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basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

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Our Reference: L001 ASIDI PM To Mvula Trust Limpopo-Conditional Approval of IPIP
20130117.doc

Your Reference: Request for IPIP approval

17 January 2013

**REGIONAL MANAGER
MVULA TRUST- LIMPOPO**

SENT BY EMAIL: GONDAI@MVULAPT.CO.ZA

FOR THE ATTENTION OF: GONDAI MATANGA

INFRASTRUCTURE PROGRAMME IMPLEMENTATION PLAN (IPIP): CONDITIONAL APPROVAL

The IPIP submitted to the Department of Basic Education (DBE) is hereby approved subject to the following conditions:

- (i) The appointment of any contractors, including professional service providers, is subject to the approval of the Director-General: Department of Basic Education. You may appoint contractors from the list of suppliers / contractors from The Mvula Trust, provided that the contractors should be selected on a competitive basis in accordance with the prescripts of the Preferential Procurement Policy Framework Act, No. 5 of 2000. You are expected to invite the DBE to attend your evaluation and adjudication committee meetings, however the DBE is not compelled to attend these meetings;
- (ii) Prior to commencement of any construction, a site development plan (SDP) per site must be submitted to the DBE for approval. The detailed requirements of the SDP is captured in the attached annexure;
- (iii) The estimated expenditure figures will be adjusted in accordance with the awarded tender prices; and
- (iv) Your monthly reports as proposed in figure 3 of the IPIP must be in accordance with the format prescribed by the DBE.

Trusting that you will find this in order.

KIND REGARDS:

TSHOLOFELO DIALE

ASIDI Programme Manager



12th November 2012

Our Ref: **SIDI/IPIP/002**

The Programme Manager
Accelerated School Infrastructure Development Initiative (ASIDI) Programme
Department of Basic Education
222 Struben Street
Pretoria
0001

Attention: Ms Tsholofelo Diale

RE: REQUEST FOR APPROVAL OF THE INFRASTRUCTURE PROGRAMME IMPLEMENTATION PLAN (IPIP) FOR THE ASIDI SCHOOL WATER AND SANITATION PROGRAMME TO BE IMPLEMENTED BY MVULA TRUST DURING FY2012/13 IN LIMPOPO PROVINCE

Kindly receive for your review and approval, the **INFRASTRUCTURE PROGRAMME IMPLEMENTATION PLAN (IPIP) FOR THE ASIDI SCHOOL WATER AND SANITATION PROGRAMME TO BE IMPLEMENTED BY MVULA TRUST DURING FY2012/13 IN LIMPOPO PROVINCE**. The IPIP provides an overview of the programme implementation framework, planned projects with budgets, Programme Schedule, water and sanitation design drawings to be utilized (which were also used during FY2011/12), and a copy of the Memorandum of Agreement. By signing the IPIP, you are allowing the Mvula Trust Limpopo Office to start implementing and spending on the ASIDI Programme for FY2012/13 in Limpopo Province. The Mvula Trust also undertakes to achieve practical completion of all planned projects by 31st March 2013.

I hope that you will find these documents in good order.

Yours sincerely


G. Matanga (Mr)
Regional Director
Mvula Trust – Limpopo Province

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DEPARTMENT OF BASIC EDUCATION



**PROGRAMME: ASIDI SCHOOL WATER AND
SANITATION (LIMPOPO)**

**INFRASTRUCTURE PROGRAMME IMPLEMENTATION
PLAN (IPIP)**

YEAR: 2012/13

Status: Draft-02

Revision : 04

Date : November 2012



Document History

Job Number: ASIDI-1213			Document Ref : ASIDI/IPIP/1213				
Revision		Purpose and description	Originated	Checked	Reviewed	Authorised	Date
1		IPIP	V. Chauke	J. Sarng	J. Sarng	G. Matanga	26/07/2012
2		IPIP	V. Chauke	J. Sarng	J. Sarng	G. Matanga	10/09/2012
3		IPIP	V. Chauke	J. Sarng	J. Sarng	G. Matanga	15/10/2012
4	X	IPIP	V. Chauke	J. Sarng	J. Sarng	G. Matanga	12/11/2012
5							
6							

DOCUMENT APPROVAL

MVULA TRUST

Signature

Gondai Matanga
Name & Surname:

Date

Regional Director
Designation

DEPARTMENT OF BASIC EDUCATION

Signature

Name & Surname:

Date

Designation

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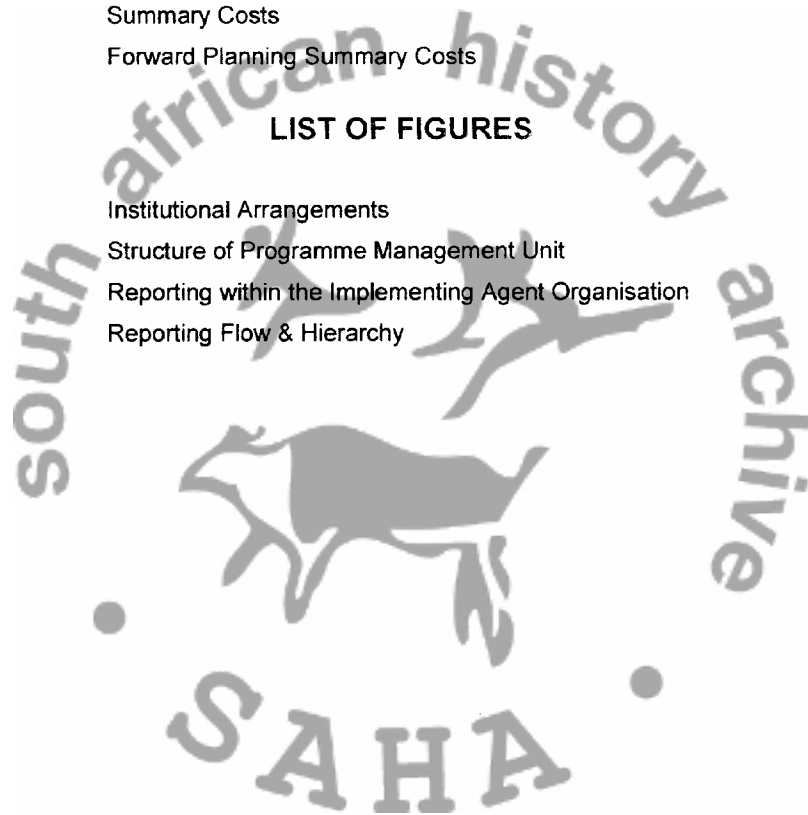
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1. DEFINITIONS

In order to provide clarity the following definitions are used within this document:

PIA	-	Programme Implementation Agent
Programme	-	Refers to the 2011/12, 2012/13 and 2013/14 infrastructure programme
PS	-	Professional Services-Built Environment Professionals responsible for Design, Quality Assurance and Contract Administration

2. BACKGROUND

The Mvula Trust signed a Memorandum of Agreement (MoA) with the Department of Basic Education (DBE) on the 14th of October 2011. The MoA is a 3-year contract for the implementation of school water and sanitation programmes under the ASIDI Programme. This IPIP focuses on projects and budget summarised in the table below:

No.	Name of Province	District Municipalities with Targeted Projects	Sub-Programme	Total Budget (Rands)
1	Limpopo	Capricorn, Mopani, Sekhukhune, Vhembe, and Waterberg	Water	28 449 116.48
2	Limpopo	Capricorn, Mopani, Sekhukhune, Vhembe and Waterberg	Sanitation	40 242 393.63
		TOTAL budget		68 691 510.11

The budget shown above is for the first year of this contract. The projects to be targeted in each year will be identified and approved by the department before implementation.

Procedural and design guidelines, as well as preferred tender documents, standard specifications, and applicable Conditions of Contract, provided by the Client Organisation are to be listed.

Design guidelines not provided by the Client Organisation but intended for use by the PIA are to be listed. Copies of these documents are to be submitted separately for approval by the Client Organisation.

3. DEVELOPMENT OF PROGRAMMES

The school water and sanitation programme will comprise of the following sub-programmes:

- Establishment of a Programme Management Unit (PMU)
- Assessment of schools water and sanitation infrastructure
- Project scoping and budgeting
- Stakeholder consultation
- Geo-hydrological investigation or/and feasibility studies
- Capacity building of school principals and SGBs

- Assessment of the current sanitation needs
- Procurement of goods, services and works suppliers
- Construction of sanitation facilities
- Implementation of construction support projects (e.g. compliance with OHS provisions, and user-education)
- Implementation of health and hygiene to compliment sanitation provision
- Commissioning of the projects
- School Water Programme
- Hydro-geological assessments
- Occupational health and safety
- Quality control, monitoring and evaluation
- Empowerment of school authorities, educators and learners on health, hygiene and user education
- Borehole siting
- Procurement of services (civil engineering Consultants) and works (contractors) suppliers
- Drilling of boreholes and testing (quality and yields)
- Equipping of boreholes and construction of storage facilities and reticulation
- Operation and maintenance: training, supply of tools & O&M manuals and development of as-built drawings
- Commissioning of completed projects

The Programme plan is presented below with key performance activities, target completion dates and deliverables. The cash flow will be provided below and in the appropriate annexure.

Table 1: Targets, Key Deliverables and Responsibilities

Stage	Project Number	Activity	Target Completion Date	Deliverable	Key Responsibilities
1.	Water & Sanitation	Planning	12-Oct-2012	Clear scope of work and services finalized	PIA
2.	Water & Sanitation	Allocation of Projects to PSPs	12-Oct-2012	PSs, Consultants and contractors appointed	PIA
3.	Water & Sanitation	Project Scheduling	12-Oct-2012	Project implementation schedules finalized	PIA
4.	Water & Sanitation	Implementation	31-Jan-2013	<ul style="list-style-type: none"> Contractors on site, and other SPs on the ground Progress reports generated and submitted 	PIA
5.	Water & Sanitation	Monitoring and evaluation of construction activities	31-Jan-2013	<ul style="list-style-type: none"> All sites visited, assessed Interim reports Mid-term evaluation 	PIA, DHS, DBE
6.	Water & Sanitation	Project administration	31-Jan-2013	<ul style="list-style-type: none"> Cash flow managed Contract administered properly Project managed properly 	PIA
7.	Water & Sanitation	Project Closure	30-April-2013 (Sanitation) 30-July-2013 (Water)	<ul style="list-style-type: none"> Final accounts submitted, and Final report submitted and approved 	PIA

4. INFRASTRUCTURE PROGRAMME/PROJECT CYCLE

The Programme/ Project Cycle is set down in Table 2 below;

Table 2: Programme/Project Cycle

<p>Stage 1 – Project Scope Confirmation</p> <ol style="list-style-type: none"> 1.0. Preliminary consultations with targeted school to verify school data, e.g. number of learners and educators and reported needs. 1.1. Project assessments to confirm a need for the project, its feasibility and scope of the project. 1.2. Allocation of budget to the identified project. 1.3. Consultations with stakeholders for project scope approval. 1.4. Confirmation of procurement strategy and implementing arrangements. <p>REQUIRED OUTCOME:</p> <ol style="list-style-type: none"> a. Project feasibility confirmed;
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- b. Project scope approved, and
- c. Procurement strategy and implementing arrangements approved

Stage 2 – Project Set-up

- 2.1 Appointment of Professional Team (Project Manager, Designer, Quantity Surveyor etc.). Note this step will be different if a design and construction strategy is adopted
- 2.2 Identification of SGBs.
- 2.3 Empowerment of the SGBs regarding roles and responsibilities.
- 2.4 Scope of project reviewed and confirmed.

REQUIRED OUTCOMES:

- a. Professional Team appointed.
- b. SGBs identification and capacity building
- c. Scope of project confirmed

Stage 3 – Project Planning and Design

- 3.1 Confirmation of land availability, and citing of projects.
- 3.2 Project Design
- 3.3 Obtaining authorizations and approval and required licenses, where required
- 3.4 Preparation of tender documents

REQUIRED OUTCOME:

- a. Suitable land and sites for projects identified
- b. Approved designs
- c. Required authorizations and required licenses (if any) in place, and
- d. Approved tender documents ready for publishing

Stage 4 – Tender and Award

- 4.1 Procurement of service providers was done in year one during FY 2011/12 for two years.
- 4.2 Current service providers are being utilised. New service providers shall be procured during FY2013/14 and shall be used for two years between FY2013/14 and FY2014/15.
- 4.3 Current service providers shall be allocated projects according to their capacity to deliver.
- 4.4 Poor performers shall not be considered with a view to make the programme fast and efficient and less costly due to delays in implementation.

REQUIRED OUTCOME:

- a. Approved project allocated to capable service providers and contracts issued.

Stage 5 – Construction

- 5.1 Handover of project sites to contractors
- 5.2 Contractor establishment on site
- 5.2 Project construction
- 5.3 Project handover by contractor to Implementing Agent
- 5.4 Handover of completed project to client

REQUIRED OUTCOME:

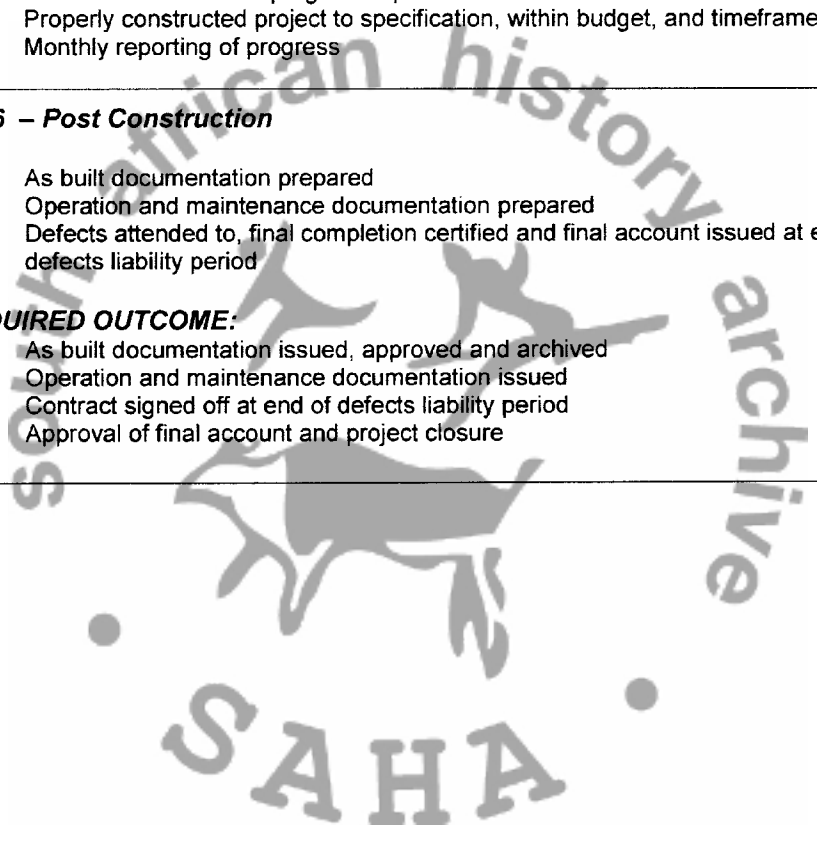
- a. Site handover, practical handover and completion certificates
- b. Construction technical progress reports
- c. Properly constructed project to specification, within budget, and timeframe
- d. Monthly reporting of progress

Stage 6 – Post Construction

- 6.1 As built documentation prepared
- 6.2 Operation and maintenance documentation prepared
- 6.3 Defects attended to, final completion certified and final account issued at end of defects liability period

REQUIRED OUTCOME:

- a. As built documentation issued, approved and archived
- b. Operation and maintenance documentation issued
- c. Contract signed off at end of defects liability period
- d. Approval of final account and project closure

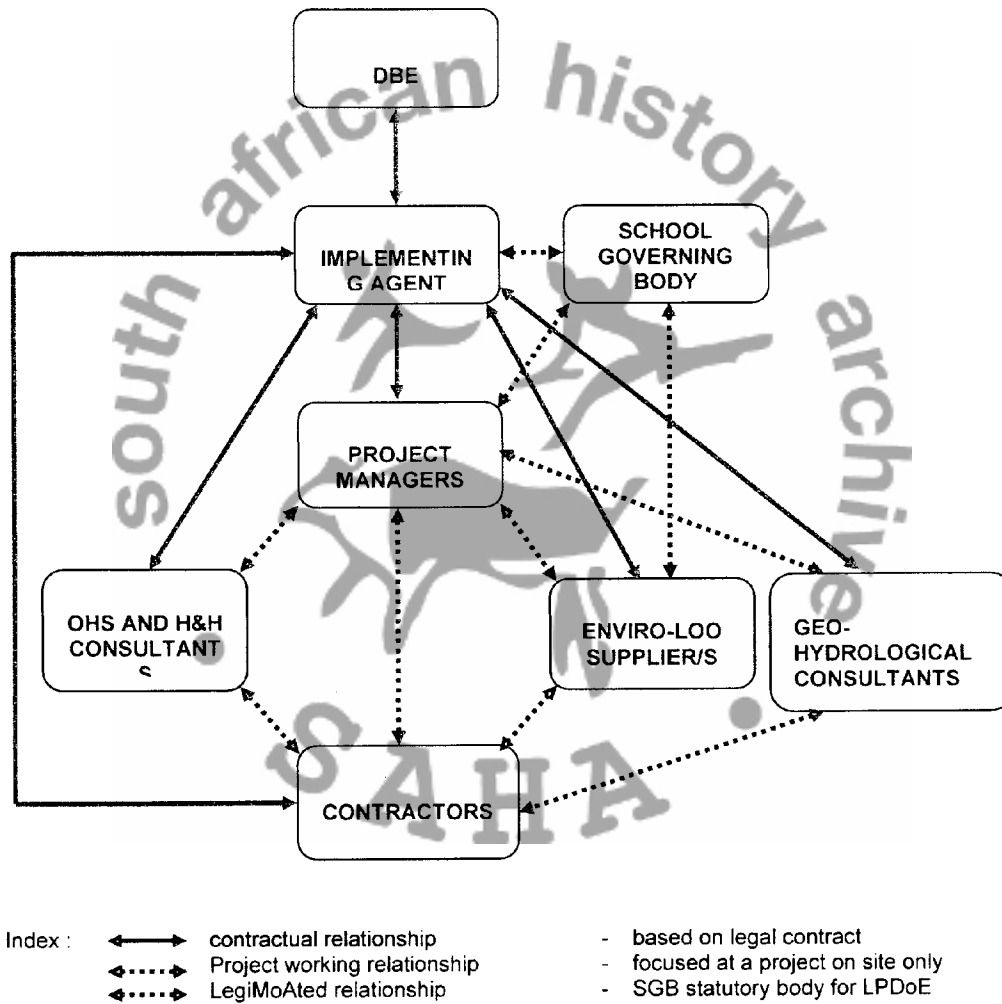


5. IMPLEMENTATION PROCESS

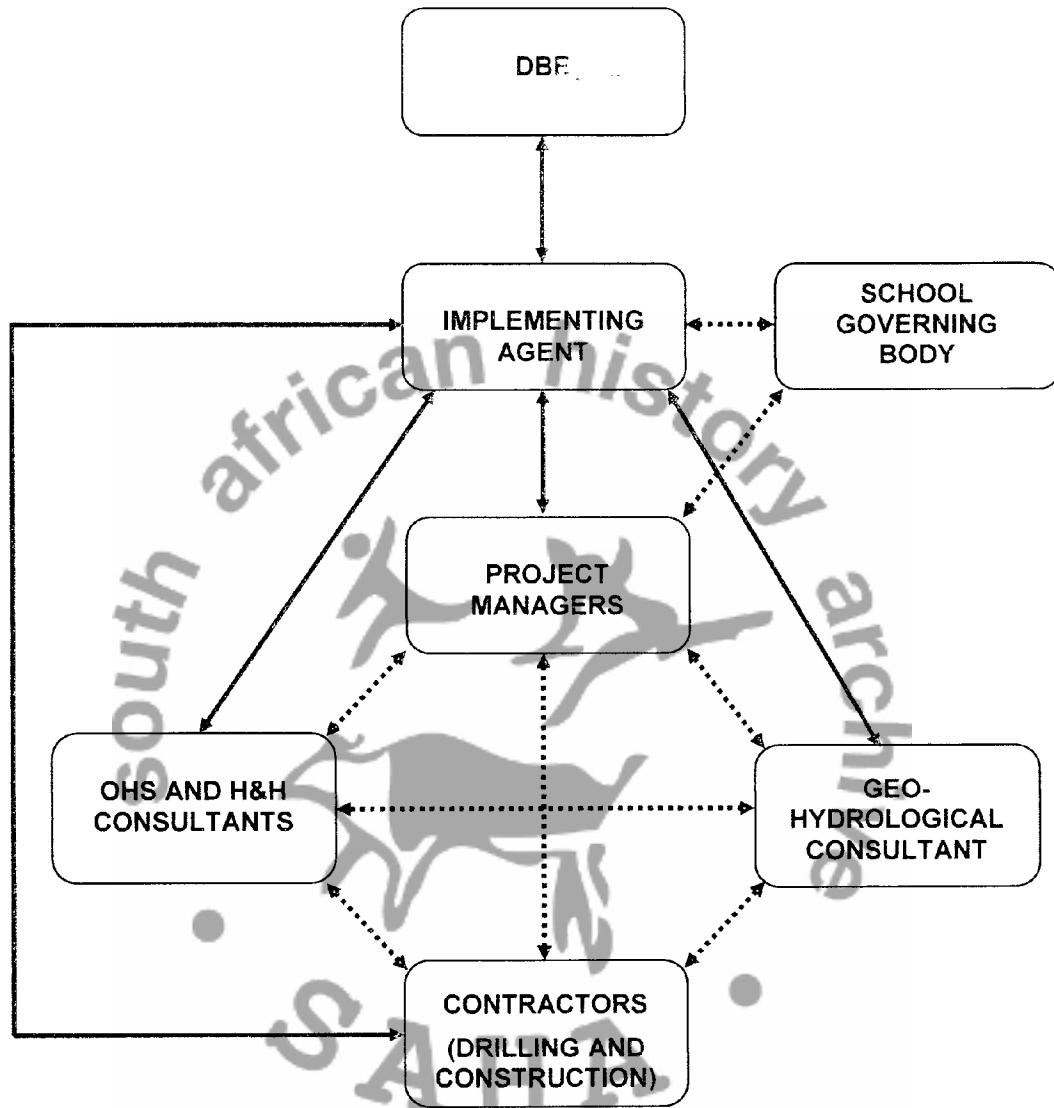
5.1 Institutional framework

Program Institutional arrangements for the sanitation sub-programme are illustrated diagrammatically in Figure 1 below:

