

## **Project Synopsis: Setting up an Endoscopic Ultrasound System at Maharaja Agrasen Hospital Charitable Trust at Punjabi Bagh**

### **Introduction:**

Maharaja Agrasen Hospital Charitable Trust at Punjabi Bagh has been providing quality healthcare services to the community for several years. The trust is committed to ensuring that patients receive the best possible care using the latest technology and medical equipment. One of the areas that the trust has identified as requiring investment is the Endoscopic Ultrasound System. This system is used in the diagnosis and treatment of various gastrointestinal diseases, pancreatic diseases, and lung diseases. The trust intends to set up this system to improve the quality of care for patients suffering from such conditions.

### **Purpose:**

The purpose of this project is to set up an Endoscopic Ultrasound System at Maharaja Agrasen Hospital Charitable Trust at Punjabi Bagh. This system will enable the hospital to provide accurate and timely diagnoses of various gastrointestinal, pancreatic, and lung diseases. It will also aid in the planning of appropriate treatments and procedures for patients.

### **Objectives:**

The objectives of this project are as follows:

- To acquire an Endoscopic Ultrasound System for Maharaja Agrasen Hospital Charitable Trust at Punjabi Bagh
- To install and set up the system in a suitable location within the hospital
- To train medical personnel on the proper use of the system
- To ensure that patients receive timely and accurate diagnoses using the Endoscopic Ultrasound System
- To improve the quality of care for patients suffering from gastrointestinal, pancreatic, and lung diseases

### **Target Beneficiaries:**

The target beneficiaries of this project are patients suffering from gastrointestinal, pancreatic, and lung diseases who require the use of the Endoscopic Ultrasound System for accurate diagnosis and treatment. Additionally, medical personnel will benefit from the training provided on the proper use of the system.

### **Community Characteristics:**

The Delhi NCR community where this project will take place is a densely populated urban area with a high demand for quality healthcare services. The community comprises people from various socioeconomic backgrounds, including low-income groups. The area has a high demand for medical services, and the hospital plays a vital role in meeting this demand. The community has access to various education and health services, but there is still a need for investment in medical equipment to ensure that patients receive the best possible care.

**Project Design:**

The project will involve the acquisition, installation, and setup of the Endoscopic Ultrasound System at Maharaja Agrasen Hospital Charitable Trust at Punjabi Bagh. The system will be installed in a suitable location within the hospital, and medical personnel will be trained on its proper use. The project team will work closely with the hospital management and medical personnel to ensure that the system is properly integrated into the hospital's operations.

**Project Implementation:**

The project will be implemented in three phases:

1. **Procurement:** The first phase will involve the procurement of the Endoscopic Ultrasound System. The project team will work with vendors to identify the best system that meets the hospital's requirements and budget.
2. **Installation:** The second phase will involve the installation and setup of the system in a suitable location within the hospital. The project team will work with hospital management to identify the best location for the system.
3. **Training:** The third phase will involve training medical personnel on the proper use of the system. The project team will work with hospital management to identify the appropriate medical personnel who will require training.