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### United Nations Development Programme

### BACK TO OFFICE REPORT (BTOR)

**Submitted by:** Sergio Julane

**Title:** Monitoring and Evaluation specialist

**Approved by:**

**Title:**

**Date Submitted:** 16 November 2021

**MISSION:** Chibabava and Dondo District (Girome, Armando Guebuza Veruca, Heua, Muconja, Macarate, Chicuacha, Madombatomba and Chipinde, Primary School) Market (Tica and Mutua) and houses in constructions in Sofala Province from 3 to 6, November 2021.

#### TYPE OF MISSION:

- Inspection of the construction works of 6 schools in Chibabava District and 2 schools in Dondo District (works started in 2020, with delivery scheduled for March 2021);
- Inspection of 40 Conventional Houses in the District of Chibabava (works started in 2019).
  - ✓ Interact with local governments and beneficiaries to assess the degree of coordination, cooperation and satisfaction with resilient construction and rehabilitation activities.
  - ✓ Visit Market (Mutabira, Tica and Mutua).
  - ✓ Visit livelihood activities (beekeeping, agriculture and small businesses);
  - ✓ Collect up-to-date information and evidence on programme implementation through meetings and onsite visit.
  - ✓ Capture images and human-interest story per beneficiary of each house.
  - ✓ Prepare for future donor visits and handover ceremonies.
  - ✓ Conduct a site visit for Solar Panels for the 8 schools with the Supplier.
  - ✓ Find a solution for the conclusion of the construction of schools and houses.

#### TEAM MEMBERS

**UNDP team:** Domingos Sabão (Driver); Ghulam Sherani (HoSo), Sergio Julane (M&E Specialist, Fernando Mboa (Civil Eng.).

**Government team:** GREPOC, Provincial Public works, SDPI, SDEJT;

**Implementation Partners:** JD Sousa Construção, DORA Consultores, Logos Indústrias, Canol Construções, Young Africa, Adel Sofala e Logos Industries responsável pela montagem dos painéis solares.

#### BRIEF SUMMARY OF THE MAIN FINDINGS AND OBSERVATIONS

UNDP established the programme for a five-year multi-donor fund, to coordinate and implement short-to-long term recovery actions that address the root causes of vulnerabilities and build resilience to potential effects from future disasters. UNDP’s vision of the cyclone recovery programme in Mozambique is to put on development, governance, and resilience in center. The MRF programme aims to facilitate the transition from humanitarian response to Sustainable Development through tree pillars.

Among the 3 pillars, the priority interventions under Pillar 2 are:

- **Construction** of resilient markets, schools and houses in the resettlement sites and affected communities.
- **Rehabilitation** of houses of vulnerable families and public buildings (schools, hospitals, etc.).

- **Creation of standard guidelines of construction**, rehabilitation and retrofitting of houses, with construction of model houses; trainings local masons on the theme of safe and resilient construction techniques; development of resilient construction training packages for the engineers of public and private sectors.

The partner NGOs and construction company (Canol Construcoes, JDsouza Construcoes, Young Africa and Adel Sofala) have been implementing the activities related to construction schools, houses and markets. To monitor the results presented in the reports, assist to the NGOs, access the degree of progress, difficulties and interact with beneficiaries and local government. Taking into account the delay in the construction works of the schools and houses of Canol Construções and Young Africa respectively, find solutions for the completion of the works; from 3 to 6 November, the above members who made up the UNDP team, Implementation partner and Government monitored construction progress of schools and houses in Chibabava and Dondo district.

