

PROJECT PROPOSAL
**CLEAN WATER
ACCESS FOR
TANA MBANAS
2023**

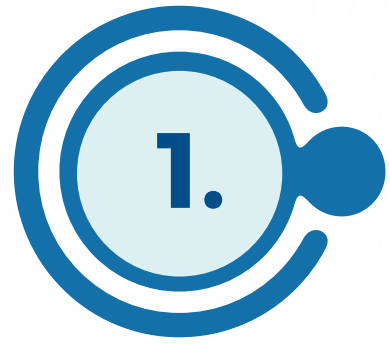


Present By :

Kawan Baik Foundation

Fair Future Foundation





**Survey
Summary**



**Propossed
Solution**



**Timeline
Project**



**Budgets
Proposal**



Reporting

SURVEY SUMMARY

GENERAL INFO

Tana Mbanas is a village in Umbu Ratu Nggay District, Central Sumba Regency, East Nusa Tenggara Province, Indonesia. The location is directly adjacent to East Sumba Regency and can be reached by car from Waingapu in approximately 4 hours.

In March and April 2023, the Foundatio's team surveyed the location to find potential points for drilling wells with the drilling expert team. Maria Ratu Karmel Church in Palawacu is the first location to be used as a point to search for drilled wells. Next, we visited several springs and clean water facilities in the Tana Mbanas, which were used as the primary data for project plans.

