

Implementation of Renovation Assistance for the Construction of Thoriqul Karim Mosque Tolok Tegal Gede Karanganyar

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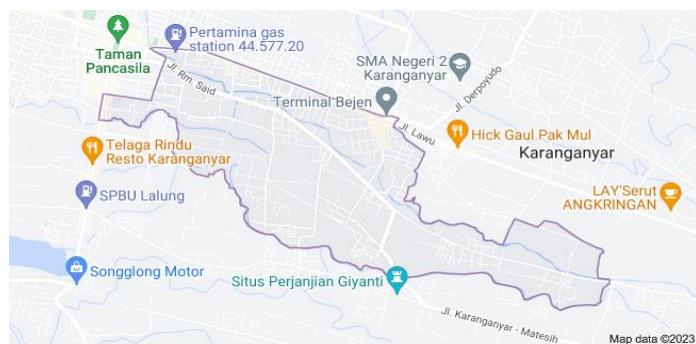
Abstract : The urgent need as a means of worship activities for community worshippers in RW 10 and the very many surrounding residents, encouraged the management of the Thoriqul Karim Tolok Tegalgede Karanganyar Mosque to carry out renovations to be able to accommodate all worshippers. Limited land and the size of the building demand for the construction of the mosque to be the 2nd floor. In this community service activity, it is carried out starting from the stages of preparation, implementation and the end of implementation. The purpose of this activity is to help the community in the process of building a mosque so that it becomes a safe and comfortable means of worship. The activities carried out are participating in planning, implementation and supervision during construction. The result of the activities that have been carried out today is the realization of the mosque in accordance with the expectations of the community.

Keywords: Renovation, construction, mosque, worship facilities

Introduction

Tegalgede is a village in Karanganyar sub-district, Karanganyar Regency, Central Java Province. Tegalgede Village consists of several neighborhoods/villages based on data there are 22 neighborhoods, one of which is Tolok Hamlet (Wilayah, 2023). Tolok Kalurahan Tegalgede Hamlet, Karanganyar District is included in the eastern part of Karanganyar City. This hamlet area includes RT 01 and RT 02 which are included in RW 10, Based on recorded data there are 90 households, The majority of which are Muslims so that adequate mosque facilities are needed.

Mosque is a place of worship of Muslims, mosque means a place of prostration. The word mosque is isim makan a form of words that mean place of prostration. While masjid is isim zaman which means the time of prostration (Rochim H & Priyatmono, 2015).



Picture 1. Tegalgede Karanganyar Village Map

Thoriqul Karim Mosque was built on the waqf land of Mr. Alm. H Mulyono and his family in Tolok RT 02 Hamlet which is included in a strategic area because it is located on the edge of the Karanganyar-Matesih KM main road. 2. This mosque has been built since 1985 in 1st floor condition and can accommodate worshippers at that time. But gradually with the development of the area and the number of people who continue to grow can not accommodate worshippers, let alone added with worshippers from outside who are average from travelers or passers-by in front of the mosque, especially for Friday prayer worshippers. Conditions like this, require mosque administrators to renovate the mosque so that it is expected to accommodate all worshippers so that they can carry out worship safely and comfortably.



Picture 1. Thoriqul Karim Mosque before being Renovated

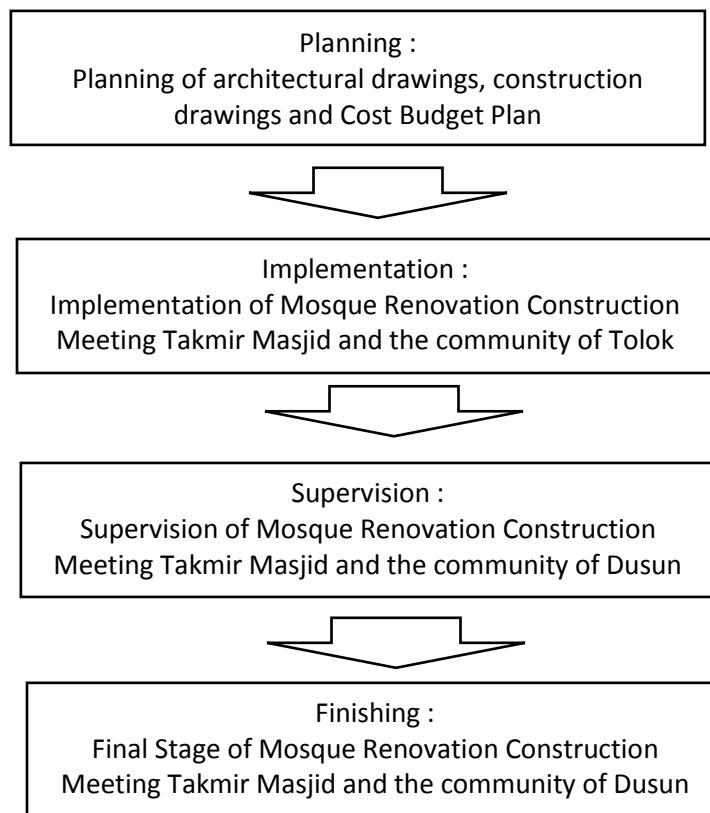
In this Community Service Activity, the executive collaborates with mosque administrators to make it happen starting from planning, implementation until construction is completed.

