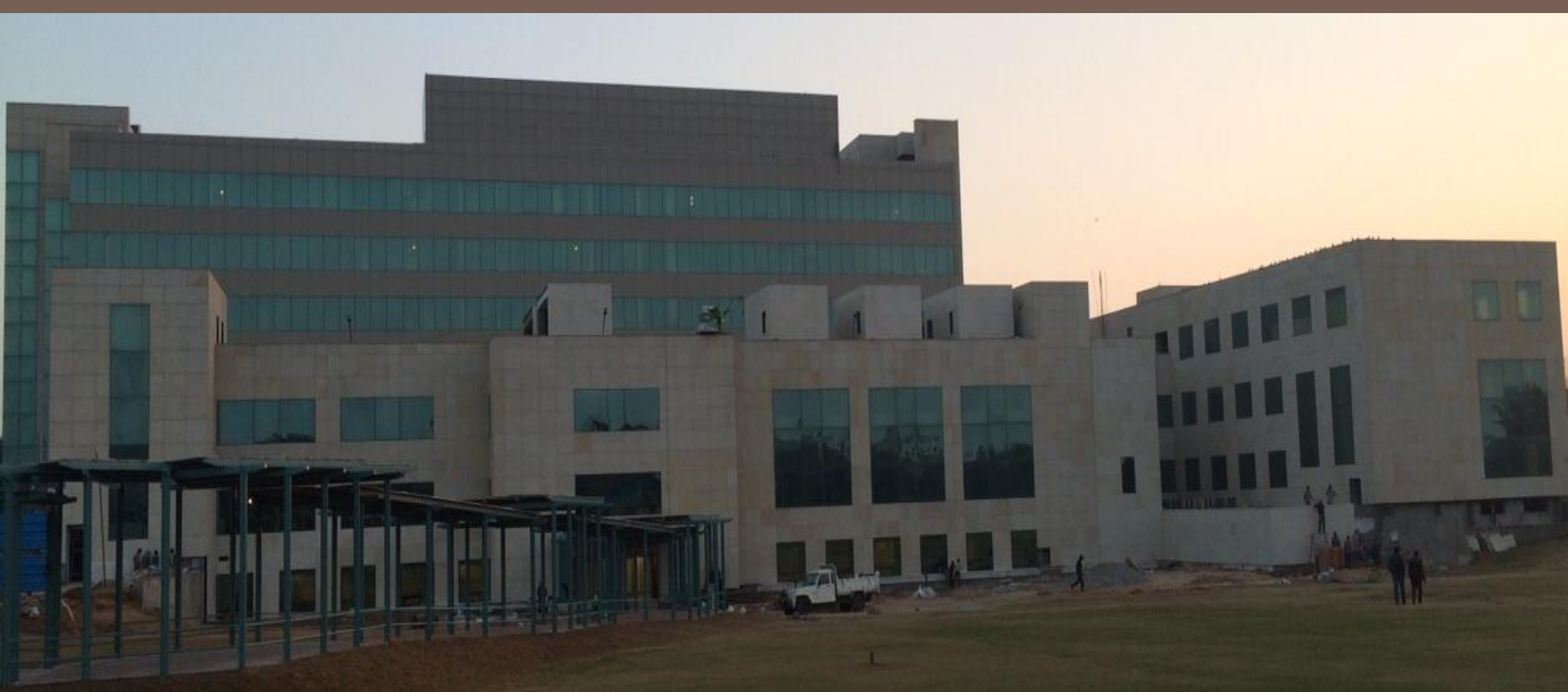




PRE-COMMISSIONING OF A 250 BEDDED MULTISPECIALTY HOSPITAL OF PHASE I

By- Surbhi Vaishnav

Rukmani Birla Hospital, Jaipur

CK BIRLA HOSPITALS

- CMRI
- BMB
- RBH
 - 250 bedded multispeciality
 - Located on Gopalpura Bypass Road
 - Launching its Phase I in July

Aim of the Study

- To study and streamline the process of pre-commissioning in the initial phase of Rukmani Birla Hospital, Jaipur

Objectives of the Study



- ❑ To verify the pre-commissioning procedure of the hospital.
- ❑ To prepare a pricing list of OPD/IPD packages for the hospital.
- ❑ To track equipment installation for phase I.
- ❑ To provide recommendations and conclusion.