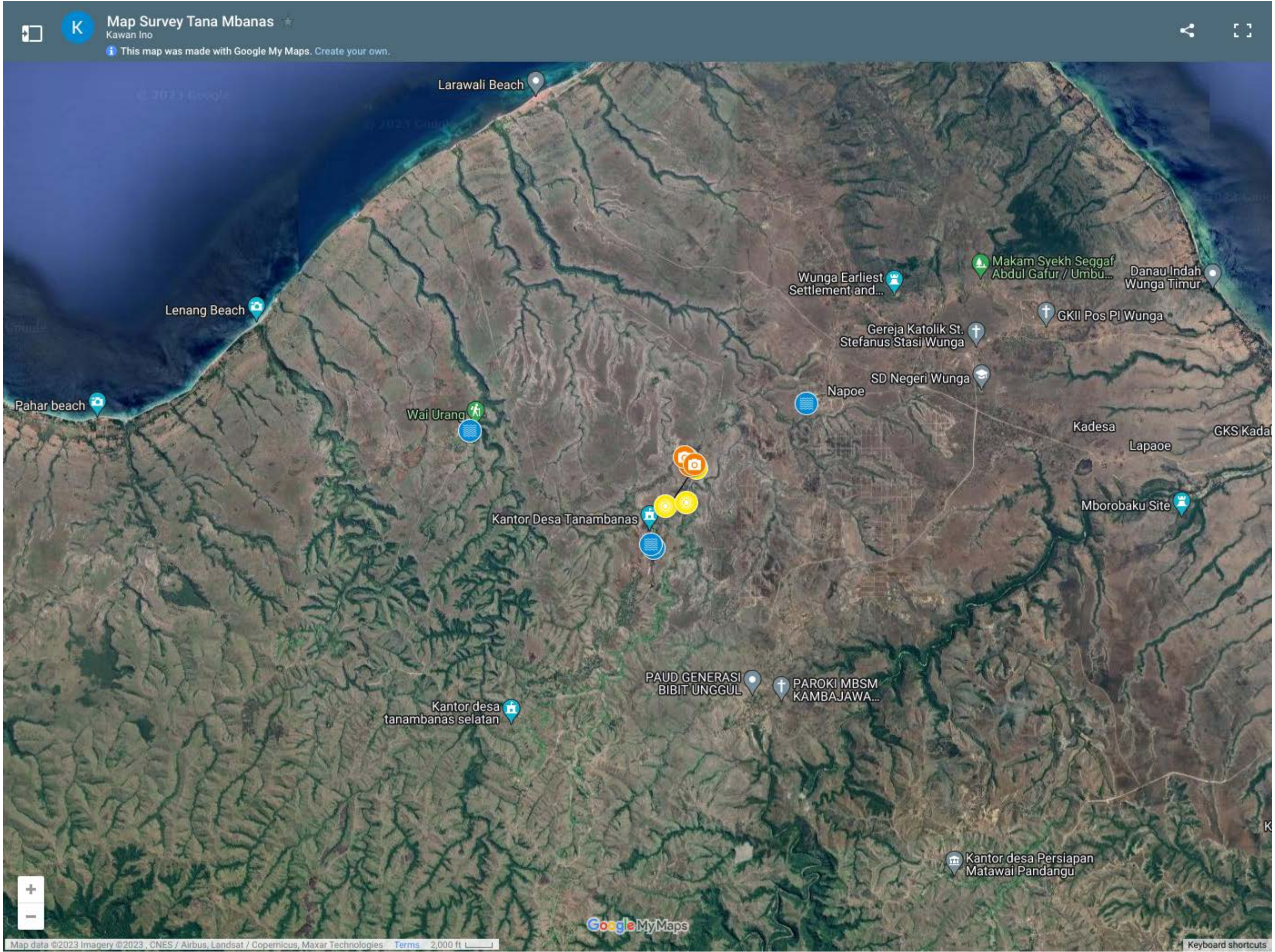


The following is a visit report in the Tana Mbanas village area:

- The team did not find any potential drilling points in the Church's land area,
- Other clean water facilities that already exist in the Church area also do not show any active activity of clean water flowing over the past year,
- The Church has several clean water facilities; three plastic water reservoirs and a tank without a lid in front of the Church with approximately 18,000 liters capacity,
- The team conducted a search for potential drilled well points to locations outside the Church area;

The following several points were found:

1. Location (1), approximately 100 meters west of the Church, has a potential depth of 90 meters. Constraints found are that the potential for success is low and the cost is exceptionally high.
2. Location (2) is 400 meters in front of the Church area and has a potential depth of 60 meters. Obstacles found there is a social conflict between residents and landowners.
3. Location (3) is about 1000 meters east of the church, adjacent to a manual dug well in the residents' yard. The potential drilling depth ranges from 30-40 meters. The problem at this point is not the church congregation and is quite far away.
4. Location (4) is about 1000 meters opposite the 3rd point. A potential depth of around 40-50 meters was found, this land belongs to the community, which is also the congregation of Maria Ratu Karmel Church, but a problem that has the potential to arise is that if the pipework is carried out to the Church area, the path to be traversed is an asphalt road from the province and a permit from the region is required.



bit.ly/MapTanaMbanas

ACTION PLAN



Build Water Facilities I

Spot 3: Potential for drilling well

The survey results and communications built by project partners show the potential for providing clean water facilities in location number (3). The Foundation expects the stability of communication established in the community by the Church's partners, so this location will obtain permits and legal approval.

The drilled wells and other facilities that will be built here will later be utilized by the community in the Tana Mbanas village area.

Drilled wells, reservoirs, faucet installations, and pump houses will be built here and require at least 16 square meters of area, which should be public or church property. This forms the basis of the initial execution.



Build Water Facilities II

Church area

Next is the water distribution from the first facility to the second facility at the Church. Piping about 1 km away will be carried out so that the Church has direct access from the Bore Well.

Revitalizing will be made to the 18.000 liters water reservoir, thereby adding a top cover and revitalizing this area to become a gathering point for clean water activities in the Church.





FACILITIES III

DISTRIBUTION WATER FROM THE TERMINAL RESERVOIR FACILITIES II TO WATER TOWER CONNECTING TO PASTORAL BUILDING

PUMP AND BOX ELECTRICITY CONTROL FROM FACILITIES II

WATER TOWER (3 METER) FOR FIBER RESERVOIR (MAX 1100 L)

