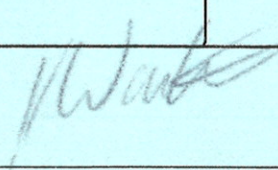
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BY  VILLAGE MANAGER

BY  FINANCE DIRECTOR

REQUISITIONER'S COPY

NOT VALID UNLESS SIGNED BY AUTHORIZED PERSONNEL

October 5, 2015

Mr. Jeremie Lukowicz, P.E.
Assistant Village Engineer
Village of Villa Park
20 South Ardmore Avenue
Villa Park, IL 60181

Re: 2016 Advance Geotechnical Investigation
Proposal/Agreement for Engineering Services

Dear Mr. Lukowicz:

We are pleased to submit our Proposal/Agreement to furnish professional engineering services to complete pavement and soil analysis for the 2016 Village street program. This advance work will provide the pavement condition data needed to determine the actual scope of work for the preparation of Plans, Special Provisions, Estimates and Bidding Documents for the 2016 street program.

Pavement cores will be completed and analyzed which will help determine the rehabilitation method, or confirm that reconstruction is required. On the roadways where reconstruction is already anticipated, soil borings are also proposed to be completed as part of this work.

Pavement cores and soil borings with geotechnical analysis will be completed by our subconsultant, Midland Standard Engineering and Testing. Their proposal is attached.

Civiltech will perform the following tasks:

- Coordination with Geotechnical sub-consultant
4 hours/\$0 Direct Costs
- Evaluation of pavement core and soil boring data
8 hours/\$0 Direct Costs
- Provide recommendations to the Village in the form of a Technical Memo
4 hours/\$0 Direct Costs

COMPENSATION

Labor Fee: 16 hours @ \$45.00/hr (avg.) x 2.8 = \$ 2,016.00

Direct Costs: \$0

Subconsultants: \$8,740.00

Total Fee: \$10,756.00

If this Proposal/Agreement is acceptable, please endorse one (1) copy and return it to our Itasca office. We thank you for the opportunity to work with the Village, and look forward to assisting the Village on this project.

Very truly yours,



Derek N. Mall, P.E.
Civiltech Engineering, Inc.

AUTHORIZATION



Accepted by: KEVIN MANTELS

Title: CIVIL ENGINEER II

Date: 10/13/2015



www.mset.com

MIDLAND STANDARD ENGINEERING & TESTING, INC.

558 Plate Drive, Unit 6 East Dundee, Illinois 60118

(847) 844-1895 f(847) 844-3875

September 30, 2015

Mr. Derek N. Mall, P. E.
Civiltech Engineering, Inc.
450 E. Devon Avenue, Suite 300
Itasca, Illinois 60143

Re: Proposal for Pavement Section & Subsurface Soil Investigation
2015 Street Improvement Program
Villa Park, Illinois

Dear Mr. Mall:

We are pleased to have the opportunity to submit the following proposal for the performance of a pavement section and subsurface soil exploration with a summary report for the referenced project.

Project Description and Scope of Work

The proposed exploration program consists of performing eight (8) soil borings to a depth of ten feet (with the pavement section cored) and sixteen (16) pavement cores with shallow depth subgrade probes on the following road sections scheduled for reconstruction:

Area 1 - Wildfire, Harvard, Yale, Princeton, Ardmore	5 cores & 2 borings
Area 2 - Home Avenue	2 cores
Area 3 - Summit Avenue	4 cores
Area 4 - Monroe Street	4 borings
Area 5 - Leslie Lane	3 cores
Area 6 - Harrison Street, Orchard Hill Court	2 cores & 2 borings

Method of Performance - Field Work

The soil borings will involve drilling test holes with a truck mounted drill rig that incorporates standard penetration testing and split-spoon sampling at 2-1/2 foot intervals. The borings will be performed in compliance with the current State of Illinois, Geotechnical Manual.

The pavement cores will be made with a 4-inch diameter core barrel/electric drill setup to sample all pavement components. A sample of the subgrade soil will be obtained with hand auguring equipment at each core location.

In our proposal, we have assumed that the final locations and elevations will be determined by the design engineer or will be referenced to centerline stationing provided by the design engineer.

Method of Performance - Analysis and Report

The roadway profile boring information will be present on boring logs and the pavement section core data will be tabulated. The results of this field exploration and laboratory testing would be used in an analysis and formulation of our recommendations. Major subject areas for our analysis, recommendations and report would consist of stating the subsurface soil and ground water conditions, a tabulation of the existing pavement section, and a review of subgrade conditions with recommendations for treatment areas/pavement rehabilitation. A written report summarizing and presenting the data and recommendations will be prepared by a Registered Professional Engineer.

Timing

We will begin on work after notice to proceed. We plan on mobilizing and doing all the borings and cores concurrently. Preliminary field data will be provided by October 19.

Fees

We propose to provide this work at the unit rates quoted on the attached Schedule of Services and Fees, Attachment 1.1. These estimated quantities and unit rates are based on information as outlined in this proposal and experience on past projects. On the basis of the above information, we estimate that these services can be provided for a fee of **\$ 8,740.00**.

