



Gujarat University Library **INVITATION FOR QUOTATION**

Dt.01/02/2017

Gujarat University Library invites tender from reputed and experienced vendors for carrying out following work:

Quotations complete in all respects should be submitted on or before 06/02/2017 to the address mentioned below. Quotations received after due date will not be entertained. Competent authority reserves the right to accept any or reject any/all offers, as per prescribed rules of the centre.

Address:- The Librarian
Gujarat University Library,
Gujarat University Campus,
Navrangpura, Ahmedabad-380 009.

SECTION-1

1. Conversion of Existing Library Cupboards / Racks into Mobile Systems.

The Vendors are required to visit the site and understand the requirement of work. The vendors who participate in tendering will be presumed to have visited the site and understood the work.

The types of existing Cupboards / Racks and their fixing in the systems are as follows:

System 'A' : Two Track System to accommodate:

1. Office Cupboards :
Size 78''H x 18''D x 36''W :
Total Nos.: 40 numbers
4 Cupboards to be fixed on one Trolley of size 36'' W x 72'' Length.
Total 10 numbers Two Track Trolleys required.
Two Track Length required : 36'

System 'B' (Extension of existing system) : Three track System to accommodate:

2. Library Cupboards with Glass Door on both side :
Size 91''H x 24''D x 36''W :
Total Nos.: 10 numbers
5 Cupboards to be fixed on one Trolley of size 25'' W x 180'' Length.
Total 2 numbers Three Track Trolleys required.
3. Library Cupboards with Glass Door on One side :
Size 78''H x 18''D x 36''W :
Total Nos.: 20 numbers
10 Cupboards to be fixed on one Trolley of size 36'' W x 180'' Length.
Total 2 numbers Three Track Trolleys required.

Three Track Length required : 12'

SECTION-2

TECHNICAL SPECIFICATIONS FOR LIBRARY TROLLEYS.

1. The Trolley is fabricated from 12 G HR sheet. Broadly it has following parts:

Outer Frame: This is made of 12G HR sheet to form a 'C' channel of size 9in mm) 40 x 100 x 10.

The outer frame will have a additional strip of 30mm height welded on upper side. This strip will be used for fixing racks on the trolley with screws.

So effectively the height of trolley will be $100 + 30 = 130$ mm.

Angles for Wheels and Bearings: 'C' channels made from 12G HR sheet of the size 20 x 96 x 40mm. These are welded across in the trolley at suitable place so the load is distributed evenly.

System 'A' : 4 nos. 'C' channels will be welded in the trolley to house total 6 wheels and 12 pedestal bearings.

System 'B' :

1. For Library cupboards with glass doors on both side ; 6 nos. 'C' channels will be welded in the trolley to house total 6 wheels and 12 pedestal bearings.
2. For Library cupboards with glass doors on one side ; 6 nos. 'C' channels will be welded in the trolley to house total 9 wheels and 18 pedestal bearings.

Base for keeping Racks: These are 'T' angles of size 80 x 25mm, welded in the trolley. Together with Outer Frame, the cupboard is kept on these bases, 1 / 4 such bases should be provided in the trolley to keep 2 / 5 Library Racks.

Shaft: 20mm bright bar is used as shaft for driving wheels.

Bearing: Heavy duty sealed type Pedestal bearings are used for easy movement and heavy load carrying. These being sealed type, does not require periodic cleaning or oiling.

2. RAIL: Since the floor / surface is un – even, grooves should be cut into the floor and a 'C' channel made from 12G HR sheet is fixed in such groves and 28.5mm bright bar is press fitted into these channels.

3. Drive Mechanism : The drive mechanism is externally supported on special grade anti-friction bearing to have smooth and effortless movement. Entire mechanism / gear and sprockets are incorporated within the front panel provided in front of the unit within an area of 1100mm x 200mm x 70mm.

- (1) Each Trolley has 6 / 9 nos. of cast iron wheels of 115mm diameter x 35mm thickness. Each wheel is provided with a pair of self – aligned, heavy-duty pedestal type bearings.
- (2) The drive mechanism comprises of sprocket chain type arrangement.
- (3) The chain used are ½” traction chain.
- (4) The drive mechanism is provided on the external front side of the compactor system.
- (5) The drive mechanism is concealed from all sides.

4.Driving wheel : the driving wheel has a central hub resting on a pair of arms engaged into the hub. The Hub has a knob, which when turned and pressed inside locks the wheel and, hence, the movement of trolley.

Drive cover panel is made out of 22 SWG thick CRCA prime quality steel and of box type cover the entire drive mechanism completely.

5.Safety feature

Each Mobile unit is provided with individual locking arrangement in built in the Driving Wheel. The unit will not move from its position when the knob is pressed while in operation to ensure total safety of the user.

6.Bottom Cover Over Trolley.

made of 22/24 SWC CRCA sheet properly riveted to give wrinkle free uniform look to merge with existing racks on all sides without any gap.

7.Index:

minimum 150mm x 250mm size clear plastic index cover on front side of a rack.

8.Stopper :

Appropriate size stoppers at the end of rail to prevent wheels from skidding / falling off the rail due to inertia of the track.

SECTION-3:- Rates of Concern work

Sr. No.	Particulars	Price
1.	Work of System A (1)	
2.	Work of System B (2/3)	

I/C Librarian