

# **Mechanical Specifications**

## **1) Bhaisoara Transfer Station**

**Scope of Work:** Design, Supply, Construction, Erection, Commissioning and O&M of Mechanized Static Garbage Transfer station at Bhaisoara Transfer Station with 3Bin facility.

### **Specifications for Mechanical Equipment's:**

#### **A. Static Horizontal Compaction Machine model SC –260 with Tip Cart Mechanism / model SC –350 with Hopper**

Static Compactor machine along with complete Electricals and Hydraulic system consist of

- Horizontal Compaction Machine SC – 260 with Tip Cart mechanism / SC – 350 with Hopper
- Hopper
- Guillotine system
- Hydraulic Clamping Claw
- Drainage System for leachate
- Hydraulic Power Pack
- PLC based Electronic Controls.
- Container change over system (Two Containers)

**Container** A container of Volumetric Capacity of 20 Cum. consists of

- Cylindrical Shell with Guillotine door.
- Leachate collection Tray
- Ratchet Mechanism for closing and opening of container Doors.
- Drain Valves.
- Set of metallic Rollers.
- Sub frame.

## **2) Dayal Square Transfer Station**

**Scope of Work:** Design, Supply, Construction, Refurbishment, Erection and Commissioning of Mechanized Static Garbage Transfer station at Dayal Square Transfer Station with 3Bin facility – Two level FCTS.

### **Specifications for Mechanical Equipment's:**

#### **A. Static Horizontal Compaction Machine model SC –260 with Tip Cart Mechanism / model SC –350 with Hopper**

Static Compactor machine along with complete Electricals and Hydraulic system consist of

- Horizontal Compaction Machine SC – 260 with Tip Cart mechanism / SC – 350 with Hopper
- Hopper
- Guillotine system
- Hydraulic Clamping Claw
- Drainage System for leachate
- Hydraulic Power Pack
- PLC based Electronic Controls.
- Container change over system (Two Containers)

**Container** A container of Volumetric Capacity of 20 Cum consists of

- Cylindrical Shell with Guillotine door.
- Leachate collection Tray
- Ratchet Mechanism for closing and opening of container Doors.
- Drain Valves.
- Set of metallic Rollers.
- Sub frame.

## **3) Kailash Kunj: 2Bin Portable Compactor Transfer Station**

**Scope of Work:** Design, Supply, Construction, Refurbishment, Erection and Commissioning of Mechanized Static Garbage Transfer station at Kailash Kunj Transfer Station with 2Bin facility.

### **Specifications for Mechanical Equipment's:**

#### **A. Portable Compactor Machine model MX-160/16CuM with Tip Cart Loading Mechanism**

Mobile Compactor machine along with complete Electricals and Hydraulic system consist of

- Compaction Unit MX–160 with 16 Cum Body
- Tip Cart Loading mechanism
- Hopper / Charging Chamber
- Hydraulic Operated Rear Door Locking Mechanism
- Leachate Drainage System
- Electrohydraulic Power Pack Complete
- Supporting Tracks with Compactor stoppers.

#### **4) Mithaiwala Square: 2 Bin Portable Compactor Transfer Station**

**Scope of Work:** Design, Supply, Construction, Refurbishment, Erection and Commissioning of Mechanized Static Garbage Transfer Station at Mithaiwala Square Transfer Station with 2Bin facility.

##### **Specifications for Mechanical Equipment's:**

###### **A. Portable Compactor Machine model MX-160/16CuM with Tip Cart Loading Mechanism**

Mobile Compactor machine along with complete Electricals and Hydraulic system consist of

- Compaction Unit MX-160 with 16 Cum Body
- Tip Cart Loading mechanism
- Hopper / Charging Chamber
- Hydraulic Operated Rear Door Locking Mechanism
- Leachate Drainage System
- Electrohydraulic Power Pack Complete
- Supporting Tracks with Compactor stoppers.

#### **5) Vineet Khand-06: 2Bin Portable Compactor Transfer Station**

**Scope of Work:** Design, Supply, Construction, Refurbishment, Erection and Commissioning of Mechanized Static Garbage Transfer station at Vineet Khand-06 Transfer Station with 2Bin facility.

##### **Specifications for Mechanical Equipment's:**

###### **A. Portable Compactor Machine model MX-160/16CuM with Tip Cart Loading Mechanism**

Mobile Compactor machine along with complete Electricals and Hydraulic system consist of

- Compaction Unit MX-160 with 16 Cum Body
- Tip Cart Loading mechanism
- Hopper / Charging Chamber
- Hydraulic Operated Rear Door Locking Mechanism
- Leachate Drainage System
- Electrohydraulic Power Pack Complete
- Supporting Tracks with Compactor stoppers.

#### **6) Near BBD: 2Bin Portable Compactor Transfer Station**

**Scope of Work:** Design, Supply, Construction, Erection and Commissioning of Mechanized Static Garbage Transfer station at Near BBD 2Bin site Transfer Station with 2Bin facility.

##### **Specifications for Mechanical Equipment's:**

###### **A. Portable Compactor Machine model MX-160/16CuM with Tip Cart Loading Mechanism**

Mobile Compactor machine along with complete Electricals and Hydraulic system consist of

- Compaction Unit MX-160 with 16 Cum Body
- Tip Cart Loading mechanism
- Hopper / Charging Chamber
- Hydraulic Operated Rear Door Locking Mechanism
- Leachate Drainage System
- Electrohydraulic Power Pack Complete
- Supporting Tracks with Compactor stoppers.