**The agenda followed:**

<b>Data</b>	<b>Time</b>	<b>Local</b>	<b>Activities</b>
03/11/2021 Wednesday	07:30H	Praca do Municipio	<b>Gathering all the participants</b>
03/11/2021 Wednesday	08:00H – 16:00H	Chibabava District– Courtesy Meeting	<b>08:00 H– 13:00H</b> Travel to Chibabava Headquarters <b>13:00H – 14:30H</b> – Administrator, SDPI, DPE, GREPOC and Public Works <b>14:30H -16:00H</b> - Travel from Chibabava to Muxungue Accommodation (Discuss the mission objective and current status of the project)
04/11/2021 Thursday	08:H	Chibabava– Houses and Schools	<b>08:00H -09:30H</b> -Travel from Muxungue to Heua <b>09:30H – 10:00H</b> - Supervision of school construction in Heua <b>10: 00H -10:30H</b> - Travel from Heua to Muconja <b>10:30H – 11:15H</b> Supervision of Houses and schools construction in Muconja <b>11:15 H – 11:45H</b> Travel from Muconja to Chicuacha <b>11: 45H – 12:30H</b> Supervision of Houses and schools construction in Chicuacha <b>12: 30H – 13:00H</b> Travel from Chicuacha to Madombatomba <b>13: 00H – 13:30H</b> Supervision of schools construction in Madombatomba <b>14:00H -16:00H</b> - Travel from Chibabava to Muxungue Accommodation
5/11/2021 Friday	8:00H – 16:00H	Chibabava– Houses and Schools	<b>08:00H -10:00H</b> -Travel from Muxungue to Girome <b>10:00H – 11:00H</b> - Supervision of schools and houses construction in Girome <b>10: 45H -11:45H</b> - Travel from Girome to Armando Guebuza School <b>12: 15H – 12:45H</b> Supervision of schools construction in Armando Guebuza School <b>12:45 H – 13:30H</b> Travel from Armando Guebuza School to Macarate <b>11: 45H – 12:30H</b> Supervision of Houses construction in Macarate <b>14:00H -16:00H</b> - Travel from Chibabava to Muxungue Accommodation
6/11/2021 Saturday	8:00H – 16:00H	Nhamatanda– Tica, Mutua e Chipinde, -Schools and Markets	<b>8:00H – 11:30H</b> Travel from Muxungue to Nhamatanda-Tica <b>11:30H - 12:00H</b> – Supervision of Tica Market <b>12:00H-12:45H</b> – Travel from Nhamatanda-Tica to Mutua <b>12:45H - 14:00H</b> – Supervision of Mutua School and Houses <b>14:00H - 14:20H</b> – Travel from Mutua to Chipinde <b>14:20H - 14:50H</b> – Supervision of Chipinde School <b>14:50 -16:00H</b> – Travel to Beira

**1. Summary of main achievements**

**Places Visited in district of Chibabava**

- **Muconja Resettlement Neighborhood,**
  - Muconja Complete Primary School (Canol Construções);
  - 8 Houses (Young Africa);
- **Heua community**
  - Complete Primary School of Heua (Canol Construções);
- **Chicuacha Resettlement Neighborhood;**

- Chicuacha Elementary School (JS Construcoes);
- 12 houses (Young Africa);
- **Madombatomba**
  - Primary School (JS Construcoes);
- **Girome Resettlement Neighborhood;**
  - Girome Complete Primary School (Canol Construções);
  - 8th house (Young Africa).
- **Macarate Resettlement Neighborhood;**
  - Complete Primary School Armando Emilio Guebuza;
  - 12th houses (Young Africa).
  - Mutabira Market
- **Nhamatanda and Dondo Neighborhood;**
  - Tica Market
  - Mutua Market
  - Mutua Primary school
  - Chipindi Primary school

## **2. GENERAL COMMENTS** (related to the objectives of the trip):

The UNDP team was accompanied by representatives of the contractor (Canol construcoes, JDSousa construcoes), Supervisor (Dora Consultores), GREPOC, Provincial Directorate of Public Works and Local government and Community.

### **Meeting with the district administrator team in Chibabava village**

The team left Beira City at 8:30am and arrived in Chibabava at 3pm. They went directly to the administrator's palace in order to meet with the administrator and his team. However given the administrator's agenda, the team only met with the directors of Infrastructure, the director of education and the chief of the administrator's office, in the presence of representatives of the works supervision company; of canol constructions, Logos Industries and Grepoc, in the meeting room of the district's headquarters.

The meeting was moderated by the head of the UNDP office (Ghulam Sherani), where after a brief presentation of those present, the director of Infrastructure took the floor, where he thanked the presence of all and stressed the importance of the meeting with all the representatives. He acknowledged that the infrastructures underway in the district will make a big difference, considering that in places where works are underway since colonial times there has been no school in masonry or with resilient construction equal to those being built, However, he showed his concern regarding the current stage and progress of the works of CANOL CONSTRUÇÕES in the district, especially regarding the deadline for conclusion and delivery, fearing the upcoming rainy season, which could paralyze the activities and consequently compromise the use of classrooms in the 2022 school year.

