

CLOSE OUT REPORT

Phase 1

Infrastructural Improvements to ECD Centres in Msinga and Nquthu

KwaZulu-Natal

Submitted To:

ASSUPOL COMMUNITY TRUST



Submitted by:

LIMA RURAL DEVELOPMENT FOUNDATION



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1. Introduction

Lima was appointed by Assupol Community Trust in July 2017 as an implementing agent responsible for the development and implementation of appropriate infrastructural solutions for 20 ECD centres in Msinga Local Municipality and 20 ECD centres in Nquthu Local Municipality. This process involved developing a range of suitable products, undertaking infrastructural assessments of the sites, infrastructure implementation and quality control, and finally project commissioning. Through this process, Lima also provided assistance with some of the project coordination and logistics.

This document will address these various components in the subsequent sections, as well as providing a financial summary on the project.

2. Product Development

The main objective of Assupol Community Trust in undertaking this infrastructural initiative was to demonstrate how maximum impact could be achieved by providing appropriate cost effective solutions to the ECD sector. The first step in the process of Lima's appointment was to develop a range of suitable infrastructural options. These options were clustered into 4 sections:

- New Builds: Including classroom, office, kitchen and storage space
- Sanitation Facility: Including suitable toilet and wash-hand facilities
- Health and Safety: Fencing, First Aid and Fire Equipment
- Play Equipment: Outdoor Play Equipment

Lima designed a range of New Build facilities from 1 classroom up to 4 classroom units. Both the National Building Regulations as well as the Department of Social Developments ECD infrastructure guidelines were considered. The DSD documents stipulate the classroom space requirements per child, and the requirements in terms of office, kitchen sickbay and storage. The aim of this design was that it needed to be appropriate for a range of local conditions, as well as being a cost effective solution with low lifespan costs. Lima proposed a modular steel portal design. Although this may be seen as excessive, the building element with the greatest failure rate in this region was the roofs as a result of wind damage. The modular design of the building would also accommodate future expansion opportunities. Lima also proposed a moveable partition system between the classrooms. This would allow for better functionality of the space, as it could be converted into a "hall" if required. A Clere-Storey sidewall cladding was used in the new builds to promote natural lighting.



Figure 1: Internal partitioning in progress

Completed ECD centre

These designs were presented to a range of stakeholders for their input and contribution. Project Preparation Trust (PPT) was also consulted through the process for their input.

The sanitation facility that was developed for the project was a pour –flush toilet facility, with a tippee-tap hand wash option. These have a low water requirement. The pour-flush toilet uses only 1-2 litres per flush relative to a conventional toilet which uses roughly 20 litres per flush. Lima had previously worked on a WASH programme funded by Oxfam. This process involved the input from a range of sectoral NGO's and stakeholders. The toilet developed on this 20/20 project was an adaption of this design.

The health and safety components included fencing, a fenced waste pit, fire equipment and signage, as well as first aid and signage. These were designed with consideration to DSD's requirements.

Lima had done a number of jungle gyms previously on the CWP programme. Lima considered age appropriate designs when developing the jungle gyms on the project. Shade options to the play area were also considered.

3. Site Assessment of ECD centres

The site assessment for the 20 ECD centres in Msinga were undertaken by PPT, with the pricing being determined through standard milestone assessment rates. PPT has conducted over 100 assessments on educational facilities to date, for a range of stakeholders, including Ethekewini Metro. Through these assessments, PPT have identified a number of recurring activities which are required for the infrastructure to achieve compliance. A schedule of rates has been determined for these activities. Lima, and other implementing agents such as the Network Action Group (NAG), have committed to, and adopted this process (Note: This schedule of rates has also been presented to the Department of Social Development (DSD) for their approval and adoption. DSD have also presented this to the Department of Human Settlements for inclusion in their housing code).

Lima undertook the assessment for the 20 ECD centres in Nquthu using the same schedule of rates proposed by PPT in Msinga. One of the major design considerations was the number of children to design the centre on to provide maximum impact for the available money. Generally, there was a large variation between the attendance figures and the registration numbers at the crèche. These figures were presented to the PSC for their contribution, and a design number for each centre was determined. This number was generally closer to the attendance figure, which was usually significantly lower than the registration numbers.

Lima considered the life-cycle costs when compiling this assessment. For example, to fix a particular centre may have been slightly cheaper than building a new centre. However, when considering the serviceable life extension of the building, the new building may have had a cheaper life-cycle cost.

