

VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL WORKSHOP
MARCH 11, 2008 AGENDA

SUBJECT:	TYPE:	SUBMITTED BY:
2008 Material Testing Services	Resolution Ordinance ✓ Motion Discussion Only	Robin A. Weaver Interim Director of Public Works

SYNOPSIS

A motion is requested to authorize award of a contract with Claude H. Hurley Co. of Elmhurst, Illinois, with a not-to-exceed amount of \$161,000 for geotechnical engineering and materials testing services in FY08. These services would be provided under specific Letters of Agreement with individual not-to-exceed amounts and in accordance with the unit prices contained in their January 31, 2008, proposal.

STRATEGIC PLAN ALIGNMENT

The Five Year Plan and Goals for 2007-2012 identified *Top Quality Village Infrastructure and Facilities*. A supporting objective of this goal is *Improved Neighborhood Infrastructure Curbs, Gutters, Streets, Sidewalks, Stormwater and Drainage System*.

FISCAL IMPACT

The FY08 Municipal Budget provides \$161,000 within various.

RECOMMENDATION

Approval on the March 18, 2008, consent agenda.

BACKGROUND

In January 2008, staff sought Requests for Proposals to provide professional geotechnical engineering services, including soils and material inspections and analyses, relating to Village capital projects for FY08. The RFP was advertised on both the Village's website and Demandstar.

Completed responses were received on February 1, 2008 from the following nine firms:

Vendor	Proposed Price*
Claude H. Hurley Co., Elmhurst, Illinois	\$157,727.25
K&S Engineers, Inc., Lombard, Illinois	\$163,997.30
GSG Consultants, Inc., Chicago, Illinois	\$166,618.20
ECS-Illinois, LLC, Buffalo Grove, Illinois	\$185,227.25
S.E.E.C.O. Consultants, Inc., Tinley Park, Illinois	\$186,423.30
S.A.M. Consultants, Inc., Lombard, Illinois	\$192,670.45
Terracon Consulting Engineering, Naperville, Illinois	\$193,522.75
Wang Engineering, Inc., Lombard, Illinois	\$196,309.10
P.S.I., Inc., Elgin, Illinois	\$205,681.80

* projection, see below

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 44 different services were requested from each proposer. No single firm has the lowest price for all 44 of these services. In order to best determine the firm which would provide the best value to the Village, the five most frequently utilized services were compared on a head-to-head basis. The services are: Project Engineer; Field Technician; Density Determination (ASTM D 2216); Nuclear Gauge (asphalt testing) Rental; and Concrete Cylinder Compression Test (see Exhibit "A") and represent, on average, 88 percent of the total value of the Village's previous geotechnical engineering and materials testing contracts. The figures shown in the above table represent the proposer's individual unit prices for the five services multiplied by the estimated amount of each of those services based upon the expanded CIP. The result was then projected upward from the 88 percent factor to a 100 percent level. The Claude H. Hurley Co. was found to provide the best value to the Village.

Hurley's field staff members are not union members. However, the State mandates and the Village requires that anyone working on Fixed-Works projects must pay prevailing wage. Hurley has demonstrated compliance with this law.

Hurley provided testing services for the Village for a period of 13 years prior to 2005 and the experience with them was positive. Their staff was found to be well-skilled and dependable.