INSTITUTIONAL FRAMEWORK FOR THE WATER SUB-PROGRAMME



INSTITUTIONAL FRAMEWORK FOR THE WATER SUB-PROGRAMME



- Index :
- ↔ contractual relationship
 - ⋯ Project working relationship
 - ⋯ LegiMoAted relationship
 - based on legal contract
 - focused at a project on site only
 - SGB statutory body for LPDoE

Figure 1: Institutional Arrangements

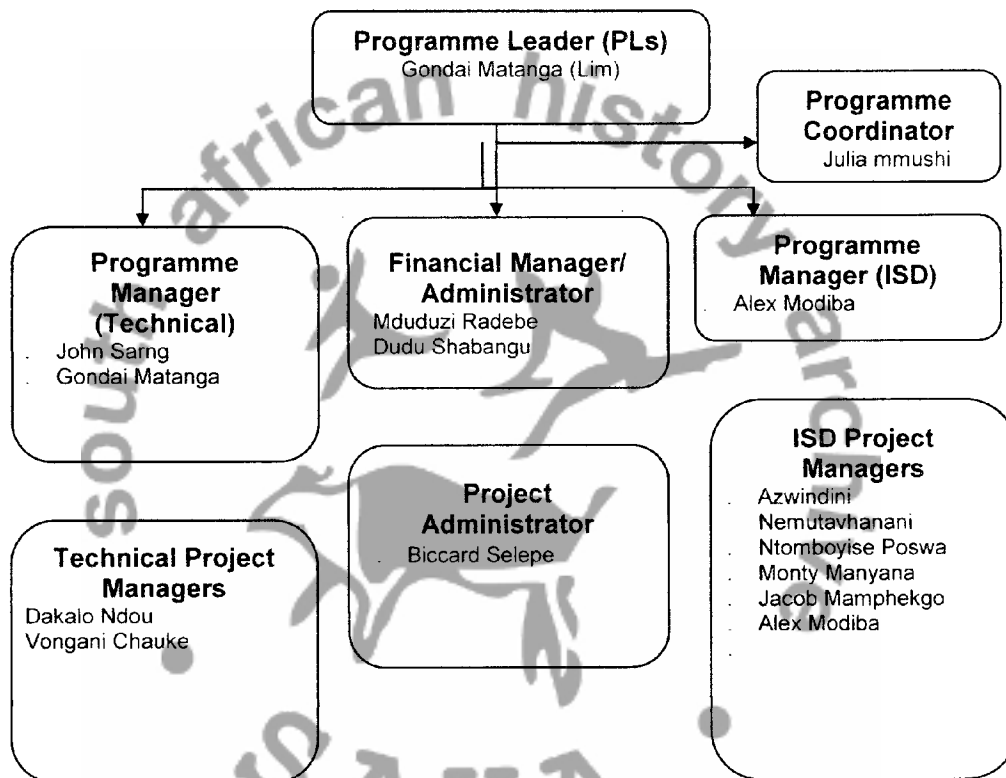
Please Note: the number of the service providers will be provided in the progress reports.

5.2 Programme Roles and Responsibilities

The responsibilities of the PIA as defined in the Service Delivery Agreement are delegated to various Role Players as reflected in Figure 1, and summarized as follows thereafter:

5.2.1 Programme Management Unit

Figure 2: Structure of Programme Management Unit



The list includes Mvula Trust project staff from Limpopo office. This excludes the resources from PM companies, specialist Consultants, and contractors.

The functions of the PMU (of the PIA) are to be as follows:

- Prepare and submit Infrastructure Programme Implementation Plan for approval by the PIA and submission to the Client Organisation;
- Assume responsibilities for appointment and management of project managers;

- Assess all potential projects;
- Prioritise the projects;
- Appoint all professional service providers and contractors;
- Ensure all appropriate insurances are in place to cover all potential risks;
- Ensure that all professional service providers are covered by adequate professional indemnity insurances during the contract;
- Receive and analyse assessment reports;
- Receive and analyse cost reports and monitoring tools;
- Set up adequate monitoring tools and suitably qualified personnel;
- Monitor performance of contractors and service providers;
- Prepare and submit monthly reports to the PIA in the prescribed format;
- Coordinate, chair and minute programme coordination meetings and monitor progress;
- Ensure timely payment of professional service providers and contractors;
- Ensure compliance with Treasury requirements

5.2.2 School Governing Body (SGB) as PSC

The SGB is responsible for:

- Supporting the identification of community needs;
- Endorsing the proposed project;
- Identifying the community workforce;
- Assisting with community liaison and conflict resolution; and
- Review of construction progress.

The SGB comprises members will be identified and their lists (including their portfolios) will be obtained

5.2.3 Project Managers

- Manage and implement all projects allocated to them within the cluster of projects;
- Act as Principal Agent of the PIA with regard to the construction contract;
- Prepare reports as necessary;
- Manage activities of construction contractors;
- Monitor and report project progress.
- Monitor all quality aspects during the construction phase;
- Approve and sign off specific quality control checks;
- Prepare and submit payment certificate for approval by the PIA; and
- Report as required

5.2.4 Support Services (e.g. geo-hydrological consultants, construction health and safety consultants, geo-hydrologists, civil engineers, etc.)

- Design all projects within the cluster of projects
- Document all technical aspects related to the project; and
- Prepare contract documentation for construction and tender purposes.

5.2.5 Contractor and other services Consultants

- Construct the facility to specification on time and within budget;
- Implement other services (e.g. OHS requirements, health and hygiene education and awareness)

- Submit reports as required;
- Employ local labour; and
- Provide "on the job" construction training to local community workers.

The responsibilities of the various team members of the PIA Programme Management Unit as outlined in Figure 2 are an extract of the MOA and are summarized as follows:

5.2.6 Designers (Support Services)

- Provide different designs for each particular services they will provide
- Document all technical aspects related to the project
- Implement or/and monitor their services on the projects, and
- Prepare contract documentation for construction (including other services) and manage tender process – if necessary, and
- Provide design or specialist report as inputs into the larger programme

5.2.7 Contractor

- Construct the facility to specification, on time and within budget
- Keep construction records, e.g. EPWP statistics, and submit reports as required
- Employ and manage local labour, and
- Provide on-the-job construction training to local community workers

5.2.6 Infrastructure Programme Manager

The Programme Manager is required to:

- Carry overall responsibility for implementation of the Programme;
- Facilitate Planning of the Programme;
- Manage procurement of the professional teams;
- Manage procurement of contractors;
- Manage programme management costs;
- Review and report on capital cash flow requirements;
- Manage Programme implementation specifically in terms of scope, time, quality and cost management;
- Check and approve payment certificates;
- Chair coordination meetings;
- Review reports as submitted by project managers;
- Manage progress through cash-flows;
- Ensure targets are met;
- Prepare and present adequate and accurate reports to the client;
- Ensure programme close-out; and
- Manage the activities of the Project Managers.

5.2.7 Project Development Facilitator

The functions of the Project Development Facilitator are to provide

- Effective Communication among the various Key Stakeholders on the Programme
- a structured mechanism to convey to the recipient communities all appropriate information necessary to ensure that they are kept informed of progress and involved in the Development process
- The necessary communication Channels at the District/regional level to ensure the effective implementation of the Programme

- A mechanism to ensure that the PIA's Client is kept informed on the Programme Progress at all times
- For the PIA Internal Communications mechanism.

5.2.8 Financial Administrator

- Monitor overall performance of Programme with respect to cash flows and targets;
- Prepare financial reports summarising project and Programme progress;
- Manage financial aspects of scope changes;
- Manage the Programme Schedule;
- Monitor programme management costs.
- Reconcile programme payments;
- Administer project payment protocol;
- Administer programme filing system;
- Provide Financial reports for the Programme Manager;
- Administer Programme Finances.

5.2.9 Programme Administration Assistant

- Capture project data;
- Capture and process payment certificates of contractors and Project Managers;
- File correspondence between Project Managers, Programme Managers;
- Respond to queries from Project Managers and contractors regarding payments, meeting dates, venues and times;



5.3 Agreements

5.3.1 Programme Manager

The Programme Managers' agreement specifies payment against deliverables, as well as specific definitions of scope of work for the Programme Manager. The agreement is attached as Appendix C of this document. The Programme Manager will be required to appoint or nominate Project Managers and social facilitators, and conclude appropriate agreements with them.

5.3.2 Project Managers

The Project Managers' agreement specifies payment against deliverables, as well as specific definitions of scope of work for the Project Manager. The agreement is attached as Appendix C of this document. The Project Managers will be required to appoint or nominate design professionals (if they are not taking responsibility for the design), and conclude appropriate agreements with them.

5.3.3 Design Professional (and or Support Service Consultants)

The Design Professional's agreement specifies payment against deliverables, as well as specific definitions of scope and programme of work in respect of the individual projects assigned to them.



5.3.4 Contractor Agreements

The JBCC Conditions of Contract will be used as a basis for the construction contracts. Note the contracts used should be in terms of the CIDB Best Practice Guidelines for procurement

6. PROGRAMME BUDGET ALLOCATIONS AND COSTINGS

6.1 Budget Allocations

The budget allocation for the Programme is summarized in Table 3 below:

Table 3: Year: 2012/13 Budget Allocation

No.	Budget Item	FY 2012/13 (Priority One)		FY2012/13 (Priority Two)		Summary for 12/13 FY	
		No. of Projects	Budget (Rands)	No. of Projects	Budget (Rands)	No. of Projects	Budget (Rands)
1	Capricorn-DM-Water	1	409 066.45	9	3 163 843.32	10	3 572 909.76
2	Mopani-DM-Water	1	409 066.45	12	4 218 457.76	13	4 627 524.20
3	Sekhukhune-DM-Water	15	6 135 996.70	20	7 030 762.93	35	13 166 759.63
4	Vhembe-DM-Water	7	2 863 465.13	12	4 218 457.76	19	7 081 922.88
5	Waterberg-DM-Water	-	-	-	-	-	-
Sub-Total Water Projects		24	9 817 594.72	53	18 631 521.76	77	28 449 116.48
6	Capricorn-DM-Sanitation	10	12 420 505.93	-	-	10	12 420 505.93
7	Mopani-DM-Sanitation	10	10 233 528.59	-	-	10	10 233 528.59
8	Sekhukhune-DM-Sanitation	10	9 755 127.29	-	-	10	9 755 127.29
9	Vhembe-DM-Sanitation	4	4 066 074.22	-	-	4	4 066 074.22
10	Waterberg-DM-Sanitation	3	3 767 157.60	-	-	3	3 767 157.60
Sub-Total Sanitation Projects		37	40 242 393.63	-	-	37	40 242 393.63
Total (Water & Sanitation)		61	50 059 988.35	53	18 631 521.76	114	68 691 510.11

Comments on Table 3:

Priority One Water Projects:- are those where no intervention has been done before and the school has no infrastructure at all.

Priority Two Water Projects:- are those where the school attempted to install a water supply system and due to lack of financial resources the system is not functional and does not have the correct components necessary for reliable water supply and the schools lack water.

6.2 Cash Flow Requirements

The anticipated cash flow requirements for the programme is summarised in Table 4 below.
Table 4: Anticipated cash flow requirements

No.	ITEM	YEAR 2012/13 BUDGET	CASHFLOW FOR IMPLEMENTATION IN 2012/13				
			November 2012	December 2012	January 2013	April 2013	July 2013
1	Capricorn-DM-Water	3 572 909.76	714 581.95	1 071 872.93	1 607 809.39	0	178 645.49
2	Mopani-DM-Water	4 627 524.20	925 504.84	1 388 257.26	2 082 385.89	0	231 376.21
3	Sekhukhune-DM-Water	13 166 759.63	2 633 351.93	3 950 027.89	5 925 041.83	0	658 337.98
4	Vhembe-DM-Water	7 081 922.88	1 416 364.58	2 124 576.86	3 186 865.30	0	354 096.14
5	Waterberg-DM-Water	0.00	0.00	0.00	0.00	0	0.00
	SUB-TOTAL	28 449 116.48	5 689 823.30	8 534 734.94	12 802 102.42	0.00	1 422 455.82
6	Capricorn-DM-Sanitation	12 420 505.93	2 484 101.19	3 726 151.78	5 589 227.67	621025.2966	0
7	Mopani-DM-Sanitation	10 233 528.59	2 046 705.72	3 070 058.58	4 605 087.86	511676.4293	0
8	Sekhukhune-DM-Sanitation	9 755 127.29	1 951 025.46	2 926 538.19	4 389 807.28	487756.3646	0
9	Vhembe-DM-Sanitation	4 066 074.22	813 214.84	1 219 822.27	1 829 733.40	203303.7109	0
10	Waterberg-DM-Sanitation	3 767 157.60	753 431.52	1 130 147.28	1 695 220.92	188357.8802	0
	SUB-TOTAL	40 242 393.63	8 048 478.73	12 072 718.09	18 109 077.13	2012119.682	0
	TOTAL	68 691 510.11	13 738 302.02	20 607 453.03	30 911 179.55	2 012 119.68	1 422 455.82

7. PROGRAMME TIMELINES AND MILESTONES

The Programme Milestones are listed in Table 4 and the summary programme for the Programme in Table 5.

A detailed schedule is attached as Appendix D of this document.

Table 4: Programme Milestones

MILESTONE & SUB-MILESTONE	TARGET DATE
<p>1. Annual Infrastructure Programme Implementation Plan established</p> <p>1.1 Budget allocation confirmed 1.2 Projects selected (including identification, prioritisation, assessment and approval) 1.3 Programme Plan prepared 1.4 Programme Plan approved</p> <p>REQUIRED OUTCOMES</p> <p>a. Infrastructure Programme Implementation Plan approved (including budget allocation and project approval)</p>	<p>October 2012</p>
<p>2. Infrastructure Programme Mobilized</p> <p>2.1 Programme management unit established and capacitated (required at the start of the programme and capacitation regarding any changes to the programme on the basis of policy changes and improvements based on the evaluation of the previous programme) 2.2 Implementing agents appointed (if agents are to be used) 2.3 Projects assigned to implementing agents 2.4 Forward planning defined (as required to effectively mobilize the projects to be implemented in future years)</p> <p>REQUIRED OUTCOMES</p> <p>a. Programme management in place and capacitated b. Programme implementing agent agreements in place (<i>if used</i>) c. Projects assigned to implementing agents d. Forward planning for future years defined</p>	<p>October 2012</p>
<p>3. Project Delivery – see table 4.2 for details of the project cycle</p> <p>3.1 Scope of all projects confirmed 3.2 All projects set up (i.e. professional team appointed and project steering committee formed and empowered) 3.3 All projects planned, designed 3.4 All projects awarded 3.5 All projects constructed 3.6 All projects handed over for use 3.7 All projects completed (i.e. project documentation completed and</p>	<p>January 2012³</p>

MILESTONE & SUB-MILESTONE	TARGET DATE
<p>construction contracts closed out)</p> <p>3.8 Forward planning for following year completed (only if planning and design is to be carried out in the current year in order to accelerate project delivery within the next year)</p> <p>REQUIRED OUTCOMES</p> <p>a. All projects completed to specification within budget and agreed timeframe</p> <p>b. Forward planning completed</p>	
<p>4. Infrastructure Programme Completion</p> <p>1.1 Programme evaluated (including evaluation of a sample of projects)</p> <p>1.2 Programme completion report prepared</p> <p>1.3 Programme completion report reviewed and approved</p> <p>1.4 Recommendations implemented for following year's programme</p> <p>REQUIRED OUTCOMES</p> <p>a. Infrastructure Programme evaluated</p> <p>b. Programme completion report approved</p> <p>c. Recommendations for improvements implemented</p>	<p>April 2013 (Sanitation)</p> <p>July 2013 (Water)</p>

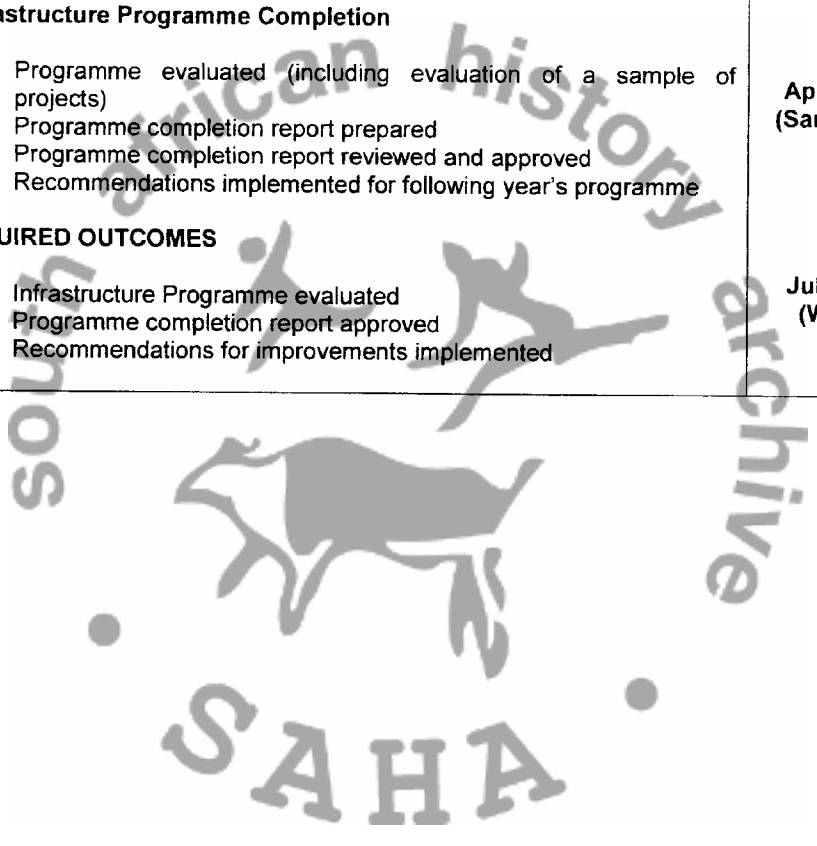


Table 5: Summary Programme

Refer to annexure

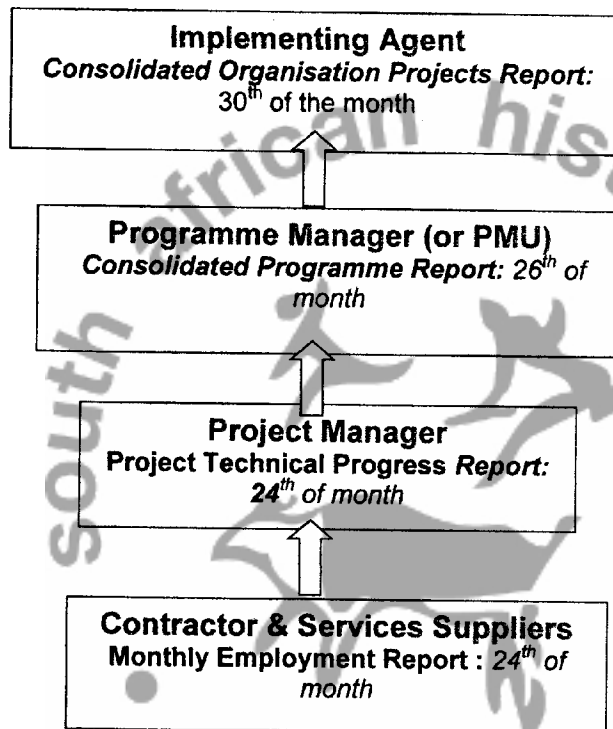


8. MONITORING AND REPORTING

8.1 Submission of reports

The reporting within the Implementing Agent Organization is set down in figure 3 below, and described thereafter.

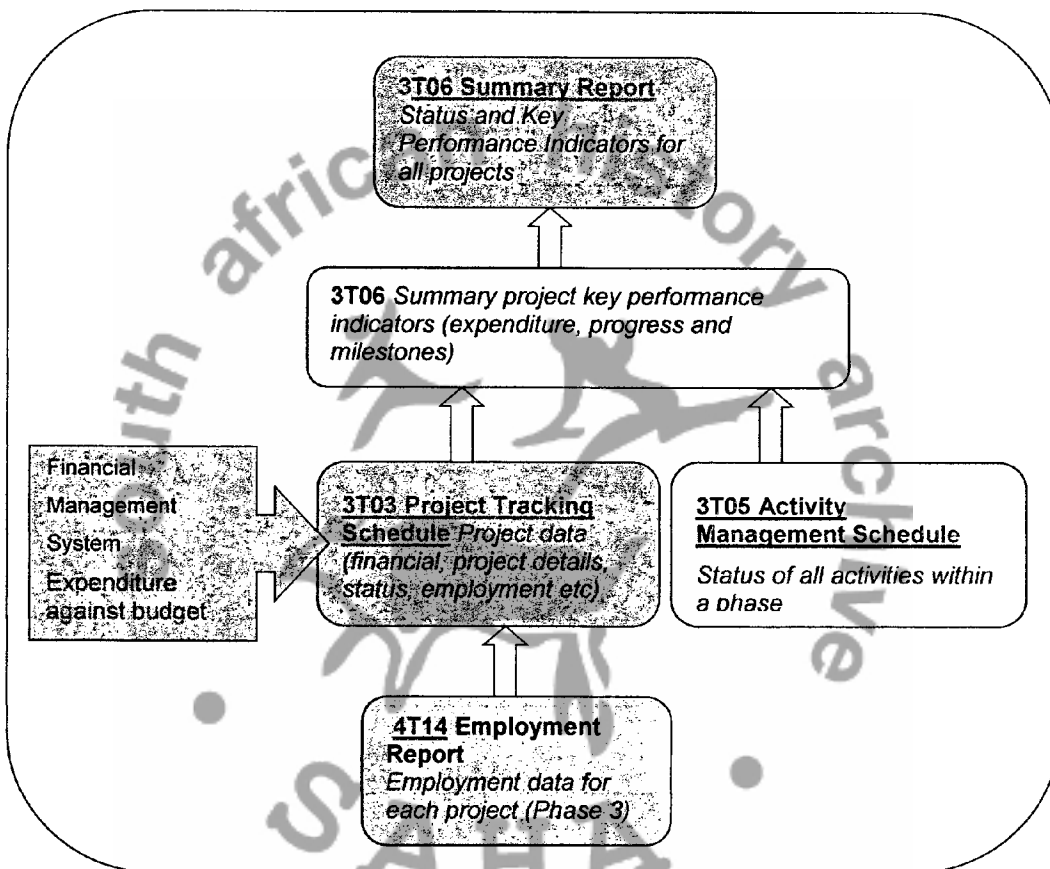
Figure 3: Reporting within the Implementing Agent Organisation



8.2 Reporting Hierarchy

The flow of reporting and hierarchy of reporting up to the summary management report is set down below in Figure 4.