Generally, the centres in Nquthu were in a worse condition prior to the intervention than the Msinga centres. This resulted in more new builds being required in Nquthu than in Msinga. In addition, the centres in Nquthu typically had higher attendance figures than the Msinga centres.

The major lesson learnt in this process is the need to carefully consider the number of children to accommodate in the design. A point was raised by Ilifa Labantwana in one of the PSC meetings that the access to suitable ECD centres and the size of the village also need to be considered when determining the design number. It is noted that a large number of the centres have seen a significant increase in attendance as a result Assupol's intervention. This is mainly due to the access to nutrition, the play equipment and improved facilities. For future interventions, this needs to be carefully considered, which may warrant larger centres being installed. Note: Larger centres generally have a lower cost per child as the cost of the office, kitchen, fencing, storage space etc becomes proportionally smaller.

4. Implementation of Infrastructural Improvements and Quality Control

The construction and repair work on the project was done by Local Artisan Teams supervised by Lima's site management teams. These teams were trade specific and undertook a number of the same milestones, e.g. fencing and jungle gyms. These teams were identified through the local community structures and the crèche representatives. In addition to this, local service providers were utilised, including plant hire (TLB's), transport providers and aggregate suppliers. Local material suppliers were used where possible. The spread of the centres was greater than anticipated and the skill levels of the local artisan teams was lower than anticipated. This meant that the Lima supervision team could supervise fewer artisan teams to ensure that the quality standards were achieved, which resulted in the project duration increasing. When working on a remote centre such as Mzzamo, it was impossible for a foreman to supervise work on this site and another centre simultaneously.

4.1 New Build Construction

There were significantly more new build facilities required in Nquthu with 12 units, as opposed to the 5 units required in Msinga (excl. Sinozwelo). This was due to the existing infrastructure being in a better condition in Msinga than in Nquthu. Figure 2 below shows Vukuzakhe's (Msinga) old structure with a number of structural defects and the new structure thereafter.



Figure 2: Vukuzakhe before



Vukuzakhe after

Figure 3 below shows the 3 classroom extension at Qhapelani (Nquthu). The existing small multi-purpose space was converted into an office and kitchen, and 3 new classrooms were provided.



Figure 3: Qhapelani complex



3 new classrooms at Qhapelani

The major lesson learnt was the request from the EHP to plaster and paint the building. This was not part of the original scope, and Lima ended up plastering and painting the kitchen. However, in future work that Lima does, the facilities will be plastered and painted. The original plan was not to plaster and paint the units to reduce ongoing maintenance costs for the centre. However, by rendering the building, there will likely be a reduction in the amount of dust in the facility.

4.2 Repairs to existing facilities

Repairs to existing facilities ranged from minor repairs, through to extensions, as well as major repairs. Minor repairs, included floor screeds, window repairs, new doors and locksets, roof fixing kits amongst other items. The full list of work done on each centre is included in APPENDIX A. From this list, it is possible to see that the centres in Nquthu required more work than the centres in Msinga. Figure 4 below is an example of some of the repair work, with metal stitching of a crack at Sibusisiwe Crèche.



Figure 4: Structural crack at Sibusisiwe prior to repair after repair

Extensions are also a major component of the project. Where the number of children exceeds the teaching space, additional classrooms have been provided. In some of the centres, the facility does not have a separate kitchen and office. In these instances, a separate kitchen and office have been provided. (Note: Although plastering and painting the building was not part of the original scope, Lima has rendered a few of the extensions. This was done as a long term assessment to see how the rendered building compares to the unplastered building).



Figure 5: Additional classroom at Sibusisiwe Additional office and kitchen at Thandanani

Sinozwelo is an example of a major repair. This centre had approximately 100 children, with limited space. It was decided that some of the existing building would be retained and incorporated in the new facility. This proved to be problematic and costly as the foundations of the existing building were virtually non-existent and needed to be underpinned. It would have been cheaper to completely demolish this building and build a new structure. However, an effective solution to space limitations was obtained, and the space is able to be used as both internal and external space.



Figure 6: Sinozwelo prior to construction

Sinozwelo during Construction



Figure 7: Sinozwelo approaching completion

4.3 Sanitation Facilities

On the new toilet facilities, Lima made use of a pour-flush toilet option, which, as previously mentioned, only used 1-2 litres of water per flush. This was extremely well received by the crèche's. For a pit toilet to be effective, it has to be dark to limit flies. Young children normally find this to be a rather intimidating environment, and it was observed in a large number of the centres that the children chose to go outside rather than use a pit toilet. This arrangement has been turned around with the introduction of the pour flush system, and the centres have confirmed that the children are now choosing to use the toilets.

