



CITY OF SOLON  
2020 ANNUAL MATERIALS TESTING PROGRAM, CONTRACT 2020.10  
BID TABULATION

ITEM NO.	DESCRIPTION	COMPARISON QTY	UNIT	GEO-SCI	
				UNIT PRICE	COMPARISON PRICE
<b>LABORATORY TESTING SERVICES</b>					
1	LABORATORY COMPRESSION TESTING OF CONCRETE CYLINDERS	1,500	EA	\$15.00	\$ 22,500.00
2	LABORATORY COMPRESSION TESTING OF MASONRY UNIT PRISMS	5	EA	20.00	100.00
3	FLEXURAL STRENGTH OF CONCRETE BEAMS	300	EA	35.00	10,500.00
4	SIEVE ANALYSIS (MECHANICAL)	10	EA	40.00	400.00
5	TOPSOIL ORGANIC CONTENT (LOSS OF IGNITION) TEST	10	EA	15.00	150.00
6	MOISTURE — DENSITY RELATIONSHIP OF SOILS (ASTM-698 OR 1557; STANDARD OR MODIFIED PROTECTOR)	10	EA	100.00	1,000.00
7	ASPHALT EXTRACTION AND GRADATION	15	EA	100.00	1,500.00
8	ASPHALT MARSHALL SPECIFIC GRAVITY/DENSITY	25	EA	60.00	1,500.00
9	ASPHALT THEORETICAL VOIDLESS DENSITY	10	EA	15.00	150.00
10	ASPHALT CORE DENSITY/THICKNESS	25	EA	40.00	1,000.00
<b>FIELD TESTING SERVICES</b>					
<b>ENGINEERING TECHNICIAN FOR FIELD TESTING AS REQUESTED BY THE CITY INCLUDING SUCH ITEMS AS:</b>					
11	SLUMP, TEMPERATURE, AIR CONTENT, UNIT WEIGHT OF CONCRETE, AND MOLDING OF CONCRETE TEST CYLINDERS MASONRY INSPECTION REINFORCING STEEL (RE-BAR) VERIFICATION	550	HR	40.00	22,000.00
<b>ENGINEERING TECHNICIAN FOR FIELD TESTING AS REQUESTED BY THE CITY INCLUDING SUCH ITEMS AS:</b>					
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	40.00	1,000.00
<b>SENIOR ENGINEERING TECHNICIAN FOR FIELD TESTING AS REQUESTED BY THE CITY INCLUDING SUCH ITEMS AS:</b>					
13	FIELD DENSITY TEST FOR COMPACTION CONTROL FOUNDATION BEARING CAPACITY AND INSPECTION EARTHWORK CONSULTATION, PROOF ROLLING OBSERVATION ASPHALT TESTING AND DOCUMENTATION ASPHALT CORING	150	HR	50.00	7,500.00
<b>SENIOR ENGINEERING TECHNICIAN FOR FIELD TESTING AS REQUESTED BY THE CITY INCLUDING SUCH ITEMS AS:</b>					
14	FIELD DENSITY TEST FOR COMPACTION CONTROL FOUNDATION BEARING CAPACITY AND INSPECTION EARTHWORK CONSULTATION, PROOF ROLLING OBSERVATION ASPHALT TESTING AND DOCUMENTATION ASPHALT CORING	20	OT-HR	50.00	1,000.00
15	ASPHALT CORING (INCLUDES CORE EQUIPMENT AND DRILL BIT)	5	DAY	125.00	625.00
16	TRIP CHARGE	250	TRIP	40.00	10,000.00
17	NUCLEAR DENSITY EQUIPMENT (FOR SOIL COMPACTION TESTING)	30	DAY	40.00	1,200.00
18	VAPOR EMISSION TESTS (MOISTURE KITS)	5	EA	5.00	25.00
<b>ENGINEERING SERVICES</b>					
<b>SERVICES FOR LABORATORY AND FIELD ENGINEERING, AND CONSULTATION AND PROJECT MANAGEMENT:</b>					
19	ENGINEERING AND CONSULTATION	15	HR	40.00	600.00
				<b>\$</b>	<b>82,750.00</b>