Research Methodology

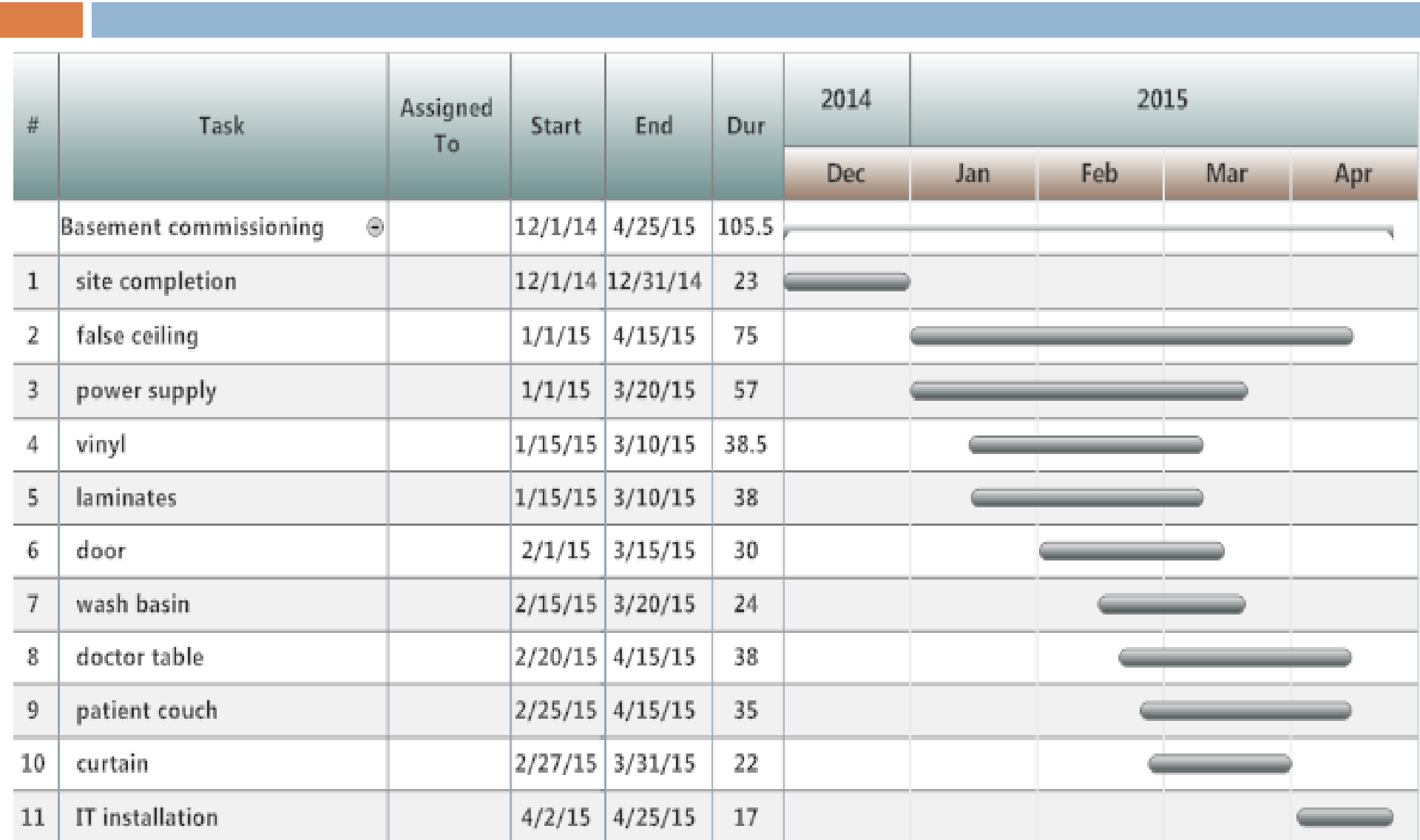
- Study duration: 3 months (1st February to 1st May)
- Study design: Descriptive and Exploratory Research
- Data collection procedure:
 - Primary data: • Observation • Discussions
 - Secondary data: • Text Books • Magazines Journals • Website