Lima has also tried a few hand-wash options, with some of the options being more durable than others. The 110mm waste-pipe option is the most durable. Lima will continue to look at options for the taps. Lima also used 2 options for the sanitation facility, a smaller 3 stall unit for the smaller centres, and a larger 4 stall unit with urinal for the larger centres.



Figure 8: 3 stall unit at Esibusisweni

4 stall unit with urinal at Nqgongeni

4.4 Play Equipment

Lima has tested a number of jungle gym options on the project to assess which option is the most suitable. These options considered age appropriate designs.



Figure 9: Some of the jungle gym and play options tested on the project

There are a number of lessons learnt during this process. The first is that although the play equipment is designed for children of ages 2-6 years that this tended to be the only play equipment available in the community and was used by older children, youth and adults. Long term durability with this in mind needs to be considered. It is noted that swings have been provided by a number of service providers in the region, and the majority of these swings have been damaged, no matter what materials have been used (heavy duty ropes or chains). Accommodating children with disabilities also needs to be considered. Appropriate shade options also need to be considered in future developments, with the extreme weather conditions which are prevalent in the region being taken into account.

4.5 Health and Safety

Health and safety infrastructure and equipment included fencing, a fenced waste pit, fire extinguisher and signage, as well as first aid signage.



Figure 10: Fire extinguisher and signage

Fence installation

There were a few items that weren't adequately considered in the initial assessment. The first is that the fence length was catered for just the play area and not the entire property, as the DSD norms require a fenced play area. However, this was strongly resisted by all the crèche practitioners, and the entire yards was eventually fenced. The second item which was not initially considered was the fenced waste pit. This was identified during the project by the EHP's, and included in the scope.

4.6 Statutory Registration

All 40 centres have obtained an EHP compliance certificate. 39 of the 40 centres are fully registered, with the exception of Siyamukela. This falls under the DSD office in Babanango, who is assisting with getting this centre registered. 35 of the centres are currently receiving funding. The remaining 5 centres are Nsukangihlale, Ngqongeni, Dumabemsola and Mzamo from Msinga, and Siyamukela from Nquthu. These centres were supposed to receive funding in April 2019, but this has been delayed.

4.7 Project Coordination

The introduction of Fundiswa Molefe into the Assupol Community Trust Team has had a positive impact on the project. This function includes client liaison, social facilitation with the centres, and project coordination. However, there was a time when Assupol Community Trust did not have a facilitator to undertake this function. Lima assisted in this process where possible, and coordinated engagements with the EHP's, assisted with the arrangements and logistics of PSC meeting, and engaged with centre and community structures where required. It is believed that these engagements, although not part of Lima's scope, have contributed to the success of the project. Since Fundiswa Molefe has joined the team, this aspect of the project has continued to develop, and the positive interventions such as the food gardens and improved communications are noted and appreciated.

Other stakeholders have also played a significant role in the project, and the contribution of Ilifa Labantwana and PPT is acknowledged. Ilifa Labantwana has assisted Lima, particularly with attending to social aspects of the project. PPT provided valuable guidance to Lima throughout the project, and Lima has sought PPT's accountability when making technical decisions on the project.

The role of the various Governmental and Community Representative stakeholders is also acknowledged. The EHP's were extremely responsive to inspection requests and have made a vital contribution in the development of the design solutions. DSD have also been quick to get centres registered, and the provision of grants to the centres is appreciated.

5. Financial Summary

Table 1 below is a budget summary for the project. In Msinga, there were two variation orders, VO1 and VO2, on the original budget. The first variation order was based on the structural engineer's assessment that the existing facilities at Othandweni and Nsukangihlale Crèche's needed to be replaced. This was not catered for in PPT's initial assessment and Lima's quotation. The second variation order was for the additional classroom at Sibusisiwe and the enclosing of the outdoor space at Sinozwelo with blinds and sidewall cladding. The total Msinga budget was therefore R4 693 400 (excl. VAT) and the Nquthu budget was R8 574 669 (excl. VAT). The project total is therefore R13 268 069 (excl. VAT). Of this value, R6 876 976.50 was claimed at 14% VAT. The VAT portion of this was R962 776.71. The remainder of the budget was claimed at 15% VAT. The Vat portion of this was R958 663.88. The Total Budget including Vat is therefore **R 15 189 510**.

