



**BILLING RATES - FY 26/27**

**DEPARTMENT NAME :**

**Civil Engineering**

**VICE-PRESIDENT AREA :**

**Provost-Academic Affairs - CECAS [College of Engineering, Computing and Applied Sciences]**

<b>DESCRIPTION OF COMMODITY OR SERVICE :</b>	<b>UNIT OF BILLING</b>	<b>FY 26/27 RATE</b>	<b>CUSTOMERS BEING SERVED</b>
<b>Rooms 23/29 Lowry (Concrete Materials Lab)</b>			
Use of Concrete Materials Labs (23/29)	Hour	\$80.00	External
Compressive Strength (ASTM C 39) a set of 3 cylinders	per each test	\$75.00	External
Flexural Strength (6' x 6" x 20" beams) for a set of two beams (ASTM C 348)	per each test	\$100.00	External
Rapid Chloride Ion Permeability (ASTM C 1202), for a set of two specimens	per each test	\$550.00	External
Accelerated Mortar Bar Test (ASTM C 1260 Test) for 3 mortar bars	per each test	\$500.00	External
Concrete Prism Test (ASTM C 1293 Test) for 3 prisms	per each test	\$750.00	External
Freeze-Thaw Durability (ASTM C 666 Test) for 2 prisms	per each test	\$550.00	External
LA Abrasion Test for Aggregates (ASTM C 131)	per each test	\$200.00	External
Strength activity index with portland cement	per each test	\$125.00	External
<b>Research Labs (off-campus):</b>			
<b>ARTS</b>			
Use of Training/Seminar Room	Day	\$125.00	External



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Use of Training/Seminar Room	Half Day	\$70.00	External
centrifuge with 4 place rotor	Hour	\$25.00	External
Troxler Gyrotory Compactor	Hour	\$30.00	External
Troxler Ignition Oven	Hour	\$30.00	External
Brookfield Rotational Viscometer	Hour	\$20.00	External
Cox Rolling Thin Film Oven	Hour	\$30.00	External
Bohlin Dynamic Shear Rheometer	Hour	\$30.00	External
PTI Vibratory Compactor	Hour	\$30.00	External
PTI Asphalt Pavement Analyzer	Hour	\$80.00	External
Cannon Bending Beam Rheometer	Hour	\$30.00	External
Interlaken Direct Tension Tester	Hour	\$30.00	External
Troxler Nuclear Asphalt Density Gauge	Hour	\$50.00	External
Prentex Pressure Aging Vessel	Hour	\$30.00	External
Oros Sound Vibration Analyzer	Hour	\$50.00	External



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Grieve Large Floor Oven	Hour	\$20.00	External
Use of Environmental Chamber	Hour	\$50.00	External
Use of AMPT	Hour	\$100.00	External
Use of Silverson Hi Shear Blender	Hour	\$20.00	External
Use of Mary Ann Sifter	Hour	\$30.00	External
Use of RoTap Shaker	Hour	\$30.00	External
Use of LA Abrasion Machine	Hour	\$50.00	External
Use of Masonry Saw	Hour	\$30.00	External
Use of Core Drill	Hour	\$30.00	External
Use of 10 kip UTM	Hour	\$80.00	External
Use of Waters HPLC	Hour	\$100.00	External
<b>WiSER</b>			
Wind Tunnel time (fans running)	Day	\$1,000.00	External



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<b>BEL - Built Environment Lab</b>			
Miniature uniaxial accelerometer w/BNC adapter plug	Day	\$7.50	External
ICP impedance head for shaker modal testing	Day	\$12.75	External
Dual purpose +/-40 lbf, 6500 Hz shaker	Day	\$140.00	External
Shaker Expansion head for base excitation	Day	\$19.00	External
Shaker Controller and Analyzer	Day	\$254.00	External
Test Support Personnel	Day	\$1,000.00	External
Flat Bed Trailer Use	Day	\$50.00	External
Use of MTS servo hydraulic rams	Day	\$600.00	External
Use of Tinius Olsen 10 kip UTM	Day	\$500.00	External
Large test frame plus actuator	Day	\$600.00	External
Use of High Speed Camera	Hour	\$150.00	External
Use of Air Cannon	Hour	\$50.00	External
Use of wall racking fixture	Day	\$600.00	External



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Use of Floor Space	SF/Day	\$1.00	External
Use of Portable Hydraulic Load System	Day	\$500.00	External
Use of vibrating wire gauge data acquisition system	Day	\$75.00	External
Use of 20 channel data acquisition system	Day	\$500.00	External
Piezoelectric Accelerometer	Day	\$25.00	External
Piezoelectric Miniature Dynamic Strain Gauge	Day	\$25.00	External
Instrumented Hammer (Small)	Day	\$20.00	External
Instrumented Hammer (Large)	Day	\$30.00	External
6 channel Data Acquisition System	Day	\$150.00	External
Shaker (17N) with Controller	Day	\$100.00	External
Laptop with Data Acquisition Software	Day	\$50.00	External
Use of Strong Floor	Day	\$600.00	External
Use of Forklift	Hour	\$30.00	External

**Transportation**



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Transportation Surveillance Van Mobilization	Day/mile**	\$85/.55**	External
** includes 150 mi/day Minimum 150 miles			
Transpo Van static data collection	Hour	\$100.00	External
Transpo Van dynamic data collection	Mile	\$10.00	External
<b>Corrosion Lab (Room 17)</b>			
Rapid Chloride Ion Permeability (ASTM C 1202), for a se	per each test	\$800.00	External
Linear Polarization Resistance Test	per each test	\$100.00	External
Cyclic Polarization Tests	per each test	\$400.00	External
Elechemical Impedance Spectroscopy	per each test	\$400.00	External
Electrical Impedance Spectroscopy	per each test	\$100.00	External
Cyclic Voltammetry Test	per each test	\$400.00	External
Other Electorchemical Tests	per each test	\$300.00	External
Half-Cell Potential	Hour	\$100.00	External
Pontentiostat	Hour	\$600.00	External



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Automatic Corrosion and Electrochemical Impedance Monitor	Hour	\$300.00	External
Advanced DC/AC power source	Hour	\$100.00	External
Scanning Electrochemical Microscope	Hour	\$1,000.00	External
<b>General</b>			
Faculty Time	Hour	\$250.00	External
Technician Time	Hour	\$100.00	External
Undergraduate Student Time	Hour	\$15.00	External
Graduate Student Time	Hour	\$30.00	External
Test Specimen Disposal Fee	Ton	\$200.00	External