Figure 4: Reporting flow & hierarchy



9. KEY PERFORMANCE INDICATORS

In order to monitor and evaluate the Programme in terms of its Objectives, Key Performance Indicators (KPI's) will be reported on throughout the implementation of the programme.

These are summarized in Table 6 as follows;

Table 6: Key performance indicators

Key Performance Area	Key Performance Indicator
1. Project Implementation Indicators	1.1 Total No. of Projects
	1.2 No. of Project Manager & teams appointed
	1.3 No. of projects planned
	1.4 No. of contracts issued
	1.5 No. of projects complete
	1.6 No. of projects handed over
	1.7 No. of projects with close out report issued
2. Social Impact indicators	2.1 No. of local people employed
	2.2 No. of local youth employed
	2.3 No. of person days of employment
	2.4 No. of women employed
	2.5 No. of disabled people employed
	2.6 Total payments to local communities
	2.7 Total payments to local materials suppliers
	2.8 Total No. of PDI Contractors
3. Capacitation	3.1 No. of SGB members provided with School management training (specifically on roles and responsibility in regards to the project)
	3.2 No. of community workers provided with construction skills training
	3.3 No. of students with experiential training

10. PROGRESS AND PERFORMANCE MONITORING

10.1 Progress and Performance Monitoring

The Project Managers will have overall responsibility for quality assurance, scope, time and cost management. They will be required to visit and hold site meetings at least monthly or more frequently where circumstances demand. The meetings will have two components in terms of matters handled. One component will attend to technical matters and will be attended by the Project Manager, the PIA PIM where necessary and the Contractor. The Project Manager will carry out an evaluation of work done and prepare a payment certificate. The second component will address social issues and will be attended by the Project Manager and the Project Steering Committee, where applicable.

Evaluation comprises the process of reviewing what has been done, and identifying weaknesses on the basis of which improvements can be made both to the way the

Programme is implemented as well as individual projects. Evaluation provides a "feedback" loop to enable continuous improvements.

Distinction needs to be made between internal evaluations i.e. by the various levels of management within the Programme and external evaluations which are independent assessments of the effectiveness of the Programme. Both types of evaluation are important. Furthermore, evaluations can be either very focused e.g. evaluation of quality or of employment or can be very broad covering the entire scope of development as well as resultant impact.

10.2 External evaluations

External evaluations should be carefully planned in order for them to be effective. They are not without their problems as well. In some instances because the evaluator does not fully understand the work undertaken or circumstances he/she can make biased value judgments not based on all the correct information.

External independent evaluations should be undertaken at least annually and should focus on problem areas so that the impact on improvements is maximised. They should include a formal feedback loop to the managers within the Programme both to clarify issues raised within the evaluations and to provide the managers with insight into proposed improvements. The evaluations (both internal and external) should always include formal appropriate and realistic recommendations for improvements. Senior management should be held accountable to seriously consider the recommendations, as part of performance review and implement approved recommendations timeously, so that the Programme can benefit from the improvements as soon as possible.

10.3 Internal Evaluation

The internal evaluations provide an opportunity for those involved in the Programme to pause and take stock by evaluating honestly the work and formulate improvements. Those involved in the Programme have first-hand experience and are often acutely aware of the weaknesses, and therefore can identify them quickly.

Within the Programme, it is recommended that internal evaluations should be undertaken on at least a 6-monthly basis in order for the managers involved to take stock and rapidly formulate improvements.

11. MANAGEMENT PLANS

11.1 Risk Management Plan

The Risk Management Plan is contained in Appendix G of this Document. It identifies and addresses issues on the following basis:

- Risk Categorisation;
- Institutional
- Financial Management
- Human Resources
- Programme Systems
- Environmental
- Beneficiary management
- Political
- Programme Closure
- Risk Identification and categorisation;
- Likelihood and consequence;
- Ranking;
- Proposed mitigation including responsibilities.

Responsibility:

It will be the responsibility of the Programme Manager to review and undertake risk management on the programme in terms of the Risk Management Plan and to ensure that the risks are minimized and adequately managed.

11.2 Quality Management Plan

The Quality Management Plan is contained in Appendix H of this Document. Quality issues are addressed on the following components:

- Programme components;
- Project construction quality control.

Refer to Appendix H for more information

Responsibility:

The Project Managers are responsible for managing the quality plan at a project level and the PIA Programme Manager is responsible for management of the programme components. Management of quality is to be reported monthly by the Project Manager and PIA PM respectively.

11.3 Communications Plan

11.3.1 Objectives

The Communications Plan has been compiled, together with budgeted cost, with the following objectives:

- To provide effective communication among the various key stakeholders on the Programme.
- To provide a structured mechanism to convey to the recipient communities all appropriate information necessary to ensure that they are kept informed of progress and involved in the development process.
- To provide the necessary communication channels at the district/regional level to ensure the effective implementation of the Programme.
- To provide a mechanism to ensure that the PIA's client is kept informed on the Programme progress at all times.
- To provide for the PIA internal communications mechanism.

11.3.2 Communications Plan Structure

The Communications Plan is structured as follows:

- Communication element/major events - what are the communication projects/activities and major events planned for the year and key dates for specific communications.
- Target audiences - who are the target audiences whom we are communicating with.
- Message - what message needs to be communicated to each target audience
- Medium - what medium/s should be used to communicate the message e.g. news print, advertorials, road shows, etc.
- Frequency - how often should communication be made with the target audience e.g. monthly, quarterly ad hoc, etc.
- Action Plan - what actions are required to achieve the communications with each target audience
- Responsibility - who is responsible for the communications with the various target groups
- Risk Assessment - what are the risks involved, how can the risks be minimised and what are the Key Success Factors.
- Communication cost - what is the cost of the communications with each target audience and for the major events.

The Costs for the implementing of the Communications Plan have been incorporated into the Financial Plan.

The detailed Communications Plan for Phase 3 of the Programme is detailed in Appendix I.

Responsibility:

The Programme Manager is responsible for the management of the Communications Plan, with input from the Communications Manager.

11.4 Human Resources Plan

The resource requirements to manage the programme are detailed in Table 7 below.

Table 7: Human Resource Requirements

The following table provides our key project resources, and their respective roles in the project implementation.

No.	Name of Project Member	Position or Role on the Project/Programme	Role to Play
1	Gondai Matanga	Programme Leader & IA Representative	Over-all responsibility for the programme; over-sight, coordination and monitoring; procurement; liaison with client and stakeholders; reporting and accountability; staffing and management of the programme
2	John Samg	Technical Programme Manager	Programme implementation & management; construction management; contracts administration; procurement; M&E; reporting
3	Julia Mmushi	Programme Co-ordinator	Programme administration & coordination; contract administration; programme documentation; secretarial services; office administration support to programme staff
4	Mduduzi Radebe	Financial Manager	Financial monitoring & reporting; invoicing; preparation of financial statements; assisting auditors
5	Azwindini Nemutavhanani	Technical Project Manager	Quality control; project management; reporting; M&E; managing contractors & interns; contract administration, including preparing payment certificates
6	Vongani Chauke	Technical Project Manager	Quality control; project management; reporting; M&E; managing contractors & interns; contract administration, including preparing payment certificates
7	Biccard Selepe	Programme Administrator	Programme administration & coordination; contract administration; programme documentation; secretarial services; office administration support to programme staff
8	Ntomboyise Poswa	ISD Facilitator	Social facilitation; health, hygiene & user education; monitoring & evaluation; reporting
9	Jacob Mamphekgo	ISD Facilitator	Social facilitation; health, hygiene & user education; monitoring & evaluation; reporting
10	Alex Modiba	ISD Facilitator	Social facilitation; health, hygiene & user education; monitoring & evaluation; reporting
11	Dakalo Ndou	Technical Project Manager	Quality control; project management; reporting; M&E; managing contractors & interns; contract administration, including preparing payment certificates
12	Monty Manyama	ISD Facilitator	Social facilitation; health, hygiene & user education; monitoring & evaluation; reporting
13	Dudu Shabangu	Financial Administrator	Financial monitoring & reporting; invoicing; preparation of financial statements; assisting auditors

The table excludes other support resources that will be drawn in whenever there is a peak demand for human resources. These resources could be from the Limpopo office.

11.5 Financial Plan

11.5.1 Summary

The summary programme management costs are set down in table 8 below, with the detailed Financial Plan contained in Appendix J. Please note that the projects and budgets have been approved yet.

Table 8: Summary Costs (2012/13)

Description of Projects	Projected Amount Required [R]	Total Approved Budget
Capricorn-DM-Water	3 572 909.76	<i>Pending</i>
Mopani-DM-Water	4 627 524.20	<i>Pending</i>
Sekhukhune-DM-Water	13 166 759.63	<i>Pending</i>
Vhembe-DM-Water	7 081 922.88	<i>Pending</i>
Waterberg-DM-Water	0.00	<i>Pending</i>
SUB-TOTAL	28 449 116.48	
Capricorn-DM-Sanitation	12 420 505.93	<i>Pending</i>
Mopani-DM-Sanitation	10 233 528.59	<i>Pending</i>
Sekhukhune-DM-Sanitation	9 755 127.29	<i>Pending</i>
Vhembe-DM-Sanitation	4 066 074.22	<i>Pending</i>
Waterberg-DM-Sanitation	3 767 157.60	<i>Pending</i>
SUB-TOTAL	40 242 393.63	
TOTAL	68 691 510.11	

The costs for 2013/14 will be worked out at the end of 2012/13 financial year

11.5.2 Forward Planning

It is recommended that forward planning take place within the 2012/13 financial year, with the objective of accelerating the delivery process in the following year. The forward planning activities will include all activities leading up to and including the preparation of tender documents for each approved project. This will enable tenders to be called for immediately on commencement of the 2013/14 financial year. The costs are summarized in Table 9 below, with the detailed Financial Plan contained in Appendix J2:

Table 9: Forward Planning Summary Costs

Description	Projected Total Amount Required	Approved Budget
Project Assessments	1 000,000.00	No
Project Design Professional Fees	250 000.00	No
Total Forward Planning Costs	1 250 000.00	No

12. PROGRAMME MANAGEMENT WORKFLOWS AND PROCESSES

Work flows and processes will be formulated and included the following

- Project Identification and Prioritisation
- Procurement Processes
- Contract Management
- Payment Processes
- Scope Change Management
- Reporting

13. APPENDIX A: LIST OF APPROVED PROJECTS

The projects to be implemented have not been approved yet. However, a list of these projects, once issued, will be attached to this document as an addendum.



14. APPENDIX B: LIST OF PROPOSED PROJECTS FOR THE FOLLOWING YEAR

A list of project for the next financial year is yet to be developed by the Department of Basic Education.



15. APPENDIX C: AGREEMENTS

The service provider agreements (or the Memorandum of Agreement between the Department and Mvula Trust, is attached below (See Annexures)



16. APPENDIX C1: SERVICE DELIVERY AGREEMENT

The Memorandum of Agreement between the department and Mvula Trust will serve this purpose until a formal MOA document is signed between the two parties.



18. APPENDIX D: TIMELINES

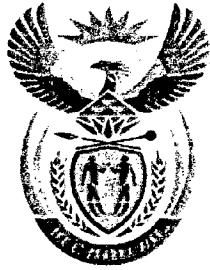
The timeline provided below is generic and will be replaced by the more realistic one once a list of approved projects has been issued.



19. APPENDIX E: SUMMARY REPORTS

Please refer to the report template used in the current reports by all (i.e. attached below). Any improvements to this will be endorsed by the department. The template applies for both school water and school sanitation monthly reports.





basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

PROGRESS REVIEW REPORT

ON THE

ACCELERATED SCHOOLS INFRASTRUCTURE DEVELOPMENT INITIATIVE (ASIDI)

PREPARED FOR

THE PROVINCIAL STEERING COMMITTEE

DEPARTMENT OF BASIC EDUCATION

Sol Plaatje House,
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JULY 2012

Prepared by:

MVULA TRUST



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Compiled by:

Date	Reason for change(s)	Author(s)
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Reviewed by:

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25-July -2012	n/a	John Sarng

Approved by:

Date	Reason for change(s)	Author(s)
25-July -2012		Gondai Matanga

Revision History

Date	Reason for change(s)	Author(s)
None	None	n/a

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1. INTRODUCTION

The Mvula Trust was appointed by the Department of Basic Education to provide water and sanitation facilities to selected schools in 5 districts under the Accelerated School Infrastructure Development Initiative (ASIDI) programme during financial years 2011/12, 2012/13 and 2013/14. This report provides an overview of the cumulative work done by the Mvula Trust between in financial year 2012/13. 78 projects were selected for implementation during financial year 2011/12 and are distributed as follows:

Table 1: Distribution of school water and sanitation projects in the 5 District Municipalities

No.	Budget Item	Water Projects		Sanitation Projects		Overall Summary	
		No. of Projects	Budget (Rands)	No. of Projects	Budget (Rands)	No. of Projects	Budget (Rands)
1	Capricorn-DM	10	3 572 909.76	10	12 420 505.93	20	15 993 415.69
2	Mopani-DM	13	4 627 524.20	10	10 233 528.59	23	14 861 052.79
3	Sekhukhune-DM	35	13 166 759.63	10	9 755 127.29	45	22 921 886.92
4	Vhembe-DM	19	7 081 922.88	4	4 066 074.22	23	11 147 997.10
5	Waterberg-DM			3	3 767 157.60	3	3767157.6
Sub-Total Water Projects		77	28 449 116.47	37	40 242 393.63	114	68 691 510.10

To implement the programme, the Mvula Trust engaged the services of four categories of service providers who are:

- Project Managers (responsible for project management and oversight of other service providers), (for both water and sanitation)
- Geo-hydrological Consultants (responsible for surveying and siting of boreholes as well as water quality & quantity assessments), (for water projects only)
- Construction Health & Safety Consultants (responsible for ensuring contractors adhere to government regulations on Health & Safety on each construction site) (water and sanitation).
- Contractors who are responsible for drilling and installation of electro-mechanical and civil works (for water projects) and construction of sanitation facilities (for sanitation projects).

The Mvula Trust plans to complete construction of all the 133 projects by end of December 2012.

2. DETAILED PROGRAMME PROGRESS

2.1 Summary of Progress

The table below shows the distribution of projects in the five district municipalities, the number of projects handed over for construction, and completion status.

Table 2.1.1: Distribution of school water and sanitation projects in the 5 District Municipalities in Limpopo Province

No.	District Municipality	Total No. of Projects	Handed over to Contractors for construction	Completed & Commissioned	Under construction	Progress per District Overall
1	Capricorn-water	10	-	-	-	0.00%
2	Mopani-water	12	-	-	-	0.00%
3	Sekhukhune-water	35	-	-	-	0.00%
4	Vhembe-water	8	-	-	-	0.00%
5	Waterberg-water	3	-	-	-	0.00%
Sub-Total (or Aggregate) -Water		68	-	-	-	-
1	Capricorn-sanitation	24	-	-	-	0.00%
2	Mopani-sanitation	15	-	-	-	0.00%
3	Sekhukhune-sanitation	18	-	-	-	0.00%
4	Vhembe-sanitation	5	-	-	-	0.00%
5	Waterberg-sanitation	3	-	-	-	0.00%
Sub-Total (or Aggregate) -Sanitation		65	-	-	-	-
Grand-Total-WAT. & SAN.		143	-	-	-	-

Site handover for construction is scheduled to start on the 30th of July 2012.

2.2 Project by Project Progress Report

This shall be provided as after site handover.

2.3 OHS Brief Report

Contractors on the programme are shall fully comply with stipulated OHS requirements. They shall receive regular support from the OHS monitoring team and safety officers.

Contractors shall receive written instructions for non-compliances, as well as corrective actions to be taken.

The OHS inspection reports shall be compiled per each site. A project by project report shall be available and will also form part of our close-out report.

2.4 User Education

This activity is scheduled to take place before the facilities are handed over to end users. It involves educating learners, educators and the school management about the usage and operation and maintenance of the water and sanitation facilities.

2.5 Health and Hygiene Education

This activity is also undertaken before commissioning takes place. This is a supplementary activity that takes learners, educators and the school management through how we contract diseases due to unhygienic practices and educates the target group on how to avoid such practices to improve wellness.

3. PROGRAMME BUDGET

Table 3 : Number of Schools and Budgets per District Municipality

No.	Budget Item	Water Projects		Sanitation Projects		Overall Summary	
		No. of Projects	Budget (Rands)	No. of Projects	Budget (Rands)	No. of Projects	Budget (Rands)
1	Capricorn-DM	10	3 572 909.76	10	12 420 505.93	20	15 993 415.69
2	Mopani-DM	13	4 627 524.20	10	10 233 528.59	23	14 861 052.79
3	Sekhukhune-DM	35	13 166 759.63	10	9 755 127.29	45	22 921 886.92
4	Vhembe-DM	19	7 081 922.88	4	4 066 074.22	23	11 147 997.10
5	Waterberg-DM			3	3 767 157.60	3	3767157.6
Sub-Total Water Projects		77	28 449 116.47	37	40 242 393.63	114	68 691 510.10

4. PROGRAMME EXPENDITURE

Table 4.1 : Number of Schools and Budgets per District Municipality

The Projects have not registered expenditure to date. However, planning work valued at R1 200 000 has been concluded and claim certificates are being prepared for submission by the 30th of July 2012.

5. EPWP STATISTICS

Table 5.0: Projected EPWP-Statistics for Water and Sanitation Projects

No.	District Municipality	No. of Schools	No. of People to be Employed	Disabled	Female	Youth	Locals
	Capricorn-Sanitation	10	100				
	Sekhukhune-Sanitation	12	120				
	Waterberg-Sanitation	35	350				
	Mopani-Sanitation	18	180				
	Vhembe-Sanitation	3	30				
	Capricorn-Water	24	240				
	Sekhukhune- Water	15	150				
	Waterberg- Water	18	180				
	Mopani- Water	5	50				
	Vhembe- Water	3	30				
	Sub-Total Limpopo	143	1430				

6. ISSUES REQUIRING OPERATIONAL INTERVENTION

- o None

7. ISSUES REQUIRING STRATEGIC INTERVENTION

None.

8. CHALLENGES / RISKS

- None

9. PROPOSED SOLUTIONS

- None

10. REVISED PROGRAMME SCHEDULE

Table 10.0 : Schedule of planned activities- Limpopo Province

No.	Scheduled Activities	Planned Completion (in 2011)	Achieved / Revised Completion	Status
1	Collection of baseline site information and scope development	June 2012	June 2012	100%
2	Planning of the projects and budgets	July 2011	July 2011	100%
3	Finalization of the service providers appointments and contractual agreements /Addenda to existing appointments / contracts	July 2011	July 2011	10%
4	Geo-hydrological assessments	August 2012	August 2012	0%
5	Drilling Testing and Equipping activities on sites	October 2012	October 2012	0%
6	Design and inspection of construction activities for water infrastructure (e.g. borehole pumps, tank stands, plumbing, etc.) and Sanitation infrastructure (VIP and Enviro-Loo blocks etc)	October 2012	October 2012	0%
7	Inspection of construction sites	October 2012	October 2012	0%
8	Retention Release for completed water projects	April 2013	April 2013	0%
9	Retention Release for completed sanitation projects	January 2013	January 2013	0%
10	Identification of H&H issues, scope development and implementation of solutions	April 2013	April 2013	0%

11. CONCLUSION

The implementation of the DBE funded ASIDI School Water and Sanitation Programme for the 2012/13 financial year is progressing well. All planning work has been concluded and implementation is set to start by 30th of July 2012. All the 143 schools will be completed by end of November 2012. Since the projects are completed at different times, final

commissioning will also happen at different times. Final commissioning of sanitation projects will be concluded in January 2013, while that for water projects will be in April 2013.

For the Implementing Agent: The Mvula Trust

Report drafted by:

John Sarng

25 July 2012

Name and Surname

Date

Signature:

Report Approved by:

Gondai Matanga

25 July 2012

Name and Surname

Date

Signature:

For the Department of Basic Education:

Report Sent to: Sejabaledi Thobakgale / Tsholofelo Diale

Report Approved by;

Name and Surname

Date

Signature

20. APPENDIX F: DESIGN GUIDELINES

The designs for the school water and sanitation programme will be those approved by the National Department of Basic Education for use on the ASIDI Programme.