ATTACHMENTS

Contract forms

**DEPARTMENT OF PUBLIC WORKS
2008 GEOTECHNICAL & MATERIAL TESTING SERVICES**

MT-2008

COMPARISON OF PROPOSAL PRICES RECEIVED 2/1/08

DESCRIPTION	COMPANY NAME	ECS	GSG	Hurley	K&S	PSI	S.A.M.	SEECO	Terracon	WANG
		UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
PROFESSIONAL PERSONNEL SERVICE	UNIT									
CHIEF ENGINEER	HOURLY	\$ 225.00	\$ 150.00	\$ 127.50	\$ 125.00	\$ 185.00	\$ 110.00	\$ 160.00	\$ 120.00	\$ 130.84
PRICIPAL ENGINEER	HOURLY	\$ 160.00	\$ 125.00	\$ 127.50	\$ 125.00	\$ 150.00	\$ 100.00	\$ 160.00	\$ 120.00	\$ 130.84
SENIOR ENGINEER	HOURLY	\$ 120.00	\$ 80.00	\$ 97.50	\$ 110.00	\$ 121.50	\$ 90.00	\$ 115.00	\$ 105.00	\$ 112.10
PROJECT ENGINEER	HOURLY	\$ 95.00	\$ 68.00	\$ 82.50	\$ 95.00	\$ 104.00	\$ 80.00	\$ 97.00	\$ 95.00	\$ 71.78
STAFF ENGINEER	HOURLY	\$ 75.00	\$ 60.00	\$ 62.50	\$ 85.00	\$ 85.00	\$ 70.00	\$ 85.00	\$ 85.00	\$ 63.06

TECHNICAL AND SUPPORT PROFESSIONAL SERVICES										
LAB/ENGINEER TECHNICIAN	HOURLY	\$ 71.00	\$ 68.00	\$ 62.50	\$ 50.00	\$ 67.50	\$ 65.00	\$ 73.00	\$ 75.00	\$ 72.10
FIELD TECHNICIAN	HOURLY	\$ 71.00	\$ 65.00	\$ 62.50	\$ 59.00	\$80/\$88	\$ 75.00	\$ 73.00	\$ 75.00	\$ 80.47
DRAFTSMAN/CADD OPERATOR	HOURLY	\$ 60.00	\$ 55.00	\$ 65.00	\$ 50.00	\$ 70.00	\$ 45.00	\$ 75.00	\$ 45.00	\$ 53.36
SECRETARY	HOURLY	\$ 48.00	\$ 40.00	N/C	\$ 40.00	\$ 52.00	\$ 35.00	\$ 46.00	\$ 25.00	\$ 42.23
CLERK	HOURLY		\$ 35.00	N/C	\$ 40.00	\$ 52.00	\$ 30.00	\$ 40.00	\$ 25.00	\$ 42.23
MILEAGE	MILE	\$ 0.65								

DRILLING, SAMPLING, AND CORING										
ATV MOBILIZATION/DEMobilIZATION OF TRUCK MOUNTED ROTARY RIG, TOOLS AND TWO MAN DRILLING CREW PER RIG	EACH	\$ 600.00	\$ 300.00	\$ 350.00	\$ 250.00	\$ 500.00 \$ 400.00	\$ 425.00	\$ 400.00	\$ 300.00	\$ 550.00
CONTINUOUS FLIGHT AUGER BORING	FOOT	\$ 12.00		\$ 14.00		\$ 24.00				
	HOURLY	\$ 225.00	\$ 165.00	\$ 225.00	\$ 220.00		\$ 180.00	\$ 195.00	\$ 12.00	\$ 275.00
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	HOURLY FOOT	\$ 225.00 \$ 18.50	\$ 165.00	\$ 225.00 \$ 17.50	\$ 230.00 \$ 24.00	\$ 200.00	\$ 195.00	\$ 15.00	\$ 275.00 \$ 29.00
50-100 FOOT DEPTH	HOURLY	\$ 225.00	\$ 165.00	\$ 225.00	\$ 240.00		\$ 225.00	\$ 195.00	\$ 20.00	\$ 275.00
	FOOT	\$ 23.00		\$ 20.50		\$ 28.00				\$ 29.00
SHELBY TUBE SAMPLES, 2" O.D.	EACH	N/A	\$ 25.00	\$ 20.00	\$ 25.00	\$ 40.00	\$ 45.00	\$ 40.00	\$ 20.00	\$ 40.00
SHELBY TUBE SAMPLES, 3" O.D.	EACH	\$ 42.00	\$ 35.00	\$ 30.00	\$ 30.00	\$ 45.00	\$ 55.00	\$ 40.00	\$ 30.00	\$ 45.00
BAG SAMPLES AT SPECIFIED DEPTH, FOR PROCTOR TEST ROCK CORING SETUP ROCK CORING	EACH	\$ 55.00	\$ 20.00	\$ 50.00	\$ 25.00	\$ 15.00	\$ 25.00	\$ 50.00	\$ 50.00	\$ 50.00
	EACH	\$ 175.00								
	HOURLY	\$48/FT	\$ 165.00	\$ 300.00	\$ 280.00	\$ 250.00	\$ 350.00	\$ 250.00	\$ 35.00	\$ 275.00