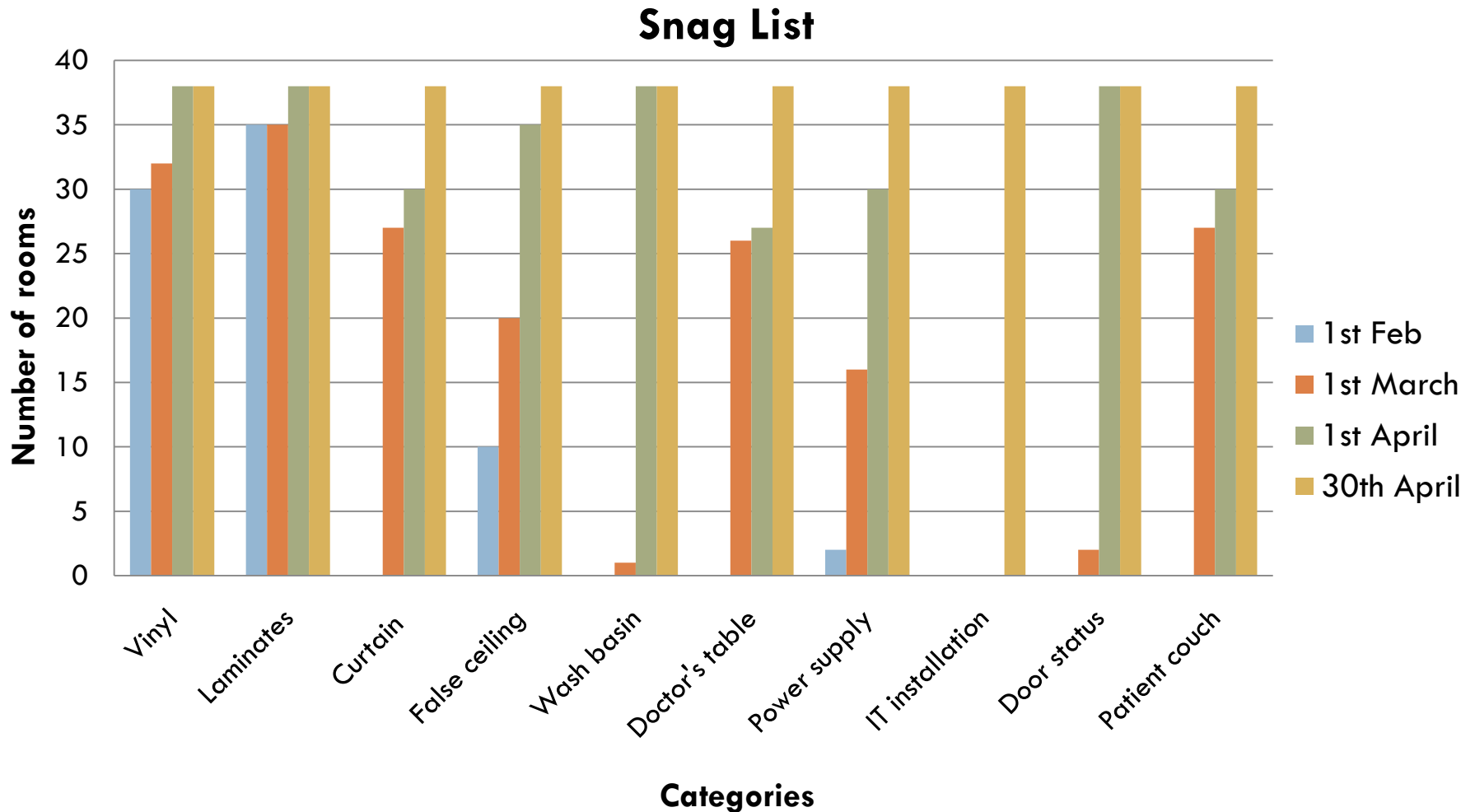
ANALYSIS



Gantt Chart



Snag List Analysis (basement)



OPD/IPD packages

□ How to prepare a package?

○ IPD:-

- Market analysis
- Hospital analysis