21. APPENDIX G: RISK MANAGEMENT PLAN

PROGRAMME : SCHOOL WATER AND SANITATION



CONTENTS

- 1 Introduction And Background
- 2 Methodology
- 3 Risk identification
- 4 Risk assessment matrix
- 5 Conclusion



1. INTRODUCTION AND BACKGROUND

- 1.1 The risk assessment is carried with reference to the Programme Implementation Plan which is the background to the assessment.
- 1.2 It must be noted, however, that risk management is a periodic activity that is linked to the various stages of the project management cycle. High priority risks should be monitored more often than low priority risks, due to their high potential to impact negatively on the achievement of the outputs and outcomes of the programme.
- 1.3 This document therefore highlights the risks associated with the programme implementation process. It forms an Appendix to the Programme Implementation Plan, and its purpose is to provide a framework for a continual programme risk management process.
- 1.4 This document provides an analysis of potential risks that need to be identified and managed. The strategy of management of highlighted risks is the responsibility of the Regional Director (RD). It is essential that the RD assesses the proposals, and translate them into actionable items with timeframes and responsibilities attached, and ensure that there is a direct relationship to the monitoring plan for the programme.

2. METHODOLOGY

The risk management proposal was developed through consultation with the programme managers, project managers and financial administrator. The consultation did not directly involve the intended beneficiaries of the programme.

A risk assessment/analysis matrix was developed, which focused on the following key elements:

- Identification of current internal and external programme risks;
- Broad categorisation of risks in terms of the stages of the Project Management Cycle;
- Identification of the consequences of such risk events occurring;
- Ranking the risks based on their consequences, as either high, medium or low priority risk events;(this prioritization is purely from the infrastructure cluster point of view)

- Identification of mechanisms for management, mitigation, or prevention of the risk events and their impacts.

3. RISK IDENTIFICATION

Almost all the risks identified relate to the implementation stage of the programme. The primary perspective in this analysis looks at the risk in not meeting contractual obligations, the risk to the organization as a result of not meeting the contractual obligations and the possible risk to client relations.

The categories of risk identified were:

- Institutional arrangements,
 - Delay in transfer of funds from the Client
 - Delayed decision making turnaround times
 - Inadequate preparation of community and consultants
 - Poorly defined relations between the various role players in the programme.
- Project procurement;
 - Inappropriate project designs
 - Inappropriate project specifications
 - Under-budgeting or over-budgeting
 - Poor quality of work by PDI's involved
 - Quality of performance of consultants
 - Material supplies and costs
 - Lack of a system for affirmative project procurement;
 - Building operations hampered by lack of site inputs such as water and power
 - Inadequate monitoring and evaluation of cluster management; and
 - Delays within PIA's procurement process.
- Financial management;
 - cash flow arrangements with consultants and contractors
 - cession arrangements
 - fraud
- Human resources;
 - Inadequate human resources of programme.
 - Inappropriate skills mix in programme
 - Labour conflicts

- Lack of appropriate training
- PIA inability to fast track appointment of service providers and key staff;
- **Programme systems;**
 - Delays in payment process
 - Communications/network failure or inefficiency;
 - Inability to use the system on the part of project office staff;
 - high volumes of documentation and contractual documents that require signature
 - Hardware or software failure;
 - Incompatibility of system to government systems on hand-over.
 - Inadequate data security
- **Environmental;**
 - Inclement weather (rainy days, etc.)
 - Adverse site conditions
 - Access to site i.e. poor roads
 - Theft and robbery on and off site
- **Beneficiary management;**
 - Community involvement
 - Employment within communities
 - Disruption of school calendar
- **Political**
 - Political conflicts between community members
 - Changing briefs and site selection and identification.
 - Client applies political pressure to take on additional work (scope creep) within current budget and timeframes
 - Dissatisfaction with political players due to poor delivery
- **Programme closure;**
 - Poor documentation
 - Lost lessons
 - No proper closure
 - No evaluations

There is a high possibility of the majority of risks identified occurring; hence they were regarded as high priority. It might be necessary that management of these high priority risks be further prioritized, to take into consideration current implementation dynamics, however, it would be inadvisable to remove some of them from the Programme Implementation Plan.



4. Risk Assessment Matrix

A Risk Assessment Matrix with mechanisms to manage the Identified risks is indicated overleaf.

Risk Categories	Identified Risks	Risk Analysis			
		Likelihood	Consequence	Rank	Proposed actions to mitigate risk
Implementation: Institutional arrangements	1. Delays in transfers of funds by client	High	<ul style="list-style-type: none"> Delayed programme commencement. 	High	<ul style="list-style-type: none"> Adequate Lead-time must be built into initial contract negotiations. Compile programme cash-flow projections Negotiate and Maintain strong relations with client to ensure priority and fast tracking of PIA programme requirements.
	2. Delays in Decision making by client and PIA management.	High	<ul style="list-style-type: none"> Cash flow projections are disrupted across the programme implementers 	High	<ul style="list-style-type: none"> Identify key decisions that require the client's attention. Identify when decisions are required and who needs to make them Adequate lead-time should be built into planning and execution. Develop schedule of transfers agreed to by client and the PIA each party is able to plan accordingly. Submit monthly payment requests
	3. Inadequate preparation of Community and Community Consultants.	Low	<ul style="list-style-type: none"> Delays in programme activities and subsequent downstream decisions 	Low	<ul style="list-style-type: none"> Community Facilitation should be made on up front process and deliverables in terms of actions and results of facilitation need to be built into programme Clearly defined monitoring framework is put in place and is consistently verified and monitored.
	4. Poorly defined institutional arrangements for management of programme.	High	<ul style="list-style-type: none"> Community involvement and participation is compromised. Programme objectives and outcomes are compromised. Loosely defined relationships and blurred accountability between Stakeholders. 	High	<ul style="list-style-type: none"> Institutional arrangements have to be agreed upfront and built into IPIP. Conduct a workshop for processes and procedures in the programme
	5. Non Streamlined Communication	Medium	<ul style="list-style-type: none"> Poor communications Inefficient operation of the programme. 	Med.	<ul style="list-style-type: none"> Ensure that programme Communications Plan is implemented and adhered to.

Project implementation: Programme procurement	<ul style="list-style-type: none"> Incorrect or non-existent planning; 	High	<ul style="list-style-type: none"> Project implementation is delayed; Extra materials create storage problems; 	High	<ul style="list-style-type: none"> This is a project risk: can be corrected by contracting responsibilities to the support units in PIA (procurement), and the project implementation team.
	<ul style="list-style-type: none"> Lack of a system for project procurement; 	Low	<ul style="list-style-type: none"> Project manager loses support of internal PIA staff with regard to project procurement. 	Low	<ul style="list-style-type: none"> Develop a concise project procurement system and plan which identifies type of material required per project, quantities required per week, delivery mechanisms, storage facilities and mechanisms, transportation and distribution procedures with clear responsibilities.
	<ul style="list-style-type: none"> Inadequate monitoring and evaluation of cluster management; 	Medium	<ul style="list-style-type: none"> Cluster managers utilize their own suppliers that do not meet PIA criteria; 		<ul style="list-style-type: none"> Ensure PIA's Procurement Process is responsive to Programme requirements
	<ul style="list-style-type: none"> Delays within PIA's procurement process. 	High	<ul style="list-style-type: none"> Shrinkage of project supplies; i.e. all materials do not reach destination; Confirmation of projects by the client is delayed 	High	<ul style="list-style-type: none"> Ensure PIA's Procurement Process is responsive to Programme requirements Follow-up with the client in regards to the approval of budget, or issuing of the new project list for implementation
	<ul style="list-style-type: none"> Lack of Affirmative Procurement System 	Medium	<ul style="list-style-type: none"> Beneficiaries are idle; and Beneficiaries protest non-payment of subsistence for idle days. 	Med.	<ul style="list-style-type: none"> Implement Consistent Affirmative Procurement Policy as Per PIA internal and Client
	<ul style="list-style-type: none"> Lack of Quality Management 		<ul style="list-style-type: none"> Poor Final Product 		<ul style="list-style-type: none"> Ensure Implementation of PIP Quality Management Plan

<p>Implementation: Programme Closure Implementation: Programme systems</p>	<p>1. Project office does not function effectively once PIA withdraws at the end of the contracted period, due to insufficient planning and preparation on the part of PIA.</p>	<p>Medium</p>	<ul style="list-style-type: none"> • PIA contract period extended; • PIA expected to provide ad-hoc ongoing support without a contractual agreement and no project management authority; • Reputation of PIA as an organization that can build capacity is damaged. 	<ul style="list-style-type: none"> • This is a PIA risk and can be managed by contracting responsibilities to the various units of the PIA, as well as reaching an understanding with the client. • Clarify the requirements of the client with regard to the project office, especially with regard to systems. • Agree on the responsibilities of PIA and that of the client in terms of the clarified requirements (establish pre-requisites on the part of the client); • Develop an PIA exit strategy from the programme (should also take into consideration information on the programme, and what happens to it once PIA withdraws) • Amend the contract where necessary; • Develop contracts within PIA for the various relevant units on the project team to deliver key agreed upon requirements. • Monitor implementation of the contracts and the exit strategy on a quarterly basis. • Formally communicate with the client in terms of progress, bottlenecks etc. in phasing out PIA.
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	<p>PIA programme data management system fails; due to:</p> <ol style="list-style-type: none"> 1. Communications/network failure or inefficiency; 2. Inability to use the system on the part of project office staff; 3. Sending high volumes of information to the PIA system through the internet; 4. Hardware or software failure; 5. A disaster at the PIA such as fire, theft, flooding etc., with no current disaster recovery system; 6. A disaster at the project office such as fire, theft, flooding etc., and 7. Incompatibility of system to government systems on hand-over. 	High	<ul style="list-style-type: none"> • Payments to beneficiaries are halted or slowed down dramatically; • Crucial information lost is irretrievable; • Information is corrupted/ stolen; 	High	<ul style="list-style-type: none"> • Although this is an overall programme risk, the bulk of it lies with the PIA as PIA expected to set up the programme system, and can be managed by implementing the following: • A contractual agreement between IT and the Project manager (PIA) to: • Provide data1 back-up immediately whenever a high volume transaction is about to take place, • Provide specific programme back-up before the programme closes for a month; • Re-assess the 24 hour data recovery process in order to shorten the time for this programme; • Put in place a disaster recovery system immediately for this programme, with regard to PIA head-office. • Provide materials to the project office for their daily back-up such as a CD writer. • Assist project office with training on systems • Investigate and implement another means of transfer of information from project office to PIA, other than the internet • Assess the current fire-wall of PIA and monitor attempts to hack into the system; • Assist project office in interacting with the client on clarifying their disaster recovery systems, and the establishment of a system for the project office • Establish an arrangement with finance such that there is weekly and monthly back-up of information. • Investigate the development of a system that would be compatible with government systems on handover • Project management to identify expectations of the system which takes into account approval processes and levels that assist audits. Internal audit must be brought onto the project team to define an audit plan for the programme. • Project management to define data capture processes in relation with finance and to establish a contractual relationship.

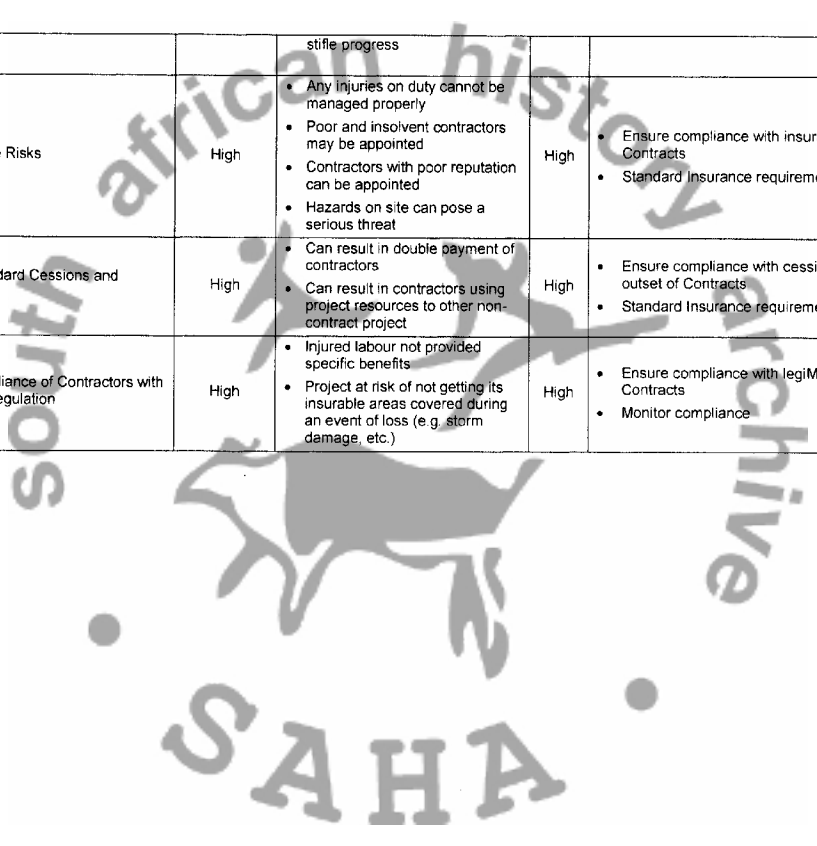
<p>Implementation: Human Resources</p>	<p>Considerable delays in programme delivery as a result of:</p> <ol style="list-style-type: none"> 1. PIA inability to fast track appointment of service providers; 2. Number of existing project staff too few to implement tasks in planned timeframes; 3. Imposition of service providers that are not cooperative. 	<p>High</p>	<ul style="list-style-type: none"> • Key tasks not done prior to implementation, and gaps in controls; • Delays in data capture and beneficiary payments; • Client dissatisfied due to delayed projects. 	<p>High</p>	<p>This is a Regional Office risk; and should be managed through:</p> <ul style="list-style-type: none"> • Immediate identification of skills/resource gaps in project office, and finalize contracting within two weeks. (e.g. of gaps are project finance, administration, procurement) • Finalize contracts with service providers that were imposed in order to manage them more effectively; • Manage Programme cash flow correctly • Checklist of PIA payment requirements to be given to service providers and suppliers
<p>Implementation: Financial management</p>	<ol style="list-style-type: none"> 1. Substantial portion of programme budget negatively impacted on by VAT expenditure and tax. 	<p>High</p>	<ul style="list-style-type: none"> • Insufficient budget for materials • Targets not achieved in terms of projects and beneficiaries. • PIA forced to supplement materials budget. 	<p>High</p>	<ul style="list-style-type: none"> • As part of the contractual delivery to the programme, the finance unit discusses with the client and pursues the registration of the programme as a VAT vendor within the next month. • The aspect of tax should be investigated and if necessary an exemption for the SARS to be obtained in advance • Budget for VAT.
	<ol style="list-style-type: none"> 2. Fraud as a result of manipulation of project systems 	<p>High</p>	<ul style="list-style-type: none"> • False/ghost beneficiaries receive project funds • Project operates beyond budget. • Reputation of PIA and client is compromised 	<p>High</p>	<p>This is an overall programme risk which has political ramifications for the client and the PIA. Manage by contracting responsibilities to:</p> <ul style="list-style-type: none"> • With assistance of legal unit compile a fraud prevention plan • Project office staff and service providers with regard to checks and balances, including the design of an appropriate system; • Finance with regard to early warning system on budgets and payments; and • IT in designing a system that allows for periodic checks, audits and cross-referencing • External contracts should be addenda to the contract. • Audit every two months. • Random spot-checks on sites • Finalize, and manage implementation of fraud prevention plan for the programme.

SAHA

Implementation: Financial management	Fluctuating currency values negatively impact on delivery of the programme.	High	<ul style="list-style-type: none"> Rising materials costs due to SIFSA escalations. 	High	<p>This is an overall programme risk that will impact on the client and the PIA as PIA. Suggestions to manage the impact down may be found in the section on procurement above.</p> <ul style="list-style-type: none"> Allow for escalation
Implementation: Financial management	Service providers claim for work done prior to PIA appointment.	High	<ul style="list-style-type: none"> Claims exceed budgeted amounts. 	High	<p>This is a programme risk and may be managed in the following manner:</p> <ul style="list-style-type: none"> Finalize all contracts that are still outstanding; Ensure that contract includes any work that may have been done previously, and that client verifies that this falls within PIA designed terms of reference. Adjust future work such that contract does not exceed budgeted amounts for services provided. Manage all service providers very tightly. Ensure mechanisms in place to verify and cross check all claims (include Internal audit in the design of the mechanisms)
Implementation: Financial management	Non – or late payment of Service Providers and contractors		<ul style="list-style-type: none"> Non delivery of goods and services Dissatisfaction on part of service providers Negative image created of PIA 		<ul style="list-style-type: none"> Institute and maintain rigorous system of payment procedures and tracking
Political	<ol style="list-style-type: none"> Client applies political pressure to take on additional work (scope creep) within current budget and timeframes; through. <ul style="list-style-type: none"> Media announcements; High level discussions with CEO; Making demands on project office. 	High	<ul style="list-style-type: none"> PIA human resources strained; Quality of project delivery diminishes; Programme and project resources strained; PIA finances strained. 	High	<ul style="list-style-type: none"> The project office via the team leader keep the CEO informed of key issues on the programme weekly; Any demands on the project office are reported directly to the Director and CEO such that strategic decisions may be taken with the most available information; There are regular meetings at a strategic level outside of the normal structure of meetings between the CEO and MEC of the department/Premier to prevent surprise announcements in the media. PIA ensures there are funds available for surprise announcements that could not be managed away, such that the programme budget is not directly impacted.

	2. Service providers who have a direct relationship with client at the political level sabotage PIA.	High	<ul style="list-style-type: none"> PIA programme management interfered with. Scope creep. Budget eaten up through unplanned activities Dissatisfied client. 	High	<p>This is a high level PIA risk and it is proposed that</p> <ul style="list-style-type: none"> Client contact does not remain at the project level, and that there is direct and regular contact between the CEO and the MEC on the programme. Project staff not attempt to deal with any such events or rumors of such events by themselves. The project office at all times maintains tight management of the programme through managing contracts that have penalty clauses.
	3. Vandalism and sabotage at a project level.	High	<ul style="list-style-type: none"> Safety of project beneficiaries and PIA staff impacted on; Materials shrinkage; Budget over-extended 	High	<p>This is a programme risk and should be managed by:</p> <ul style="list-style-type: none"> Ensuring local political involvement in the project processes, such as in recruitment. (community involvement) Ensure that cluster managers are insured such that they remain accountable for cluster project delivery. Monitor the climate in communities weekly to identify brewing unrest. Ensure that departments that own the community facilities have security measures.
Legal	1. Terminations and litigation by Contractors and Consultants	High	<ul style="list-style-type: none"> Service providers (i.e. contractor, PM, etc.) contracts terminated for non-performance. This resulting in the stoppage of project due to litigation Beneficiaries affected since the project is under litigation 	High	<ul style="list-style-type: none"> Ensure Contracts are comprehensive Develop comprehensive early warning system Seek Legal Unit advice Discuss and negotiate situations when they to avoid conflict spilling out and tainting the reputation of client
	2. Poor contractual relationships between cluster managers and their sub consultants	High	<ul style="list-style-type: none"> Poor performance by contractors False reporting by cluster managers Conflicting information from both parties Lack of support of contractor by cluster manager 	High	<ul style="list-style-type: none"> Ensure contractual issues comprehensively dealt with in terms of standard agreements Provide mediation only when unavoidable Ensure that relationship is maintained amicable through holding regular contractor meetings (e.g. monthly, or bi-monthly
	3. Non-standard Contract documents	High	<ul style="list-style-type: none"> Performance disputes cannot be resolved Project unresolved issues with disputes can accumulate and 	High	<ul style="list-style-type: none"> Prepare standardized and integrated set of contract documents Ensure that contract documents cover all areas that any legally acceptable contract document have to. Better use standard JBCC document

			stifle progress		
4. Insurance Risks	High	<ul style="list-style-type: none"> Any injuries on duty cannot be managed properly Poor and insolvent contractors may be appointed Contractors with poor reputation can be appointed Hazards on site can pose a serious threat 	High	<ul style="list-style-type: none"> Ensure compliance with insurance requirements at outset of Contracts Standard Insurance requirements in Contract documentation 	
5. Non-standard Cessions and sureties	High	<ul style="list-style-type: none"> Can result in double payment of contractors Can result in contractors using project resources to other non-contract project 	High	<ul style="list-style-type: none"> Ensure compliance with cession and surety requirements at outset of Contracts Standard Insurance requirements in Contract documentation 	
6. Noncompliance of Contractors with Labour Regulation	High	<ul style="list-style-type: none"> Injured labour not provided specific benefits Project at risk of not getting its insurable areas covered during an event of loss (e.g. storm damage, etc.) 	High	<ul style="list-style-type: none"> Ensure compliance with legiMoActive requirements at outset of Contracts Monitor compliance 	



Conclusion

It is critical that the monitoring and evaluation plan for the programme takes into consideration the recommendations of this document, such that the monitoring exercise not only helps identify any new risks that may emerge, but also actively monitors management of the identified current risks as outlined in the proposals.

The Risk Management Plan should be reviewed on quarterly basis and updated thereafter. The Regional Programme Manager should be given the responsibility for overseeing the implementation of the risk management plan.



PROGRAMME: SCHOOL WATER AND SANITATION

QUALITY MANAGEMENT PLAN



Status: Draft-01

Version : 3.2

Date : 11 July 2012

CONTENTS

- 1 OBJECTIVES
- 2 STRUCTURE OF COMMUNICATIONS PLAN
- 3 COMMUNICATIONS PLAN SCHEDULE



1. Purpose

The purpose of the Quality Management Plan is to define what quality control processes should be undertaken for two aspects:

- The Programme Management Components in terms of adhering to the principles of the Project Management Body of Knowledge in Terms of Cost, Quality and Time parameters;
- Within each project, what should be inspected, by whom, when and what is the measure that the quality has been achieved.