**DEPARTMENT OF PUBLIC WORKS
2008 GEOTECHNICAL & MATERIAL TESTING SERVICES**

MT-2008

COMPARISON OF PROPOSAL PRICES RECEIVED 2/1/08

DESCRIPTION	COMPANY NAME	ECS	GSG	Hurley	K&S	PSI	S.A.M.	SEECO	Terracon	WANG
		UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
LABORATORY TESTING (SOILS)	UNIT									
VISUAL CLASSIFICATION, INCLUDING POCKET PENETROMETER READINGS	EACH	\$ 7.00	\$ 5.00	\$ 3.00	\$ 10.00	\$ 2.00	\$ 4.00	\$ 6.00	\$ 10.00	
DENSITY DETERMINATION (SOIL)	TEST	\$ 20.00	\$ 20.00	\$ 4.00	\$ 25.00	\$ 5.00	\$ 15.00	\$ 3.00	\$ 15.00	\$ 5.50
SIEVE ANALYSIS, DRY, 7 SIEVES	TEST	\$ 75.00	\$ 90.00	\$ 45.00	\$ 75.00	\$ 85.00	\$ 75.00	\$ 80.00	\$ 85.00	\$ 52.00
SIEVE ANALYSIS, WASHED, 7 SIEVES	TEST	\$ 95.00	\$ 95.00	\$ 45.00	\$ 75.00	\$ 85.00	\$ 85.00	\$ 90.00	\$ 95.00	\$ 60.00
COMBINED HYDROMETER AND SIEVE ANALYSIS (ASTM D 422)	TEST	\$ 175.00	\$ 165.00	\$ 65.00	\$ 120.00	\$ 130.00	\$ 105.00	\$ 140.00	\$ 175.00	\$ 97.50
ATTERBERG LIMITS, LL, PL (ASTM D 423, 424)	TEST	\$ 85.00	\$ 68.00	\$ 65.00	\$ 90.00	\$ 75.00	\$ 75.00	\$ 78.00	\$ 60.00	\$ 60.00
SPECIFIC GRAVITY DETERMINATION (ASTM D 854)	TEST	\$ 85.00	\$ 47.00	\$ 30.00	\$ 175.00	\$ 61.00	\$ 75.00	\$ 55.00	\$ 125.00	\$ 48.50
NUCLEAR MOISTURE/DENSITY GAUGE	DAY	\$ 40.00	\$ 40.00	N/C	\$ 45.00	\$ 40.00	\$ 35.00	\$ 48.00	\$ 35.00	\$ 15.00
STANDARD PROCTOR COMPACTION (ASTM D 698)	TEST	\$ 175.00	\$ 130.00	\$ 135.00	\$ 145.00	\$ 195.00	\$ 145.00	\$ 155.00	\$ 150.00	\$ 143.00
MODIFIED PROCTOR COMPACTION (ASTM D 1557)	TEST	\$ 190.00	\$ 170.00	\$ 145.00	\$ 155.00	\$ 218.00	\$ 165.00	\$ 165.00	\$ 170.00	\$ 162.50
ILLINOIS BEARING RATIO TEST, INCLUDING PROCTOR DENSITY	TEST	\$ 450.00	\$ 350.00	\$ 450.00	\$ 375.00	\$ 500.00	\$ 500.00	\$ 475.00	\$ 375.00	\$ 395.00
DENSITY DETERMINATION, INCLUDING MOISTURE CONTENT TEST	TEST	\$ 20.00	\$ 185.00	\$ 11.50	\$ 50.00	\$ 10.00	\$ 25.00	\$ 8.00	\$ 15.00	\$ 20.00

