

**VILLAGE OF DOWNERS GROVE**  
**REPORT FOR THE VILLAGE COUNCIL WORKSHOP**  
**FEBRUARY 27, 2007 AGENDA**

SUBJECT:	TYPE:	SUBMITTED BY:
2007 Geotechnical and Material Testing Services	Resolution Ordinance ✓ Motion Discussion Only	David H. Barber, P.E. Director of Public Works

**SYNOPSIS**

A motion is requested to authorize a contract with Claude H. Hurley Company of Elmhurst, Illinois in the not-to-exceed amount of \$121,850 for geotechnical engineering services.

**STRATEGIC PLAN ALIGNMENT**

The Five Year Plan and Goals for 2006-2011 identified *Top Quality Village Infrastructure and Facilities*. A supporting objective of this goal is *Improved Neighborhood Infrastructure Curbs, Gutters, Streets, and Sidewalks*.

**FISCAL IMPACT**

Funds have been included for professional services in several Capital projects for 2007. In the Capital Improvements Fund (Fund 220) we have identified \$89,000 specifically for materials testing and in the Water Fund another \$32,250 has been included for this service for a total amount of \$121,850. These services would be authorized under specific work orders with individual not-to-exceed amounts and in accordance with the unit prices specified in the contract.

**RECOMMENDATION**

Approval on the March 6, 2007 consent agenda.

**BACKGROUND**

On February 2, 2007, Staff issued a request for proposals (RFP) to provide professional geotechnical testing services, including soils and material inspections and analyses, relating to Village capital improvement projects for FY 2007. RFP's were advertised on both the Village's website and Demandstar.

Completed responses were received on February 13, 2007 from the following seven firms:

American Geoengineering, Inc.  
 Claude H. Hurley  
 ECS, Inc.  
 SEECO Environmental Services  
 Wang Engineering, Inc.  
 HH Holmes  
 S.A.M.

Glendale Heights  
 Elmhurst, Illinois  
 Buffalo Grove, Illinois  
 Tinley Park, Illinois  
 Lombard, Illinois  
 Wheeling, Illinois  
 Lombard, Illinois

The proposals were reviewed using five criteria: general qualifications; testing facilities and capabilities; demonstrated experience; key staff; and proposed services/fees. Upon review, Staff determined that each company demonstrated the ability to adequately perform all requested services.

Unit prices for various testing services that are commonly used for capital projects were requested from each proposer. Last year the most frequently utilized services were: Field Technician; Soil Density Determination; Hollow Flight Auger; Asphalt Density Determination; and Concrete Cylinder Test (see Exhibit "A"). The actual contract awarded is based on the unit prices for these services with a not-to-exceed limit of \$121,850.

No single firm has the lowest price for all five of these most frequently utilized services. Claude H. Hurley Company is lowest on one of the five. American Geoengineering is lowest on two. H.H. Holmes is lowest on the remaining two. Although Hurley's prices for three of the five services are more than the other two proposers, Hurley's overall cost for the most frequently utilized services used last year would amount to approximately \$5,000 to \$7,000 dollars less than American Geoengineering and HH Holmes if the same number of services were used this year. Overall Hurley also has more of the lowest unit prices included in their proposal than other proposers.

Based on past experience with Claude H. Hurley Company staff knows they can provide the requested services and complete the assignments effectively and efficiently providing a good value to the Village.

The State of Illinois previously adopted changes to the state law that identifies the difference between taking competitive bids for the purchase of equipment or the process by which a government entity may take proposals for specific professional services. Under this law, the Village takes "bids" when purchasing but it may not take "bids" for professional services. The Village may take proposals that evaluate the professional capabilities of an architect, an engineer or a land surveyor. However, if the Village has a "satisfactory relationship for services with one or more firms" it is not required to take proposals. In considering proposals for professional services, the Village may consider the ability of professional personnel, past record and experience, performance data on file, willingness to meet time and budget requirements, location, workload of the firm and such other factors as the Village may determine in writing as applicable. Following a determination that the professional service provider meets the requirements of the Village, a price for services can be negotiated under state law.