PIPE LINE +/- 150 METER

PIPE CONNECTION TO THE PASTORAL BUILDING

INSTALLATION WATER TAP

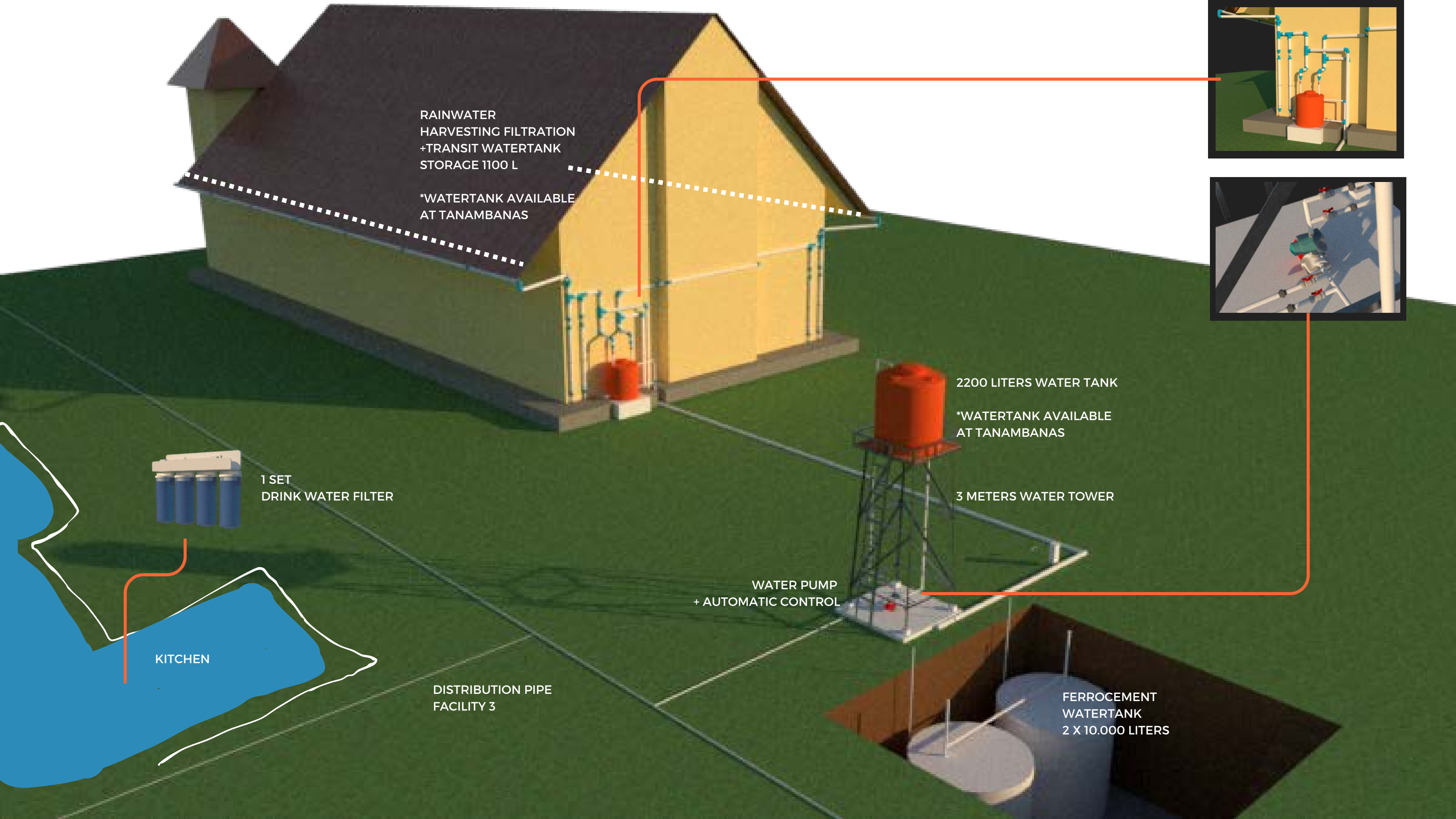
SUBMERSIBLE PUMP 0.5 HP
 AUTOMATIC PRESSURE PUMP
 KABEL, STOP KONTAK, BOX CONTROL