Table 1. Budget Summary

Description	Amount
Msinga Original Budget (excl. VAT)	R 3 835 000
Msinga VO1 (excl. VAT)	R 668 000
Msinga VO2 (excl. VAT)	R 190 400
Msinga Sub-total (excl. VAT)	R 4 693 400
Nquthu Original Budget (excl. VAT)	R 8 574 669
Nquthu Sub-total (excl. VAT)	R 8 574 669
Project Sub-total (excl. VAT)	R 13 268 069
Portion of VAT claimed at 14%	R 962 776.71
Portion of VAT claimed at 15%	R 958 663.88
Project Total (incl. VAT)	R 15 189 510

Table 2 provides an invoice summary on the project to date. The initial drawdown of R1 961 000 was offset between INA10013, 10052, and 10053. Invoices 10052 and 10053 was not sent to Assupol as these had zero value. The drawdown amount has been fully offset, as the claim value matches the payments received. The total claim value is R14 912 561.34, which matches the payments received.

Table 2 Invoice Summary

Invoice Summary Incl. VAT			
Inv. No.	Claim Value	Drawdown Recon	Payment Recon
Drawdown		R 1 961 000.00	R 1 961 000.00
IN102388	R 651 782.26		R 651 782.26
IN102412	R 810 433.17		R 810 433.17
IN102471	R 782 757.70		R 782 757.70
IN102565	R 366 567.45		R 366 567.45
IN102653	R 644 339.01		R 644 339.01
IN102744	R 1 406 858.45		R 1 406 858.45
IN102818	R 1 216 015.03		R 1 216 015.03
IN102906	R 1 431 258.15		R 1 431 258.15
IN102961	R 1 343 552.93		R 1 343 552.93
INA30006	R 1 615 303.35		R 1 615 303.35
INA10005	R 1 709 491.71		R 1 709 491.71
INA10013	R 1 174 307.08	-R 420 064.93	R 754 242.15
INA10052	R 885 751.19	-R 885 751.19	R -
INA10053	R 655 183.88	-R 655 183.88	R -
INA20008	R 167 900.00		R 167 900.00
INA20012	R 51 060.00		R 51 060.00
Total (incl. VAT)	R 14 912 561.34	R 0	R 14 912 561.34

Table 3 provides a summary of the expenses incurred by Lima on the project. Lima can provided the detailed ledgers for these expenses if required.

Table 3. Summary of Lima's expenses on the project

Item	Description	Amount (excl. VAT)	Amount (incl. VAT)
Lima Costs	Lima supervision, transport, lima artisans etc	R 3 944 350.23	R 4 517 711.10
External Expenses	Materials, external artisan teams, labour, tools	R 9 914 045.14	R 11 364 710.18
Total		R 13 858 395.37	R 15 882 421.28

5.1 Key Financial Findings

Lima has spent R 15 882 421.28 (incl. VAT) on the project till end June 2018. The project budget is R15 189 510.00 (I VAT). The invoice total to date is R14 912 561.34 (incl. VAT).

- There is still R276 948.66 (incl. VAT) in the budget available to claim. This is the retention amount which is currently in the process of being submitted
- Lima has spent R692 911.28 over budget. This can be roughly broken down as follows:
 - R200 000 in assessment costs for Phase 2.
 - R200 000 as a residual tool, plant, storage value to be offset against Phase 2/another project
 - R292 911.28 as Lima losses for materials which were piloted and replaced on the project (e.g. roof sheets at Ngqongeni and Vukuzakhe) which couldn't be catered for under the contingency. Part of the losses were also due to the distances between the centres which were higher than initially anticipated and resulted in increased transport and supervision costs.

6. References

The photographs in Figures 1a, 3 and 10 are provided by Ilifa Labantwana.

APPENDIX A

The below tables provides a list for the majority of the activities which were undertaken as part of the project

Msinga Local Municipality

Ngqongeni Crèche

Item	Description	Units	QTY
1	New 2-classroom unit with moveable partition	sum	1
2	1.8m high weldmesh fence	m	90
3	Toilet and Hand-wash Facility	sum	1
4	Large Jungle Gym	sum	1
5	Erosion Control	sum	1
6	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1
7	Fire extinguisher and signage	sum	1
8	Fenced Waste Pit	sum	1

Vukuzakhe Crèche

Item	Description	Units	QTY
1	New 2-classroom unit with moveable partition	sum	1
2	Toilet and Hand-wash Facility	sum	1
3	Large Jungle Gym	sum	1
4	Remove existing structure	sum	1
6	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1
7	Fire extinguisher and signage	sum	1
8	Fenced Waste Pit	sum	1