## **ATTACHMENTS**

Comparison of proposal unit prices  
Signed contract proposal

**DEPARTMENT OF PUBLIC WORKS  
2007 GEOTECHNICAL & MATERIAL TESTING SERVICES**

**MT-2007**

**COMPARISON OF PROPOSAL PRICES RECEIVED 2/13/07**

**American    ECS    Hurley    H.H. Holmes    S.A.M.    SEECO    WANG**

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>
<b>PROFESSIONAL PERSONNEL SERVICE</b>								
CHIEF ENGINEER	HOUR	\$80	\$220	\$127.50	\$190	\$105	\$160	\$130.84
PRICIPAL ENGINEER	HOUR	\$70	\$150	\$127.50	\$145	\$95	\$160	\$130.84
SENIOR ENGINEER	HOUR	\$65	\$115	\$97.50	\$145	\$85	\$130	\$112.10
PROJECT ENGINEER	HOUR	\$60	\$95	\$82.50	\$145	\$80	\$110	\$71.78
STAFF ENGINEER	HOUR	\$60	\$70	\$62.50	\$145	\$75	\$85	\$63.06
<b>TECHNICAL AND SUPPORT PROFESSIONAL SERVICES</b>								
LAB/ENGINEER TECHNICIAN	HOUR	\$50	\$75	\$62.50	\$75	\$75	\$80	\$72.10
FIELD TECHNICIAN	HOUR	\$60	\$75	\$62.50	75-90	\$80	\$90	\$80.47
DRAFTSMAN/CADD OPERATOR	HOUR	\$50	\$55	\$65	\$60	\$75	\$80	\$53.36
SECRETARY	HOUR	\$40	\$48	N/C	\$60	\$35	\$45	\$42.23
CLERK	HOUR	\$40	\$48	N/C	\$60	\$30	NO PRICE	\$42.23
<b>DRILLING, SAMPLING, AND CORING</b>								
MOBILIZATION/DEMOBILIZATION OF TRUCK MOUNTED ROTARY RIG, TOOLS AND TWO MAN DRILLING CREW PER RIG	EACH	\$200	\$600	\$450	\$350	\$350	350.00	\$550.00
CONTINUOUS FLIGHT AUGER BORING	HOUR	\$225	\$200	\$195	\$185	\$175	NO PRICE	\$275
HOLLOW FLIGHT AUGER BORING, SOLID STEM AUGER OR ROLLER BIT WITH SPLIT SPOON SAMPLING AT 2.5 FOOT INTERVALS TO TEN FEET; FIVE FEET THEREAFTER:								
0-50 FOOT DEPTH	HOUR	\$225	\$200	\$195	\$185	\$200	\$280	\$275
50-100 FOOT DEPTH	HOUR	\$225	\$250	\$195	\$185	\$200	\$280	\$275
SHELBY TUBE SAMPLES, 2" O.D.	EACH	\$20	\$42	\$20	\$30	\$45	\$40	\$40
SHELBY TUBE SAMPLES, 3" O.D.	EACH	\$30	\$42	\$30	\$30	\$55	\$45	\$45
BAG SAMPLES AT SPECIFIED DEPTH, FOR PROCTOR TEST	EACH	\$50	\$75	\$50	\$175	\$25	\$50	\$50
ROCK CORING	HOUR	\$225	\$325	\$300	\$185	\$475	\$280	\$275