- Market the package
- Conversion

○ OPD:-

- Package orientation
- Revenue analysis
- Marketing
- Market compatibility

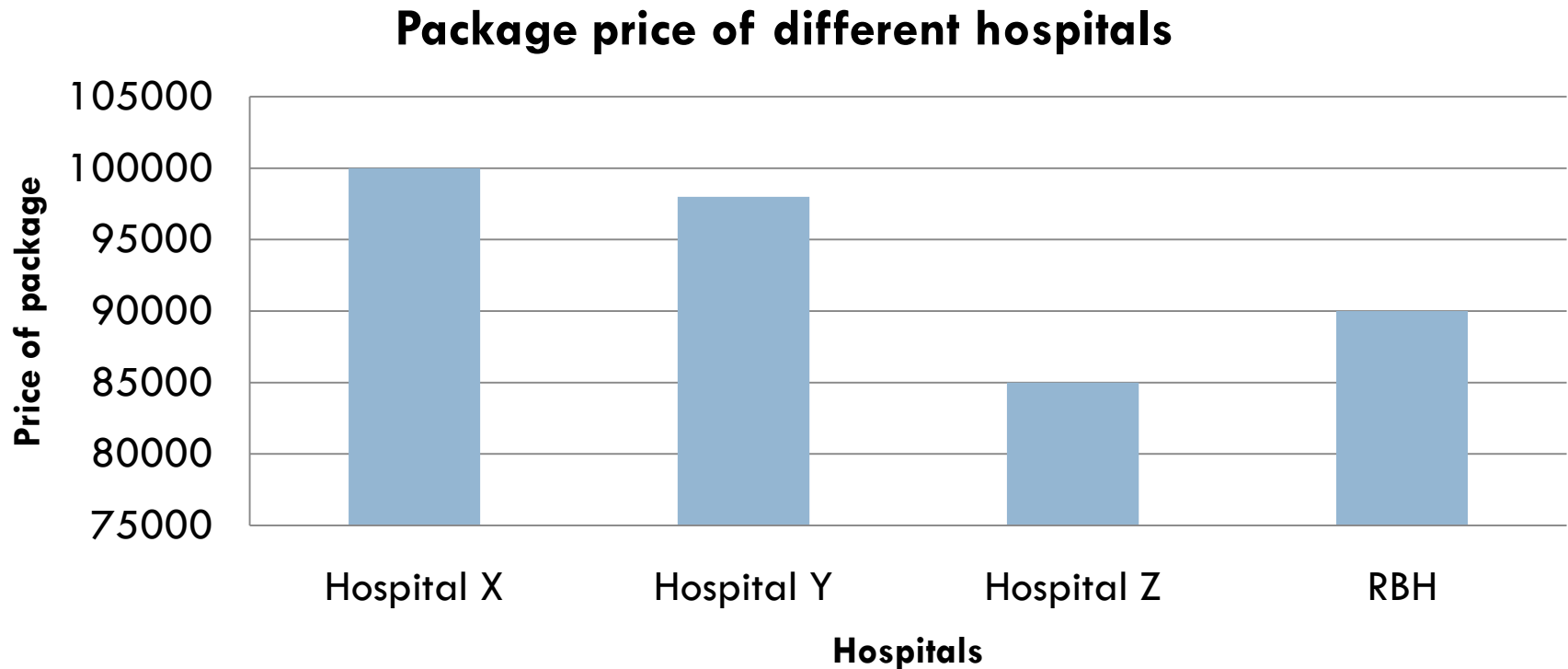
Total knee replacement (bilateral)

