

## **Note on Redevelopment Plan of Safdarjung Hospital, Phase-I (SSB & NEB)**

- Safdarjung Hospital which was set up in 1942 with 204 beds as a base hospital for allied forces was taken over by the Government of India, Ministry of Health in 1954.
- From the initial bed strength of 204, it was increased to 1531 in 1990. The hospital has come up over an area of 47 acres (1,90,738 sqm).
- The existing medical facilities include
  - a) Indoor Beds- 1531 inclusive of 174 bassinets (approved but around 1812 squeezed in to accommodate ever increasing rush),
  - b) OPD rooms for consultation approximately 180 (OPD load-10,000 per day with three times the accompanying attendants),
  - c) OT's-32 (one in each room),
  - d) 30 ICU beds etc. further, about 1000 patients attend casualty emergency,
  - e) 520 admissions,
  - f) 75 deliveries daily with 25 caesarean sections
- Accordingly, Redevelopment of Safdarjung Hospital was planned in a phased manner to transform the existing unplanned & congested campus to an ultra-modern complex with updated medicare services as per the latest technology.
- Project has been planned with an estimated outlay of Rs. 1,330crores (revised cost of Rs. 1431 Cr.) which is all inclusive of construction of the building, installation of medical / office equipments and salaries towards the newly created posts in the medical / para medical / secretariat field. A total number of 3908 posts under the different categories have been approved by the Cabinet Committee on Economic Affairs in June 2013.
- HSCC (India) Ltd. had been appointed as Project Consultant and is responsible for execution of the entire project in time. M/s L&T and Ahluwalia Constructions have been appointed as Contractor for construction of the buildings by the HSCC(I) Ltd.
- The Phase-I of the redevelopment plan comprised of construction of New Emergency Block and Super Specialty Block.
- Both Emergency and Super Specialty Blocks were envisaged to be state-of-art, stand-alone buildings complete with latest medical equipment and facilities.
- The Super Specialty Block-cum-Paid Ward Block at Safdarjung Hospital will have 807 beds including ICU, Paid Private Ward Block, with 24 beds for Heart Command Centre and Emergency care beds.

- The Emergency Block have 500 beds for Medical Emergencies, which will make this Hospital as the biggest Emergency Care Centre in the Country. This building has come up at junction of Aurbindo Marg and Ring Road in Safdarjang Hospital Campus.
- Both these buildings have ground + 8 stories with 3 level basements. The buildings in themselves will provide diagnostic, Imaging & treatment facilities under one roof.
- The Paid Ward in the Super Specialty Block have 228 Beds which will also cater to the CGHS beneficiaries.
- Following implementation, the 215 ICU beds will be available to Safdarjang Hospital's in addition to the existing will make it one of the best Centre of its kind in the Country for treatment.
- The redevelopment plan will enhance the academic capacity building with the help of DM/MCH programmes in the planned Super Specialties like CTVS, Cardiology, Pulmonary critical care & Sleep Medicine, Urology, Neurology, Neurosurgery, Endocrinology, Nephrology, and Nuclear Medicine etc.
- L&T was awarded the contract (3 Basement +1 Ground +8 Floor) for Rs. 444.70 Crores for construction of Super Speciality Block. Civil construction of Super Speciality Block completed in April, 2017.
- The building construction of Emergency block has been completed in February, 2016. Completion certificate given by NDMC in Sept 2016 and the block was made operational on 07.02.2018.
- **Emergency Block** with 500 Beds (including 90 ICU beds and 17 OTs) will cater primarily to orthopaedics, Neurosurgery, general surgery, Medicine and Paediatrics emergencies.
- This project has been accomplished in a phased time-bound manner, with least or no disturbance in the functioning of the hospital.
- There are going to be many new and unique features and facilities in this project. Not only buildings are centrally conditioned and environmentally friendly (GRIHA 3 Star Rating) with ramps, stairs, lifts and escalators, a paperless system **with customised Hospital Information Management System** is going to be implemented.
- Besides HIMS, Robotic Surgery, Heart Command Centre, MRI guided Brain Suite, Gamma Knife Surgery, Interventional & Critical Care Pulmonary Medicine, 24 × 7 Dialysis Unit, PET scan, Mobile CT, 24 × 7 Radiology & Laboratory services planned under PPP mode, Rehabilitative Services and one of the largest Private Wards will come under one roof in Super speciality ward.

