

## Tender for purchase of electronic components and accessories

1. Wire wound resistor:
  - (a) Resistance = 1 ohm, Power rating 75W, Aluminium Housing, Axial Termination. Temperature coefficient +/-100ppm/C. Tolerance +/-5% (Quantity = 30).
  - (b) Resistance = 470 milliohm, Power rating 75W, Aluminium Housing, Axial Termination. Temperature coefficient +/-100ppm/C. Tolerance +/-5% (Quantity = 25).
  - (c) Resistance = 1 Ohm, Power rating 150 W, Aluminium Housing, Axial Termination. Temperature coefficient +/-100ppm/C. Tolerance +/-5% (Quantity = 20).
  - (d) Resistance = 470 milliohm, Power rating 150W, Aluminium Housing, Axial Termination. Temperature coefficient +/-100ppm/C. Tolerance +/-5% (Quantity = 20).
  
2. Die-cast aluminium Box with cover for circuit enclosure and shielding
  - (a) Dimensions LxWxH = 50x50x31mm (quantity=5)
  - (b) Dimensions LxWxH = 101x50x25mm (quantity=20)
  - (c) Dimensions LxWxH = 112x62x31mm (quantity=5) with screws for each box.
  
3. 50 ohm BNC-female bulkhead jack with solder terminal (quantity=50)
  
4. Heat conducting compound paste- one pack.
  
5. Thermally conductive pad with electrical isolation, thermal conductivity=1.5W/m-K. Dimension = 110mm and width=72mm. Package HS250.
  
6. IGBT
  - (a) IRG7PH50UPbF (Quantity=30)
  - (b) GA200SA60UP with SOT227 packaging (Quantity=5)
  
7. Aluminium Heat Sink
  - (a) Thermal resistance=0.55K/W, Dimensions LxWxH=200x160x40 mm. Flat top surface. (Quantity=10).
  - (b) Thermal resistance=0.72K/W, Dimensions LxWxH=125x200x25 mm. Flat top surface. (Quantity=2)
  - (c) Thermal resistance=0.33K/W, Dimensions LxWxH=250x200x40 mm. Flat top surface. (Quantity=3)
  
8. Side adjustable cermet trimmer (variable resistors)
  - (a) 100kohm, 3/4W (quantity=60)
  - (b) 20kohm, 3/4W (quantity=25)
  - (c) 500ohm, 3/4W (quantity=10)
  
9. Operational amplifier- TL072 ACP (quantity=30)