General

MSET is acquainted with the local subsurface conditions and has participated in the planning, development and execution of numerous roadway soil explorations in this area. We are looking forward to working with you on this project.

Respectfully submitted,
MIDLAND STANDARD ENGINEERING & TESTING, INC.



William J. Wyzgala, P.E.
Project Engineer

WJW

Enclosure: Attachments 1.1 and General Conditions

ATTACHMENT 1.1
SCHEDULE OF SERVICES AND FEES

2016 Street Program
Villa Park, Illinois

<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit Cost</u>	<u>Extension</u>
<u>Field Services</u>			
Mobilization of equipment, traffic control and personnel; lump sum	1	\$400.00	\$400.00
Pavement Core w/ Shallow Depth Subgrade Probe, ea	16	\$175.00	\$2,800.00
Pavement Core w/ Ten Foot Deep Soil Boring, ea	8	\$320.00	\$2,560.00
		Field Services Total:	\$5,760.00
 <u>Laboratory Services</u>			
Moisture Content Determinations, ea	51	\$6.00	\$306.00
Soil Classification, Grain Size by Hydrometer and Atterberg Limits, each	2	\$179.00	\$358.00
		Laboratory Services Total:	\$664.00
 <u>Engineering Services for Pavement Survey Including:</u>			
Layout Coordination w/Design Engineer			
Utility Clearance and Permits			
Preparation of Pavement Core Logs & Boring Logs			
Recommendation for Subgrade Preparation/ Treatment and New Pavement Section			
Summary Report Preparation, Consultation			
		Estimated Cost:	\$2,316.00
		TOTAL:	\$8,740.00

MIDLAND STANDARD ENGINEERING & TESTING, INC.

FEE AND RATE SCHEDULE GENERAL CONDITIONS

ENGINEERING AND ASSOCIATED SERVICES

Fees for our services will be based upon the time worked on the project at the following rates:

	Rate Per Hour
Project Engineer	
Project Mgr./Sr. Engineer, P.E.	
Project Engineer, P.E.	
Sr. Staff/Field Engineer	
Field Engineer	See attached
Eng. Technician	proposal
Sr. Technician	for rates
Technician	
CAD Draftsman	
Draftsman	
Word Processing	

OVERTIME RATES: Applicable to all classifications below Staff Eng. - O.T. Rates are 1.40 times straight time

REIMBURSABLE EXPENSES

The following items are reimbursable to the extent of actual expenses:

1. Transportation, lodging and subsistence for out of town travel
2. Long distance telephone, telegraph and cable charges.
3. Special mailings and shipping charges.
4. Special materials and equipment unique to the project.
5. Automobile travel on projects.
6. Computer charges.

TEST BORINGS AND FIELD INVESTIGATIONS

On projects requiring test borings, test pits, or other explorations, we may obtain the services of reputable subcontractors to perform such work.

SPECIAL RATES

Per Diem or other special rates can be established for specific projects when conditions indicate the desirability of such rates.

INCREASES

Fee schedule increases made by our firm on an over-all client basis will be applied to work on all projects as they become effective. At least 30 days advance notice of such increases will be given.

ACCESS TO SITES

Unless otherwise agreed, the Client will furnish us with right-of-access to the site in order to conduct the planned exploration. We will take responsible precautions to minimize damage to the site due to our operations, but have not included in the fee the cost of restoration of any damage resulting from the operations. If the Client desires, we will restore any damage to the site and add the cost of restoration to the fee.

WE RESERVE THE RIGHT TO SUSPEND OR TERMINATE WORK UNDER ORAL AGREEMENT UPON FAILURE OF THE CLIENT TO PAY INVOICES AS DUE.

INSURANCE

We maintain Workman's Compensation Insurance and Employer's Liability Insurance in conformance with state law. In addition, we maintain Comprehensive General Liability Insurance and Automobile Liability Insurance with bodily injury (limit \$1,000,000 each occurrence, \$1,000,000 aggregate) and property damage (limit \$1,000,000 each occurrence, \$1,000,000 aggregate).

Within the limits of said insurance, we agree to hold the client harmless from and against loss, damage, injury or liability arising directly from the negligent acts or omissions of ourselves, our employees, agents, subcontractors and their employees and agents. If the client placed greater responsibilities upon us or requires further insurance coverage, we if specifically so directed will take out additional insurance (if procurable) to protect us, at the clients' expense. But we shall not be responsible for property damage from any cause, including fire and explosion, beyond the amounts and coverage of our insurance.

LIMITATION OF PROFESSIONAL LIABILITY

The Client recognizes the inherent risks connected with construction. In performing our professional services, we will use that degree of care and skill ordinarily exercised, under similar circumstances, by reputable members of our profession practicing in the same or similar locality. No other warranty, express or implied, is made or intended by the proposal for consulting service or by furnishing oral or written reports of the findings made. It is agreed that the Client will limit any and all liability, claim for damages, cost of defense or expenses to be levied against us on account of any design defect, error, omission, or professional negligence to a sum not to exceed \$50,000, or the amount of our fees, whichever ever is greater.