Esibusisweni Crèche

Item	Description	Units	QTY
1	toilet and hand-wash facility	sum	1
2	1.8m high weldmesh fence	m	160
3	Gutter kit	sum	1
4	screed	sum	40
5	Large Jungle Gym	sum	1
6	ceiling replacement (veranda)	sum	1
7	Doors	sum	1
8	Paint doors	sum	2
9	Beam-filling	sum	1
10	Locksets	sum	1
11	Window panes	sum	2
12	Fenced Waste Pit	sum	1
13	Fire extinguisher and signage	sum	1

Sibusisiwe Creche

Item	Description	Units	QTY
1	toilet and hand-wash facility	sum	1
2	Large Jungle Gym	sum	1
3	Metal Stitching and plaster repair	sum	1
4	Fill open toilet pit	sum	1
5	window sliders	sum	5
6	window handle	sum	2
7	Fenced Waste Pit	sum	1
8	Fire extinguisher and signage	sum	1
9	Additional Classroom	sum	1

Thembaletu Crèche

Item	Description	Units	QTY
1	Install wash-hand basin	item	1
2	roof repair kit	item	1
3	Toilet Roof replacement	item	1
4	Window panes	item	5
5	tank tap	item	1
6	Toilet doors	item	2
7	Replace external Locksets	item	5
8	Large Jungle Gym	sum	1
9	Fire extinguisher and signage	sum	1
10	Fenced Waste Pit	sum	1

Mashunka Crèche

Item	Description	Units	QTY
1	Compete Gutter system	sum	1
2	Roof fixing kit	sum	1
3	Replace external Locksets	item	8
4	Replace internal door	item	1
5	Repair External Door	item	1
6	Replace tank taps	item	4
7	Barrel bolt	item	2
8	Window panes	item	7
9	Metal Stitching and plaster repair	item	1
10	playing area blockwork	item	1
11	Fire extinguisher and signage	sum	1
12	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Othandweni Crèche

Item	Description	Units	QTY
1	New 2-classroom unit with moveable partition	sum	1
2	Demolish Existing Structure	sum	1
3	Small Jungle Gym	sum	1
4	Fencing	m	20
5	swingset	sum	1
6	Fenced Waste Pit	sum	1
7	Fire extinguisher and signage	sum	1
8	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Zamokuhle Crèche

Item	Description	Units	QTY
1	Replace Tank Taps	item	2
2	Roof Fixing Kit	sum	1
3	Windows	sum	7
4	Gutter repair	sum	1
5	Large Jungle Gym	sum	1
6	Replace Locksets	item	8
7	5000L tank	sum	1
8	Fenced Waste Pit	sum	1
9	Fire extinguisher and signage	sum	1

Hollywood Crèche

Item	Description	Units	QTY
1	New 1-classroom unit (with gutters and tank)	sum	1
2	1.8m high weldmesh fence	m	105
3	Small Jungle Gym	sum	1
4	Toilet and Hand wash Facility	sum	1
5	swingset	sum	1
6	Fenced Waste Pit	sum	1
7	Fire extinguisher and signage	sum	1
8	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Zamokuphila Crèche

Item	Description	Units	QTY
1	Fix VIP	sum	1
2	5000L tank	sum	1
3	Tank taps	sum	2
4	Gutter kits	sum	1
5	Roof Repair	sum	1
6	Windows Panes	sum	3
7	External Door	sum	6
8	Locksets	sum	4
9	screed	sum	40
10	window handles	sum	2
11	windows sliders	sum	4
12	Concrete veranda floor	sum	1
13	Wall Metal stitching	sum	1
14	Fenced Waste Pit	sum	1
15	Fire extinguisher and signage	sum	1

Mzzamo Crèche

Item	Description	Units	QTY
1	Toilet and hand wash facility	sum	1
2	tank tap	sum	1
3	gutter repairs	sum	1
4	window pane	sum	3
5	lockset	sum	2
6	beam filling	sum	1
7	small jungle gym	sum	1
8	Door and awning	sum	1
9	Roof repair	sum	1
10	Paint doors	sum	2
11	Fenced Waste Pit	sum	1
12	Fire extinguisher and signage	sum	1

Khayaletu Crèche

Item	Description	Units	QTY
1	1.8m high weldmesh fence	m	165
2	gutter kit	sum	1
3	Window panes	sum	8
4	Replace external Locksets	sum	5
5	5000L tank	sum	1
6	Large Jungle Gym	sum	1
7	Fenced Waste Pit	sum	1
8	Fire extinguisher and signage	sum	1

