

SEESL Recharge Rates and Fee Schedule

The following rates for equipment and personnel are for project planning and budgeting purposes and apply to all state and federal agencies.
 For NSF-NEESR sponsored projects: rates for equipment and personnel listed in black will be tracked for reporting purposes, and not actually charged to the project, while rates for all equipment and personnel listed in red will be charged.

*** The daily equipment and personnel rates are direct costs only.
 These rates must be multiplied by the indirect cost rate and applied by the user.
 Please contact UB-NEES/SEESL Site Operations Manager @ tma1@buffalo.edu for the applicable rate.

Item #	Equipment	Daily Rate***
TESTING SYSTEMS AND EQUIPMENT		
1	Table-1 or Table-2 (6-DOF)	\$2,100
2	Twin tables	\$4,200
3	Extension frame, Table 1 or 2	\$50
4	NCS	\$1,650
5	Laminar Box	\$890
6	Rxn Wall/Strong Floor	\$1,100
7	Strong Floor	\$520
8	40-ton crane	\$200
9	20-ton crane	\$110
10	Shake Table 5-DOF	\$2,300
11	Bearing Testing Machine (large)	\$270
12	Bearing Testing Machine (small)	\$400
13	Reaction Frame (large)	\$360
14	Reaction Frame (small)	\$180
TEST APARATUS		
15	140 ton - UTM-Tinius Olsen Machine	\$250
16	110 ton -UTM - MTS	\$370
17	Axial - Torsion MTS apparatus	\$630
ACTUATORS with CONTROLLERS		
18	1-Dynamic Actuator (3-available)	\$400
19	Actuators-dynamic medium capacity 20<100 tons	\$420
20	Actuators-dynamic small capacity <20 tons	\$220
21	1-Static Actuator (2-available)	\$330
22	Laminar Box 100 kip actuator #1 (SEESL)	\$100
23	Laminar Box 100 kip actuator #2 (NEES)	\$100
24	Actuators-static medium capacity 30<140 tons	\$350
25	Actuators-static small capacity <20 tons	\$150
HYDRAULIC EQUIPMENT		
26	Hand Pumps	\$70
27	Servovalves substitutions	\$70
28	Hydraulic manifolds - substitutions	\$170
CONTROLLERS		
29	FlexTest	\$470
30	Hybrid Controller	\$800
31	PID controllers - substitutions	\$100
MODELS		
32	Bridge Model - one span ***	\$220
33	7 Story Model***	\$500
34	6 Story Model***	\$400
35	5 Story Model***	\$400
36	Reconfigurable 1 - 6 story model***	\$400
37	Interface Block	\$250
INSTRUMENTATION (with conditioners)		
38	Accelerometers, - per 12 sensors	\$40
39	LVDT's, potentiometers -per 12 sensors	\$50
40	Load Cells (uniaxial and multiaxial) - per 4 sensors	\$15
41	Krypton 3D remote sensing system	\$170
42	Krypton LED's-Strobers-per 12 LED's	\$10
VIDEORECORDING AND STREAMING		
43	Videocamera (each)	\$10
44	Still camera (each)	\$10
45	Conferencing equipment	\$60
DATA ACQUISITION		
46	Portable data acquisition - per channel	\$2
47	Data Acquisition - per channel	\$2

Personnel

	Personnel	Daily Rate***
48	Administrative Assistant	\$400
49	Expert Student (grad) Consultant	\$320
50	Lab Technician (Mechanical/Electrical)	\$300
51	Lab Technician/Specialist (Electrical/Mechanical)	\$330
52	Senior Lab Specialist (Mechanical)	\$380
53	Senior Lab Specialist (Electrical/Instrumentation)	\$420
54	Development-Test Engineer	\$360
55	Lab Manager-Senior Operator	\$630
56	IT/Site Ops Managers	\$550
57	Expert Testing (Faculty) Consultant	\$1,250
Personnel cost includes fringe		