Most frequently utilized services @ most competitive price

**DEPARTMENT OF PUBLIC WORKS  
2007 GEOTECHNICAL & MATERIAL TESTING SERVICES**

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<u>DECRPTION</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE</u>
<b>LABORATORY TESTING (SOILS)</b>								
VISUAL CLASSIFICATION, INCLUDING POCKET PENETROMETER READINGS	EACH	\$5	\$4	\$3	\$30	\$4	\$5	NO PRICE
DENSITY DETERMINATION (SOIL)	TEST	\$5	\$6	\$4	\$10	\$4	\$6	\$5.50
SIEVE ANALYSIS, DRY, 7 SIEVES	TEST	\$50	\$75	\$45	\$150	\$60	\$85	\$52
SIEVE ANALYSIS, WASHED, 7 SIEVES	TEST	\$60	\$95	\$45	\$150	\$75	\$95	\$60
COMBINED HYDROMETER AND SIEVE ANALYSIS (ASTM D 422)	TEST	\$100	\$150	\$65	\$225	\$95	\$125	\$97.50
ATTERBERG LIMITS, LL, PL (ASTM D 423, 424)	TEST	\$50	\$75	\$65	\$150	\$60	\$75	\$60
SPECIFIC GRAVITY DETERMINATION (ASTM D 854)	TEST	\$50	\$50	\$30	\$150	\$55	\$55	\$48.50
NUCLEAR MOISTURE/DENSITY GAUGE	DAY	\$20	\$35	N/C	\$40	\$30	56.00	\$15.00
STANDARD PROCTOR COMPACTION (ASTM D 698)	TEST	\$95	\$150	\$135	\$160	\$135	\$160	\$143.50
MODIFIED PROCTOR COMPACTION (ASTM D 1557)	TEST	\$125	\$175	\$145	\$175	\$155	\$170	\$162.50
ILLINOIS BEARING RATIO TEST, INCLUDING PROCTOR DENSITY	TEST	\$225	\$350	\$450	\$200	\$500	\$450	\$395
DENSITY DETERMINATION, INCLUDING MOISTURE CONTENT TEST (ASPHALT)	TEST	\$35	\$300	\$11.50	\$40	\$15	\$20	\$20

Most frequently utilized services @ most competitive price

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<b>LABORATORY TESTING (CONCRETE AND ASPHALT)</b>								
CONCRETE MIX DESIGN, PER MIX	EACH	\$400	\$550	\$250	\$550	\$750	\$300	\$850
CONCRETE AGGREGATE TEST:								
FINE AGGREGATE SIEVE ANALYSIS	TEST	\$60	\$100	\$45	\$130	\$75	\$95	\$60
COARSE AGGREGATE SIEVE ANALYSIS	TEST	\$60	\$50	\$45	\$130	\$75	\$95	\$52
FINE AGGREGATE - SPECIFIC GRAVITY AND ABSORPTION	TEST	\$50	\$60	\$25	\$150	\$100	\$120	\$85
COARSE AGGREGATE - SPECIFIC GRAVITY AND ABSORPTION	TEST	\$50	\$50	\$25	\$150	\$100	\$120	\$65
COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS	TEST	\$18	\$12.50	\$12	\$11	\$15	\$18	\$15
EXTRACTION FOR ASPHALT CONTENT	TEST	\$120	\$150	\$65	\$200	\$120	\$140	\$135
MARSHALL STABILITY & FLOW (ASTM D6927)	TEST	\$120	\$125	\$115	\$225	\$120	\$225	\$210
BULK SPECIFIC GRAVITY (ASTM D2726)	TEST	\$75	\$100	\$40	\$200	\$50	NO PRICE	\$55
MAXIMUM SPECIFIC GRAVITY, BIG D (ASTM D2041)	TEST	\$75	\$50	\$125	\$200	\$50	NO PRICE	\$55

Most frequently utilized services @ most competitive price

**IV. PROPOSAL/CONTRACT FORM (VILLAGE COPY)**

**\*\*\*THIS PROPOSAL, WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE VILLAGE OF DOWNERS GROVE, SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.**

**Entire Block Must Be Completed When A Submitted Bid Is To Be Considered For Award**

**PROPOSER:**

Claude H. Hurley Company  
Company Name

Date: 2-13-07

175 West First Street  
Street Address of Company

Packerfan175@ameritech.net  
Email Address

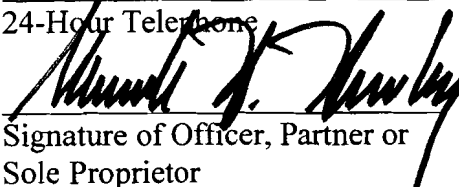
Elmhurst, Illinois 60126  
City, State, Zip

Claude H. Hurley, P.E.  
Contact Name (Print)

630-279-7762  
Business Phone

630-279-9532  
24-Hour Telephone

630-279-7795  
Fax

  
Signature of Officer, Partner or Sole Proprietor

Claude H. Hurley, President  
Print Name & Title

ATTEST: If a Corporation

Bette A. Rischer  
Signature of Corporation Secretary

**VILLAGE OF DOWNERS GROVE:**

\_\_\_\_\_  
Authorized Signature

ATTEST:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature of Village Clerk

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

In compliance with the specifications, the above-signed offers and agrees, if this Proposal is accepted within **90** calendar days from the date of opening, to furnish any or all of the services upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.