

**Request For Budgetary Estimate for Supply, Installation, testing and commissioning
of Compactors at HSCC INDIA LIMITED, Noida, Uttar Pradesh**

Ref.: HSCC/Compactor/2024, Date: 10/09/2024

HSCC (India) Ltd. intends to invite on-line budgetary estimate from eligible bidders for Supply, Installation, testing and commissioning of Compactors at HSCC INDIA LIMITED, Noida, Uttar Pradesh.

Technical Specifications and Bill of Quantity proposed for compactors are annexed herewith. It is requested to submit the Budgetary Quotation for compactors with inclusive of all taxes & duties, 5 Years warranty and freight from warehouse to consignee location i.e. HSCC INDIA LIMITED, Noida, Uttar Pradesh.

The quotation should be on Company Letter Head with sign and stamp as per the BOQ format enclosed and should be submitted in both Hard & Soft Copy within 15 days of issue of this Notice at the following address:

General Manager (Procurement)

Furniture Department

HSCC (India) Ltd.,

E-6(A), Sector-1,

Noida (U.P.) - 201301.

Soft copy may please be sent to: rks_115@yahoo.co.in, l_singh@hsccltd.co.in

General Manager (Procurement),
HSCC (India) Ltd.

Technical Specification of Compactors

1. 2 Bay Compactor 3TM with Doors (1 Set of compactor consist 16 Bodies with 2 bay Static Drive unit 1 nos. 2 bay Last Drive Unit 1 Nos, 2 bay Twin Mobile Unit 3 Nos.)



Supplying and Installation of 2 Bay Compactor 3TM with Doors (1 Set of compactor consist 16 Bodies with 2 bay Static Drive unit 1 nos. 2 bay Last Drive Unit 1 Nos, 2 bay Twin Mobile Unit 3 Nos.) Body with made of Rigid Knock Down construction made of 0.8 thick. CRCA Steel conforming to IS: 513 Gr. D. Each body block consists of 1 Main unit & then Add-on units (0, 1,2,3 depending on no. of bays 1, 2, 3, 4 respectively). Each unit has 5 loading levels formed by 4 nos. adjustable shelves for 1980 Height body and 6 loading levels with 5 nos. adjustable shelves for 2361 Height body. Body units are mounted on an under structure which is fixed or moving. The body comprises the following components: 1. Front Cover: It is the foremost panel of the body on which the handles (Push pull)/ Drive unit (Drive Type) are fixed. It is made of 1.0 mm thick. CRCA Steel conforming to IS: 513 Grade The front cover has a pattern of holes on the front surface for ventilation purpose. 2. Back Cover: It is the backmost panel of the body and is the mirror image of the front cover. It is made of 0.8 thick. CRCA Steel conforming to IS: 513 Grade The back cover has a pattern of holes on the surface for ventilation purpose. 3. Back Panel: The back panels are made of 1.0 mm thick. CRCA Steel conforming to IS: 513 Grade There are two back panels – Top back panel and Bottom back panel for 1980H unit as well as 2361H unit. The two back panels are fixed together using machine screws. The purpose of the back panel is to act as a divider between 2 opposite shelves in twin body (TM/TD). When the entire optimizer layout is locked it also prevents access to inside files from the outside in case of single body (SS/SD/SL/LD).4. Shared Panel: The shared panel acts as a partition between two adjacent bodies. It is made of 1.0 mm thick. CRCA Steel conforming to IS: 513 Grade 5. Door Frame: The door frame assembly is made of 2 vertical door stiffeners, a top horizontal stiffener and a bottom horizontal stiffener. It provides rigidity to the entire body as the topmost shelf is pop riveted with the back panel as well as both the vertical door frame. The door frame is also useful if the customer chooses to have doors for the optimizer as the doors are hinged about the door frame. It is