PIPA HDPE 1" 150 METER + CONNECTOR
 PIPA (PVC 1" & 1/2") 30 METER + KNEE L, T



FACILITIES IV

RAINWATER HARVESTING
AND RAIN WATER FILTRATION
WATER FILTRATION FOR DRINK



RAINWATER
HARVESTING FILTRATION
+TRANSIT WATERTANK
STORAGE 1100 L

*WATERTANK AVAILABLE
AT TANAMBANAS

1 SET
DRINK WATER FILTER

KITCHEN

DISTRIBUTION PIPE
FACILITY 3

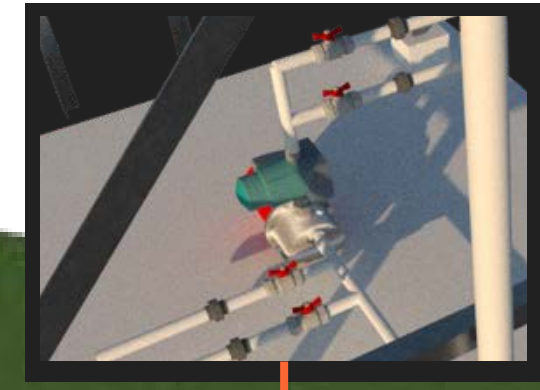
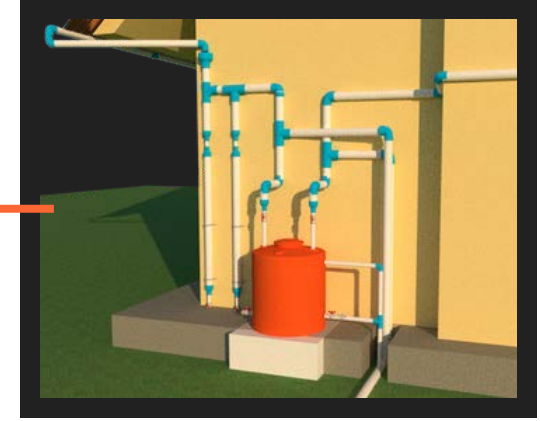
WATER PUMP
+ AUTOMATIC CONTROL

