

**TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS**

Sl No.	Description of items	Quantity
PUR/575583/ERT/SB/E/2019-20		
01.	Inclined Roller Conveyor with Delivery Chute (Detail Specification as per Annexure – I)	01 No.

**1. INSTALLATION/COMMISSIONING & DELIVERY**

- 1.1. The ordered goods as mentioned above to be delivered, Installed and Commissioned at Amrawati, CRPF Group Centre, Durgapur – 713214, West Bengal.

**2. WARRANTY**

- 2.1. One Year onsite Warranty to be provided by the Successful Bidder from the date of Satisfactory Installation/Commissioning and Acceptance.

**3. GST CONCESSIONAL CERTIFICATE**

- 3.1 GST Concessional Certificate would not be issued by this Institute.



## Annexure-I

### **Supply, Installation and Commissioning of Inclined Roller Conveyor with delivery chute at Amrawati, CRPF Group Centre, Durgapur, West Bengal 713214**

#### **1 End user:**

The Inclined Roller Conveyors will be installed in Amrawati, CRPF Group Centre, Durgapur, West Bengal 713214.

#### **2 Detailed specification:**

##### **a) Inclined Roller Conveyor with delivery chute: 1 No.**

Length → 10 m

Belt width → 500 mm

Type of belt → Canvas/Rubber coated

Thickness of belt → 4 ply

Start of conveyor → 300 mm from Ground level

Delivery of conveyor → 6500 mm from Ground level

Angle of Inclination → 35-40°

Sideguard → 250 mm (AISI304)

Spacing of rack → 400 mm (AISI304)

Height of rack → 250 mm (AISI304)

Motor → 3 hp, 3 phase and 1:50 Gear Box

Structural Frame → ISMC (100 mm × 50 mm × 6 mm) MOC MS-IS2062

ISMA (100 mm × 50 mm × 6 mm) MOC MS-IS2062

##### **b) Inclined Roller Conveyor with delivery chute: 2 Nos.**

Length → 7.0 m

Belt width → 500 mm

Type of belt → Canvas/Rubber coated

Thickness of belt → 4 ply

Start of conveyor → 300 mm from Ground level

Delivery of conveyor → 4500 mm from Ground level

Height of conveyor → 300 mm from Ground level

Angle of Inclination → 35-40°

Spacing of rack → 400 mm (AISI304)

Height of rack → 250 mm (AISI304)

Sideguard → 300 mm

Motor → 3 hp, 3 phase and 1:50 Gear Box



## Annexure-I

Structural Frame → ISMC (100 mm × 50 mm × 6 mm) MOC MS-IS2062

ISMA (100 mm × 50 mm × 6 mm) MOC MS-IS2062

### **c) Inclined Roller Conveyor with delivery chute: 1 Nos.**

Length → 4 m

Belt width → 500 mm

Type of belt → Canvas/Rubber coated

Thickness of belt → 4 ply

Start of conveyor → 300 mm from Ground level

Delivery of conveyor → 2500 mm from Ground level

Height of conveyor → 300 mm from Ground level

Spacing of rack → 400 mm (AISI304)

Height of rack → 250 mm (AISI304)

Angle of Inclination → 35-40°

Sideguard → 250 mm

Motor → 2 hp, 3 phase and 1:50 Gear Box

Structural Frame → ISMC (100 mm × 50 mm × 6 mm) MOC MS-IS2062

ISMA (100 mm × 50 mm × 6 mm) MOC MS-IS2062

### **3 Scope of supply & incidental services:**

a) Inclined Roller Conveyor with delivery chute: 4 Nos.

Detailed specification as Provided in Section 2 above.

The supplier shall be required to perform the following services:

- a) Installation & Commissioning, Supervision and Demonstration of the goods;
- b) Providing required jigs and tools for assembly required for the completion of the installation;
- c) Cabling from main panel to all instruments and devices;
- d) Onsite training to Scientists/Technical Officers/Staffs is to be provided by Supplier for operation and maintenance of the equipment to the complete satisfaction of the user department;
- e) All safety requirements are to be incorporated.

### **4 Inspection and Acceptance Tests required:**

Trial run and full load test will be conducted for 3 days to the complete satisfaction of the end user in the presence of Scientists/Technical Officers from CSIR-CMERI.

### **5 Minimum Pre-Qualification Criteria:**

None