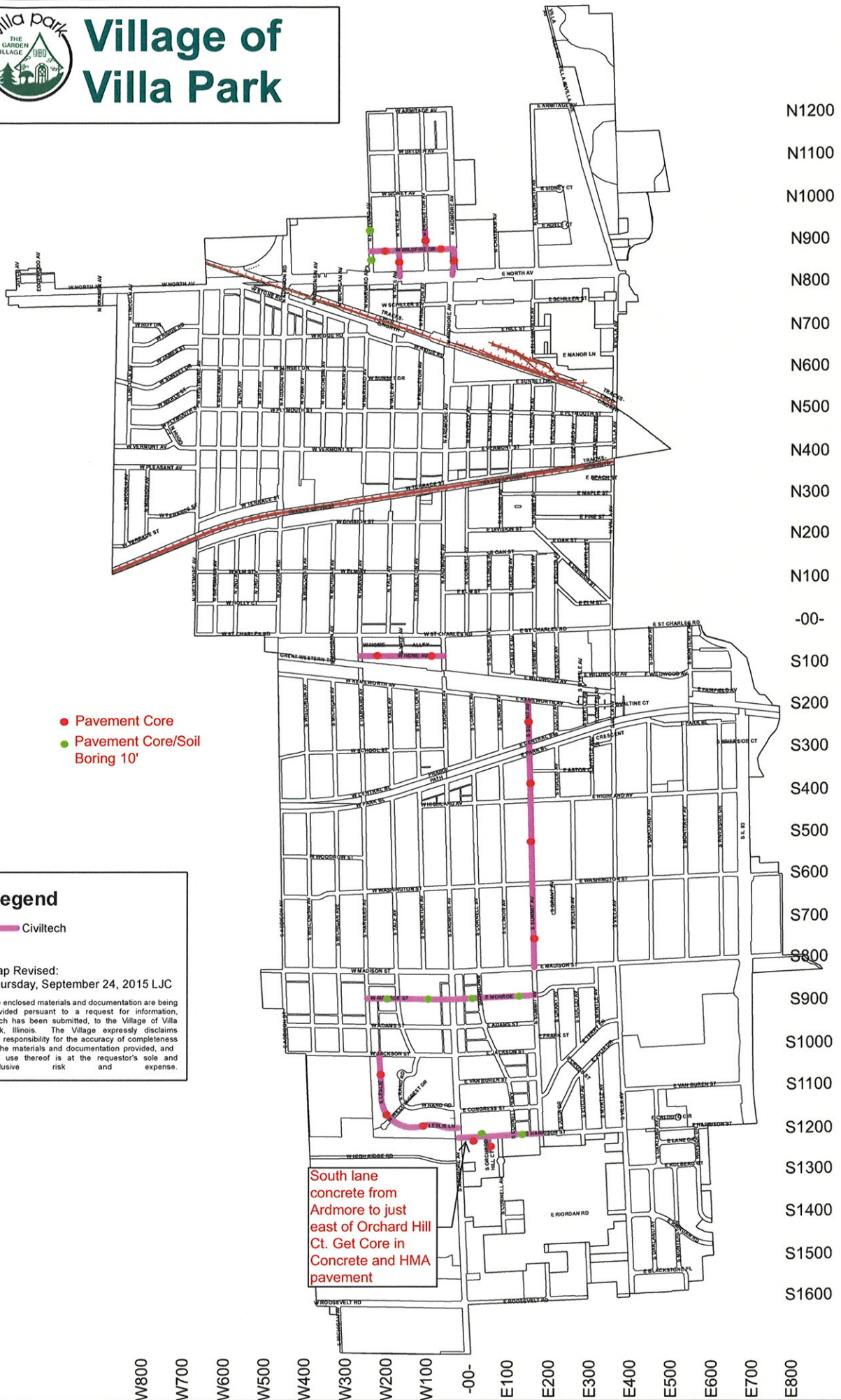
INVOICES

Progress invoices will be submitted to the client monthly and a final bill will be submitted upon completion of the services. Invoices will show charges for different personnel and expense classifications. A more detailed separation of charges and data will be provided at clients request, but each invoice is due on presentation and is past due thirty (30) days from invoice date. Client agrees to pay a finance charge of 1 1/2% per month, or the maximum rate allowed by law on past due accounts.

The client's obligation to pay for the work contracted is in no way dependent upon the clients ability to obtain financing, zoning, approval of governmental or regulatory agents, or upon the client's successful completion of the project.



Village of Villa Park



- Pavement Core
- Pavement Core/Soil Boring 10'

Legend

— Civiltech

Map Revised:
Thursday, September 24, 2015 LJC

The enclosed materials and documentation are being provided pursuant to a request for information, which has been submitted, to the Village of Villa Park, Illinois. The Village expressly disclaims any responsibility for the accuracy of completeness or the materials and documentation provided, and any use thereof is at the requestor's sole and exclusive risk and expense.

South lane concrete from Ardmore to just east of Orchard Hill Ct. Get Core in Concrete and HMA pavement