



(u)
specification

TRANSFORMER ENGINEERING DEPARTMENT, BHEL JHANSI
SPECIFICATIONS FOR COMPACTOR FILE STORAGE SYSTEM

A. GENERAL:-

The compactor file storage system shall be mechanically assisted type Mobile racking system consisting of modular components with intermediated boltless shelving. The system shall be provided with a centralized locking arrangement fitted to the last Mobile unit for locking of the entire compactor file storage system. Safety locking arrangement consists of Push pull knob shall be provided on each modular unit such that the unit will not move when the operator enters the aisle.

B. TECHNICAL SPECIFICATION:-

- 1) Panel: All the panels to be used in the compactor storage system shall be of fold Box Type design and shall be made from min. 0.8 mm Thick CRCA sheet.
- 2) Shelves: Shelves shall also be made of min. 0.8mm Thick CRCA sheet in fold type design sufficient to take the file load of approx. 50 kgs.(UDL)
- 3) Center Cladding Sheet: shall be made of min 0.6 mm thick CRCA sheet & shall have min 2 nos. ribs for strength & rigidity. This shall be in 2 parts in height & shall be used as center partition for DFM.
- 4) Adjustable file supports shall be provided one each in each compartment.
- 5) Base Frame: - Shall be fabricated from formed channels of size 40 x 100 x 3mm thick & internal members shall be in size of 25x100x2mm made from HR steel.
- 6) Chain: Shall be min. 100mm roller Chain.
- 7) Wheel: shall be of cast Iron of appropriate size as may be necessary for the entire compactor file storage system.
- 8) Index Arrangement: - In Acrylic of size 250mm H x 125mm W x 2.5mm thick. Indexing arrangement on side and front panels are also to be given.
- 9) Individual Locking: - Incorporated in the steering for individual unit lock.
- 10) Steering / Drive wheel: - shall be made of Cast Iron with proper surface finish having 3 insert arms with a central Hub.
- 11) Central Lock: - A central Locking Device fitted on the last Mobile Unit, shall also form the part of the system.


PANKAJ PARADKAR
(PREPARED BY)


N N RAMAN
(APPD. BY)



(10)
specification

TRANSFORMER ENGINEERING DEPARTMENT, BHEL JHANSI
SPECIFICATIONS FOR COMPACTOR FILE STORAGE SYSTEM

- 12) Color / Finish: - The entire material shall be epoxy powder coated as below-
Superstructure - RAL 7035. (Structured finish Light Grey)
Base Frame, Drive Mechanism Cover in Red color & Rails Epoxy Powder Coated in Black color
- 13) The compartments/shelves of the system shall be designed for maximum utilization considering the box file size of 350mm(H) x 300mm(W) x 80mm (Tk.)
- 14) The dedicated area identified for the installation of system is 3200 x 2500 x 2200(H). A typical sketch of the proposed location is attached. If need be, supplier may visit the site (at their own expense) for more precise working of scope.
- 15) System may be proposed as (1) One single faced fixed unit of 400(W) x 1700(L) x 2150(H)
(2) One single faced mobile unit of 400(W) x 1700(L) x 2150(H)
(3) Four double faced mobile unit of 600(W) x 1700 x 2150(H)
- 16) Following essential spares shall also supplied along with the system- (TO BE QUOTED SEPARATELY)
1. One no. double faced mobile unit 600(W) x 1700
(ii) One no. steering wheel
(iii) Two nos. wheel
(iv) Two nos. loose adjustable file supports
- 17) Supplier should also submit the offer for all necessary civil work. Installation & commissioning is mandatory and must be carried out by the supplier free of cost. Price for civil work including rail and embedments, as may be required, shall be indicated separately in price bid. Similarly supplier must mention unit wise price viz. price of each DF unit, SF mobile unit and SF fixed unit in their offer. All the material which is necessary for civil work is shall be deemed to be included in supplier's scope. The offer should be submitted in TWO PART bid.
- 18) Clause wise compliance for sl.no. (1) to (17) above shall be submitted along with the bid.

C) WARRANTY: Complete system shall bear warranty of 12 months from handing over of the system after installation & commissioning.


PANKAJ PARADKAR
(PREPARED BY)


N N RAMAN
(APPD. BY)