2. Programme Management Components

Procedures have been established, together with the necessary approvals and delegated responsibilities and authorities, for aspects such as:

- Procurement
- Monitoring of implementation progress
- Reporting to client and stakeholders
- Document Administration
- Project and Financial Control
- Payment processes
- Scope management

3. Project Construction Quality Control

Role Players and responsibilities

There are a number of role players with various responsibilities related to site Quality Control. These are detailed as follows:

Designation	Organisation	Function	Frequency	Communication Route
Programme Leader/s	Mvula Trust	Contract Management and oversight	Continuous	Programme Managers
Programme Coordinator	Mvula Trust	Liaison with client on strategic matters	Random	Programme Coordinator
Technical Programme Manager (PM)	Mvula Trust	Quality Checks	Random	Via Project Manager
ISD Programme Manager	Mvula Trust	Quality Assurance	Bi-weekly	N/A
Technical Project Manager	Mvula Trust	Quality Assurance	As per plan below	Line
ISD Project Managers	Mvula Trust	Quality Control	Continuous	N/A
Project Managers (Water and Sanitation)	Procured Engineering Consultants	Construction supervision / contract management	Continuous	N/A

Designation	Organisation	Function	Frequency	Communication Route
OHS Consultancy	Procured Specialist Consultants	Safety on site	Random	PM
H&H Consultancy	Mvula Trust	H and Hygiene Education	Scheduled	N/A
Geo-Hydrologists	Procured Specialist Consultants	Geophysics	Continuous	N/A
Contractors (drilling)	Procured Contractors	Drilling and equipping all water infrastructure	Continuous	N/A
Contractors (construction)	Procured Contractors	Installations of infrastructure	Continuous	N/A
Enviroloo suppliers	Procured supplier/s	Supply of Enviro-loo units	Continuous	N/A

4. Components of Quality Control Plan

The components of the quality control planning comprise:

- Defining the components of the work to be quality controlled e.g.
 - Site survey
 - Hydro-geological assessment
 - Site earthworks, foundations and walling
 - Structural components (e.g. load bearing bases, columns, suspended floors etc.)
 - Roofing
 - External and internal finishes
 - Civil, Mechanical & Electrical
 - Plumbing
 - External works (sewer, water and storm water lines, parking and landscaping etc.)
 - Service connections (water, electricity, sewer)
 - Access
 - Other
- Defining where within the layout the work component occurs
- Defining what quality control should be undertaken for each component of the works,
- How often should the quality control check be carried out i.e. frequency of inspections.
- Defining who is responsible for quality control both internally within the contractor and externally by the client's representative
- Establishing a quality control schedule which will be used to document and monitor the progress of quality control within the project.

4. Quality Control Schedule

A typical format for the quality control schedule is attached. Note the attached schedule is indicative only and does not include all of the work components. Specialist inspections should also be identified and stipulated within the work programme. For example, specialist inspection of proprietary water proofing or paint applications, specific structural inspections, etc.



No.	Work Component	Location of Works within the Project Layout	Quality Control Inspections to be carried out	Frequency	Responsibility for Quality Control Check	Certification of Quality Achieved
1.	Site survey (cadastral)		1.1 Inspection of boundary pegs	• At site handover to contractor	Land surveyor	Land surveyors certificate
				• At handover by contractor	Land surveyor	Land surveyors certificate
2.	Site Earthworks		2.1 Setting out of works	Prior to commencement of site earthworks	Site Earthworks foreman	Survey print out agreeing with site setting out survey
			2.2 Compaction of fill embankments	As stipulated in the works specifications	Site Earthworks foreman Spot checks weekly by Civil Engineer	Soil Laboratory test results within specification Written approval by CE
			2.3 Cut & Fill banks to correct batter	At completion of work component	Civil Engineer	Written approval by CE
			2.4 Grassing of banks – minimum ground cover as stipulated in the contract specifications	At completion of work component	Civil Engineer	Written approval by CE
3	Foundations		3.1 Foundation excavations	Prior to casting	Struct Engineer	Written approval by SE
			3.2 Foundation concrete casting	During and after casting	Concrete foreman	Certification by Concrete foreman
			3.3 Foundation concrete quality	As stipulated in concrete specifications	Struct Engineer	Satisfactory concrete strength laboratory test results
4.	Load bearing structure		4.1 Inspection of steel reinforcing	Prior to casting	Struct Engineer	Written approval by SE

No.	Work Component	Location of Works within the Project Layout	Quality Control Inspections to be carried out	Frequency	Responsibility for Quality Control Check	Certification of Quality Achieved
			4.2 Concrete casting	During and after casting	Concrete foreman	Certification by Concrete foreman
			4.3 Concrete quality	As stipulated in concrete specifications	Struct Engineer	Satisfactory concrete strength laboratory test results
			4.4 Load bearing brickwork	• During construction	Building foreman	Certification by building foreman
				• At completion of component	Struct Engineer	Written approval by SE
5.	Brickwork		5.1 Inspection of quality during construction	• Daily inspection	Building foreman	Certification by building foreman
				• At completion of component	Architect/Building Inspector	Written approval by BI
6.	Doors and windows		6.1 Inspection of quality during construction	• Daily inspection	Building foreman	Certification by building foreman
				• At completion of component	Architect/Building Inspector	Written approval by BI
7	Roof		7.1 Inspection of quality during construction	• Daily inspection	Building foreman	Certification by building foreman
				• At completion of component	Architect/Building Inspector	Written approval by BI
8.	External works		8.1 Inspection of quality during construction	• Daily inspection	Building foreman	Certification by building foreman
				• At completion of component	Architect/Building Inspector	Written approval by BI
9.	External finishes		9.1 Inspection of quality during construction	• Daily inspection	Building foreman	Certification by building foreman
				• At completion of	Architect/Building	Written approval by BI

No.	Work Component	Location of Works within the Project Layout	Quality Control Inspections to be carried out	Frequency	Responsibility for Quality Control Check	Certification of Quality Achieved
10.	Internal finishes		10.1 Inspection of quality during construction	component	Inspector	Certification by building foreman
				• Daily inspection	Building foreman	Certification by building foreman
11.	Mechanical Installations		11.1 Inspection of quality during installation	• At completion of component	Architect/Building Inspector	Written approval by BI
				• Daily inspection	Mechanical Foreman	Certification by Mechanical foreman
12.	Electrical Installation		12.1 Inspection of quality during installation	• At completion of component	Mechanical Engineer	Written approval by ME
				• Daily inspection	Electrical Foreman	Certification by Electrical foreman
13.	Plumbing works		13.1 Inspection during construction	• At completion of component	Electrical Engineer	Written approval by ME
				• Daily inspection	Building foreman	Certification by building foreman
14.	Water connection		14.1 Inspection of quality during construction	• At completion of component	Architect/Building Inspector	Written approval by BI
				• Daily inspection	Building foreman	Certification by building foreman
15.	Sewer Connection		Inspection of quality during construction	At completion of component	Architect/Building Inspector	Written approval by BI
				Daily inspection	Building foreman	Certification by building foreman
16.	Storm water connection		Inspection of quality during construction	At completion of component	Architect/Building Inspector	Written approval by BI
				Daily inspection	Building foreman	Certification by building foreman

No.	Work Component	Location of Works within the Project Layout	Quality Control Inspections to be carried out	Frequency	Responsibility for Quality Control Check	Certification of Quality Achieved
17.	Electricity supply connection		Inspection of quality during construction	Daily inspection	Building foreman	Certification by building foreman
				At completion of component	Architect/Building Inspector	Written approval by BI



PROGRAMME: SCHOOL WATER AND SANITATION

YEAR: 2012/13

COMMUNICATIONS PLAN

Status: Draft-01

Version : 3.2

Date : October 2012

CONTENTS

- 1 OBJECTIVES
- 2 STRUCTURE OF COMMUNICATIONS PLAN
- 3 COMMUNICATIONS PLAN SCHEDULE



1. Objectives

The communications Plan shall be compiled, together with budgeted cost, with the following objectives:

- 1.1 Provide Effective Communication among the various Key Stakeholders on the Programme
- 1.2 Provide a structured mechanism to convey to the recipient communities all appropriate information necessary to ensure that they are kept informed of progress and involved in the Development process
- 1.3 Provide the necessary communication Channels at the District/regional level to ensure the effective implementation of the Programme
- 1.4 Provide a mechanism to ensure that the PIA's Client is kept informed on the Programme Progress at all times
- 1.5 Provide for the PIA Internal Communications mechanism.

2. Structure of Communications Plan

The Communications Plan is structured as follows:

- 2.1 Communication Element/Major Events - what are the communication projects/activities and major events planned for the year and key dates for specific communications
- 2.2 Target Audiences - who are the target audiences whom we are communicating with
- 2.3 Message - what message do we want to communicate to each target audience?
- 2.4 Medium - what medium/s should be used to communicate the message e.g. news print, advertorials, road shows, etc.
- 2.5 Frequency - how often should we communicate with the target audience e.g. monthly, quarterly ad hoc, etc.
- 2.6 Action Plan - what actions are required to achieve the communications with each target audience
- 2.7 Responsibility - who is responsible for the communications with the various target groups
- 2.8 Risk Assessment - what are the risks involved, how can the risks be minimised and what are the Key Success Factors
- 2.9 Communication Cost - what is the cost of the communications with each target audience and for the major events

3. Communications Plan Schedule

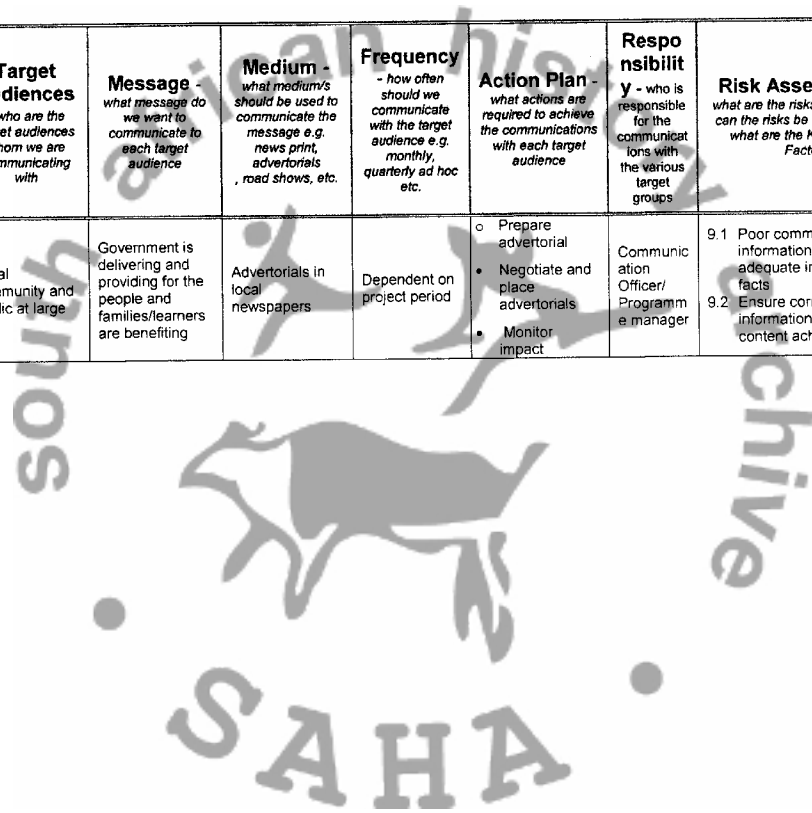
The Details of the Communications Plan are contained in the Communications Plan Schedule in Section 3 below.

Communication Element/Major Events - what are the communication projects/activities and major events planned for the year and key dates for specific communications	Target Audiences - who are the target audiences whom we are communicating with	Message - what message do we want to communicate to each target audience	Medium - what medium/s should be used to communicate the message e.g. news print, advertorials, road shows, etc.	Frequency - how often should we communicate with the target audience e.g. monthly, quarterly ad hoc etc.	Action Plan - what actions are required to achieve the communications with each target audience	Responsibility - who is responsible for the communications with the various target groups	Risk Assessment - what are the risks involved, how can the risks be minimized and what are the Key Success Factors	Communication Costs - what is the cost of the communications with each target audience and for the major events
1. Project Level	Local community and school committee	Government is delivering and providing for the people and families/learner are benefiting	Address to Project Steering Committee - at the start and handover of each project	Start and handover of each project	Plan attendance of Project Steering Committee at start and at handover of project.	PM's	1.1 Projects not delivered on time or are poor quality. Ensure projects are completed on time to acceptable quality. 1.2 Community expectations not met - communicate clearly via Project Steering Committee what will be done and as importantly what will not be included in the project. Performance meets community expectations	To be covered under the IA fees
2. Political leadership	Political leaders for the programme	PIA is delivering on time to budget and quality and the social impact of the programme	High level executive summary report with key statistics and pictures (1 page PowerPoint) - progress, social impact, challenges)	Quarterly	Prepare high level executive summary PowerPoint report	Programme Manager	2.1 Projects not delivered on time or are poor quality. Ensure projects are completed on time to acceptable quality. 2.2 Key information not available - ensure that key info is available monthly	To be covered under the IA fees

Communication Element/Major Events - what are the communication projects/activities and major events planned for the year and key dates for specific communications	Target Audiences - who are the target audiences whom we are communicating with	Message - what message do we want to communicate to each target audience	Medium - what medium/s should be used to communicate the message e.g. news print, advertorials, road shows, etc.	Frequency - how often should we communicate with the target audience e.g. monthly, quarterly ad hoc etc.	Action Plan - what actions are required to achieve the communications with each target audience	Responsibility - who is responsible for the communications with the various target groups	Risk Assessment - what are the risks involved, how can the risks be minimized and what are the Key Success Factors	Communication Costs - what is the cost of the communications with each target audience and for the major events
3. Client Level	3 Senior Management within the client organization	PIA is delivering on time to budget and quality and the social impact of the programme	Monthly management reports (Client Report) as well as Monthly Joint Operations Meetings	Monthly	Prepare monthly progress report and participate in Monthly Joint Operations Meetings	Regional Director/ Programme Manager	3.1 Projects not delivered on time or are poor quality. Ensure projects are completed on time to acceptable quality. 3.2 Key information not available - ensure that key info is available through frequent site monitoring by field staff.	To be covered under the IA fees
4. PIA Management Reports	CEO	PIA is delivering effectively with proper financial controls	Monthly management reports as well as High level Exec Summary	Monthly	monthly progress report, PIA management reports and high level executive summary PowerPoint report	Regional Director/ Programme Manager	4.1 Projects not delivered on time and expenditure behind cash flow project 4.1 Key Information not available - ensure that key info is available monthly	If different to the requirements of the monthly report, it will cost R10,000 per month (negotiable based on format)
5. Project Signboards	Local community	Government is delivering and providing for the people and families/learners are benefiting	At start of construction project signboard (NOTE not contractors signboard) erected	One off at start of construction	a. Signboard layout and details provided to contractor b. Signboard manufactured and erected	Contractor	5.1 Signboard erected late or with wrong details - ensure correct information supplied and signboard erected timeously	This is part of construction. Will be in the BoQ to be priced by contractors

Communication Element/Major Events - what are the communication projects/activities and major events planned for the year and key dates for specific communications	Target Audiences - who are the target audiences whom we are communicating with	Message - what message do we want to communicate to each target audience	Medium - what medium/s should be used to communicate the message e.g. news print, advertorials, road shows, etc.	Frequency - how often should we communicate with the target audience e.g. monthly, quarterly ad hoc etc.	Action Plan - what actions are required to achieve the communications with each target audience	Responsibility - who is responsible for the communications with the various target groups	Risk Assessment - what are the risks involved, how can the risks be minimized and what are the Key Success Factors	Communication Costs - what is the cost of the communications with each target audience and for the major events
6. Programme Launch	Government and public at large	Government is delivering and providing for the people and families/learners are benefiting	Launch ceremony	One off at start of construction	Coordinate launch activities and message with provincial departments	Communication Officer/ Programme manager	6.1 Clash of dates and non-availability of key stakeholders (MEC's, HOD & PIA CEO). Confirm suitable date 6.2 Ceremony poorly organized and poorly run - plan and management thoroughly	This is a planned disbursement to be included in the approved project cost plan (covers IA costs only)
7. Regional /District Handovers	Local community and public at large	Government is delivering and providing for the people and families/learners are benefiting	Handover ceremony within each region x 3	Staggered through the year	Coordinate handover ceremony activities and message with provincial departments	Communication Officer/ Programme manager	7.1 Projects not completed on time or poor quality - select appropriate projects 7.2 Clash of dates and non-availability of key stakeholders. Confirm suitable date 7.3 Ceremony poorly organized and poorly run - plan and management thoroughly	This is a planned disbursement to be included in the approved project cost plan (covers IA costs only)
8. Radio Talk Shows	Local community and public at large	Government is delivering and providing for the people and families/learners are benefiting	Radio talk show/interviews	Every 3 months	Set up radio talk show dates and interviewee and message	Communication Officer/ Programme manager	8.1 Poor communication without adequate impressive facts - ensure right people are interviewed	N/A. However, a separate proposal and quotation can be submitted, if required

Communication Element/Major Events - what are the communication projects/activities and major events planned for the year and key dates for specific communications	Target Audiences - who are the target audiences whom we are communicating with	Message - what message do we want to communicate to each target audience	Medium - what medium/s should be used to communicate the message e.g. news print, advertorials, road shows, etc.	Frequency - how often should we communicate with the target audience e.g. monthly, quarterly ad hoc etc.	Action Plan - what actions are required to achieve the communications with each target audience	Responsibility - who is responsible for the communications with the various target groups	Risk Assessment - what are the risks involved, how can the risks be minimized and what are the Key Success Factors	Communication Costs - what is the cost of the communications with each target audience and for the major events
9. Advertorials	Local community and public at large	Government is delivering and providing for the people and families/learners are benefiting	Advertorials in local newspapers	Dependent on project period	<ul style="list-style-type: none"> o Prepare advertorial • Negotiate and place advertorials • Monitor impact 	Communication Officer/ Programme manager	9.1 Poor communication information without adequate impressive facts 9.2 Ensure correct information and message content achieved	N/A. However, a separate proposal and quotation can be submitted, if required



24. APPENDIX J: FINANCIAL PLANS (BUDGET)

The budget for the 2011/12 and 2012/13 financial year are based on the projects that were provided with the IPIP document. The budgets used are also those quoted from that document, and have not been verified or evaluated. The budget is as follows;

No.	Budget Item	FY 2012/13 (Priority One)		FY2012/13 (Priority Two)		Summary for 12/13 FY	
		No. of Projects	Budget (Rands)	No. of Projects	Budget (Rands)	No. of Projects	Budget (Rands)
1	Capricorn-DM-Water	1	409 066.45	9	3 163 843.32	10	3 572 909.76
2	Mopani-DM-Water	1	409 066.45	12	4 218 457.76	13	4 627 524.20
3	Sekhukhune-DM-Water	15	6 135 996.70	20	7 030 762.93	35	13 166 759.63
4	Vhembe-DM-Water	7	2 863 465.13	12	4 218 457.76	19	7 081 922.88
5	Waterberg-DM-Water	-	-	-	-	-	-
Sub-Total Water Projects		24	9 817 594.72	53	18 631 521.76	77	28 449 116.48
6	Capricorn-DM-Sanitation	10	12 420 505.93	-	-	10	12 420 505.93
7	Mopani-DM-Sanitation	10	10 233 528.59	-	-	10	10 233 528.59
8	Sekhukhune-DM-Sanitation	10	9 755 127.29	-	-	10	9 755 127.29
9	Vhembe-DM-Sanitation	4	4 066 074.22	-	-	4	4 066 074.22
10	Waterberg-DM-Sanitation	3	3 767 157.60	-	-	3	3 767 157.60
Sub-Total Sanitation Projects		37	40 242 393.63	-	-	37	40 242 393.63
Total (Water & Sanitation)		61	50 059 988.35	53	18 631 521.76	114	68 691 510.11

25. CONCLUSION

The Infrastructure Programme Implementation Plan (IPIP) has been prepared well taking into account experience accomplished during implementing previous phases of these programmes, particularly, the school sanitation programme (programme was implemented through DWA at the time). With the adoption of further tools from the LPDoE, the investment on this programme will bear more returns and value to the poor schools, and subsequent better conditions for quality education.