Phowane Crèche

Item	Description	Units	QTY
1	toilet and hand wash facility	sum	1
2	tank tap	sum	2
3	tank stand	sum	1
4	Window panes	sum	8
5	gutter fitting	sum	1
6	locksets	sum	6
7	Fenced Waste Pit	sum	1
8	Fire extinguisher and signage	sum	1

Dumabemsola Crèche

Item	Description	Units	QTY
1	1.8m high weldmesh fence	m	30
2	VIP roof repairs	sum	1
3	screed	sum	60
4	step repair	sum	1
5	tank stand repair	sum	1
6	Large Jungle Gym	sum	1
7	Window panes	sum	3
8	internal door repair	sum	1
9	External Door	sum	1
10	Replace external Locksets	sum	5
11	Metal Stitching	sum	1
12	Fenced Waste Pit	sum	1
13	Fire extinguisher and signage	sum	1

Nsukangihlale Crèche

Item	Description	Units	QTY
1	New 2-classroom unit with moveable partition	sum	1
2	Large Jungle Gym	sum	1
3	Toilet and Hand wash Facility	sum	1
4	Fenced Waste Pit	sum	1
5	Fire extinguisher and signage	sum	1
6	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Mzamo Crèche

Item	Description	Units	QTY
1	Large Jungle Gym	sum	1
2	Window panes	sum	3
3	Locksets	sum	2
4	window stays	sum	3
5	5000L tank	sum	1
6	downpipes	sum	1
7	Install Existing Gate	sum	1
8	Repair veranda pillar	sum	1
9	Toilet and Hand wash Facility (2 unit)	sum	1
10	Fire extinguisher and signage	sum	1
11	Fenced Waste Pit	sum	1

Sinozwelo Crèche

Item	Description	Units	QTY
1	135m2 steel portal covering, with kitchen and toilet facility	sum	1
2	Remove existing walls, underpin foundations, and reconstruct walls	sum	1
3	Remove existing roof structure and build walls to underside of steel portal	sum	1
4	Fire extinguisher and signage	sum	1
5	Fenced Waste Pit	sum	1
6	Enclose Outdoor area with drop-side blinds and clere-storey sidewall cladding	sum	1
7	Install Doors	sum	2

Sakhisiswe Crèche

Item	Description	Units	QTY
1	1.8m high weldmesh fence	m	150
2	tank tap	sum	2
3	gutter kit	sum	1
4	Window panes	sum	30
5	Replace external Locksets	sum	4
6	Small Jungle Gym	sum	1
7	External Door	sum	1
8	Internal door	sum	1
9	Paint doors	sum	2
10	5000L tank	sum	1
11	Tanks stand repair	sum	1
12	Fire extinguisher and signage	sum	1
13	Fenced Waste Pit	sum	1

Qhalakahle Crèche

Item	Description	Units	QTY
1	1.8m high weldmesh fence	m	150
2	Toilet and Hand wash Facility	sum	1
3	Large Jungle Gym	sum	1
4	5000L tank and downpipe	sum	1
5	Repair gutter	sum	1
6	Window Panes	sum	2
7	Stairs Repair	sum	1
8	Window Stay	sum	1
9	pipe repair	sum	1
10	lockset	sum	2
11	Construct Step	sum	1
12	Fire extinguisher and signage	sum	1
13	Fenced Waste Pit	sum	1

Siyadumisa Crèche

Item	Description	Units	QTY
1	Toilet and Hand wash Facility	sum	1
2	1.8m high weldmesh fence	m	240
3	5000L tank	sum	1
4	Repair gutter	sum	1
5	Replace internal door lockset	sum	2
6	Window stay	sum	1
7	Floor Screed	sum	3
8	locksets	sum	2
9	Fire extinguisher and signage	sum	1
10	Fenced Waste Pit	sum	1

Nquthu Local Municipality

Sibonelelo Crèche

Item	Description	Units	QTY
1	Fencing (1.8m + gates)	m	100
2	New Toilet and Hand-wash Facility	sum	1
3	New 2-classroom unit (with office, kitchen, store, partitioning etc)	sum	1
4	Large Jungle Gym	sum	1
5	Fenced Waste Pit	sum	1
6	Fire extinguisher and signage	sum	1
7	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Siyamukela Crèche