Method

The method used in this mentoring activity is preparation by providing input and direction to the management and mosque worshippers, planning by making building drawings, Cost Budget Plan, supervision of development implementation, especially in the stages of development to finishing / completion. The following is the process of activities in this community service.

Assignment :
Renovation of the Meeting Takmir Masjid Mosque
and the community of Dusun Tolok





Picture 3. Chart Of Community Service Activities

This Community Service activity was carried out in Tolok Kalurahan Tegalgede Hamlet, Karanganyar District, Karanganyar Regency. Precisely in Karanganyar, the eastern city is on the edge of the main road Jalan Karanganyar - Matesih KM. 2.

Results and Discussion

The result of this community service activity is the formation of a mosque construction committee so that the realization of a mosque building complete with facilities and infrastructure is used as a place of worship, especially the people of Dusun Tolok and generally for all Muslims.

It is hoped that the mosque can function as needed today. M. Dakwah and F.I (Studi et al., 2022) said In the current era of the awakening of the people. The function and role of the mosque began to be taken into account. There are at least four functions and roles of mosques in managing the potential of the people.

- a. Education and Training Center. Currently, human resources are one of the important icons of the process of laying the first stone of people's development. The process towards empowering people begins with education and training.
- b. The Economic Center of the People. Cooperatives are known as Indonesian economic gurus. But in reality, cooperatives become unsalable goods. Apart from various reasons regarding cooperatives, there is nothing wrong if the mosque takes over the role of a cooperative that has a positive impact on the people in its environment.
- c. Center for Networking People's Potential. Mosques with worshippers who are always present just to abort their obligations to God can reach tens, hundreds, even thousands of people.
- d. Library Center. Allah's first command to the Prophet Muhammad was to "read".

The basis for the implementation is the result of meetings and decisions from residents of Tolok Tegalgede Karanganyar Hamlet with the Head of RT 01, the Chairman of RT 02 and the Head of RW 10 as well as officials from the village as protectors of the construction of the Thoriqul Karim mosque.



Picture 4. Thoriqul Karim Mosque Tolok Tegalgede Karanganyar Village

The stages of implementation of the construction of Thoriqul Karim Mosque, Tolok Tegalgede Karanganyar Hamlet are as follows:

1. Meeting on the formation of the Mosque Construction Committee.

The meeting was held to form a committee for the renovation of the mosque construction which was attended by community leaders and all the people of Tolok Tegalgede Karanganyar Hamlet who then divided the duties and responsibilities of each administrator who would later carry out the construction of the mosque. In this case, the community service executive provides input and direction to facilitate the construction of the mosque.



Picture 5. Meeting on the formation of the Mosque Construction Committee

2. Installation of Kali Stone Foundation and Cast Concrete Foot plate

The Kali Stone Foundation is needed to support the wall building above it, and the footplate foundation to support the column structure and evenly divide all the load above it so that it is very strong to withstand its own load, wind and earthquake.

Understanding concrete according to W. Kusuma (Kusuma et al., n.d.) Concrete is formed by hardening a mixture between cement, water, fine aggregate (sand) and coarse aggregate (crushed stone). Based on SNI 2847:2013 the steel reinforcement used must be screw reinforcement except for spiral reinforcement or prestressed steel allowed plain reinforcement (SNI, 2013), thus the cast used for the renovation of the construction of the Thoriqul Karim mosque uses reinforced concrete cast considering that the building is lanati-2 planning.