Annexures

Annexure 1: Project List and Budget for FY2012/13

Annexure 2: Programme Schedule

Annexure 3: Sanitation Drawings

Annexure 4: Water Supply Drawings

Annexure 5: Memorandum of Agreement





Annexures

Annexure 1



Programme Budget for FY2012/13

Annexure 2



Programme Schedule



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

ID	Task Name	Duration	F	M	A	J
1	PLANNING	48 da				
2	Completion of List of Schools	10 da				
3	Make appointments with school authorities	5 da				
4	Assessment of infrastructure at each school	20 da				
5	Needs analysis referring to Norms and Standards	5 da				
6	Costing and packaging budgets	5 da				
7	Develop or Review the IPIP Referring to the IPMP	2 da				
8	Package, and submit IPIP for Approval	1 d				
9	CONSTRUCTION ACTIVITIES	155 da				
10	WATER SUB-PROGRAMME	86 da				
11	Site Handover to contractor at the target School	7 da				
12	Site-establishment	5 da				
13	Surveying and borehole siting	5 da				
14	Drilling and blow pump testing	10 da				
15	Yield tests	5 da				
16	Water sampling and quality testing	5 da				
17	Equipping of successful boreholes	5 da				
18	Connection to community supply for unsuccessful boreholes	10 da				
19	Installation of supply and discharge pipework	5 da				
20	Installation of Tank and Stand	3 da				
21	Connection of electricity	2 da				
22	Installation of telemetry	3 da				
23	Installation of stand pipes with taps and civil works	5 da				
24	System testing	5 da				
25	Practical Completion	10 da				
26	Compilation of Reports (OHS, GHD and Engineer's Close-out report)	10 da				
27	Retention Inspections	7 da				
28	Final Completion Inspection and Handover	7 da				
29	SANITATION SUB-PROGRAMME	155 da				
30	Site Handover to contractor at the target School	7 da				
31	Site-establishment	5 da				
32	Equipment, Materials and Labour Mobilisation	5 da				
33	Setting-out	5 da				
34	Pit digging	5 da				
35	Pit lining	5 da				
36	Construction of walls	10 da				
37	Installation of Enviro-loo units	3 da				
38	Installation of toilet pans and other fittings	5 da				
39	Filing the roof, roofing sheets and windows	10 da				
40	Installation of handwash basins	4 da				
41	Installation of urinals	2 da				
42	System testing and final finishing including painting	2 da				
43	Removal of construction debris	1 d				
44	Practical Completion and First handover	7 da				
45	Compilation of Reports (OHS and Engineer's Close-out report)	10 da				
46	Retention Inspections	7 da				
47	Final Completion Inspection and Final Handover	7 da				
48	COMPLIMENTARY ACTIVITIES	24 da				
49	Health and Hygiene Education	20 da				
50	User Education (Operation and Maintenance Training)	20 da				
51	Occupational Health and Safety Inspections	20 da				
52	PROJECT MANAGEMENT ACTIVITIES	269 da				
53	FINANCIAL MANAGEMENT	165 da				
54	Budgeting and budget alignment	2 da				
55	Cost control	120 da				
56	Process service provider claims	120 da				
57	Prepare, package and submit IA Claims to Client (DBE)	120 da				
58	Making payments to service Providers	120 da				
59	MONITORING AND EVALUATION OF FIELD ACTIVITIES	120 da				
60	Inspection visits to project sites	120 da				
61	Preparing site inspection reports	120 da				
62	Evaluating physical progress against timelines and expenditure	120 da				
63	REPORTING	214 da				
64	Preparation of progress reports by project managers	66 da				
69	Progress review meetings with project managers	81 da				
79	Preparation of progress reports by Implementing Agent	197 da				
90	Progress review meetings between Implementing Agent and Client	197 da				
101	PROJECT CLOSURE	18 da				
102	Package all project reports	15 da				
103	Prepare close-out report with financial report	5 da				

Project: ACCELERATED SCHOOL IN
Date: Fri 12/10/18

Task

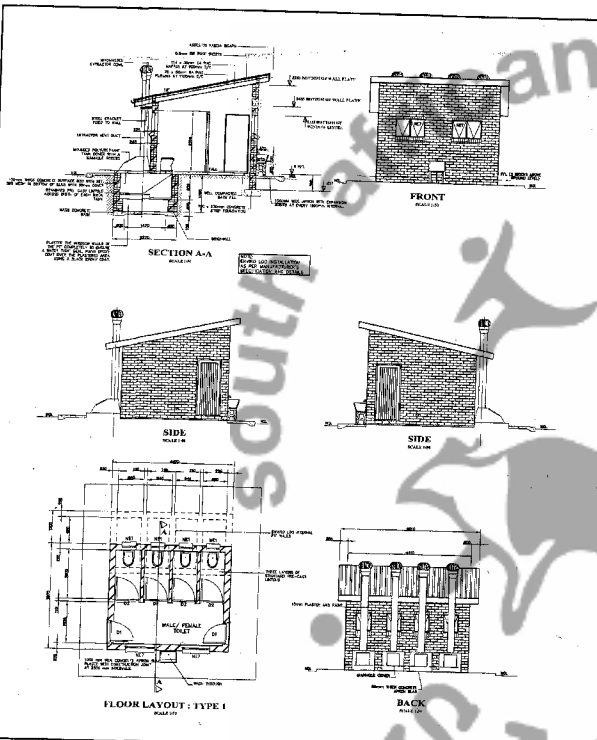
Split

Deadline

Annexure 3



Sanitation Drawings



WINDY WINDOW		WOOD WINDOW	
WINDY WINDOW	WINDY WINDOW	WOOD WINDOW	WOOD WINDOW
MATERIALS:	MATERIALS:	MATERIALS:	MATERIALS:
WINDY WINDOW	WINDY WINDOW	WOOD WINDOW	WOOD WINDOW
WINDY WINDOW	WINDY WINDOW	WOOD WINDOW	WOOD WINDOW

DOOR SCHEDULE		DOOR SCHEDULE	
DOOR SCHEDULE	DOOR SCHEDULE	DOOR SCHEDULE	DOOR SCHEDULE
MATERIALS:	MATERIALS:	MATERIALS:	MATERIALS:
DOOR SCHEDULE	DOOR SCHEDULE	DOOR SCHEDULE	DOOR SCHEDULE
DOOR SCHEDULE	DOOR SCHEDULE	DOOR SCHEDULE	DOOR SCHEDULE

GENERAL NOTES:

1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS AND BY-LAWS OF 1978.
2. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS FROM THE LOCAL AUTHORITY BEFORE COMMENCING WORK.
3. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS FROM THE LOCAL AUTHORITY BEFORE COMMENCING WORK.

Notes and Specifications:

Substructure

1. All foundations to be cast in situ concrete.
2. All foundations to be cast in situ concrete.
3. All foundations to be cast in situ concrete.
4. All foundations to be cast in situ concrete.

Structure

1. All walls to be 200mm brickwork.
2. All walls to be 200mm brickwork.
3. All walls to be 200mm brickwork.
4. All walls to be 200mm brickwork.

DATE	BY	FOR
10/10/2012	GM	October 2012
10/10/2012	IS	October 2012
10/10/2012	GM	October 2012

DEPT OF BASIC EDUCATION

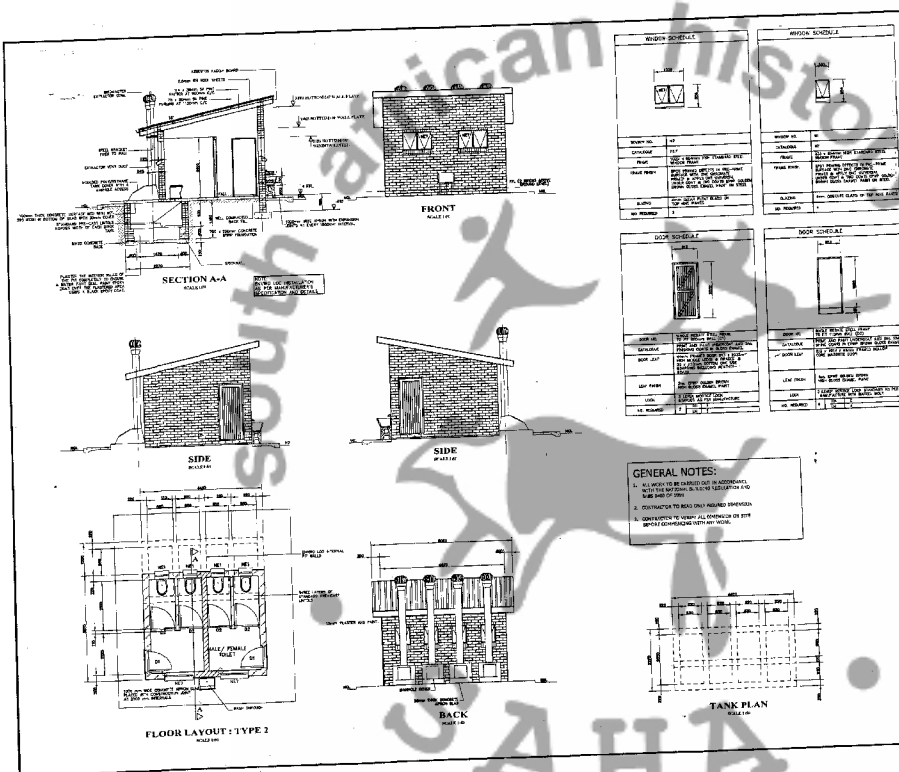
MVULA TRUST
9A LANDROS MARE STR
POLOKWANE
0699

SCHOOLS SANITATION PROGRAMME FOR LIMPOPO PROVINCE

THEI
(Four seats standard block)

MT-SP-1213-701

SAHA



WINDOW SCHEDULE		WINDOW SCHEDULE	
NO.	DESCRIPTION	NO.	DESCRIPTION
1	1.000 x 1.500	2	1.000 x 1.500
2	1.000 x 1.500	3	1.000 x 1.500
3	1.000 x 1.500	4	1.000 x 1.500
4	1.000 x 1.500	5	1.000 x 1.500
5	1.000 x 1.500	6	1.000 x 1.500
6	1.000 x 1.500	7	1.000 x 1.500
7	1.000 x 1.500	8	1.000 x 1.500
8	1.000 x 1.500	9	1.000 x 1.500
9	1.000 x 1.500	10	1.000 x 1.500

DOOR SCHEDULE		DOOR SCHEDULE	
NO.	DESCRIPTION	NO.	DESCRIPTION
1	1.000 x 1.500	2	1.000 x 1.500
2	1.000 x 1.500	3	1.000 x 1.500
3	1.000 x 1.500	4	1.000 x 1.500
4	1.000 x 1.500	5	1.000 x 1.500
5	1.000 x 1.500	6	1.000 x 1.500
6	1.000 x 1.500	7	1.000 x 1.500
7	1.000 x 1.500	8	1.000 x 1.500
8	1.000 x 1.500	9	1.000 x 1.500
9	1.000 x 1.500	10	1.000 x 1.500

GENERAL NOTES:

1. ALL WORK TO BE ACCORDING TO SPECIFICATIONS AND CODES OF PRACTICE.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORK.

Notes and Specifications:

Structures:

1. Use concrete specified for the grade of work.
2. All brick work must be of full brick and finished off and pointed with a good mortar.
3. All masonry to be in bond.
4. All masonry to be finished with a good mortar.
5. All masonry to be finished with a good mortar.
6. All masonry to be finished with a good mortar.
7. All masonry to be finished with a good mortar.
8. All masonry to be finished with a good mortar.
9. All masonry to be finished with a good mortar.
10. All masonry to be finished with a good mortar.

Roofing:

1. Concrete strength of 20 N/mm².
2. All concrete to be finished with a good mortar.
3. All concrete to be finished with a good mortar.
4. All concrete to be finished with a good mortar.
5. All concrete to be finished with a good mortar.
6. All concrete to be finished with a good mortar.
7. All concrete to be finished with a good mortar.
8. All concrete to be finished with a good mortar.
9. All concrete to be finished with a good mortar.
10. All concrete to be finished with a good mortar.

Other:

1. All work to be finished with a good mortar.
2. All work to be finished with a good mortar.
3. All work to be finished with a good mortar.
4. All work to be finished with a good mortar.
5. All work to be finished with a good mortar.
6. All work to be finished with a good mortar.
7. All work to be finished with a good mortar.
8. All work to be finished with a good mortar.
9. All work to be finished with a good mortar.
10. All work to be finished with a good mortar.

NO.	REVISION	DATE
1	AS	October 2012
2	LS	October 2012
3	GM	October 2012

DEPT OF BASIC EDUCATION

MVULA TRUST

9A LANDROS MAKE STR POLONWANE

SCHOOLS SANITATION PROGRAMME FOR LIMPOPO PROVINCE

TYPE 1

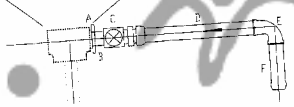
(Four seats half partition)

MT-SSP-1213-T02

african history

REF	NO	DESCRIPTION	TREATMENT				QTY
			WELD	FLANGE DRILLING	GALVANIZING	EPDM RESIN PAINT	
A	65x40	COVER NO. NOT REQUIRING BUSH	-	-	-	-	100
B	65x40	WEL SHARPEE NIPPLE	-	-	-	-	100
C	50	BRASS FEMALE THREADED FULLWAY GATE VALVE	45	-	-	-	100
D	50	200mm LONG M60 PIPE FUSE THREADED BOTH ENDS	-	-	-	-	100
E	50	90° BEND M60 FEMALE BEND	-	-	-	-	100
F	50	MALE QUICK COUPLING ADAPTOR	-	-	-	-	100
G	50	M60 HOLLOW PLUG	-	-	-	-	100

EXISTING 65MM M60 HOLLOW PLUG
TO BE REMOVED. NEW FITTINGS
INSTALL. AND AFTER DISCREPANTION
FITTINGS B, C AND F ARE TO BE
AND NEW FITTING D
TO BE FITTED DRIVING/STRAIN SIDE OF
FULLWAY GATE VALVE



ELEVATION
SCALE: 1:100

NOTES AND SPECIFICATIONS

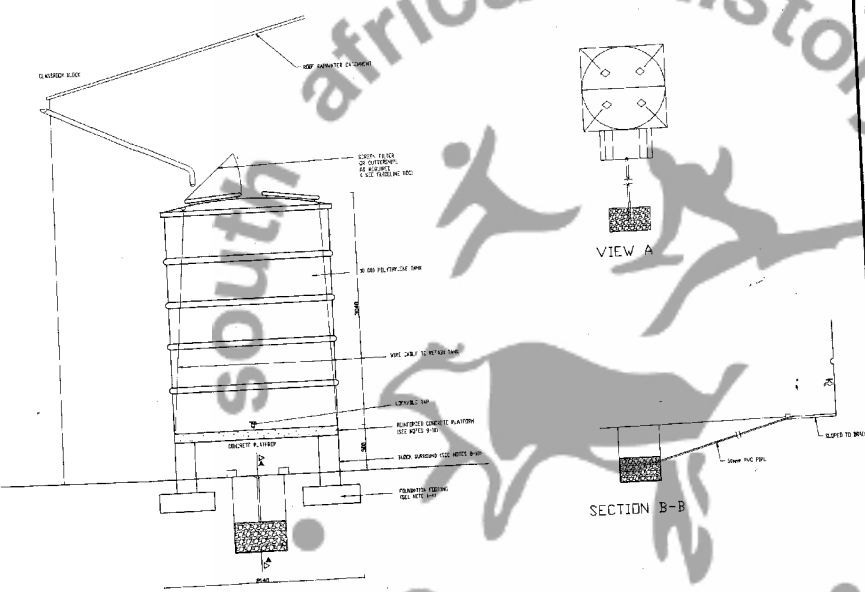
- GENERAL NOTES
 - 1.1 REVISIONS OF ALL BILLS SHALL BE DETERMINED AND APPROVED ON SITE BY THE ENGINEER PRIOR TO COMMENCEMENT.
 - 1.2 RATE BEARING CAPACITY OF GRAING 200 kPa.
- CONCRETE
 - 2.1 PRECASTED AND 15% IN REINFORCING LAYERS.
 - 2.2 PRECASTED AND 15% IN COLUMN BARS.
- STRUCTURAL STEELWORK
 - 3.1 ALL STRUCTURAL STEELWORK SHALL BE SUPPLIED TO THE WORKSHOP BY THE CONTRACTOR.
 - 3.2 STEELWORK SHALL BE WELDED CONNECTIONS WHO TO WELD.
 - 3.3 STEELWORK SHALL BE WELDED CONNECTIONS WHO TO WELD.
 - 3.4 STEELWORK SHALL BE WELDED CONNECTIONS WHO TO WELD.
 - 3.5 STEELWORK SHALL BE WELDED CONNECTIONS WHO TO WELD.
 - 3.6 STEELWORK SHALL BE WELDED CONNECTIONS WHO TO WELD.
 - 3.7 STEELWORK SHALL BE WELDED CONNECTIONS WHO TO WELD.
 - 3.8 STEELWORK SHALL BE WELDED CONNECTIONS WHO TO WELD.
 - 3.9 STEELWORK SHALL BE WELDED CONNECTIONS WHO TO WELD.
 - 3.10 STEELWORK SHALL BE WELDED CONNECTIONS WHO TO WELD.
- PAINTING AND FINISHES
 - 4.1 ALL STEELWORK SHALL BE PAINTED WITH AN EPOXY RESIN PAINT.
 - 4.2 ALL STEELWORK SHALL BE PAINTED WITH AN EPOXY RESIN PAINT.
 - 4.3 ALL STEELWORK SHALL BE PAINTED WITH AN EPOXY RESIN PAINT.
 - 4.4 ALL STEELWORK SHALL BE PAINTED WITH AN EPOXY RESIN PAINT.
 - 4.5 ALL STEELWORK SHALL BE PAINTED WITH AN EPOXY RESIN PAINT.
 - 4.6 ALL STEELWORK SHALL BE PAINTED WITH AN EPOXY RESIN PAINT.
 - 4.7 ALL STEELWORK SHALL BE PAINTED WITH AN EPOXY RESIN PAINT.
 - 4.8 ALL STEELWORK SHALL BE PAINTED WITH AN EPOXY RESIN PAINT.
 - 4.9 ALL STEELWORK SHALL BE PAINTED WITH AN EPOXY RESIN PAINT.
 - 4.10 ALL STEELWORK SHALL BE PAINTED WITH AN EPOXY RESIN PAINT.

DATE	DESCRIPTION	BY	CHECKED
10/10/2012	ISSUED FOR TENDER	GM	GM
10/10/2012	REVISED	GM	GM
10/10/2012	REVISED	GM	GM

DEPT OF BASIC EDUCATION
MVELA TRUST
SA LANDROS MARE STR
FOLOKWANE
8600

WATER SUPPLY PROGRAMME
FOR LIMPOPO PROVINCE
TEMPORARY ELEVATED TANK
FILLING INSTALLATION
MT-WSR-1213-19

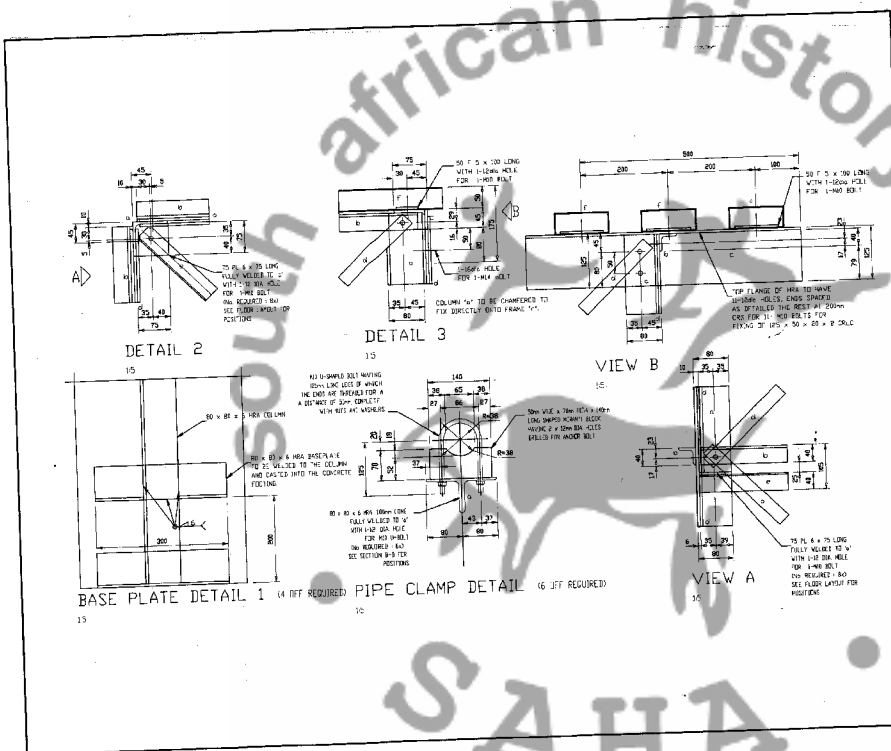
S'AHHA



- NOTES AND SPECIFICATION**
1. INVESTIGATE SOIL AND GROUND CONDITIONS AND CONSTRUCT PLATFORM TO SUIT CONDITIONS
 2. ELEVATE FOOTING ON SOLID UNDISTURBED GROUND
 3. REMOVE TOPSOIL AND FRESHEN SURFACE TO A MINIMUM DEPTH OF 300mm BELOW BASE OF TOPSOIL
 4. FOOTING TO BE AT LEAST 800mm WIDE x 200mm DEEP
 5. FORM RACE CONCRETE BLOCK SURROUNDING OF 4" BLOCKS (400mm x 200mm x 200mm EACH BLOCK) TO HEIGHT ABOVE GROUND AT LEAST 800mm
 6. FILL CONCRETE BLOCKS WITH CONCRETE
 7. RACE BLOCK SURROUNDING TO BE FILLED WITH APPROPRIATE WOUND PACKED BACKFILL MATERIAL (NOT TOPSOIL)
 8. 100mm WIDE REINFORCED CONCRETE SLAB TO BE CAST STRADDLING BLOCK SURROUNDING
 9. FORMANCE WITH 100mm WIDE SLAB AT 50mm DEPTH
 10. PLATFORM DESIGNED TO FIT SELECTED TANK

DATE	ISSUED	REVISED	BY
DATE	ISSUED	REVISED	BY
DATE	ISSUED	REVISED	BY
DEPT OF BASIC EDUCATION			
MVULA TRUST		MVULA TRUST	
SA LANDROU'S HARE STR		SA LANDROU'S HARE STR	
POLOKWANE		POLOKWANE	
WATER SUPPLY PROGRAMME FOR LIMPOPO PROVINCE			
DRINKING WATER RAIN WATER STORAGE			
MT-WSP-1213-21			NTS

South african history
arch
SAHA



Notes and Specifications

Author	Checked	Approved	Issue No.
GMS			October 2012
GN			October 2012
GM			October 2012

DEPT OF BASIC EDUCATION

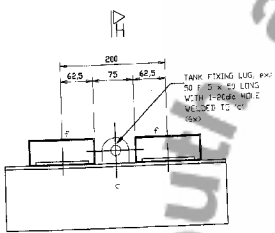
MVULA TRUST
 94 LAUNDERS MARE STR
 FOLKSWANE
 0099

WATER SUPPLY PROGRAMME
 FOR LIMPOPO PROVINCE

30 HIGH ELEVATION TANK STAND
 CONNECTION DETAILS

MT-WSP-1213-11

SAHA



ELEVATION
15 13

SECTION H-H
15

TYPICAL LUG DETAIL (6x)