- Having underlined that the areas are difficult to access, and canol mobilises material slowly;
- The 10 classrooms in Jd Sousa are already ready and the wood industry wants to bring the school desks, but the district has nowhere to keep them;
- Correlation with Young Africa, the works continue very slow, and he said that in the beginning they didn't have a good articulation with the district, the way they mobilised the population until materials such as sand were bought in the city of Beira;
- He then stated that the inspection company would play a very important role in monitoring the works, and then gave the floor to the representative of the inspection company (Dora Consultants) to speak. This in turn in his explanation, was also unanimous in recognizing that in fact the Contractor (Canol Construções) has been a major concern since the situation of deadlines directly affects the Supervision. But also assured that in the midst of so many situations and events the Contractor requested and received an additional advance of funds, which somehow boosted the dynamics and evolution of the works. Currently the works

are having significant processes compared to past months, ensuring that if the Contractor did not fluctuate in its current income will be able to complete and deliver the works on the date he promised (December 10).

- GREPOC representative advised that as soon as the advance of funds was made, it would be good if 75% of the material was allocated to the works due to the upcoming rainy season; Accelerate the execution of the latrines, the roofing and the frame works; Improve staff management on site including payments.
- Engineer Fernando, representing UNDP, asked the supervision company if they were in a position to say with the advance payment made how much was applied in terms of material.
- He regretted the fact that the same people who make the purchases of materials are the same people who are on site. The absence of these people means that the works stop.
- He also informed that the desks for the schools will be completed by 25 November.
- The Logos team took the floor and explained the procedures they would use to assemble the panels, saying that they would start work the first week of December, and that the work would last a week. They stressed that the batteries are a dangerous element, and they wanted a safe place where water could not enter; the equipment would need to be looked after, and in this regard, they would collaborate with the district to train staff to maintain them.

#### **Inspection of the works of the Heua Primary School (Canol construcoes),**

On the 04/11/2021, from 10:00 a.m., a visit was made to lot 2, with the starting point being EPC HEUA, this school has 5 teachers, 184 students, 91 of whom are female students; at the moment 19 workers are working on the site; The works are at a significant level but there is a need to increase the manpower and some works could be carried out in parallel, there was a visit to the warehouse, list of works and remaining works as well as the ratio for the increase of manpower. We also checked where the materials would be located.

#### Remaining activities

- Painting
- Screed and Tile Laying
- Electricity (cable threading and application of other accessories)
- Roofing on block B and completion of clamping on block A
- Covering structure on the balconies of both blocks
- Toilets
- Framing (Fixing of doors and windows)

#### Labour to be added:

- 3-Builders/Latrinias
- 3-Tile layers
- 1-Painter
- 2-Carpenters
- 3-Markeepers
- 2-Electricians

The contractor assured that he has 80% of the painting material on site; in one week, the screed and tiling would be done, the fixing of the bushings, nets, windows and glasses between the 18th and 30th, and that he has 19 workers on site at present; the electricity material was scheduled to be allocated in the same period.

It was recommended that the contractor should make a survey of the current and missing activities; the type of existing and missing material.

#### **Inspection of the works of the Muconja Primary School (Canol construcoes),**

This school has 6 teachers, 103 students of which 67 are female students; at the moment 18 workers are working on site;

The works are at a significant level but there is a need for increased manpower and some works could be executed in parallel, a visit was made to the warehouse and listing of the works and remaining works as well as the ratio for the increase of manpower. The works are slightly differentiated with EPC Heua.

In terms of recommendations left there is no difference from Heua, the lack of cement was noted; material for doors and windows; here the contractor assured that a truck with 700 bags was on the way; between 18 and 20 November the doors from Mocuba would arrive.

#### Remaining activities

- Painting
- Screed and tile application
- Edges and pillars of balconies
- Electricity (Routing of cables and application of other accessories)
- Covering of balconies in both blocks
- Covering structure on the balconies of both blocks
- Latrines
- Framing (Fixing doors and windows)

#### Labour to be added:

- 2-Builders/Latrines
- 3-Builders/Pillars of balconies and edges
- 3-Tile layers
- 1-Painter
- 2-Carpenters
- 3-Markeepers
- 2-Electricians
- 2-Solsterers

#### **Inspection of the works of the Chicuacha Primary School (JD SOUSA),**

Then, starting at 2pm, a visit was made to EPC CHICUACHA. This school has 7 teachers, 245 students of which 115 pupils; served around the communities of Chiwawai, Nidindiri and Massacasse. The works in this school are concluded, lacking the beginning of the additional works, it was recommended to the Contractor (JD SOUSA), to initiate with the additional activities or even to start with the processes of mobilization of the material mainly of the ramps, with fear of the impassability of the accesses in case of significant precipitation, however the Contractor guarantees that next Monday (08/11/2021) it will start the process, and in parallel it will continue the execution of the network frames and handrails. Class simulations were carried out, as well as interviews with students and teachers, water tank tests, etc.

