

## **20. GA 161/19**

### **Rehabilitation of the Server Room & Purchasing a Tape Drive for the LPJ HQ, Jerusalem**

#### **Project Description**

The current server room of the Latin Patriarchate of Jerusalem is located on-premises. A report was prepared by the LP IT and Communication Manager to demonstrate that the current server is hosted in a room with no proper ventilation, security or fire and safety controls to ensure the protection of the hardware and data. The server room do not meet the specific environmental conditions to be able to support the network, avoid crashes and failures, and prevent physical damage to the valuable work asset. The absence of the previously-mentioned controls leaves a critical vulnerability to the Patriarchates Strategy, expose it to loss of data which will leave it vulnerable to financial and operational losses.

In this context, the LPJ, with the support of the engineering team is planning to redesign the Server Room to enhance the system's availability to all end users, mitigate the loss of critical financial and operational data; thus, contributing to better and faster services. In addition to that, the project will help to safeguard the most valuable assets of Data by preventing damage to the Server room and secure the data from outside access. Should the situation be kept as it is now, the Latin Patriarchate will be in a critical risk of losing important financial and operational data which will consequently lead to loss of money and resources.

The scope of work will include the following:

- Supply and install, after dismantling, new fire rated double gypsum walls and ceiling to the server room.
- Install new fire rated steel door of 1:30 hour rated as safety door for server room.
- Install raised access steel galvanized floor as per room size 2.8\*2.2 meter.
- Apply painting to the new ceiling and walls for the server room.
- Supply install FM 200/HFC to server room for fire extinguisher protection, and complete set with a new system with control unit.
- Supply and install new lighting lamps, fixtures and emergency lighting.
- Supply split unit one new mechanical special AC.
- Arrange new CCTV electrical points, sensor, display and control and humidity with temperature display and control system.
- Supply and install special tape recorder for server room.
- Supply and Install HP ProLiant server QTY 2.0.
- Purchasing a Tape Drive.

The project will require 6 months of work and will be managed and supervised by the Latin Patriarchate engineering and procurement staff and will comply with all LPJ internal contracting and supervision procedures.

## Cost Estimate

Item	Description	Cost Estimate in USD
1	civil works	8,025.00
2	mechanical and electrical works	6,781.00
3	Equipment tape server and adjusment the curent equipment	15,497.00
4	HP pro- LION SERVER	6,060.00
5	design and supervision 10%	3,636.00
<b>Total cost for the project</b>		<b>40,000.00</b>

## Photos

