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MEMORANDUM

TO: Mayor and City Council
Josh Tetzlaff, City Administrator

FROM: Chris Knutson, PE (Lic. MN)
City Engineer

DATE: June 30, 2026

RE: Approval of Materials Testing
SEH No. NEWPR 188030 14.00

PROPOSAL FOR CONSTRUCTION MATERIALS TESTING

A Request for Proposals (RFP) was sent to three geotechnical companies in the area for testing on the 2026 Street Improvement Project. The RFP included testing requirements meeting the MnDOT State Aid Laboratory Testing requirements and a basis of estimated testing from the schedule provided by S.M. Hentges. Only one of the three testing companies responded to the RFP, Braun Intertec. A proposal was provided with an estimated cost of \$44,420.00.

It should be noted that the fee estimate provided by Braun Intertec included \$14,250.00 for bituminous plant monitoring. As the contractor is providing bituminous material from a MnDOT certified plant within the metro area, there is a high likelihood that this service will not be needed.

The other two geotechnical companies contacted include American Engineering & Testing and Chosen Valley Testing. Chosen Valley Testing has provided materials testing on the last three street projects, though Braun Intertec provided testing on most city projects prior to 2023.

ENGINEER RECOMMENDATION

It is recommended that the Council authorize the Public Works Director to enter into the contract for Construction Materials Testing Services with Braun Intertec on behalf of the City of New Prague.

cdk

Attachment:

c: Matt Rynda, Public Works Director

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Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 11 Civic Center Plaza, Suite 200, Mankato, MN 56001-7710

507.388.1989 | 877.316.7636 | 888.908.8166 fax | sehinc.com

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Fee Estimate
10014510_001

2026 New Prague Street Imp SAP 237-112-003

Client:

Short Elliott Hendrickson, Inc.
Chris Knutson
3535 Vadnais Center Dr
Saint Paul, MN 55110-5108
(651) 490-2000

Work Site Address:

599 4th Ave SW
New Prague, Minnesota 56071

	Qty/Hours	Rate	Amount
Task 1: Construction Materials Testing			
Subtask 1.1: Soils Testing			\$2,086.00
Soil Compaction Testing - Nuclear	7.00	102.00	\$714.00
Soil Compaction Testing - Nuclear 2 Trips @ 3.5 Hr	7.00		
Soil Compaction Testing - Non Nuclear	7.00	102.00	\$714.00
Soil Compaction Testing - Non Nuclear, DCPs 2 Trips @ 3.5 Hr	7.00		
Soil Sample pick-up	2.00	102.00	\$204.00
Gradation Sample pick-up 1 Trips @ 2 Hr	2.00		
Trip Charge	5.00	60.00	\$300.00
Nuclear moisture-density meter charge, per hour	7.00	22.00	\$154.00
Subtask 1.2: Concrete Testing			\$16,704.00
Concrete Testing	48.00	102.00	\$4,896.00
Concrete Testing Curb and Gutter 6 Trips @ 3 Hr	18.00		
Concrete Testing Flatwork 10 Trips @ 3 Hr	30.00		
Concrete Cylinder Pick Up	32.00	102.00	\$3,264.00
Concrete Cylinder Pick Up 16 Trips @ 2 Hr	32.00		
Concrete Ready Mix Plant Monitoring - Concrete Plant Monitoring	48.00	128.00	\$6,144.00
Concrete Ready Mix Plant Monitoring 8 Trips @ 6 Hr	48.00		
Trip Charge	40.00	60.00	\$2,400.00
Subtask 1.3: Laboratory Testing			\$3,248.00
Soil Proctor MD Relationship (Standard) ASTM D698 each	1.00	216.00	\$216.00
Sieve Analysis with No. 200 wash (ASTM C136 and C117)	1.00	168.00	\$168.00
Asphalt Content of Aggregate Base ASTM D6307 each	1.00	176.00	\$176.00
Concrete Compressive Strength Cylinders ASTM C39 each	64.00	42.00	\$2,688.00
Concrete Compressive Strength Cylinders Curb and Gutter	24.00		
6 Sets @ 4 Qty			
Concrete Compressive Strength Cylinders Flatwork 10 Sets @	40.00		
4 Qty			
Subtask 1.4: Bituminous Plant Monitoring			\$14,250.00
Asphalt Verification Testing - Bituminous Plant Monitoring	40.00	128.00	\$5,120.00
Bituminous Plant Monitoring Verification Testing 5 Trips @	40.00		
8 Hr			
Bituminous Coring - Mark & Observe Contractor	30.00	128.00	\$3,840.00
Marking and observing Bituminous Coring 5 Trips @ 6 Hr	30.00		
Trip Charge	10.00	60.00	\$600.00
MnDOT Asphalt Verification, per sample	5.00	810.00	\$4,050.00
MnDOT Asphalt Verification, per sample 1 Ea @ 5 Qty	5.00		
Asphalt Thickness and Density of Core ASTM D3549 each	10.00	64.00	\$640.00
Detail 1 for Expense/Fee Category: Asphalt Thickness and Density of	10.00		
Core ASTM D3549 each 1 Ea @ 10 Qty			
Subtask 1.5: Project Management			\$8,132.00
Project Manager	20.00	202.00	\$4,040.00
Senior Project Manager	2.00	218.00	\$436.00
Project Assistant I	8.00	102.00	\$816.00

	Qty/Hours	Rate	Amount
Project Control Specialist I	10.00	134.00	\$1,340.00
Final Report	1.00	1,500.00	\$1,500.00
Task 1 Total:			\$44,420.00
Project Total			\$44,420.00