



Judana Properties Bosnia D.o.o.
Competition for Mosque Concept Design
Design Criteria
Spring 2018

1. Introduction:

Judana Properties Bosnia d.o.o. is a private Bosnian company that is currently pursuing the development of Daniyah Farms; a large recreational farms project in the middle of Bosnia's beautiful nature near the elegant town of Olovo. In the heart of this project and near a beautiful hill top, Judana wishes to construct a very unique mosque that is to be in harmony with its surroundings and not linked with or derived from any traditional or historic mosque designs. Judana wishes for this mosque to become a well-known landmark in Bosnia & Herzegovina.

2. Main Theme:

The Mosque is to be architecturally designed to be a clear embodiment of the core principle of God's test to mankind since the creation of Adam and that is:

Total Submission to God

The One Eternal God

The Creator of all-beings, Lord of Lords, King of Kings, the All-Wise, the All-Powerful, the Most Merciful, the Most Compassionate, and to whom all creations shall return

The Mosque is to be designed to **inspire the worshippers to stand and to prostrate with utmost humility** in front of their one God and **enjoy beautiful feelings of peace and tranquility** when submitting and **being close to their Lord**.

This Mosque will be located in the middle of nature within this new village of recreational farms away from urban life, and as such, the atmosphere is befitting for worshippers who wish to **retreat from noise and distractions**.

3. Specific Criteria

- a. **Unique Concept:** an original idea
- b. **Unlike traditional or historical mosque design concepts and themes:** The designers ARE ALLOWED to incorporate ELEMENTS that are INSPIRED by traditional Islamic elements and art. However, the proposed concept must not be similar to or a



modification of any historical mosque designs such as Ottoman, Bosnian, Andalusian or any other traditional mosque design concepts and themes.

c. **In Harmony with Surrounding Environment**

- d. **Visibility of Worshippers:** The site of worshippers prostrating to God; their Creator and Lord, in total submission and in unison is a more inspiring site than any wonderful architectural features any mosque can have. Therefore, this Mosque must be conceptualized in a manner that enables people passing or driving by outside the Mosque to view the worshippers while they are praying the Jamaat prayer (group prayer) inside and feel drawn to join. However, this should be achieved in a manner and from angles that; i) shall not distract the worshippers from praying with focus and submission (in Bosnian; “usredotocenje” / in Arabic; “khushoo” خشوع); and ii) allow the worshippers while performing their individual prayers to find zones that are not viewable from the outside if they prefer more privacy.

Therefore, glass is to be an important element in the Mosque’s structure but shall be cleverly positioned and sized.

- e. **Can be Recognized as a Mosque:** Although it is required that the design is NOT traditional, the Mosque’s appearance should still indicate to by-passers that this is a place of worship for Muslims. The designers should use their own creativity to come up with the needed features for this purpose.
- f. **Separated Main Minaret:** The location of this Mosque is near a hill top that will block the Mosque from being seen by people in the nearby villages and by drivers on the nearby highway. Therefore, the main minaret is to be located away from the Mosque location on a specific point that will enable it to be clearly viewed by the maximum surrounding population possible. This minaret shall be located on the mount that is facing the Olovske Luke village. This minaret is to be visible from a distance from the M18 highway and from Olovo and shall be designed to be illuminated with lights on special occasions so that the site of this minaret when the lights are turned on shall be very beautiful while inspiring humility and submission to God.
- g. **Connecting the Main Minaret with the Mosque:** The location of the Main Minaret is almost 570 meters away from the Mosque. Therefore, and in order to clearly communicate to the visitors to the area that this Main Minaret is connected with the Mosque (that is 570 meters away), the designers are to propose certain architectural elements that are in clear harmony with each other in both the Main Minaret and the Mosque structure and exterior.
- h. **Other Minaret (next to Mosque) Up to Designers:** It is up to the designers to decide whether a second minaret is to be proposed next to, or as part of, the Mosque structure. This Design Criteria does not require NOR forbid such second minaret. What



is important is to ensure, as required in Point 2.e above, that the Mosque structure is clearly recognized as a mosque on its own especially in view of the fact that the Main Minaret is 570 meters away. Another minaret as part of the Mosque structure is one of the acceptable methods for achieving the mentioned objective, however, other creative methods are also encouraged.