LABORATORY TESTING (CONCRETE AND ASPHALT)										
CONCRETE MIX DESIGN, PER MIX	EACH	\$ 550.00	\$ 500.00	\$ 250.00	\$ 150.00	N/A	\$ 1,000.00	\$ 500.00		\$ 850.00
CONCRETE AGGREGATE TEST:			\$ 90.00							
FINE AGGREGATE SIEVE ANALYSIS	TEST	\$ 110.00	\$ 95.00	\$ 45.00	\$ 50.00	\$ 85.00	\$ 85.00	\$ 95.00	\$ 95.00	\$ 60.00
COARSE AGGREGATE SIEVE ANALYSIS	TEST	\$ 95.00	\$ 90.00	\$ 45.00	\$ 50.00	\$ 85.00	\$ 85.00	\$ 75.00	\$ 95.00	\$ 52.00
FINE AGGREGATE - SPECIFIC GRAVITY AND ABSORPTION	TEST	\$ 70.00	\$ 47.00	\$ 50.00	\$ 45.00	\$ 150.00	\$ 100.00	\$ 100.00	\$ 125.00	\$ 85.00
COARSE AGGREGATE - SPECIFIC GRAVITY AND ABSORPTION	TEST	\$ 60.00	\$ 47.00	\$ 50.00	\$ 45.00	\$ 150.00	\$ 100.00	\$ 95.00	\$ 135.00	\$ 65.00
COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS	TEST	\$ 12.00	\$ 12.00	\$ 12.00	\$ 14.00	\$ 16.00	\$ 17.00	\$ 11.75	\$ 14.00	\$ 15.00
EXTRACTION FOR ASPHALT CONTENT	TEST	\$ 100.00	\$ 185.00	\$ 65.00	\$ 130.00	\$ 115.50	\$ 125.00	\$ 140.00		\$ 135.00
MARSHALL STABILITY & FLOW (ASTM D6927)	TEST	\$ 125.00	\$ 130.00	\$ 115.00	\$ 40.00	\$ 294.00	\$ 125.00	\$ 130.00	\$ 300.00	\$ 210.00
BULK SPECIFIC GRAVITY (ASTM D2726)	TEST	\$ 100.00	\$ 140.00	\$ 40.00	\$ 45.00	\$ 92.40	\$ 75.00	\$ 97.50		\$ 55.00

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2008 GEOTECHNICAL & MATERIAL TESTING SERVICES**

MT-2008

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COMPANY NAME		ECS	GSG	Hurley	K&S	PSI	S.A.M.	SEECO	Terracon	WANG
MAXIMUM SPECIFIC GRAVITY, BIG D (ASTM D2041)	TEST	\$ 100.00	\$ 180.00	\$ 125.00	\$ 40.00	\$ 115.00	\$ 75.00	\$ 75.00		\$ 55.00

IV. PROPOSAL/CONTRACT FORM (Village)

*****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: 1-29-08

175 West First Street
Street Address of Company

Packerfan175@ameritech.net
Email Address

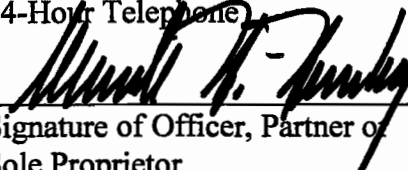
Elmhurst, Illinois 60126
City, State, Zip

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. Richee
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.

IV. PROPOSAL/CONTRACT FORM (Proposer)

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PROPOSER:

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Date: 1-29-08

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Street Address of Company

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Email Address

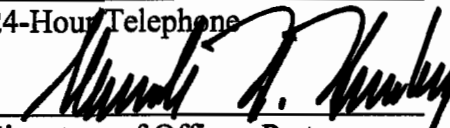
Elmhurst, Illinois 60126
City, State, Zip

Claude H. Hurley, P.E.
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Signature of Officer, Partner or Sole Proprietor

Claude H. Hurley, President
Print Name & Title

ATTEST: If a Corporation

Bette A. Richter
Signature of Corporation Secretary

VILLAGE OF DOWNERS GROVE:

Authorized Signature

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Date

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