

City of Haverhill
Dr. Albert B. Consentino Middle School
Material Testing Bid Matrix
 April 5, 2024

	Material Testing RFP dated March 22, 2024	# of Tests Estimated	Unit of Measure	John Turner Consulting		Yankee Engineering		UTS of Mass	
				Unit Cost	Subtotal	Unit Cost	Subtotal	Unit Cost	Subtotal
1	CONCRETE								
a.	Cylinders Required per set: 4	30	Per set	\$88.00	\$2,640.00	\$75.00	\$2,250.00	\$80.00	\$2,400.00
b.	Inspection of controlled concrete placement with slump, air entrainment, temperature, truck timing, casting of cylinder w/delivery to testing lab.	20	Half Days	\$360.00	\$7,200.00	\$360.00	\$7,200.00	\$260.00	\$5,200.00
c.	Inspection of controlled concrete placement with slump, air entrainment, temperature, truck timing, casting of cylinder w/delivery to testing lab.	10	Full Days	\$720.00	\$7,200.00	\$560.00	\$5,600.00	\$468.00	\$4,680.00
d.	Reinforcing Steel Inspections - Half Day	15	Half Days	\$360.00	\$5,400.00	\$360.00	\$5,400.00	\$290.00	\$4,350.00
e.	Reinforcing Steel Inspections - Full Day	5	Full Days	\$720.00	\$3,600.00	\$560.00	\$2,800.00	\$522.00	\$2,610.00
2	SOILS & AGGREGATES								
a.	Soil Inspection – Half Day	20	Half Days	\$360.00	\$7,200.00	\$360.00	\$7,200.00	\$270.00	\$5,400.00
b.	Soil Inspection – Full Day	10	Full Days	\$720.00	\$7,200.00	\$560.00	\$5,600.00	\$486.00	\$4,860.00
b.	Gradation Analysis	5	Each	\$125.00	\$625.00	\$110.00	\$550.00	\$120.00	\$600.00
c.	Modified Proctor Test	5	Each	\$145.00	\$725.00	\$125.00	\$625.00	\$135.00	\$675.00
3	STRUCTURAL STEEL Per ASTM or as indicated								
a.	Shop inspection of fabrication	1	Half Days	\$500.00	\$500.00	\$1,200.00	\$1,200.00	\$600.00	\$600.00
b.	Inspection of structural steel-plumb and level, bolts	20	Half Days	\$500.00	\$10,000.00	\$650.00	\$13,000.00	\$312.50	\$6,250.00
c.	Inspection of structural steel-plumb and level, bolts	10	Full Days	\$950.00	\$9,500.00	\$1,100.00	\$11,000.00	\$562.50	\$5,625.00
4	MORTAR/GROUT Per ASTM Standards								
a.	Form mortar/grout cubes for compressive strength.	3	Half Days	\$360.00	\$1,080.00	\$360.00	\$1,080.00	\$265.00	\$795.00
b.	Laboratory pick-up of mortar/grout cubes, test and report results.	3	Each	\$200.00	\$600.00	\$180.00	\$540.00	\$75.00	\$225.00
5	COMBINATION RATES								
a.	Half Day	30	Half Days	\$360.00	\$10,800.00	\$360.00	\$10,800.00	\$290.00	\$8,700.00
b.	Full Day	10	Full Days	\$720.00	\$7,200.00	\$560.00	\$5,600.00	\$522.00	\$5,220.00
6	ASPHALT PAVING PER ASTM STANDARDS								
a.	Half Day	4	Half Days	\$500.00	\$2,000.00	\$360.00	\$1,440.00	\$275.00	\$1,100.00
b.	Full Day	4	Full Days	\$1,000.00	\$4,000.00	\$560.00	\$2,240.00	\$495.00	\$1,980.00
7	SPECIAL INSPECTION SERVICES								
a.	Field Technician for Special Inspection.	1	Half Days	\$500.00	\$500.00	\$520.00	\$520.00	\$350.00	\$350.00
b.	Professional Engineer for Special Inspections.	1	Half Days	\$900.00	\$900.00	\$800.00	\$800.00	\$750.00	\$750.00
Total Estimated Cost					\$88,870.00		\$85,445.00		\$62,370.00

Award Recommendation: TBD

*Flexible with cancellation hours

*If no parking is provided, it will be invoiced
 *Same day notifications subject to \$100