



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076

Reference No. PR-1000017117 (RFx No. 6100000519)

**Technical specification for 1 Siemens 828D Training Kit (Turning 2 Axes + 1 spindle) and
1 Siemens 840D Training Kit (Milling 3 Axes + 1 spindle)**

A. Siemens 828D Training Kit (Turning 2 Axes + 1 spindle)

- 828D CNC system PPU 241.3 Turning Package
- X axis Servo 6Nm
- Z axis Servo 6Nm
- Spindle 3.7 kw
- 10.4" color LCD unit (with USB interface)
- I/O Module
- Required Siemens drives for the above motors
- Machine Operator Panel
- MPG

Electrical wiring & Mechanical materials Should include the below items:

- New Panel with testing table top box
- Control transformer
- Interface Relay cards, DC SMPS
- Siemens switch gear
- Servo and Spindle motor mounting and assembly components

B. Siemens 840D Training Kit (Milling 3 Axes + 1 spindle)

- 840D CNC system PPU 241.3 Milling Package
- X axis Servo 6Nm
- Y axis Servo 6Nm
- Z axis Servo 6Nm
- Spindle 3.5 kw



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- I/O Module
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- Machine Operator Panel
- MPG

Electrical wiring & Mechanical materials Should include the below items:

- New Panel with testing table top box
- Control transformer & Servo power transformer
- Interface Relay cards, DC SMPS
- Siemens switch gear
- Servo and Spindle motor mounting and assembly components