

## TENDER NOTICE FOR PROCURMENT OF LABORATORY INSTRUMENTS

### SPECIFICATIONS REQUIRED FOR LABORATORY INSTRUMENTS

#### 1) Surveying Lab

| SR.NO | NAME OF EQUIPMENT | SPECIFICATION   |
|-------|-------------------|-----------------|
| 1     | Metallic Tape     | 50 Meter Length |
| 2     | Metallic Tape     | 30 Meter Length |
| 3     | Metallic Tape     | 15 Meter Length |
| 4     | Steel Tape        | 5 Meter length  |

#### 2).Geotechnical Lab

| SR.NO | NAME OF EQUIPMENT  | SPECIFICATION  |
|-------|--|--|
| 1     | Sieve set-<br>(4.75mm,2.36mm,1.18mm,600micron,425micron,300micron,150micron,90micron,75micron,pan) | Usages-Soil testing<br>Material-Brass<br>Shape-Round<br>Diameter-200mm   |
| 2     | Proving Ring With Dial Gauge   | Capacity-10 KN   |
| 3     | Proctor Test Sample Extractor  | Surface Finishing-Painted,<br>Power coated<br>Material-Stainless Steel<br>Base plate-300x300mm<br>with 152.4mm dia hole. |
| 4     | Hammer   | Type-Sledge Hammer<br>ProductWeight-2kg.<br>Handle material-Fiberglass   |
| 5     | Porous Stone & Metal Stone Plate   | Size -60x60x4mm  |
| 6     | Proctor test Mould   | Size-100mm internal dia.<br>127.3mm height.<br>1000cc volume.  |
| 7     | Screwdriver Set  | Brand-Taparia<br>Colour -Green<br>Two In one   |
| 8     | Grease   | Brand-Veedol   |

### 3).Concrete Technology Lab

| SR.NO | NAME OF EQUIPMENT                                      | SPECIFICATION  |
|-------|--|--|
| 1     | Sieve set-<br>(2.36, 4.75, 10,12.5,16,20,25mm<br>,pan) | Usages-Aggregate testing<br>Material-GI<br>Shape-Round<br>Diameter-300mm                         |
| 2     | Measuring Cylinder                                     | Capacity-500ML<br>Material-Glass   |
| 3     | Measuring Cylinder                                     | Capacity-1000ML<br>Material-Plastics   |
| 4     | Laboratory Metallic Tray                               | Material-Metal<br>Shape-Rectangular<br>Finishing-Painted<br>Size-300x450mm                       |
| 5     | Le-Chatlier Appratus With Glass<br>Plate               | Material –Stainless Steel<br>Dia-30mm<br>Height-30mm<br>Length-150mm<br>Glass Plate Size-50x50mm |
| 6     | Trowel   | Material-Steel<br>Handle Material-Wood<br>Size/Dimension-150mm                                   |
| 7     | Vicat Appratus Glass Plate                             | Material-Glasss<br>Size-102x102mm  |
| 8     | Cement Compressive Strength<br>Mould                   | Material –Brass<br>Size-70.6x70.6x70.6mm   |
| 9     | Safety Glows   | Material –Rubber Material  |

### 4).Strength of material Lab

| SR.NO | NAME OF EQUIPMENT   | SPECIFICATION   |
|-------|---|---|
| 1     | Rockwell and Brinell-Indenter set<br>with Sample Specimen Plate-<br>HEICO | Diamond Cone 120.<br>1/16" (1.588mm) Steel ball.<br>1/8" (3.175mm) Steel ball.<br>1/4" (6.35mm) Steel ball.<br>1/2"(12.7mm) Steel ball. |
| 2     | Rebound Hammer Rubbing Stone.   | Make from Porous Materials.   |