made of 1.0 mm thick. CRCA Steel conforming to IS: 513 Grade 6. Tie rod assembly: The tie rod assembly acts as a substitute to the back panels (only in twin body) if the customer chooses to not have back panels. The assembly consists of 2 tie rods, 4 fixing brackets and 2 turnbuckles. The tie rods are fixed in a shape of 'X' between two opposite shelves. The tie rods are made of 4mm diameter rods of MS while the fixing brackets are made of 2mm thick. CRCA Steel conforming to IS: 513 Grade. This assembly is available for both heights – 1980H and 2361H. Finish: The bodies including shelves are given antirust surface treatment & are coated with epoxy polyester powder. It involves an 8-step treatment consisting of Hot water rinse, knock of degreasing, degreasing, cold water rinse, phosphating, cold water rinse, and passivation & dry off oven treatment. Final finish consists of epoxy polyester powder coating of approved colour & shade with a Dry Film Thickness of minimum 40 microns. The testing of paint is done for various physical & chemical properties as per IS: 101. The material is then oven baked with a controlled temperature of 180 deg. C to 200 deg. C. Shelf: (a) Construction: It is made of 1.0 mm thick CRCA steel conforming to IS: 513 grade or DD. Its max load bearing capacity is 100 Kg uniformly distributed per shelf. For P1 and P2 type of Configuration recommended shelf load is less than 100kg (Refer UDL chart below). This is done to ensure that the unit is light enough for one person to pull/push with a handle even at recommended full load capacity. Shelf can be placed at clear height of 386mm from bottom in every body. The last loading level for shelf is 1721mm from ground level for 1980H body and 2107mm from ground for 2361H body. Shelves are mounted on support brackets & shelf level can be adjusted at approx. 25.4 pitches. There are 4 adjustable shelves per body for 1980H and 5 adjustable shelves per body for 2361H, giving 5 and 6 loading levels for 1980H and 2361H body respectively. Under structure: - The Under structure is a welded frame suitably fabricated to bear the loads based on configuration. The frame consists of the following parts: Main channel, body-fixing channel, U-channel and Z-channel. All the components are made of HR sheet 3 mm thick. conforming to IS: 2062. Hinge Doors & Locking: It is made of 0.8thk CRCA steel confirming to IS: 513 grade. Hinged door has recessed Die cast Handle cum lock with 3 way locking through a lever & shooting bolts. Company should be ISO-9001, 14001, 45001, 50001, BIFMA, AIOTA and Green guard certified. Product should be green guard (UL) Certified. Warranty: 5 Years, Compactor as approved by engineer in charge/employer.

2. 2 Bay Compactor 4TM with Doors (1 Set of compactor consist 20 Bodies with 2 bay Static Drive unit 1 nos. 2 bay Last Drive Unit 1 Nos, 2 bay Twin Mobile Unit 4 Nos.)



Supplying and Installation of 2 Bay Compactor 4TM with Doors (1 Set of compactor consist 20 Bodies with 2 bay Static Drive unit 1 nos. 2 bay Last Drive Unit 1 Nos, 2 bay Twin Mobile Unit 4 Nos.) Body with made of Rigid Knock Down construction made of 1.0 mm thick. CRCA Steel conforming to IS: 513 Grade Each body block consists of 1 Main unit & then Add-on units (0, 1,2,3 depending on no. of bays 1, 2, 3, 4 respectively). Each unit has 5 loading levels formed by 4 nos. adjustable shelves for 1980 Height body and 6 loading levels with 5 nos. adjustable shelves for 2361 Height body. Body units are mounted on an under structure which is fixed or moving. The body comprises the following components: 1. Front Cover: It is the foremost panel of the body on which the handles (Push pull)/ Drive unit (Drive Type) are fixed. It is made of 1.0 mm thick. CRCA Steel conforming to IS: 513 Grade The front cover has a pattern of holes on the front surface for ventilation purpose. 2. Back Cover: It is the backmost panel of the body and is the mirror image of the front cover. It is made of 1.0 mm thick. CRCA Steel conforming to IS: 513 Grade The back cover has a pattern of holes on the surface for ventilation purpose. 3. Back Panel: The back panels are made of 1.0 mm thick. CRCA Steel conforming to IS: 513 Grade There are two back panels – Top back panel and Bottom back panel for 1980H unit as well as 2361H unit. The two back panels are fixed together using machine screws. The purpose of the back panel is to act as a divider between 2 opposite shelves in twin body (TM/TD). When the entire optimizer layout is locked it also prevents access to inside files from the outside in case of single body (SS/SD/SL/LD).4. Shared Panel: The shared panel acts as a partition between two adjacent bodies. It is made of 1.0 mm thick. CRCA Steel conforming to IS: 513 Grade 5. Door Frame: The door frame assembly is made of 2 vertical door stiffeners, a top horizontal stiffener and a bottom horizontal stiffener. It provides rigidity to the entire body as the topmost shelf is pop riveted with the back panel as well as both the vertical door frame. The door frame is also useful if the customer chooses to have doors for the optimizer as the doors are hinged about the door frame. It is made of 1.0 mm thick. CRCA Steel conforming to IS: 513 Grade 6. Tie rod assembly: The tie rod assembly acts as a substitute to the back

