Bethlehem University
2008 Projects Summary
Bethlehem University
2008 Projects Summary

In Addition to following up daily engineering related issues and supervising the Maintenance and Security Departments the University Engineer is involved in completing several projects such as but not limited to the followings:

1. Bethlehem Hall- Physiotherapy Department Renovation Project
2. Public Relation Office Remodeling Works
3. Mar Andrea Computer Laboratory
4. Finance & Education Departments, New Partitions
5. Bethlehem Hall, Computer Laboratory
6. Church A/C Works
7. Science Building A/C and Ventilation Works
8. Civil Defenses Systems... (On going).
9. Furniture Works:
   a) Multi Media Podium
   b) Olive Oil Display Shelves
   c) Education Department (On Going)
Bethlehem University
Rehabilitation of the Physiotherapy Classrooms

Building: Bethlehem Hall
Area: 588 square meters
Old Use: Classrooms and Clinics
New Use: Classrooms and clinics

During Works
After Works
Bethlehem University
Rehabilitation of the Physiotherapy Classrooms

Description of Works:

Civil Works:
1. Demolishing Works:
   a. Removal of the old floor finish (PVC, Tiles ... etc.)
   b. Dismantle the existing windows
   c. Dismantle the existing wooden doors
   d. Demolishing of some block walls to create larger spaces as needed or to change the distribution of the space.
   e. Dismantle the existing bathrooms
2. Stone works:
   a. Supply and install stone cladding for the external concrete elevation of the building after removing the old plaster and restoration of the walls.
3. Block and Plaster Works:
   a. Build new block walls to rearrange the distribution of spaces
   b. Plastering of the newly built block wall and patching works for the electromechanical installations.
4. Tiling works:
   a. New terrazzo tiles for the classrooms.
   b. New ceramic porcelain tiles for the bathrooms floors and walls.
   c. New stone internal windows sills.
5. Wooden Works:
   a. Supply and install new wooden doors and door frames for the restored classrooms.
   b. Supply and install new educational kitchen similar to the existing one in the department
   c. Supply and install new bathroom partitions for the newly restored bathrooms.

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager
December 2008
Bethlehem University

Rehabilitation of the Physiotherapy Classrooms

Description of Works:

Civil Works:
6. Aluminum Works:
   a. Supply and install new aluminum windows for all the building openings.
7. False Ceiling Works:
   a. Supply and install acoustical false ceiling in the classrooms where needed.
   b. Supply and install metal false ceiling in the bathrooms and wet area’s.
8. Painting Works:
   a. Supply and apply painting for the whole building walls, false ceiling margins,
      ceiling, and under false ceiling area.

Mechanical Works:
1. Drainage Works:
   a. Supply and install new drainage system for the renovated bathrooms, kitchen
      and sinks in the classrooms as needed and required.
2. Cold and Hot Water System:
   a. Supply and install water collectors for the project.
   b. Supply and install new cold and hot water points where needed.
   c. Supply and install new hot and cold water pipes.
3. Sanitary Fixtures:
   a. New WC for the bathrooms.
   b. New sinks for the bathrooms.
   c. New Sinks in the classrooms.
   d. New sinks in the classrooms.
   e. New Urinals.
Bethlehem University
Rehabilitation of the Physiotherapy Classrooms

Description of Works:

**Electrical Works:**
1. New Main Power Feeders.
2. New Electrical Earth system.
3. New Main Electrical Distribution Board
4. New Electrical Installations:
   a. Power Sockets.
   b. Lighting Points
   c. Lighting switches
5. New Electrical Low Voltage Installations:
   a. Fire alarm installations
   b. LCD projector with lift installations.
   c. Telephone pints
   d. Satellite points
   e. Computer Network installations
   f. New Audio system.
6. Lighting Fixtures: Install new lighting fixtures where needed and as required.
Bethlehem University
Rehabilitation of the Physiotherapy Classrooms
Design Works
Bethlehem University
Rehabilitation of the Physiotherapy Classrooms