2200 LITERS WATER TANK

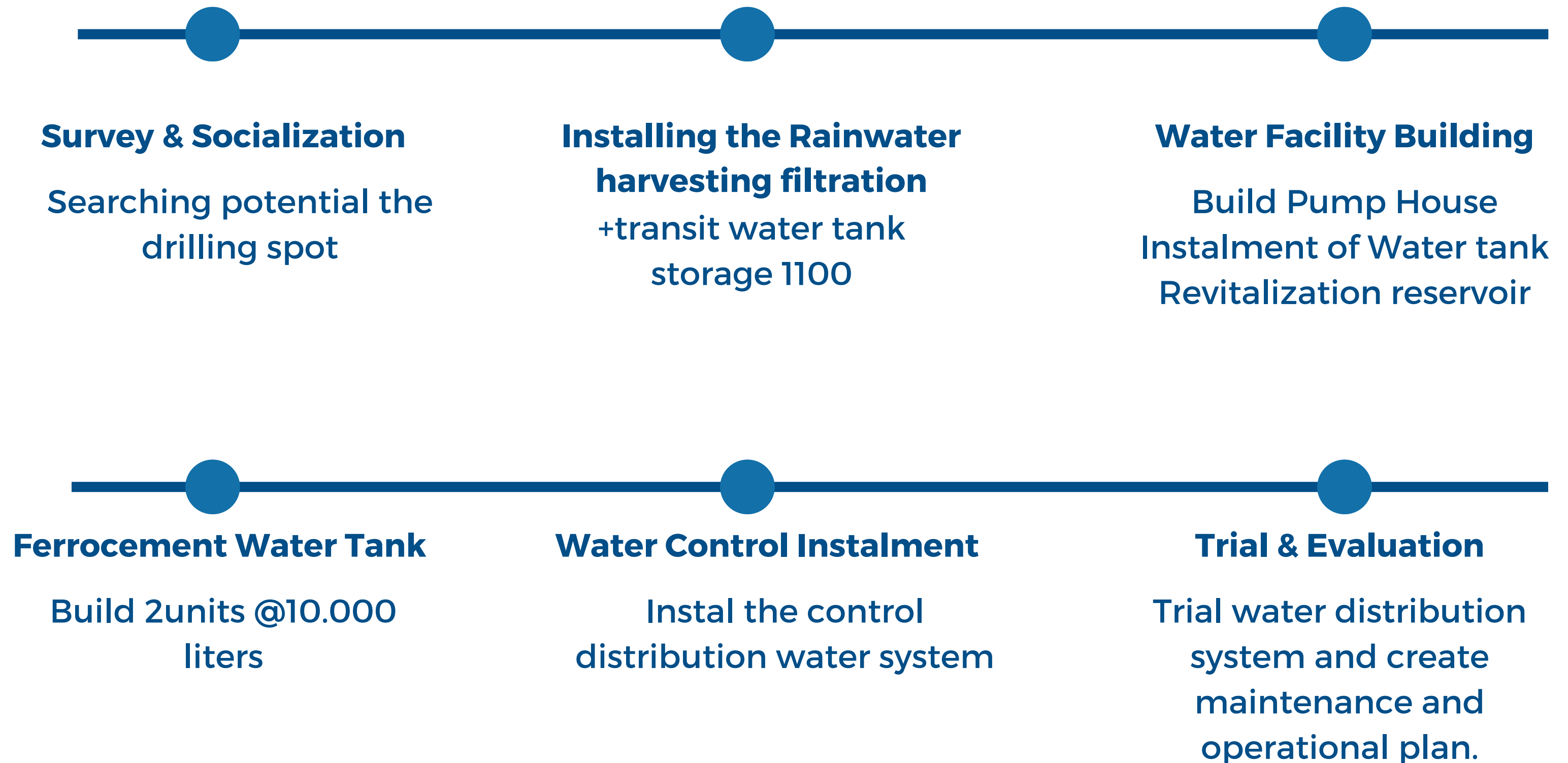
*WATERTANK AVAILABLE
AT TANAMBANAS

3 METERS WATER TOWER

FERROCEMENT
WATERTANK
2 X 10.000 LITERS



PROJECT TIMELINE



BUDGET PLANNING



WATER CONNECTION TANA MBANAS
YAYASAN KAWAN BAIK INDONESIA
2023



Kode Projek : 600.006.08
Koordinator Projek : Kawan Primus
Penanggungjawab Lapangan : -
Pos Anggaran : Kawan Sehat
Waktu Pelaksanaan : Juni - Juli 2023
Detail Kegiatan : Pembangunan Fasilitas air bersih di Tana Mbanas


USD14,840

ACTIVITIES				
Code	Description of Activities	IDR	Kurs Juni	
		Total Cost	USD	Total Cost
				%
1	Survey dan komunikasi dengan masyarakat di Tana			
1.1	Survey potensi titik pengeboran sumur di Tana Mbanas (minimal 3 titik potensial)	Rp13,580,000	USD915	4.74%
	Total Kegiatan 1	Rp13,580,000	USD915	4.74%
2	Fasilitas			
2.3	Pengadaan Fasilitas III di lokasi Gereja			
2.3.1	Menara Air	Rp9,050,000	USD610	3.16%
2.3.2	Sistem Control Pompa	Rp1,500,000	USD101	0.52%
2.3.3	Pemasangan Pompa	Rp2,500,000	USD168	0.87%
2.3.4	Pengadaan Pipa Mengairi area Gereja	Rp14,350,000	USD967	5.01%
2.3.5	Instalasi Kran dan Pemipaan	Rp3,000,000	USD202	1.05%
	Total Aktivitas 2.3	Rp30,400,000	USD2,049	10.61%
2.4	FASILITASI 2.4 - PEMANENAN AIR HUJAN			
2.4.1	Talang air hujan (gereja dan pastoran)	Rp36,065,000	USD2,430	12.59%
2.4.2	Filtrasi	Rp24,220,000	USD1,632	8.46%
2.4.3	Bak Ferocement	Rp68,680,000	USD4,628	23.98%
	Total Aktivitas 2.4	Rp128,965,000	USD8,690	45.03%
	Total Kegiatan 2	Rp159,365,000	USD10,739	55.64%
3	Monitoring	Rp10,480,000	USD706	3.66%
	Total Kegiatan 3	Rp10,480,000	USD706	3.66%
4	Evaluasi	Rp13,480,000	USD908	4.71%
	Total Kegiatan 4	Rp13,480,000	USD908	4.71%
5	Operasional Cost			
5.1	Travel Cost (monitoring dan evaluasi)	Rp16,600,000	USD1,119	5.80%
5.2	Akomodasi -- Operasional Tim	Rp72,900,000	USD4,912	25.45%
	Total Kegiatan 5	Rp89,500,000	USD6,031	31.25%
	TOTAL BUDGET PROJECT	Rp286,405,000	USD19,300	100.00%