panels (only in twin body) if the customer chooses to not have back panels. The assembly consists of 2 tie rods, 4 fixing brackets and 2 turnbuckles. The tie rods are fixed in a shape of 'X' between two opposite shelves. The tie rods are made of 4mm diameter rods of MS while the fixing brackets are made of 2mm thick CRCA Steel conforming to IS: 513 Grade This assembly is available for both heights – 1980H and 2361H. Finish: The bodies including shelves are given antirust surface treatment & are coated with epoxy polyester powder. It involves an 8-step treatment consisting of Hot water rinse, knock of degreasing, degreasing, cold water rinse, phosphating, cold water rinse, and passivation & dry off oven treatment. Final finish consists of epoxy polyester powder coating of approved colour & shade with a Dry Film Thickness of minimum 40 microns. The testing of paint is done for various physical & chemical properties as per IS: 101. The material is then oven baked with a controlled temperature of 180 deg. C to 200 deg. C. Shelf: (a) Construction: It is made of 1.0 mm thick CRCA steel conforming to IS: 513 Grade or DD. Its max load bearing capacity is 100 Kg uniformly distributed per shelf. For P1 and P2 type of Configuration recommended shelf load is less than 100kg (Refer UDL chart below). This is done to ensure that the unit is light enough for one person to pull/push with a handle even at recommended full load capacity. Shelf can be placed at clear height of 386mm from bottom in every body. The last loading level for shelf is 1721mm from ground level for 1980H body and 2107mm from ground for 2361H body. Shelves are mounted on support brackets & shelf level can be adjusted at approx. 25.4 pitches. There are 4 adjustable shelves per body for 1980H and 5 adjustable shelves per body for 2361H, giving 5 and 6 loading levels for 1980H and 2361H body respectively. Under structure: - The Under structure is a welded frame suitably fabricated to bear the loads based on configuration. The frame consists of the following parts: Main channel, body-fixing channel, U-channel and Z-channel. All the components are made of HR sheet 3 mm thick conforming to IS:2062. Hinge Doors & Locking: It is made of 0.8thk CRCA steel confirming to IS: 513 Grade Hinged door have recessed Die cast Handle cum lock with 3 way locking through a lever & shooting bolts. Company should be ISO-9001, 14001, 45001, 50001, BIFMA, AIOTA and Green guard certified. Product should be green guard (UL) Certified Warranty: 5 Years, Compactor as approved by engineer in charge/employer.

BUGETARY QUOTATION

Supply, Installation, testing and commissioning of Compactor at HSCC INDIA LIMITED, NOIDA

Reference No.

HSCC/Compactor/2024

Name of Manufacturer/Bidder

**Address & Contact Details of the Manufacturer/Bidder
submitting the Budgetary Quotation:**

S. No.	Name of Items	Unit	Total Quantity	Rate Per Unit (In Rs.) with inclusive of All Taxes & Duties and 5 Years Warranty	Amount (In Rs)with inclusive of All Taxes & Duties and 5 Years Warranty
1	2 Bay Compactor 3TM (1 Set of compactor consist 16 Bodies 2 bay Static Drive unit 1 nos. 2 bay Last Drive Unit 1 Nos, 2 bay Twin Mobile Unit 3 Nos.)	Set	2		
2	2 Bay Compactor 4TM (1 Set of compactor consist 20 Bodies 2 bay Static Drive unit 1 nos. 2 bay Last Drive Unit 1 Nos, 2 bay Twin Mobile Unit 4 Nos.)	Set	2		
Total Amount In Rs.					0