



# THE LATIN PATRIARCHATE OF JERUSALEM

## Project Application

### Installing a Heating System in the New Sisters House Beit Jala



General Administration  
March 2026

## Background

The Rosary Sisters have been a cornerstone of the Beit Jala community since 1856, providing vital educational and pastoral services. Following the recent expansion of their residence (2020-2021), there is a critical need to finalize the infrastructure of the new floor to ensure a healthy and sustainable living environment. The residence in Beit Jala is more than a home; it is the operational hub for the only Arab-founded Catholic women's congregation in the Holy Land. Given the town's status as a central Christian hub, the sisters' comfort is directly tied to their ability to serve the school, the parish, and the local community. To maintain the integrity of the new purpose-built space, a professional-grade heating solution is required to replace temporary measures and accommodate the local climate.

## Project Description

This project shall provide a high-efficiency heating system designed to support the sisters in their ongoing mission within the Beit Jala LP school premises. The project aims to provide a stable environment so the sisters can focus on their educational and social work, utilize condensing technology and insulated buffering to minimize long-term operational costs and support the long-term viability of the Rosary Sisters' mission in Palestine. The scope of work will include the following:

### Mechanical Works:

- Installation of a 45KW condensing gas boiler, providing superior energy efficiency by capturing latent heat.
- Provision of 200-liter double coil cylinder for domestic hot water.
- Installation of an 80-liter insulated buffer tank to prevent boiler short-cycling and extend system life.
- Installation of copper collectors and pumps for reliable fluid distribution.
- Installation of high-grade aluminum radiators throughout the residence for rapid thermal response.
- Installation of a dedicated Gas Tank meeting all local safety standards.

## Electrical Works

- Installation of a centralized control pane for system monitoring and safety.
- Installation of precision Thermostat to allow for localized climate management and reduced fuel consumption.
- Complete power and control cabling tailored for high-moisture and high-temperature mechanical environments.

**Project Duration:** 3 months

## Cost Estimate

Description	Cost (USD)
Electrical Works	735
Mechanical Works	14,125
Design & Supervision Fees (10%)	1,485
Total	16,345





**LATIN PATRIARCHATE  
OF JERUSALEM**

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