- i. **Inspiring Exterior Lighting:** The designers are to design all structures and their exterior lighting plans in a manner that achieves a beautiful inspirational effect when the external lights are turned on at night. The impact of such lighting should support the main theme of the Mosque explained above.
- j. **Suitable for Weather in This location:** The Mosque's roof and various elements must be designed in a manner that is suitable for the weather in the Mosque's area where heavy snow, rain, very cold winters, and now increasingly warm summers are common.
- k. **Natural Cooling & Ventilation:** The design is to include arrangements for enabling the temperature inside the Mosque to remain cool and comfortable especially during warm seasons without using air conditioners to the maximum extent possible. Some of these arrangements need to be controllable so that they are shut off or reversed in cold seasons.
- l. **Wheelchair & Elderly Friendly:** People on wheelchairs and the elderly must feel very comfortable accessing this Mosque, worshipping inside it, and using the facilities and toilets on their own without having to be assisted by others. As examples; slopes and other arrangements are needed for wheelchairs, and the elders who are not on wheelchairs need stairs with shallow steps (lower than standard height) as well as benches to sit on while praying (if they are unable to perform prostration on the floor).
- m. **Care-Taker Friendly:** The Mosque should be designed in a manner that makes it easy for one care-taker to upkeep and clean the Mosque with simple tools. As one example, all light fixtures must be situated at heights and locations that will enable the care-taker to change all light bulbs without the need for scaffolding or extra-tall ladders.
- n. **Low Maintenance:** The Mosque features, mechanical, and other requirements should be designed in a manner that results in low maintenance efforts and cost.
- o. **Buildable at Very Reasonable (moderate) Cost:** A unique and beautiful concept should not mean high cost. In fact, being lavish is contrary to the teachings of Islam. **It is very important that each competing team keeps a close eye on the possible cost level for constructing their proposed design.** A very costly mosque shall not be selected for construction, while a mosque that is beautiful, unique, inspiring, achieves the required Design Criteria, AND can be constructed at reasonable and moderate cost has a high chance of winning.



p. Unacceptable Designs:

- i. **Designs that do not achieve all of the Design Criteria.**
- ii. **Traditional Themes:** Designs that either follow or are derived from Ottoman, Bosnian, or any other traditional Islamic architecture are unacceptable.
- iii. **Mimics of Objects:** The design can be inspired by specific objects but not a direct replica or mimic of such object(s).
- iv. **Not Unique:** Designs that clearly resemble mosques or other known structures that are already existing are not acceptable.

4. Mosque Facilities:

NOTES: 1) The competing teams are free to propose the number of floors, wall heights, square footage for all of the following sections, however, while achieving the required Design Criteria; 2) Do NOT include Car Parking in the Mosque land. Car Parking will be made available on nearby lands.

a. Main Structure (prayer hall):

- i. Should accommodate between 200 to 250 worshippers
- ii. Includes a zone for female worshippers that can be flexibly expanded or retracted as needed to accommodate the number of female worshippers.
- iii. Includes a section near the entrances for taking off and putting on shoes in a clean and comfortable manner such that the worshippers will immediately walk on clean carpet after taking off their shoes (similar to the arrangements in mosques in Turkey).
- iv. Uses natural lighting to the optimal extent but while avoiding causing the Mosque to become warm during summer.
- v. Has high ceiling to allow warm air to rise to the top away from the worshippers.

b. Courtyards

c. Study Room:

- i. Suitable to accommodate 30 students
- ii. Suitable for flexible seating arrangements (chairs and tables can be re-arranged flexibly)
- iii. Includes wall suitable for white board and projector presentation screen

d. Imam Accommodation:

- i. Bedroom



- ii. Living Room with open kitchenette
- iii. Bathroom
- e. **Care-Taker Room:** (used for resting during workday)
 - i. A corner for a bed and 2 chairs
 - ii. A small counter with sink for food preparation
- f. **Male Toilets & Ablution:**
 - i. Its entrance must include a special arrangement (such as an additional wall or partition from the outside) to provide additional privacy
 - ii. Ablution Area: 5 adult ablution sitting stools + 3 adult sinks + 1 child ablution stool + 1 child sink
 - iii. Toilets: 4 adult toilets + 1 handicapped toilet with sink inside (for a person using a wheelchair) + 1 child toilet (small size toilet seat)
- g. **Female Toilets & Ablution:**
 - i. Located far from the Male Toilets and on the side of the Ladies' entrance to the Mosque
 - ii. Its entrance must include a special arrangement (such as an additional wall or partition from the outside) to provide additional privacy
 - iii. Ablution Area: 3 adult ablution sitting stools + 2 adult sinks + 1 child ablution stool + 1 child sink
 - iv. Toilets: 2 adult toilets + 1 handicapped toilet with sink inside (for a person using a wheelchair) + 1 child toilet (small size toilet seat)
 - v. Baby change and cleaning room
- h. **Cleaning Materials Storage Room:**
 - i. A section for storing cleaning machines, tools, and supplies.
 - ii. A corner for washing the tools, machines and towels
- i. **Furniture Storage Room** (for storing extra carpets used in the courtyards in Friday and Eid prayers, extra chairs, etc.)

5. Attachments:

- a. Mosque Land Diagram
- b. Relevant Sections of Daniyah Farms Master Plan

End of Design Criteria Document