QUANTITIES FOR SINGLE TANK STAND			
ITEM	DESCRIPTION	LENGTH	NO. OF
BASE PLATE	80 x 80 x 6 HRA	3000	4
COLUMN	80 x 80 x 6 HRA	4000	4
STRUT	40 x 40 x 6 HRA	1500	10
WOOD BEAM	125 x 75 x 10 HRA	2200	2
FLOOR MEMBER	125 x 50 x 2 ORC	2700	11
VERT BRACING	30 x 5 F	2500	12
DIAG BRACING	30 x 5 F	2500	4
PIPE CLAMP	40 x 40 x 3 HRA	2500	4
FIXING PLATE	80 x 80 x 6 HRA	1500	6
ROD	16 UNFINISHED BOLT	1450	6
	75 % x 75 LONG	2700	4
	NO. 20 GALV	5500	1.4

SECTION H-H
15

LEGEND	
0	80 x 80 x 6 HRA (458/M \$)
1	40 x 40 x 6 HRA (458/M \$)
2	125 x 75 x 10 HRA (458/M \$)
3	30 x 5 F (258/M \$)
4	40 x 40 x 3 HRA (258/M \$)
5	125 x 50 x 2 ORC

NOTE	
HRA	= HOT ROLLED ANGLE
F	= FLAT BAR
ORC	= GALV ROLLED LIPPED CHANNEL
B/B	= BACK TO BACK (SEE 00-000)
B/M	= BACK MARK
\$	= UNLESS OTHERWISE SHOWN

BOLT DETAIL
15

15

NOTES AND SPECIFICATION

- FOUNDATION
 - 1.1 DEPTH OF ALL BASES SHALL BE DETERMINED AND APPROVED ON SITE BY THE ENGINEER PRIOR TO CONSTRUCTION.
 - 1.2 SOIL BEARING CAPACITY OF GROUND 200 kPa.
- CONCRETE
 - 2.1 REINFORCING BARS TO BE BLASTED LAYER.
 - 2.2 REINFORCING BARS 20/19 IN COLUMN BASES.
- STRUCTURAL STEELWORK
 - 3.1 ALL STRUCTURAL STEELWORK GRADE 300W/ACCORDING TO SABS 1016.
 - 3.2 CONNECTIONS GENERALLY OF WELDED CONSTRUCTION WITH BUTT JOINTS TO BE FULL PENETRATION JOINTS. ALL WELDS TO BE IN FULL PENETRATION JOINTS. ALL WELDS TO BE FULL PENETRATION JOINTS. ALL WELDS TO BE FULL PENETRATION JOINTS.
 - 3.3 ALL STEELWORK SHALL BE SUPPLIED FABRICATED TO SPECIFICATIONS ENCLOSED IN ACCORDANCE WITH SECTION 10 AND 11. ALL STEELWORK SHALL BE FULL PENETRATION JOINTS.
 - 3.4 ALL WELDS SHALL BE FULL PENETRATION JOINTS.
- CONSTRUCTION PRESCRIPTION
 - 4.1 CONTRACTOR IN WORKSHOP SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL SURFACES OF STEELWORK PRIOR TO DELIVERY TO SITE. ALL SURFACES SHALL BE PROTECTED BY AN INERT COATING OF MINIMUM THICKNESS OF 100 MICROMETRES. ALL SURFACES SHALL BE PROTECTED BY AN INERT COATING OF MINIMUM THICKNESS OF 100 MICROMETRES.
 - 4.2 ALL SURFACES SHALL BE PROTECTED BY AN INERT COATING OF MINIMUM THICKNESS OF 100 MICROMETRES.
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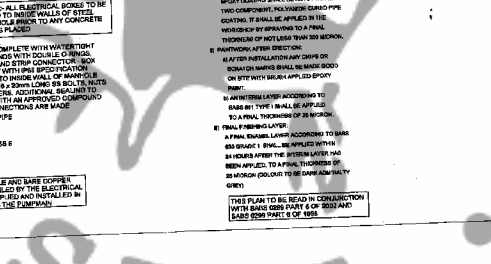
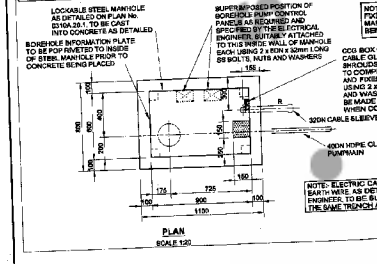
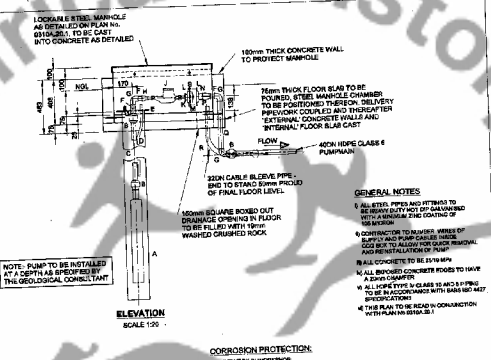
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WATER SUPPLY PROGRAMME
FOR LIMPOPO PROVINCE

SETHOBI MANTYAYO TANK STAND
GENERAL DETAILS

MT-WSP-1213-12

REF	NO.	DESCRIPTION	UNIT	QUANTITY
A	10	180MM THICK CONCRETE WALL TO PROTECT MANHOLE	M ²	1.50
B	10	TRUCK FLOOR SLAB TO BE PAVED, STEEL MANHOLE CHAMBER TO BE FURNISHED IN SITU, DELIVERY PIPEWORK COUPLED AND THEREAFTER EXTERNAL CONCRETE FLOOR AND INTERNAL FLOOR SLAB CAST	M ²	1.50
C	10	40MM HOPE CLASS 6 PUMP MAIN	M	1.50
D	10	250MM CABLE BELIEVE PIPE, 800 TO STAND BENEATH LEVEL OF FINAL FLOOR LEVEL	M	1.50
E	10	150MM SQUARE BORED OUT DRAINAGE OPENING IN FLOOR TO BE FILLED WITH WASHED GRAVELLED ROCK	M ²	1.50
F	10	300KVA ELECTRICAL BOX	NO.	1
G	10	300KVA ELECTRICAL BOX	NO.	1
H	10	300KVA ELECTRICAL BOX	NO.	1
I	10	300KVA ELECTRICAL BOX	NO.	1
J	10	300KVA ELECTRICAL BOX	NO.	1
K	10	300KVA ELECTRICAL BOX	NO.	1
L	10	300KVA ELECTRICAL BOX	NO.	1
M	10	300KVA ELECTRICAL BOX	NO.	1
N	10	300KVA ELECTRICAL BOX	NO.	1
O	10	300KVA ELECTRICAL BOX	NO.	1
P	10	300KVA ELECTRICAL BOX	NO.	1
Q	10	300KVA ELECTRICAL BOX	NO.	1
R	10	300KVA ELECTRICAL BOX	NO.	1
S	10	300KVA ELECTRICAL BOX	NO.	1
T	10	300KVA ELECTRICAL BOX	NO.	1
U	10	300KVA ELECTRICAL BOX	NO.	1
V	10	300KVA ELECTRICAL BOX	NO.	1
W	10	300KVA ELECTRICAL BOX	NO.	1
X	10	300KVA ELECTRICAL BOX	NO.	1
Y	10	300KVA ELECTRICAL BOX	NO.	1
Z	10	300KVA ELECTRICAL BOX	NO.	1



NOTES AND SPECIFICATIONS:

- FOUNDATIONS:
 - 1.1 DEPTH OF ALL BAYS SHALL BE DETERMINED AND APPROVED ON SITE BY THE ENGINEER PRIOR TO CONSTRUCTION.
 - 1.2 SOLE BEARING CAPACITY OF EXISTING 200 MPa.
- CONCRETE:
 - 2.1 PREPARED MIX TO BE IN PLACING LAYER.
 - 2.2 PREPARED MIX TO BE IN PLACING LAYER.
- STRUCTURAL STEELWORK:
 - 3.1 ALL STRUCTURAL STEELWORK SHALL BE ACCORDING TO SABS 1018.
 - 3.2 ALL STEELWORK SHALL BE WELDED, FINISHED TO BE WELDED, AND FINISHED IN ACCORDANCE WITH SABS 1018.
 - 3.3 ALL STEELWORK SHALL BE WELDED, FINISHED TO BE WELDED, AND FINISHED IN ACCORDANCE WITH SABS 1018.
- GENERAL NOTES:
 - 4.1 ALL STEEL PIPES AND FITTINGS TO BE WELDED TO THE MANHOLE CHAMBER.
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MVULA TRUST

9A LANDROPS MARK STR FOLKSWANE 0099

WATER SUPPLY PROGRAMME FOR LIMPOPO PROVINCE

LOCALLY FABRICATED STEEL MANHOLE FOR SUBMERSIBLE PUMP DETAIL

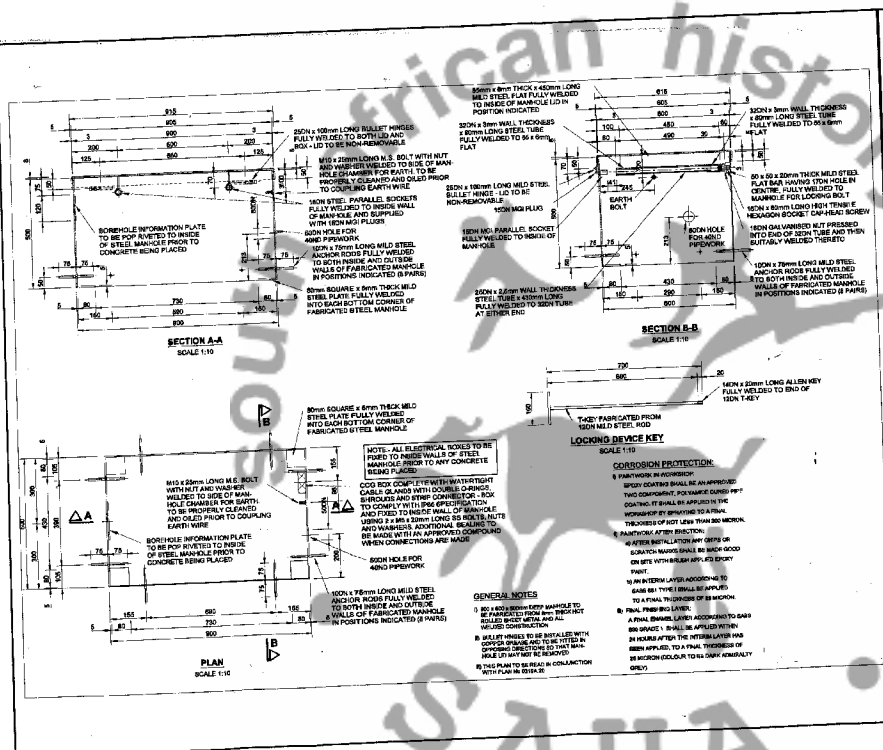
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DATE: 10/10/2012

BY: [Signature]

CHKD: [Signature]

APPROVED: [Signature]



NOTES AND SPECIFICATIONS

1. FOUNDATIONS
2. CONCRETE
3. STEELWORK
4. MANHOLE CHAMBER
5. CORRUGATED STEEL MANHOLE
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Checked by	GM	October 2012
Drawn by	GM	October 2012
Reviewed by	GM	October 2012

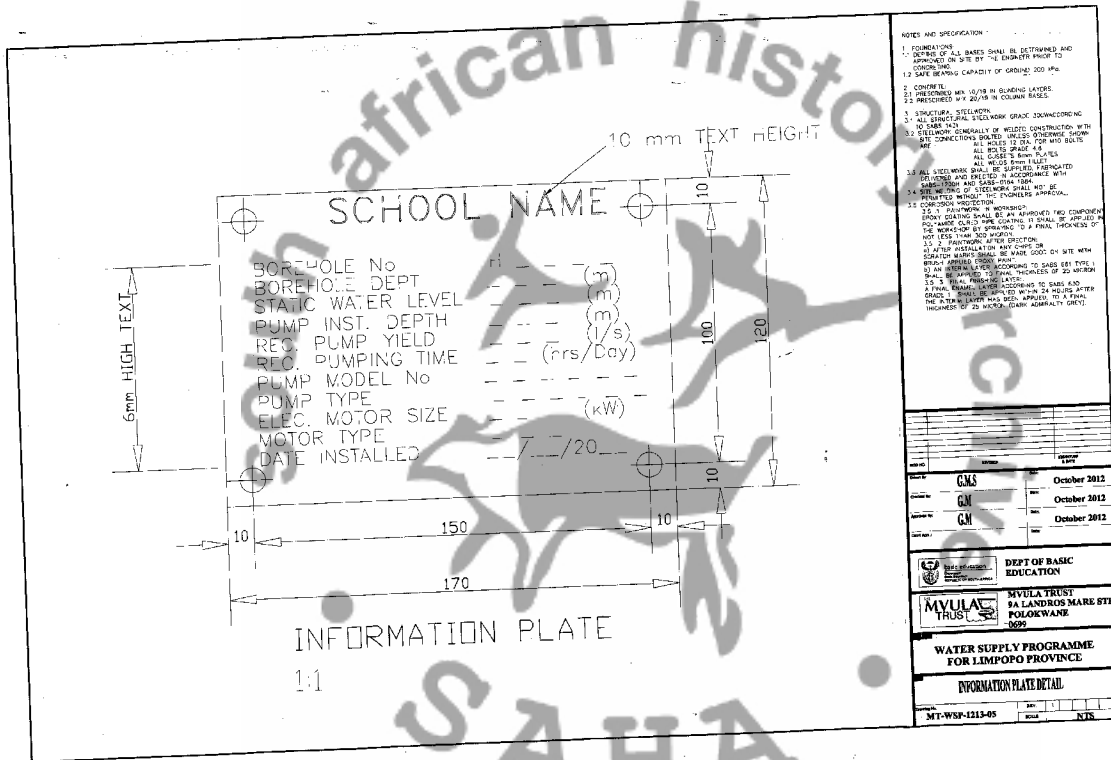
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**WATER SUPPLY PROGRAMME
 FOR LIMPOPO PROVINCE**

**LOCKABLE FABRICATED STEEL MANHOLE
 FOR SUBMERSIBLE PUMP**

MT-WSP-1113-01



NOTES AND SPECIFICATION

1. FOUNDATIONS
2. CONCRETE
3. STRUCTURAL STEELWORK
4. STEELWORK
5. PIPEWORK
6. ELECTRICAL
7. PAINTS
8. FINISHES
9. GENERAL

NAME	
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DATE	October 2012
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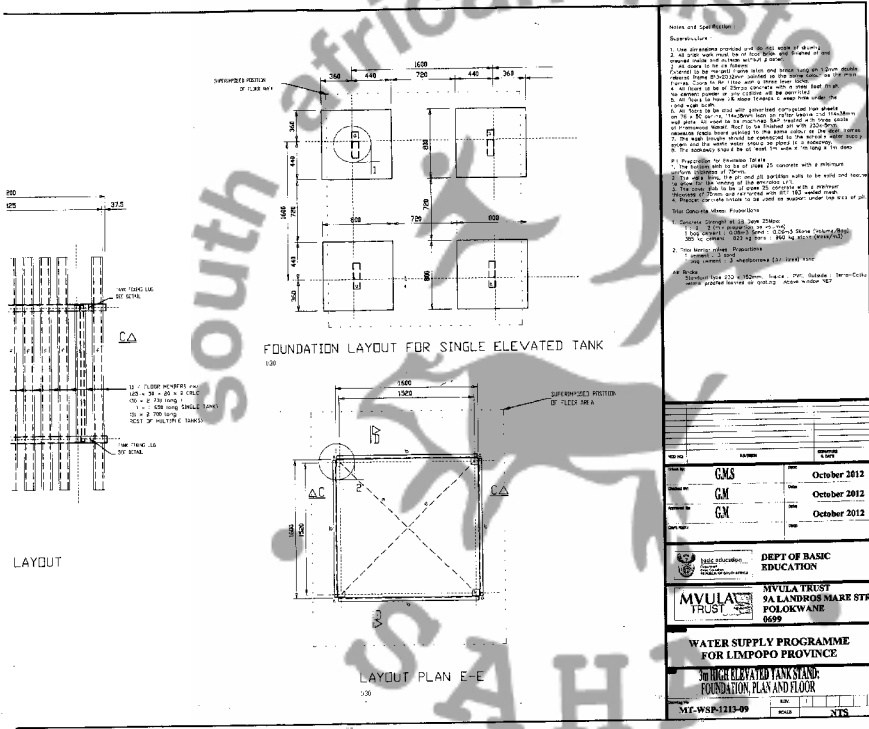
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 0899

WATER SUPPLY PROGRAMME
 FOR LIMPOPO PROVINCE

INFORMATION PLATE DETAIL

MT-WSP-1211-05



Notes and Specifications

Superstructure

1. The superstructure shall be in accordance with the drawings and specifications.
2. All work shall be done in accordance with the drawings and specifications.
3. The contractor shall be responsible for the design and construction of the superstructure.
4. The contractor shall be responsible for the design and construction of the superstructure.
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9. The contractor shall be responsible for the design and construction of the superstructure.
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Foundation

1. The foundation shall be in accordance with the drawings and specifications.
2. The foundation shall be in accordance with the drawings and specifications.
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10. The foundation shall be in accordance with the drawings and specifications.

General

1. The contractor shall be responsible for the design and construction of the superstructure.
2. The contractor shall be responsible for the design and construction of the superstructure.
3. The contractor shall be responsible for the design and construction of the superstructure.
4. The contractor shall be responsible for the design and construction of the superstructure.
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8. The contractor shall be responsible for the design and construction of the superstructure.
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10. The contractor shall be responsible for the design and construction of the superstructure.

Materials

1. The contractor shall be responsible for the design and construction of the superstructure.
2. The contractor shall be responsible for the design and construction of the superstructure.
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Construction

1. The contractor shall be responsible for the design and construction of the superstructure.
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1	AS SHOWN	01/2012
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NO.	REVISION	DATE
1	AS SHOWN	01/2012
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DEPT OF BASIC EDUCATION

MVULA TRUST
 9A LANDROS MARE STR
 FOLKWAARD
 6099

WATER SUPPLY PROGRAMME FOR LIMPOPO PROVINCE
 SINGLE ELEVATED TANK SANS FOUNDATION, PLAN AND FLOOR
 MT-WSP/1113-09

NO.	REVISION	DATE
1	AS SHOWN	01/2012
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3	AS SHOWN	01/2012

Annexure 4

Water Supply Drawings



SECTION A-A
Elevation showing structural details of the toilet structure, including the roof, walls, and floor levels.

FRONT ELEVATION
Front view of the toilet structure showing the entrance and roof profile.

SIDE ELEVATION
Side view of the toilet structure showing the profile of the roof and the side wall.

BACK ELEVATION
Back view of the toilet structure showing the rear wall and roof profile.

FLOOR LAYOUT - TYPE 1
Detailed floor plan showing the internal layout of the toilet, including the toilet pan, water tank, and ventilation system.

TANK PLAN
Plan view of the water tank, showing its dimensions and internal structure.

GENERAL NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND LEVELS BEFORE COMMENCING WORK.

VIEW SCHEDULE

VIEW NO.	DESCRIPTION
1	FRONT ELEVATION
2	BACK ELEVATION
3	SIDE ELEVATION
4	SECTION A-A

WINDOW SCHEDULE

WINDOW NO.	DESCRIPTION
1	FRONT WINDOW
2	BACK WINDOW
3	SIDE WINDOW

DOOR SCHEDULE

DOOR NO.	DESCRIPTION
1	FRONT DOOR
2	BACK DOOR
3	SIDE DOOR

Notes and Specifications:

- Use concrete for foundation and all walls up to 1.2m height.
- Use brickwork for walls above 1.2m height.
- Use 10mm diameter steel reinforcement bars.
- Use 12mm diameter steel reinforcement bars.
- Use 15mm diameter steel reinforcement bars.
- Use 20mm diameter steel reinforcement bars.
- Use 25mm diameter steel reinforcement bars.
- Use 30mm diameter steel reinforcement bars.
- Use 35mm diameter steel reinforcement bars.
- Use 40mm diameter steel reinforcement bars.
- Use 45mm diameter steel reinforcement bars.
- Use 50mm diameter steel reinforcement bars.
- Use 55mm diameter steel reinforcement bars.
- Use 60mm diameter steel reinforcement bars.
- Use 65mm diameter steel reinforcement bars.
- Use 70mm diameter steel reinforcement bars.
- Use 75mm diameter steel reinforcement bars.
- Use 80mm diameter steel reinforcement bars.
- Use 85mm diameter steel reinforcement bars.
- Use 90mm diameter steel reinforcement bars.
- Use 95mm diameter steel reinforcement bars.
- Use 100mm diameter steel reinforcement bars.