Item	Description	Units	QTY
1	Install gate with posts	item	1
2	1 extra classroom	item	1
3	New Toilet and Hand-wash Facility	sum	1
4	Large Jungle Gym	sum	1
5	Install Tank Stand	sum	1
6	Install 5000L tank	sum	1
7	Install Downpipe	sum	1
8	Remove damaged ceiling	sum	1
9	Window Stays	sum	20
10	Window Pane replacement	sum	7
11	Fenced Waste Pit	sum	1
12	Continue internal wall to underside of roof	sum	1
13	Paint internal walls	sum	1
14	Screed and Paint Floor	sum	1
15	Install internal doors and lockset	sum	1
16	Install external door and lockset	sum	2
17	Paint around windows	sum	1
18	Refixed the roof with longer roofing screws	sum	1
19	Fire extinguisher and signage	sum	1
20	Separate tippee tap	sum	1

Hlangabeza Crèche

Item	Description	Units	QTY
1	Fencing (1.8m + gates)	m	110
2	New Toilet and Hand-wash Facility	sum	1
3	New 2-classroom unit (with office, kitchen, store, partitioning etc)	sum	1
3	Fire extinguisher and signage	sum	1
4	Fenced Waste Pit	sum	1
5	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Kopanang Crèche

Item	Description	Units	QTY
1	Fencing (1.8m + gates)	m	125
2	New Toilet and Hand-wash Facility	sum	1
3	New 2-classroom unit (with office, kitchen, store, partitioning etc)	sum	1
4	Large Jungle Gym	sum	1
5	Fire extinguisher and signage	sum	1
6	Fenced Waste Pit	sum	1
7	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Qaphelani Crèche

Item	Description	Units	QTY
1	New Toilet and Hand-wash Facility	sum	1
2	Toilet Doors and frames	sum	2
3	Other toilet repairs	sum	1
4	Roof fixing kit and roof fastening	sum	1
5	External Door	sum	1
6	Blockwork partition between office and kitchen	sum	1
7	Kitchen Countertops	sum	1
8	Metal stitching, plastering cracks	sum	1
9	New 3-classrooms with veranda	sum	1
10	Large Jungle Gym	sum	1
11	Floor repairs	sum	1
12	Internal Doors	sum	2
12	Fire extinguisher and signage	sum	1
13	Fenced Waste Pit	sum	1
14	Paint floors, paint kitchen walls & counter top	sum	1

Sakhisiswe Crèche

Item	Description	Units	QTY
1	New Toilet and Hand wash Facility	sum	1
2	New 1-classrooms with office, kitchen etc	sum	1
3	Large Jungle Gym	sum	1
3	Fire extinguisher and signage	sum	1
3	Fenced Waste Pit	sum	1
5	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Vukuzakhe Crèche

Item	Description	Units	QTY
1	Tighten Existing Fence	sum	1
2	New Toilet and Hand-wash Facility	sum	1
3	New 3 classrooms	sum	1
4	Large Jungle Gym	sum	1
5	New Kitchen	sum	1
6	Redo floor for existing office	sum	1
7	Painting existing office	sum	1
8	Fire extinguisher and signage	sum	1
9	Fenced Waste Pit	sum	1
10	Paint floors, paint kitchen walls & counter top	sum	1

Zamani Crèche

Item	Description	Units	QTY
1	Fencing (1.8m + gates)	m	128
2	New Toilet and Hand-wash Facility	sum	1
3	New 2-classroom unit (with office, kitchen, store, partitioning etc)	sum	1
4	Fenced Waste Pit	sum	1
5	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1
6	Fire extinguisher and signage	sum	1
7	Fenced Waste Pit	sum	1
8	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Buhlebuyavama Crèche

Item	Description	Units	QTY
1	Fencing (1.8m + gates)	m	110
2	New Toilet and Hand wash Facility	sum	1
3	New 2-classroom unit (with office, kitchen, store, partitioning etc)	sum	1
4	Fire extinguisher and signage	sum	1
5	Fenced Waste Pit	sum	1
6	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Fahlaza Crèche

Item	Description	Units	QTY
1	Fencing (1.8m + gates)	m	90
2	New Toilet and Hand-wash Facility	sum	1
3	New 2-classroom unit (with office, kitchen, store, partitioning etc)	sum	1
4	Fire extinguisher and signage	sum	1
5	Fenced Waste Pit	sum	1
6	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1

Kulakancane Crèche

Item	Description	Units	QTY
1	Fencing (partial)	m	140
2	New Toilet and Hand-wash Facility	sum	1
3	Install 5000L tank	sum	1
4	Install tank stand	sum	1
5	Install 3-lever lockset	item	2
6	Install Gutters and Downpipe	item	1
7	New Kitchen and Office (20m2)	item	1
8	Window Stays	sum	5
9	Window Pane replacement	sum	6
10	Replace roof sheeting	m2	100
11	Floor Screed	sum	1
12	Fire extinguisher and signage	sum	1
13	Waste Pit	sum	1

