

JOB NO. 4024

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26-04-2024

# **TENDER DOCUMENT**

## **COMPACTOR WORKS**

FOR  
**PROPOSED CONSTRUCTION OF  
MULTI-STOREY BUILDING FOR STATE BANK OF INDIA**  
AT  
Plot No. 53-A, GIFT CITY, Gandhinagar, Gujarat

## **TECHNICAL SPECIFICATIONS FOR COMPACTOR**

### **EMPLOYER**



### **STATE BANK OF INDIA**

THE ASST. GENERAL MANAGER, PREMISES & ESTATE DEPARTMENT, LOCAL HEAD OFFICE, SBI TOWER, SECOND FLOOR, GIFT CITY, PLOT NO. - 53A, GANDHINAGAR - 382355 GUJARAT"

### **ARCHITECT & PROJECT MANAGEMENT CONSULTANTS**

#### **PREMNATH & ASSOCIATES**

ARCHITECTS, INTERIOR DESIGNERS & PMC  
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## **TECHNICAL SPECIFICATIONS FOR COMPACTORS.**

MANUALY OPERATED & MECHANICALLY ASSISTED MOBILE STORAGE SYSTEM SLIDING SMOOTHLY & EFFORTLESSLY ON A PAIR OF RAILS & PROVIDING MAXIMUM STORAGE CAPACITY BY COMPACTION.

### **THE UNDERCARRIAGE:**

**BASE FRAME:** BASE FRAME SHALL BE FABRICATED IN 'C' CHANNEL TYPE FROM 10/12 G MS. SHEET. SIZE OF CHANNEL 25MM X 100MM X 35MM

**GUIDE RAILS:** THE GUIDE RAILS SHALL BE MADE OUT OF 30MM ROUND BRIGHT BAR PLACED ON A M.S. PLATE WITH END STOPPERS WHICH WILL BE ABOVE THE FLOOR AS PER INTERNATIONAL STANDARDS OF SAFETY

**SUPERSTRUCTURE:** THE SUPER STRUCTURE OF THE MOBILE STORAGE SYSTEM WILL CONSIST OF COMPLETELY KNOCK DOWN TYPE PANELS IN 20/22 G. CRCA

**SHELVES:** SHELVES MADE OF CRCA PRIME QUALITY STEEL HAVING 8 FOLDS WILL BE PROVIDED, EACH DESIGNED TO CARRY A UD.L. OF 70 KGS

**VERTICAL PANELS:** VERTICAL PANELS CONSIST OF THE FRONT, CENTRE & REAR PANELS AND SHALL BE MADE OUT OF CRCA PRIME QUALITY STEEL & DESIGNED TO TAKE THE LOAD OF SHELVES IN BOLTLESS TYPE CONSTRUCTION/DESIGN

**DRIVE COVER PANEL:** MADE OUT OF CRCA PRIME QUALITY STEEL TO COVER " THE ENTIRE DRIVE MECHANISM

**CENTRE PARTITION/DOORS:** THE CENTRE PARTITION/DOORS (IF REQUIRED) WILL COMPRISE OF CRCA PRIME QUALITY SHEETS

**CENTRAL LOCKING SYSTEM:** WILL BE PROVIDED ON THE LAST UNIT. WHEN ALL UNITS ARE BROUGHT TOGETHER, THE CENTRAL LOCK WHEN OPERATED LOCKS THE LAST UNIT & HENCE DOES NOT ALLOW ACCESS TO THE ENTIRE SYSTEM. WE ALSO PROVIDE EACH MOVING UNIT WITH A SAFETY LOCK WHICH WHEN ENGAGED WILL PREVENT IT FROM MOVING TO AVOID TRAPPING USER INSIDE

**TROLLEY DRIVE MECHANISM:** THE WHEELS WILL BE SUPPORTED ON SPECIAL GRADE ANTIFRICTION BEARINGS TO HAVE SMOOTH & EFFORTLESS MOVEMENT. THE ENTIRE MECHANISM OF GEAR & SPROCKETS SHALL BE FITTED ON THE FRONT PANEL OF THE TROLLEY

**INDEXING APPRANGEMENT:** ACRYLIC CARD HOLDERS (1/2 NOS) WILL BE PROVIDED ON THE FRONT PANEL

**DRIVING WHEEL:** WE PROVIDE EITHER A PU COATED ROUND OR 3 PRONG DRIVE WHEEL FOR BETTER LEVERAGE, TORQUE & FREE MOVEMENT OF THE TROLLEY OVER THE RAILS.

**PRE-TREATMENT:** ALL PRODUCTS GO THROUGH A THOROUGH PROCESS OF DE-GREASING, DE-RUSTING AND PHOSPHATISING

**PAINTING:** WE OFFER EITHER OVEN BAKED HARD STOVING ENAMEL PAINT OR EPOXY POWDER COATING

**LIST OF APPROVED MAKES:**

1. STEELEDGE
2. GODREJ
3. METHODEX
4. KOMPRESS INDIA PVT LTD
5. GUARDWELL
6. OR EQUIVALENT

**OR EQUIVALENT MAKES SUBJECT TO APPROVED FROM APMC / SBI BANK.**