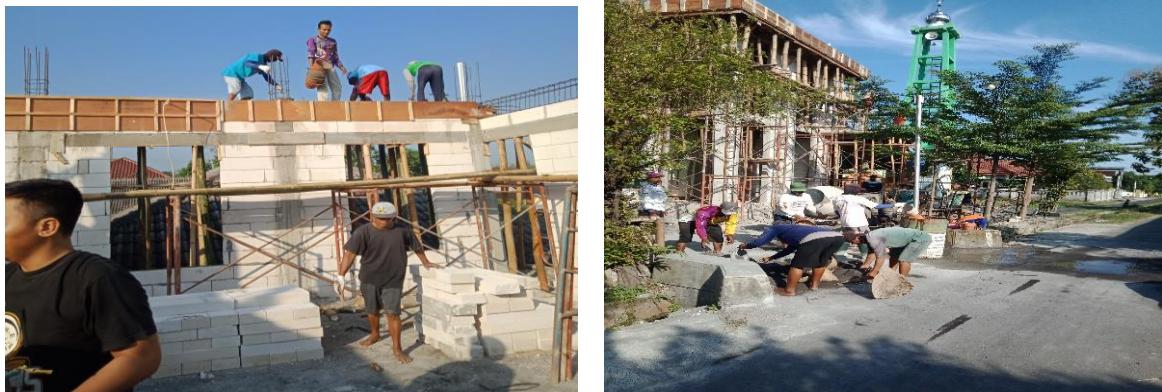


Picture 6. Concrete Food plate Foundation

3. Wall Installation with Light Brick (Hebel)

The installation of herbel bricks Thoriqul Karim Mosque is intended to make the wall as a barrier so that there is a separation between the mosque room and other spaces. Herbel was chosen as a material for the wall because it is lightweight so it does not burden the construction much underneath.

Hebel is a lightweight brick made from gypsum dough, silica sand, cement, limestone water, and powdered aluminum. The dough that has been mixed will be preserved and compacted by heating or given high enough pressure using a tool called Autoclave (Farhan Saputra & Darius Yuhas, 2021).



Picture 7. Wall Installation with Light Brick (Hebel)

4. Concrete plate Dag Casting

a. Thickening of Reinforced Concrete Iron Plate

requires special skills especially for experienced blacksmiths. Before casting, it is necessary to install the bekesting first as a cast retaining board then on top of it woven iron according to the size of the construction and the strength needed. It is also.



Picture 8. Thickening Of Reinforced Concrete Iron Plate

b. Implementation of Concrete Dag Plate Casting

The casting of concrete Dag Plate is carried out by experienced Masons and Blacksmiths and for labor assisted by mutual assistance of all residents of Tolok Hamlet so that energy costs are economical and also as jariyah worship for community residents.



Picture 9. Implementation of Concrete Dag Plate Casting

5. Roof Frame Installation.

The roof frame is installed to protect the construction underneath from the dangers of solar heat, rain so that it is safe and comfortable for mosque buildings to be used for worship and other mosque activities.



Picture 10. Roof Frame Instalation

6. Thoriqul Karim Mosque Building Maintenance.

Maintenance, maintenance and repair of mosque buildings continue to always be carried out to keep the building durable, safe and comfortable to use, This is done to maintain the safety and health of everyone who is in the mosque area.

Maintenance of the building and the elements in it is very important and needs to be done after the building is built, because public buildings operate 24 hours continuously so that the safety and comfort of its residents are prioritized to provide satisfaction for its users (Prastowo, 2020).



Picture 11. Thoriqul Karim Mosque Building Maintenance

Conclusion

In the Community Service Activities for the Renovation of the Construction of the Thoriqul Karim Mosque, Tolok Tegalgede Hamlet, Karanganyar above, it can be concluded as follows::

1. A mosque is a place of worship that in time will follow the development of community life. In time the community is getting more and more, the mosque must also be renovated to meet the capacity of worshippers.
2. Renovation The construction of the mosque requires a committee that takes care of the implementation of construction, especially in the technical field, people who are experts in their fields are needed.
3. The completion of the construction of the mosque requires maintenance, maintenance and repair of the building for that in order for the building to remain good, a special section is needed for its maintenance.

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