



CITY OF SOLON
2022 ANNUAL MATERIALS TESTING PROGRAM, CONTRACT 2022.10
BID TABULATION

ITEM NO.	DESCRIPTION	COMPARISON QTY	UNIT	GEO-SCI, Inc.		ACM Construction	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
LABORATORY TESTING SERVICES							
1	LABORATORY COMPRESSION TESTING OF CONCRETE CYLINDERS	1,500	EA	\$15.00	\$22,500.00	\$15.00	\$22,500.00
2	LABORATORY COMPRESSION TESTING OF MASONRY UNIT PRISMS	5	EA	\$20.00	\$100.00	\$17.00	\$85.00
3	FLEXURAL STRENGTH OF CONCRETE BEAMS	225	EA	\$35.00	\$7,875.00	\$40.00	\$9,000.00
4	SIEVE ANALYSIS (MECHANICAL)	10	EA	\$40.00	\$400.00	\$45.00	\$450.00
5	TOPSOIL ORGANIC CONTENT (LOSS OF IGNITION) TEST	10	EA	\$15.00	\$150.00	\$100.00	\$1,000.00
6	MOISTURE — DENSITY RELATIONSHIP OF SOILS (ASTM-698 OR 1557; STANDARD OR MODIFIED PROTECTOR)	10	EA	\$120.00	\$1,200.00	\$155.00	\$1,550.00
7	ASPHALT EXTRACTION AND GRADATION	15	EA	\$100.00	\$1,500.00	\$160.00	\$2,400.00
8	ASPHALT MARSHALL SPECIFIC GRAVITY/DENSITY	10	EA	\$60.00	\$600.00	\$65.00	\$650.00
9	ASPHALT THEORETICAL VOIDLESS DENSITY	5	EA	\$15.00	\$75.00	\$75.00	\$375.00
10	ASPHALT CORE DENSITY/THICKNESS	50	EA	\$40.00	\$2,000.00	\$30.00	\$1,500.00
FIELD TESTING SERVICES							
ENGINEERING TECHNICIAN FOR FIELD TESTING AS REQUESTED BY THE CITY INCLUDING SUCH ITEMS AS:							
11	SLUMP, TEMPERATURE, AIR CONTENT, UNIT WEIGHT OF CONCRETE, AND MOLDING OF CONCRETE TEST CYLINDERS MASONRY INSPECTION REINFORCING STEEL (RE-BAR) VERIFICATION	700	HR	\$45.00	\$31,500.00	\$50.00	\$35,000.00
ENGINEERING TECHNICIAN FOR FIELD TESTING AS REQUESTED BY THE CITY INCLUDING SUCH ITEMS AS:							
12	SLUMP, TEMPERATURE, AIR CONTENT, UNIT WEIGHT OF CONCRETE, AND MOLDING OF CONCRETE TEST CYLINDERS MASONRY INSPECTION REINFORCING STEEL (RE-BAR) VERIFICATION	25	OT-HR	\$45.00	\$1,125.00	\$75.00	\$1,875.00
SENIOR ENGINEERING TECHNICIAN FOR FIELD TESTING AS REQUESTED BY THE CITY INCLUDING SUCH ITEMS AS:							
13	FIELD DENSITY TEST FOR COMPACTION CONTROL FOUNDATION BEARING CAPACITY AND INSPECTION EARTHWORK CONSULTATION, PROOF ROLLING OBSERVATION ASPHALT TESTING AND DOCUMENTATION ASPHALT CORING	250	HR	\$50.00	\$12,500.00	\$50.00	\$12,500.00
SENIOR ENGINEERING TECHNICIAN FOR FIELD TESTING AS REQUESTED BY THE CITY INCLUDING SUCH ITEMS AS:							
14	FIELD DENSITY TEST FOR COMPACTION CONTROL FOUNDATION BEARING CAPACITY AND INSPECTION EARTHWORK CONSULTATION, PROOF ROLLING OBSERVATION ASPHALT TESTING AND DOCUMENTATION ASPHALT CORING	25	OT-HR	\$50.00	\$1,250.00	\$75.00	\$1,875.00
15	ASPHALT CORING (INCLUDES CORE EQUIPMENT AND DRILL BIT)	5	DAY	\$135.00	\$675.00	\$1,000.00	\$5,000.00
16	TRIP CHARGE	250	TRIP	\$40.00	\$10,000.00	\$50.00	\$12,500.00
17	NUCLEAR DENSITY EQUIPMENT (FOR SOIL COMPACTION TESTING)	35	DAY	\$45.00	\$1,575.00	\$25.00	\$875.00
18	VAPOR EMISSION TESTS (MOISTURE KITS)	5	EA	\$5.00	\$25.00	\$50.00	\$250.00
ENGINEERING SERVICES							
SERVICES FOR LABORATORY AND FIELD ENGINEERING, AND CONSULTATION AND PROJECT MANAGEMENT:							
19	ENGINEERING AND CONSULTATION	8	HR	\$55.00	\$440.00	\$100.00	\$800.00
				TOTAL	\$95,490.00		\$110,185.00