#### **Inspection of the works of the Madombatomba Primary School (JD SOUSA),**

Next a visit was made to the EPC MADOMBATOMBA starting at 15h00. This school has 6 teachers, 206 students of which 96 students; served around the communities of Chicuacha, Madombatomba and Girome. The works are concluded, lacking the beginning of the additional works, it was recommended to the Contractor (JD SOUSA), the necessity to initiate with the additional activities or even to start with processes of mobilization of the material mainly of the ramps, with fear of the impassability of the accesses in case of significant precipitation, however the Contractor gave the same guarantees given in the EPC of CHICUACHA. In-depth inspections have been carried out on the work already completed, with particular emphasis on the latrines, and some findings have been recorded.

### **Inspection of the works of the Girome Primary School (Canol Construcoes),**

On the day 05/11/2021, with beginning at 11h, was made the visit in lot3, having as starting point the EPC of GIROME. This school has 4 teachers, 242 pupils of which 129 female pupils; at the moment 19 workers are working on the site; the works are at a worrying level with the need to increase the manpower urgently, and some works should be executed in parallel as soon as possible, a visit was made to the warehouse and list of the remaining works as well as the ratio for the increase of the manpower.

The UNDP head of office expressed his satisfaction to see the works with a very significant progress in the last four months compared to a period of approximately 12 months when the Contractor was on site. The latrines are in the accelerated process (covering)

It should be noted that the framework was on site and had not yet been applied. Until the date of the visit there was a very low stock of cement for the volume of existing work, however the Contractor guaranteed that he was sending a truck with 700 bags to distribute in the works with priority for the works of Girome that could receive an average of 300 bags on the date of the registered priorities.

#### Remaining activities

- Painting
- Screed and tile application
- Balcony edges and pillars
- Electricity (Routing of cables and application of other accessories)
- Completion of roof structure on both blocks
- Roofing on both blocks
- Roofing on the balconies of the two blocks
- Roof structure on the balconies of the two blocks
- concreting the balcony pillars
- Plastering
- Framing (application of door and window frames and fixing of doors and windows)
- Walkways and water tank bases

#### Labour to be added:

- 4-Builders/Pillars
- 3-Tile layers
- 4-Painters
- 3-Carpenters
- 3-Marketmakers
- 2-Electricians
- 2-Solsterers

### **Inspection of the works of the Veruca Primary School (Canol Construcoes),**

Next a visit was made to EPC VERUCA/ ARMANDO EMILIO GUEBUZA at 15h. This school has 6 teachers, 315 pupils of which 127 are female pupils; it is surrounded by the communities of Gonda banca, Xinjacamo and Macarate. At the moment 19 workers were working on the site; the work is at a worrying level, 50% lower compared to the others, with the need to increase the workforce urgently, and some works must be executed in parallel as soon as possible, a visit was made to the warehouse and listing of the remaining works as well as the ratio for the increase of the workforce.

It was recommended that the canol to submit until Wednesday the letter of commitment to increase the material and manpower, as well as the date of completion of the works.

It was also recommended that each lot has a site engineer.

#### Remaining activities

- Painting
- Screed and tile application
- Balcony edges and pillars
- Electricity (Routing of cables and application of other accessories)
- Completion of roof structure on both blocks
- Roofing on both blocks
- Roofing on the balconies of the two blocks
- Roof structure on the balconies of the two blocks
- concreting the balcony pillars
- Plastering
- Framing (application of door and window frames and fixing of doors and windows)
- Footings and bases of water tanks
- Latrines

#### Labor to be added:

- 6-Builders/Pillars
- 4-Tile layers
- 4-Painters
- 3-Carpenters
- 3-Marketmakers
- 2-Electricians
- 2-Solsterers

At 4 pm, we made a balance of the entire visit to the works of Chibabava; where everyone expressed their concern about the issue of deadlines and delay of the works, asking the CANOL to be faster and implement an action plan and supply of materials considering the situation of the coming rains. Canol was instructed to allocate technical staff to each work as a way of better managing each work.

CANOL in turn committed to deliver the works by 10 December of the current year and reiterated that it would send a letter of commitment to solidify its commitment. Regarding the provision of material and labour, CANOL guarantees that by Wednesday (11/11/2021) the plans (material and labour) will be in a conclusive phase, although it should be noted that this will be done progressively, following the conclusion of one activity and the start of the next, and that the window frames will be allocated as from 18/11/2021.

It was also agreed that a joint meeting would be held every Thursday for detailed monitoring, where the activities under way at each site, the type of material allocated and missing, and the permanent monitoring of the workers allocated, could be discussed.

