

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item No.	Description	Quantity	Total	Delivered, Weeks/Months
1	<p>Thermal Expansion Apparatus</p> <p><i>Features:</i></p> <p>Built-in Digital gauge: Measure the rod expansion with 0.01mm resolution.</p> <p>Built-in Thermistor: A 10k thermistor is connected directly to each tube and the temperature can be determined using a digital ohmmeter or temperature sensor.</p> <p>Heat with steam or water: The fluid used may be steam or water at any temperature.</p> <p>Three drop-in metal tubes: Each tube connects securely onto the rigid base. The other two can be simultaneously mounted on the base for convenient storage.</p> <p>Includes:</p> <ul style="list-style-type: none"> • Base with built-in dial gauge and thermistor; • Expansion tubes brass, copper and aluminum; 16mm dia. (80cm length) 	1	1	Within sixty (60) calendar days upon receipt of Notice to Proceed
2	<p>Super Pulley Force Table</p> <p><i>Features:</i></p> <p>Measure angles quickly and accurately with the built-in scale; screw in legs snap under the table for easy storage; draws vectors directly onto the laminated table top, then wipe them off when you're done; change a mass by one gram or an angle by one degree to see an immediate change into equilibrium position; ultra-low friction pulleys and the swivel function reduce.</p> <p>Includes:</p> <ul style="list-style-type: none"> • 1 unit 25cm diameter table with detachable legs; • 3 units adjustable super pulleys with clamps; • 1 pc spool of thread 	1	1	

3	<p>Discover Free Fall System</p> <p><i>Features:</i></p> <ol style="list-style-type: none"> 1. Can be used to drop almost any small object by attaching a small steel washer with a small adhesive pad (both are included in the system). 2. Using an electric switch, timing started automatically, just as the object is dropped. 3. Time-of-flight pad stops timing when the object strikes it. <p><i>Includes:</i></p> <ul style="list-style-type: none"> • 1 unit drop box • 1 unit control cable • 1 unit control box • 1 unit AC adapter • 1 unit time-of-flight receptor pad • 1 unit timer switch • 10 pcs. release washers • 50 pcs. release labels for attracting washer to object • 1 pc. small nylon ball • 1 pc. large plastic ball • 1 pcs. golf ball • 1 pc. 5/8 steel ball 	1	1	
4	<p>Projectile Launcher Wireless System Software</p> <p><i>Specification:</i> Range: 0.5, 1, 2 m Launch Angle: 0 to +90° and 0 to -45° Launcher Length: 18 cm</p> <p><i>Features:</i> Eliminate cables between the computer and the projectile launcher. It connects to the computing device via Bluetooth or USB; it does not require an interface.</p> <p><i>Includes:</i> 1 unit Wireless System Software</p> <p><i>Specification:</i> Logging: Yes Battery: Rechargeable Lithium-Polymer Connectivity Direct USB or via Bluetooth 4.0. Battery & logging stored data points memory (logging) 1 not supported battery-connected (data collection mode) 2>16 hr (>8 hr with Aux Port, Battery-logging Mode) 3 not supported battery type: LiPo</p> <p>1 unit Mini Launcher</p>	1	1	



	<p>2 steel balls with loading rod 2-D collision accessory 1 unit 45cm stainless steel rod 1 unit aluminum table clamp</p>			
5	<p>Balistic Pendulum with Launcher <i>Features:</i> Repeatable: The three velocity settings on the projectile launcher produce consistent velocities.</p> <p>Accurate: The 0-80 angle measurement scale resolves to 0.50 leading to experimental results within 2.5% of predicted values.</p> <p>Removable Pendulum: Remove the pendulum to determine its mass and center of mass, let it swing freely for rotational inertia calculations, or mount it backwards for elastic collision experiments.</p> <p>Ball and Pendulum Masses: This set includes two 50g pendulum masses, as well as two steel and two plastic balls.</p>	1	1	
6	<p>Light, Color & Optics Kit <i>Includes:</i></p> <ul style="list-style-type: none"> • 1 pc. Aluminum track • 3 pcs. Optic mounts • 1 unit rechargeable light source • 1 pc AC adapter/charger • 1 unit refraction tank • 1 unit triangular prism • 1 pc phosphorescent plastic • 1 pc 50mm convex lens-10cm FL • 1 pc 50mm concave lens-20cm FL • 1 pc 50mm concave mirror-25cm FL • 1 pc 50mm convex mirror-25cm FL • 1 pc 50mm screen • 1 pc 50mm diffraction grating • 1 pc eyeglasses 	1	1	