Pictures of Works

Inspecting Aluminum Works

Aluminum Windows Installed

New Bathrooms

Construction Works

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Rehabilitation of the Physiotherapy Classrooms

Pictures of Works

Before Renovation

During Works

After Renovation

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Rehabilitation of the Physiotherapy Classrooms

Pictures of Works

After Works

After Works

After Renovation

After Renovation

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Public Relation Office Remodeling Works

Building: Cultural Center Building
Area: 96 square meters
Old Use: Offices & Meeting Room
New Use: Public Relations Office

Description of Works:

Civil Works
1. Creating new Location of a Reception Counter
2. New Offices partitions and wooden doors
3. Painting and remodeling works
4. Install main door for the office

Furniture Works: new furniture for the whole office consists
1. Reception counter
2. Office desks
3. Filing cabinets
4. Meeting table
5. All chairs needed

Electrical Works:
1. New main distribution board
2. New lighting system
3. New power system
4. New low voltage system

A/C works: Make all necessary installation for connecting A/C units in the rooms
Bethlehem University
Public Relation Office Remodeling Works

After Works

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Public Relation Office Remodeling Works

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008

After Works
Bethlehem University
Public Relations Office Remodeling Works

Pictures of Works

Entrance

Reception

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Public Relations Office Remodeling Works

Pictures of Works

Workers Office

Volunteer Computer Stations

Filing Cabinets

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Mar Andrea Computer Laboratory

Building: Mar Andrea Complex
Area: 180 square meters
Old Use: Storages
New Use: Computer Laboratory

Description of Works:

Civil Works
1. False ceiling works
2. New aluminum windows
3. Painting and remodeling works
4. New furniture
Bethlehem University
Mar Andrea Computer Laboratory

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Mar Andrea Computer Laboratory

- False Ceiling
- General View
- Computer Tables
- Projector System

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Finance & Education Departments – New Partitions

Building: Main Building

Description of Works:

Installation of new office partitions to create extra private offices and waiting area to suit the changing needs of the finance & education offices.

Design Proposals

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Finance & Education Departments – New Partitions

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Computer Laboratory – Bethlehem Hall

Building: Bethlehem Hall
Computer Laboratory

Description of Works:

1. Civil Works
   a. Maintain the existing windows
   b. New painting works
2. Furniture Works: New Computer Tables
3. Electrical Works
   a. Renovation for the existing electrical board
   b. New lighting system
   c. New power system
   d. New low voltage system

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University

Computer Laboratory – Bethlehem Hall

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University

A/C Units for the University Church

Building: De La Salle Hall Church

Description of Works:

Supply and install of new A/C units in the existing Bethlehem Uni. Chapel, without affecting the historical and ethical value of the church.
Bethlehem University
A/C and Ventilation System for Science Building Facilities

Description of Works:

Chemistry and Biology Lab:
Installation of new ventilation system, and adapting the false ceiling to the new system, with new false ceiling in the corridors.

Computer Lab.:
A/C unit for the computer lab.

Server Room:
A/C unit for the server room
Bethlehem University
A/C and Ventilation System for Science Building Facilities

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University

Civil Defenses Systems

Description of Works:

1. Preparing signs for the location of fire distinguishers and fire fighting hoses in the university in case of fire.
2. Preparing signs for the nearest fire escape in case of any fire or natural disaster.
3. Creating location maps showing exits compared to location in the University.

The works will include all the facilities and area’s of the University.
Bethlehem University
Miscellaneous Furniture Works

**Moveable Podiums:**
Creating of a moveable podium that contains a computer and multimedia system that can moved through a certain building to be used during lectures where needed.

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University

Miscellaneous Furniture Works

Shelving Units:
Making shelves for showing olive oil products.

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008
Bethlehem University
Miscellaneous Furniture Works

Education Department (On Going):
Making Some needed shelves for the education department:
• Drawers Units
• Computer Tables
• Shelving Units.
Bethlehem University

Miscellaneous Furniture Works

Education Department (On Going):

Prepared By:
Engineering & Construction Management Department
Eng. Negib Nasser / University Engineer / Construction Manager

December 2008