Nkanyesi Yokuza Creche

Item	Description	Units	QTY
1	Fencing (1.8m + gates)	m	100
2	New Toilet and Hand-wash Facility	sum	1
3	Plastic Tank outlet	item	1
4	Roof Fixing Kit	sum	1
5	External Door	sum	1
6	Install 3-lever lockset	item	2
7	Metal stitching, plastering cracks	sum	1
8	Large Jungle Gym	sum	1
9	Fire extinguisher and signage	sum	1
10	Fenced Waste Pit	sum	1

Thandanani Crèche

Item	Description	Units	QTY
1	Fencing (1.8m)	m	10
2	New Toilet and Hand-wash Facility	sum	1
3	Install 5000L tank	sum	1
4	Install tank stand	sum	1
5	Install Gutters and Downpipe	item	1
6	New office and Kitchen block	item	1
7	Roof Fixing Kit	sum	1
8	Install 3-lever lockset	item	2
9	Metal stitching, plastering cracks	sum	1
10	Floor repairs	sum	1
11	Toilet Ramp	sum	1
12	Fenced Waste Pit	sum	1
13	Fire extinguisher and signage	sum	1
14	Window stays	item	2
15	window handles	item	3

Bambahlanga Crèche

Item	Description	Units	QTY
1	New Toilet and Hand-wash Facility	sum	1
2	Install tank stand	sum	1
3	Install Gutters and Downpipe	item	1
4	Roof Fixing Kit	sum	1
5	New Kitchen and Office (20m2)	item	1
6	Metal stitching, plastering and painting cracks	sum	1
7	Floor repairs	sum	1
8	Window Pane replacement	sum	6
9	Fenced Waste Pit	sum	1
10	Fire extinguisher and signage	sum	1

Mahlungulu Crèche

Item	Description	Units	QTY
1	Fencing (1.8m + gates)	m	150
2	1 extra classroom	item	1
3	New Toilet and Hand-wash Facility	sum	1
4	Window Stays	sum	2
5	Window Pane replacement	sum	3
6	Install 3-lever lockset	item	3
7	Repair Burglar bars	sum	1
8	Fenced Waste Pit	sum	1
9	Fire extinguisher and signage	sum	1

Zamani (Nondweni) Crèche

Item	Description	Units	QTY
1	Fencing (1.8m + gates)	m	150
2	Disabled toilet with ramp	sum	1
3	Roof Fixing Kit	sum	1
4	Window Pane replacement	sum	2
5	New 1 classroom	sum	1
6	Fenced Waste Pit	sum	1
7	Fire extinguisher and signage	sum	1

Vukukhanye Crèche

Item	Description	Units	QTY
1	Fencing repairs and tightening	m	90
2	New Toilet and Hand-wash Facility	sum	1
3	New 2-classroom unit (with office, kitchen, store, partitioning etc)	sum	1
4	Fenced Waste Pit	sum	1
	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1
	Fire extinguisher and signage	sum	1

Isiyazama Crèche

Item	Description	Units	QTY
1	New Toilet and Hand-wash Facility	sum	1
2	New 2-classroom unit (with office, kitchen, store, partitioning etc)	sum	1
3	Fencing (1.8m + gates)	m	150
4	Fenced Waste Pit	sum	1
5	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1
6	Fire extinguisher and signage	sum	1

Ntuzuma Crèche

Item	Description	Units	QTY
1	Fencing (1.8m + gates)	sum	180
2	New Toilet and Hand-wash Facility, incl. ramp	sum	1
3	Window Pane replacement	sum	2
4	Window Stays	sum	3
5	Install 5000L tank	sum	1
6	Install tank stand	sum	1
7	Install Gutters and Downpipe	item	1
8	Roof Fixing Kit	sum	1
9	Roof Replacement	sum	80
10	External Door	sum	2
11	Metal stitching, plastering cracks	sum	1
12	Floor repairs	sum	1
13	Repaint Classroom	m2	120
14	Fire extinguisher and signage	sum	1
15	Fenced Waste Pit	sum	1

Thandukwazi Crèche

Item	Description	Units	QTY
1	New Toilet and Hand wash Facility	sum	1
2	New 2-classroom unit (with office, kitchen, store, partitioning etc)	sum	1
3	Large Jungle Gym	sum	1
4	Fenced Waste Pit	sum	1
5	Plaster Kitchen, paint floors, paint kitchen walls & counter top	sum	1
6	Fire extinguisher and signage	sum	1