#### **The construction of 8 houses in Muconja, 12 houses in Chicuacha, 8 Houses in Girome and 12 Houses in Macarate (Young Africa) inspected**

##### Findings:

- Delay in material mobilization after receiving advance payment
- Absence from the site, poor organization and poor cleaning of the work site;
- Latrines were not built for all houses.
- Now they are finish tank and connect Calera; but still miss the covers of the tanks.

More work to do; Was recommended that the works must finish in 2 weeks; need to work in all the 40 houses in same time.

Revise and Discuss the beneficiaries of the Houses selection process.

**Inspection of the works of the Mutua and Tica Market (Adel Sofala),**

On November 6, from 12:30pm, the construction sites of the Tica and Mutua markets were visited.

Where. Painting activities: Septic tank, Toilets and 50m<sup>3</sup> Cistern were checked.

**Results:****In Tica**

Application of primer on exterior and interior walls in the two blocks of the market was 100% completed;

Application of primer on exterior walls, in the two semi-elevated tanks, executed at 100%;

Application of plaster, with cement and sand mortar, on interior walls, executed at 100%.

Application of plaster, with cement and sand mortar, on exterior and interior walls, executed at 60%.

In Mutua:

Verified the application of primer paint, in exterior and interior walls of the market, executed at 100%;

Application of primer paint, in exterior and interior walls of the toilet, executed at 100%;

Application of primer paint, on exterior walls of the semi elevated tank, executed at 80%;

Application of primer paint, in exterior and interior walls of the electric pole, executed at 100%;

Application of white PVA paint, in interior walls of the market, done at 100%;

Application of grey enamel paint, in interior walls of the market, 40% done

Placement of solid masonry, in exterior walls, 100% done

Application of reinforced concrete, on beam of upper base slab, executed at 100%;

**Recommendations:**

Recommended to the supervision (Dora Consultores) / Executor (ADEL) to jointly elaborate: An activity plan for completion of the Tica, Mutua and Guara-Guara works stating:

Activity to be executed;

1) Period of execution;

2) Materials to be used;

3) Labour to be used.

- Preparation of a water supply scheme for Mutua and one for Tica;

**Delivery deadlines:**

a) Work for Mutua, 10/11/2021;

b) Work for Tica, no more than 15 days;

c) Work for Guara-Guara, no more than 30 days

**Inspection of the works of the Mutua and Chipindi Primary School (Canol Construcoes):**

Also, on 06/11/2021, from 15:00, was made the visit in lot 4, with the starting point at EPC MUTUA, the contractual works have already been executed and the additional works in progress according to the Contractor finish them within the schedule previously sent, were made some compliments to the Contractor for the quality of buildings.



Afterwards a visit was made to EPC CHIPINDE. The works are completed. In-depth inspections were carried out on the works already completed, with highlights being the guttering and some findings. The highlight was the situation of the old school where the classrooms, latrines and administrative block, present a very marked state of degradation and obviously need rehabilitation (improvement of structures from the roof, paintings and other) UNDP assured that it would work with the responsible entities for the possibility of including the school in the process of improvement in the 2022 plan.

The 4 day visit ended at 17hrs on 06/11/2021.

### 3. FOLLOW-UP ACTIONS:

- It was agreed that the schools in progress should be completed by 10 December.
- Be careful during the rainy season, allocate all heavy material
- Canol send a letter of commitment with the agreed recommendations and deadline for the completion of the works.
- Dora must share the plan of all the construction works in terms of status of ongoing and missing activities; allocated and missing material and allocated and missing work labor; and every week must update the status.
- Solar panel team will start the installation on first week of December
- Young Africa must finish the works in 2weeks; work in parallel in the 40 houses
- Discuss with young Africa Beneficiaries of houses selection process.

### 5. PHOTOGRAPHIC REPORT



Fig.1 EPC Heua – Canol Construcoes

Fig.2 Heua, Actually primary school



**Fig.3 Block of Classroom in Muconja Primary School -Canol construcoes**



**Fig.4 The construction of Houses and latrine of Young Africa in Muconja**



**Fig.5 Block of Classroom in Chicuacha Primary School -JD Sousa construcoes**



**Fig.6 Young Africa houses in Chicuacha in progress interior wall finishing**



**Fig.7 The construction progress in Madombatomba school**



**Fig.8 The 2 Block of Madombatomba Primary school**



**Fig.9 The construction progress in Girome**

**Fig.10 The Toilets in Girome**