➤ Total package charge: 1 000 000

Particulars	Price
Procedure charge	25000
Operation theatre charge	17500
Anesthesia charge	13750
Investigations	14750
OT medicines and consumables	29000

❖ Implant cost is excluded from the package price

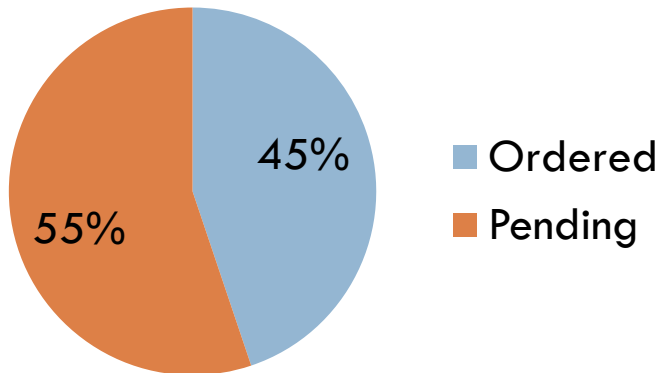
TKR Package Price Analysis



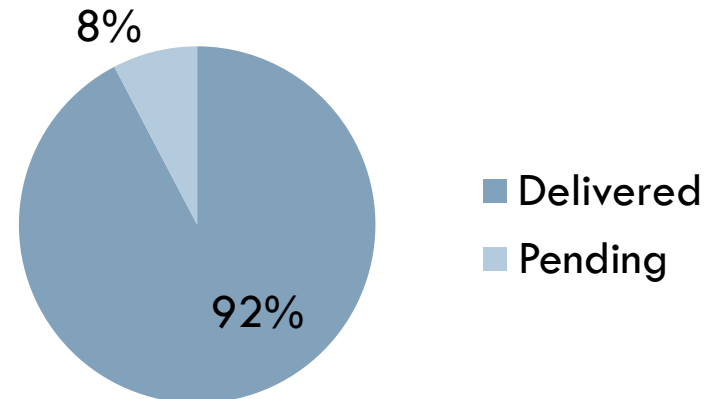
An inaugural discount of 10% of the package price is also given.

Equipments status

Equipment order status



Delivery status of ordered equipments



Out of the delivered equipments only 3 have been installed and rest are awaited for the site completion

Reasons for delay

- Site is not completed
- Short delivery period (7-10 days)
- Difficulty in storage
- Some equipments are still in negotiation

Findings

- There are delays in completion of the project site as there is no proper follow up and monitoring of the process. There is also a lot of communication gaps between the architecture team and project team.
- They have a very rigid centralised system, i.e. every approval and purchase of equipments are done by the Calcutta team which delays the process of procurement of material and equipment.
- The entire project of pre-commissioning is bounded on one person, therefore there is no proper deployment of labour.
- There is no accounting software till now, whatever package pricing prepared is done on excel and the data is also maintained on the same. There is no proper software to maintain the data.

Recommendations

- There should be a channelized communication between client, project team and vendor by proper feedback to the project head about any communication taking place with meetings scheduled on a regular basis.
- Centralised system should be more flexible so that the procurement process gets smooth and quick as approval for quotations are done by the commercial team at the Calcutta office, one of their supervisors could be transported here to streamline the purchase process.
- A complete documentation should be done for every process, with checklist to be prepared on a fortnightly basis to reduce the delay in site completion with proper checks to be kept for the same.
- The design shall be frozen keeping in mind to meet the deadline for the construction as planned.

Cath Lab



MRI machine



CT Scan machine



OPD Basement





Thank You