Diajukan oleh Tanggal: 23 Juni 2023

Diperiksa oleh,

Disetujui oleh,

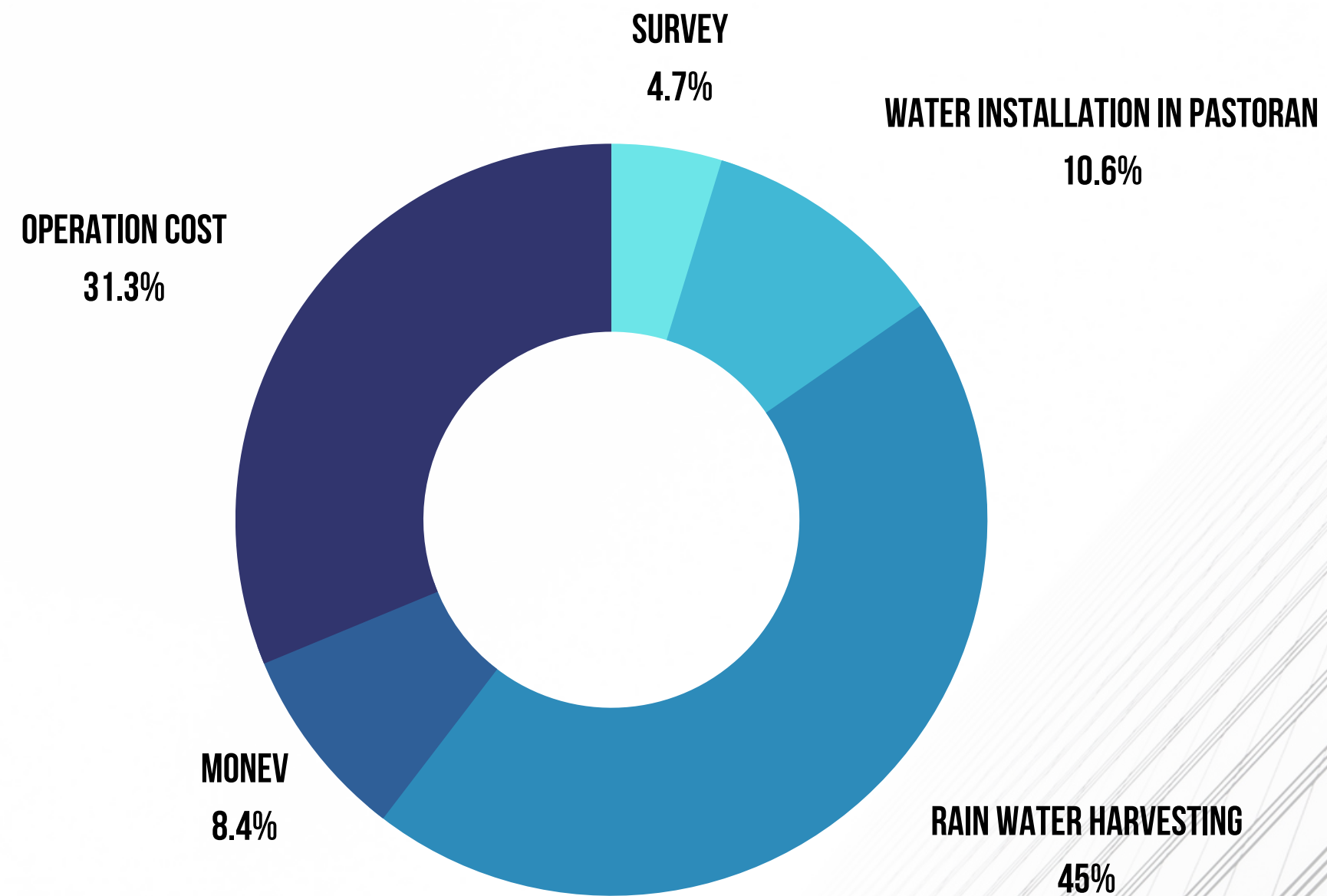

Primus Ledo


Ni Luh Putu Paramashanti


Ayu Setia Walubank

PROJECT DIAGRAM

Budget Analysis:



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**THANK
YOU**