## **SUPER SPECIALTY BLOCK**

- Since independence only state of art hospital in Delhi – AIIMS from where bulk of overflow from AIIMS come to SJH. Most patients referred need superspecialty care.
- Requirement to urgently provide infrastructure to handle the work load of expanding superspecialty services.
- Need for requisite manpower and equipment to upgrade various specialties.
- Cost of medical treatment being prohibitive, majority of persons come to govt. sector.GOI annually spending crores for medical treatment of Govt. servants in private hospitals.
- Many departments need urgent attention eg cardiology, endocrinology, neurosurgery etc.
- Lack of nursing home facility

## **FACILITIES**

- **555 beds including ICU (125) catering primarily to Cardio Thoracic Vascular Surgery, Cardiology, Neurosurgery, Neurology, Nephrology, Urology & Renal Transplant Unit, Pulmonary Critical Care & Sleep Medicine, Endocrinology and Nuclear Medicine etc.**
- **24 bedded Heart Command Centre and Emergency Care**

### **PAID WARD BLOCK**

- **228 beds catering to CGHS and others for generating revenue.**
- **Independent Diagnostic and Investigation facilities like MRI, CT scan, PET scan, X-Ray, Ultrasound, Laboratory services (on PPP mode)**
- **20 modular Operation Theatres**
- **Blood Bank and other services**
- **Stack Parking**

## **ACADEMIC CAPACITY BUILDING**

- **DM /MCH PROGRAMME** CTVS (8), Cardiology (6), Pulmonary & critical care medicine (4), urology (4), Neurology (6), Neurosurgery (4), endocrinology (2), nephrology (2), medical oncology (2-3) etc
- **New courses in biochemistry, pathology (MD pathology, MD transfusion medicine, DM, Fellowships, diploma in MLT, BSc, Msc and PhD etc), microbiology, radiology, anesthesia (DNB intensive care, DM in neuro/cardiac anesthesia) etc can be started.**

## **NEW ADDITIONS**

- **Robotic Surgery, Heart Command Centre, MRI guided Brain Suite, Gamma Knife Surgery, Interventional & Critical Care Pulmonary Medicine, 24 × 7 Dialysis Unit, PET scan, Mobile CT.**

## **EMERGENCY BLOCK**

Till recently running in casualty block with 6 triage beds, 3 resuscitation beds, 6 disaster Beds & 6 observation beds and handling 920 emergency patients per day.

Only 16 ICU beds with only 55 beds were available for medical, surgical & neurosurgical emergency patients.

### **The New Emergency Block**

- 500 beds (90 ICU, 64 triage, Red Zone for pediatric and adult separate) for Medical Emergencies, which will make this Hospital as the biggest Emergency Care Centre in the Country.
- This building has come up at junction of Aurbindo Marg and Ring Road in Safdarjung Hospital Campus.
- The building is constructed by M/s ACIL at the cost of Rs 196 crore.
- Facilities provided
  - **40** EXAMINATION BEDS
  - 68 ICU + red zone pediatrics (**15**) and adult (**11**)
  - 15 MOD Operation Theatre's With 2 MINOR
  - 368 WARD BEDS (including disaster and isolation beds)
  - Independent DIAGNOSTICSLABS.
- The New Emergency Block building has been handed over to Safdarjung Hospital in June, 2016 and completion certificate obtained in September 16.
- The building was operationalized on 7<sup>th</sup> February, 2018.
- 45000 lab tests and 100 surgeries performed and more than 1400 patients on an average are being seen every week now.