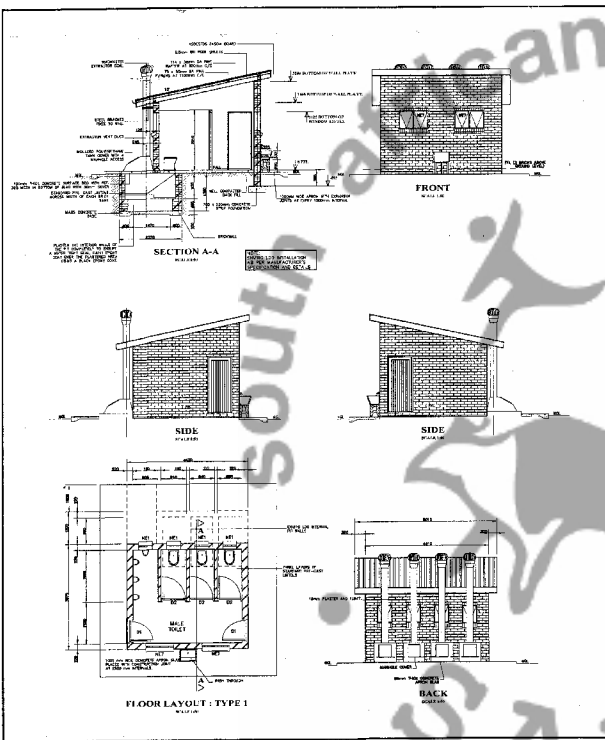
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3A LANDROS MARE STR
BEOUWANE

SCHOOLS SANITATION PROGRAMME FOR LIMPOPO PROVINCE

TYPE 1
(Two seats and sign upright)

MT-SP-1113-UT2



WINDOW SCHEDULE

NO.	DESCRIPTION	NO.	DESCRIPTION
1	2000 x 1500	2	1500 x 1500
3	1500 x 1500	4	1500 x 1500
5	1500 x 1500	6	1500 x 1500

WINDOW SCHEDULE

NO.	DESCRIPTION	NO.	DESCRIPTION
1	2000 x 1500	2	1500 x 1500
3	1500 x 1500	4	1500 x 1500
5	1500 x 1500	6	1500 x 1500

DOOR SCHEDULE

NO.	DESCRIPTION	NO.	DESCRIPTION
1	2000 x 1000	2	1500 x 1000
3	1500 x 1000	4	1500 x 1000

DOOR SCHEDULE

NO.	DESCRIPTION	NO.	DESCRIPTION
1	2000 x 1000	2	1500 x 1000
3	1500 x 1000	4	1500 x 1000

GENERAL NOTES:

1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS AND STANDARDS ACT 1977.
2. CONTRACTOR TO PROVIDE ALL FINISHES AND MATERIALS.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS AND TO BE RESPONSIBLE FOR ANY VARIATIONS.

Notes and Specifications:

Structural:

1. Use concrete grade and on 100 mm of compacted natural sand.
2. All concrete shall be of the type with 40% of cement and 60% of sand.
3. Use 12 mm dia. reinforcement bars.
4. All concrete shall be cast in one lift.
5. All concrete shall be cured for 14 days.
6. All concrete shall be finished with a smooth surface.
7. All concrete shall be finished with a smooth surface.
8. All concrete shall be finished with a smooth surface.
9. All concrete shall be finished with a smooth surface.
10. All concrete shall be finished with a smooth surface.

Roof:

1. Use concrete grade and on 100 mm of compacted natural sand.
2. All concrete shall be of the type with 40% of cement and 60% of sand.
3. Use 12 mm dia. reinforcement bars.
4. All concrete shall be cast in one lift.
5. All concrete shall be cured for 14 days.
6. All concrete shall be finished with a smooth surface.
7. All concrete shall be finished with a smooth surface.
8. All concrete shall be finished with a smooth surface.
9. All concrete shall be finished with a smooth surface.
10. All concrete shall be finished with a smooth surface.

Plaster:

1. Use concrete grade and on 100 mm of compacted natural sand.
2. All concrete shall be of the type with 40% of cement and 60% of sand.
3. Use 12 mm dia. reinforcement bars.
4. All concrete shall be cast in one lift.
5. All concrete shall be cured for 14 days.
6. All concrete shall be finished with a smooth surface.
7. All concrete shall be finished with a smooth surface.
8. All concrete shall be finished with a smooth surface.
9. All concrete shall be finished with a smooth surface.
10. All concrete shall be finished with a smooth surface.

Paint:

1. Use concrete grade and on 100 mm of compacted natural sand.
2. All concrete shall be of the type with 40% of cement and 60% of sand.
3. Use 12 mm dia. reinforcement bars.
4. All concrete shall be cast in one lift.
5. All concrete shall be cured for 14 days.
6. All concrete shall be finished with a smooth surface.
7. All concrete shall be finished with a smooth surface.
8. All concrete shall be finished with a smooth surface.
9. All concrete shall be finished with a smooth surface.
10. All concrete shall be finished with a smooth surface.

Water Tank:

1. Use concrete grade and on 100 mm of compacted natural sand.
2. All concrete shall be of the type with 40% of cement and 60% of sand.
3. Use 12 mm dia. reinforcement bars.
4. All concrete shall be cast in one lift.
5. All concrete shall be cured for 14 days.
6. All concrete shall be finished with a smooth surface.
7. All concrete shall be finished with a smooth surface.
8. All concrete shall be finished with a smooth surface.
9. All concrete shall be finished with a smooth surface.
10. All concrete shall be finished with a smooth surface.

Approval:

NO.	NAME	DATE
1	GNS	October 2012
2	JS	October 2012
3	GM	October 2012

DEPT OF BASIC EDUCATION

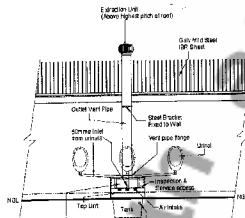
MVULA TRUST

9A LANDROU MARE STR
POLKOWANE
0699

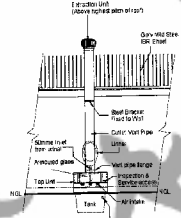
SCHOOLS SANITATION PROGRAMME FOR LIMPOPO PROVINCE

TYPE U1
(Three units and four toilets)

MT-SSP-4213-U1

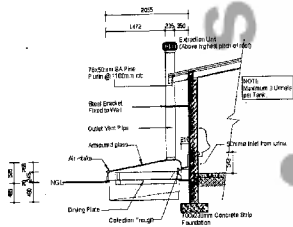


REAR ELEVATION
(Multiple Units)
Scale 1:50

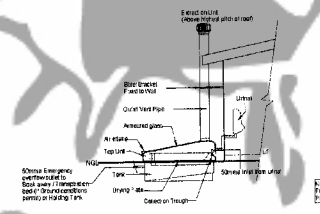


REAR ELEVATION
(Single Unit)
Scale 1:50

PLEASE NOTE:
In case of adverse soil conditions it
is recommended that the Unit be
Anchored for Anti-floatation purposes



SECTION A-A
Scale 1:50



SIDE ELEVATION
Scale 1:50

NOTE:
FOR ALL THE REQUIREMENTS WITH AN ANCHOR
PLEASE CONTACT SUPPLIER

Notes and Specifications

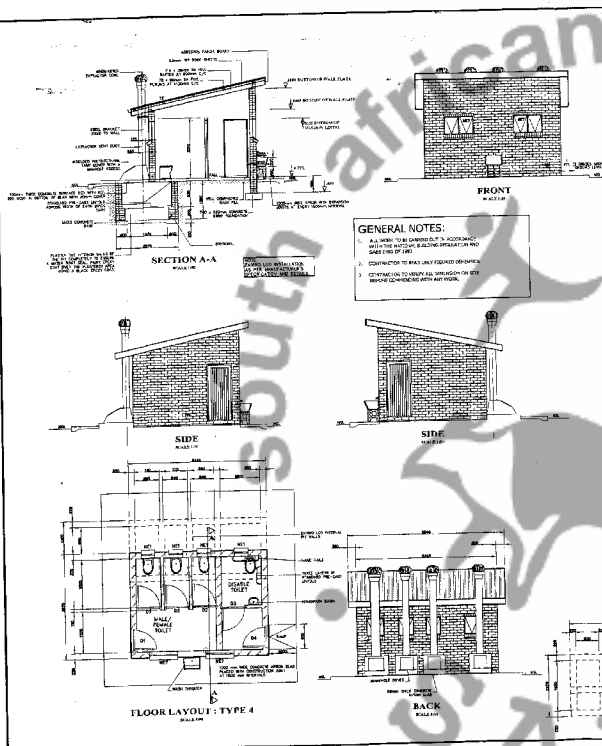
1. The dimensions are correct and do not scale of drawings.
2. All work must be done in accordance with the standards of the relevant codes and standards of the country.
3. All work must be done in accordance with the standards of the relevant codes and standards of the country.
4. All work must be done in accordance with the standards of the relevant codes and standards of the country.
5. All work must be done in accordance with the standards of the relevant codes and standards of the country.
6. All work must be done in accordance with the standards of the relevant codes and standards of the country.
7. All work must be done in accordance with the standards of the relevant codes and standards of the country.
8. All work must be done in accordance with the standards of the relevant codes and standards of the country.
9. All work must be done in accordance with the standards of the relevant codes and standards of the country.
10. All work must be done in accordance with the standards of the relevant codes and standards of the country.

DATE	REVISION	BY	DATE

DEPT OF BASIC EDUCATION
MVULA TRUST
SCHOOLS SANITATION PROGRAMME FOR LIMPOPO PROVINCE

TYPE OF DETAILS

MT-SSP-4213-UT3



GENERAL NOTES:

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS AND CODES OF PRACTICE.
2. CONTRACTOR TO PROVIDE ALL NECESSARY SERVICES.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WITH ANY WORK.

WINDOW SCHEDULE		WINDOW SCHEDULE	
NO.	DESCRIPTION	NO.	DESCRIPTION
1	1000 x 1500 mm	2	1000 x 1500 mm
3	1000 x 1500 mm	4	1000 x 1500 mm
5	1000 x 1500 mm	6	1000 x 1500 mm
7	1000 x 1500 mm	8	1000 x 1500 mm
9	1000 x 1500 mm	10	1000 x 1500 mm

DOOR SCHEDULE		DOOR SCHEDULE	
NO.	DESCRIPTION	NO.	DESCRIPTION
1	1000 x 2000 mm	2	1000 x 2000 mm
3	1000 x 2000 mm	4	1000 x 2000 mm
5	1000 x 2000 mm	6	1000 x 2000 mm
7	1000 x 2000 mm	8	1000 x 2000 mm
9	1000 x 2000 mm	10	1000 x 2000 mm

DOOR SCHEDULE		WINDOW SCHEDULE	
NO.	DESCRIPTION	NO.	DESCRIPTION
1	1000 x 2000 mm	2	1000 x 1500 mm
3	1000 x 2000 mm	4	1000 x 1500 mm
5	1000 x 2000 mm	6	1000 x 1500 mm
7	1000 x 2000 mm	8	1000 x 1500 mm
9	1000 x 2000 mm	10	1000 x 1500 mm

Notes and Specifications:

Structure:

1. All concrete to be cast in place and finished to a smooth surface.
2. All concrete to be cast in place and finished to a smooth surface.
3. All concrete to be cast in place and finished to a smooth surface.
4. All concrete to be cast in place and finished to a smooth surface.
5. All concrete to be cast in place and finished to a smooth surface.
6. All concrete to be cast in place and finished to a smooth surface.
7. All concrete to be cast in place and finished to a smooth surface.
8. All concrete to be cast in place and finished to a smooth surface.
9. All concrete to be cast in place and finished to a smooth surface.
10. All concrete to be cast in place and finished to a smooth surface.

Roofing:

1. Roof to be finished to a smooth surface.
2. Roof to be finished to a smooth surface.
3. Roof to be finished to a smooth surface.
4. Roof to be finished to a smooth surface.
5. Roof to be finished to a smooth surface.
6. Roof to be finished to a smooth surface.
7. Roof to be finished to a smooth surface.
8. Roof to be finished to a smooth surface.
9. Roof to be finished to a smooth surface.
10. Roof to be finished to a smooth surface.

Painting:

1. All walls to be painted with a smooth surface.
2. All walls to be painted with a smooth surface.
3. All walls to be painted with a smooth surface.
4. All walls to be painted with a smooth surface.
5. All walls to be painted with a smooth surface.
6. All walls to be painted with a smooth surface.
7. All walls to be painted with a smooth surface.
8. All walls to be painted with a smooth surface.
9. All walls to be painted with a smooth surface.
10. All walls to be painted with a smooth surface.

Other:

1. All other work to be completed in accordance with the National Building Regulations and Codes of Practice.
2. All other work to be completed in accordance with the National Building Regulations and Codes of Practice.
3. All other work to be completed in accordance with the National Building Regulations and Codes of Practice.
4. All other work to be completed in accordance with the National Building Regulations and Codes of Practice.
5. All other work to be completed in accordance with the National Building Regulations and Codes of Practice.
6. All other work to be completed in accordance with the National Building Regulations and Codes of Practice.
7. All other work to be completed in accordance with the National Building Regulations and Codes of Practice.
8. All other work to be completed in accordance with the National Building Regulations and Codes of Practice.
9. All other work to be completed in accordance with the National Building Regulations and Codes of Practice.
10. All other work to be completed in accordance with the National Building Regulations and Codes of Practice.

NO.	REVISION	DATE
1	ISSUED FOR TENDER	October 2012
2	ISSUED FOR TENDER	October 2012
3	ISSUED FOR TENDER	October 2012

DESIGNED BY	GMS
CHECKED BY	IS
DATE	October 2012
APPROVED BY	GM
DATE	October 2012

DEPT OF BASIC EDUCATION	MVELA TRUST 9A LANDROU MARSH STR POLOKwane 0699
-------------------------	--

SCHOOLS SANITATION PROGRAMME FOR LIMPOPO PROVINCE	TYPE 4B
4 seats bath partition with 1 cubical for the disabled	MT-SSP-1113-T04B
DATE	NTS

Annexure 5

Memorandum of Agreement



COPY

SERVICE DELIVERY AGREEMENT

BETWEEN

DEPARTMENT OF BASIC EDUCATION

(Hereinafter referred to as the DBE),

represented by Mr PB Soobrayan,

duly authorized in his capacity as the Director-General of the DBE,

AND

MVULA TRUST

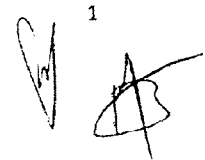
(hereinafter referred to as Mvula Trust),

represented by Mr Phakamani Buthelezi,

duly authorized in his capacity as the Chief Executive Officer

In respect of

THE PROVISION OF WATER AND SANITATION TO SCHOOLS AS PART OF THE
ACCELERATED SCHOOL INFRASTRUCTURE DELIVERY INITIATIVE (ASIDI)
(IMPLEMENTED AS PART OF THE RURAL HOUSEHOLD INFRASTRUCTURE
PROGRAMME)

1


1. BACKGROUND

The purpose of the SDAs is to formalize the relationship for the rendering of infrastructure services between the two parties for the implementation of the Water and Sanitation programme of ASIDI funded through the Schools Backlogs Grant and implemented through the Rural Household Infrastructure Programme (RHIP). The specific objective of the appointment of a Mvula Trust as the Water and Sanitation Implementing Agent (WSIA) is to provide the Department of Basic Education (DBE) with a service for the implementation of water and sanitation to schools that will be serviced through the Education Infrastructure Backlog Grant of the Accelerated Infrastructure Schools Delivery Initiative. This agreement will serve as an addendum to the Memorandum of Agreement entered into between Mvula Trust and the National Department of Human Settlements

2. SCOPE OF THE WORK

Mvula Trust will be responsible to implement the provision of water and sanitation to the schools identified by the DBE (the Implementing Authority) to schools in the provinces as indicated in Annexure A as provided to the WSIA.

2.1 Specific activities to be performed by the WSIA

The following specific activities, inter-alia, are to be carried out by the WSIA:

- 2.1.1. The confirmation of the status of the schools provided to the WSIA by the DBE. This task will include the provision to the DBE of the current status of the schools that have been indicated;
- 2.1.2. The provision of a preliminary programme for implementation per province based on the water and sanitation needs. The programme must take into consideration the current provision of water and sanitation, in cases where there is some form of water and sanitation vs. cases where there is no provision;
- 2.1.3. The provision of a cash flow for the implementation of the proposed programme above;
- 2.1.4. The provision of an Implementation Plan for the provision of water and sanitation to the schools identified, the Implementation Plan will include:
 - 2.1.4.1. The current status of water and sanitation at the school;

- 2.1.4.2. The number of learners;
- 2.1.4.3. The availability of water and sanitation bulk services, if not at the school the distance as well as the future planning for extension by the municipality, water board etc;
- 2.1.4.4. If no service (either water or sanitation) the alternative methods for provision viz VIP or Rain Water Harvesting will be indicated;
- 2.1.4.5. Standard drawings;
- 2.1.4.6. Indicate the number of toilets required in terms of the DBE guidelines.
- 2.1.5. The procurement of service providers as per the WSIA procurement policy, in conjunction with the DBE, the appointment and management of service providers, the quality assurance of work performed;
- 2.1.6. The completion of "as built" drawings indicating where and what service has been installed and the provision of such documents to both the DBE and the Provincial Education Department (PED);
- 2.1.7. The updating of the cash flows on a monthly basis;
- 2.1.8. The certification of payment certificates of service providers;
- 2.1.9. The reporting on a monthly basis to the DBE, in the format as required by the DBE, on progress made, funding expedited and challenges faced (if any);
- 2.1.10. The submission on a monthly basis of accounts for work performed
- 2.1.11. The completion of the NIEMS assessment sheets and submission to the DBE;
- 2.1.12. The completion of a close out report and submission to the DBE when the project is completed.

3. Specific activities to be performed by the DBE

- 3.1. The DBE as the custodian of the Infrastructure Backlog Grant of the ASIDI programme will:
 - 3.1.1. Provide the WSIA with a list of possible schools that may require water and sanitation intervention;
 - 3.1.2. Provide the WSIA with copies of the prototype plans for schools, which indicates the standard structures for water and sanitation (for both wet and dry schools);
 - 3.1.3. Provide the WSIA with the guidelines for the provision of water and sanitation based on learners numbers;
 - 3.1.4. Provide the WSIA with the reporting required in terms of the DoRA;



- 3.1.5. Do ad hoc inspections to ensure that the installed infrastructure is within the quality that is required;
- 3.1.6 Provide the standard NIEMS assessment forms;

4. PROGRAMME MANAGEMENT BY THE IMPLEMENTING AGENT

- 4.1. The WSIA will establish an internal programme management team, headed by a suitably experienced senior member, whose functions will be set out in the implementation plan, which will be devoted to the Programme.
- 4.2. The WSIA shall provide adequate resources to the satisfaction of DBE in order to effectively manage planning, implementation and completion of the Programme.
- 4.3. If, in the opinion of DBE, the Agent has not allocated a sufficient number of qualified, registered and experienced resources for the successful completion of the programme, and WSIA has failed to act as advised by DBE this will constitute a material breach by the WSIA of the terms of this Agreement.

5. PAYMENTS

- 5.1. DBE shall be responsible to make payment to the WSIA against presentation of invoice in respect of the services rendered for the implementation of the programme.
- 5.2. Payment will be made to the WSIA in respect of the service providers, consultants and the contractors employed by the agent within thirty working days after receipt of an invoice by DBE.
- 5.3. All payments shall be made by electronic bank transfer to the credit of the WSIA's dedicated bank account for the programme.
- 5.4. DBE undertakes to indemnify and hold the WSIA harmless against all claims made by the consultants and contractors arising from, relating to or incidental to a delay in the transfer of payments caused by DBE.
- 5.5. The WSIA shall make timeous payment and will be liable for all claims made by the consultants and contractors arising from, relating to or incidental to a delay in the transfer of payments caused other than by DBE.
- 5.6. In the event of budget cuts to the programme, resulting in the discontinuation or suspension of the implementation of any projects under this programme, DBE will be liable for all liabilities incurred by the WSIA in respect of service providers, consultants and contractors engaged by the WSIA under this programme.

- 5.7. DBE shall not make direct payment to any service provider, consultant or contractor appointed by the WSIA.
- 5.8. The payment process shall be as indicated hereunder:
 - 5.8.1. The WSIA's enter into Professional Service Provider (PSP) agreements and Construction contracts agreements with various entities for the provisioning of various approved schools infrastructure projects.
 - 5.8.2. The Principal Agents/ Project Managers certify all contractor claims and PSP claims before submitting to the various WSIA. The responsible WSIA official reviews it to ensure that the service has been delivered. After approval they forward to the DHS Regional office for verification. The process flow is as detailed hereunder.
 - a. Principal Agents/ Project Managers to WSIA
 - b. WSIA to DBE PSU
 - c. DBE PSU submits to DBE
 - d. DBE effects payment to WSIA

6. PROCUREMENT

- 6.1. The WSIA shall utilize its own procurement procedures and policies to procure and manage all duly appointed service providers, consultants and contractors.
- 6.2. The WSIA will inform DBE of all the appointments of service providers procured under this Agreement and DBE will ensure that such appointments are entered into their database.
- 6.3. The WSIA shall not under any circumstances, appoint or engage the service of any service provider, consultant or contractor for the programme unless the budget for the payment of that service provider, consultant or contractor has been agreed to in writing by DBE.

7. REPORTING

7.1 Reporting requirements

- 7.1.1. The parties will appoint an official within its respective organisations as contact persons during the duration of this agreement. The appointed official will ensure proper communication is at all times achieved for the successful implementation of this SDA.

7.1.2. The WSIA will produce monthly reports against programme implementation activities. All reports will be prepared according to formats agreed with the Programme Manager, appointed by the DBE. There must be a final progress report and final invoice at the end of the period of execution.

7.2. Submission & approval of written material

Reports should be written in English and submitted to the attention of the Director, Physical Resources Planning and Rural Education, Department of Basic Education, in 3 hard copies and 1 electronic copy.

8. CONTRACT PERIOD

The contract will commence on signature of this agreement and will complete on the 31st of March 2014 or earlier.

9. TERMINATION

9.1. Notwithstanding anything to the contrary contained herein, this SDA shall terminate if the Parties hereto agree to it, or on expiration of the SDA.

9.2. Upon termination, all Projects that are part of the overall Programme, but are in the process of being implemented, must be completed and implementation thereof shall be finalised as part of this Programme and the funding thereof shall be provided in terms of the funding set out in terms of this SDA, notwithstanding termination of this Agreement.

9.3. The expiration or termination of this Agreement shall not affect outstanding projects which are underway during expiration or termination date.

9.4. The agreement may, inter alia be terminated if the following terms have not been met:

9.4.1. Conditions attached to the transfer of the funds have not been complied with;

9.4.2. The agreed objectives have not been attained; and/or

9.4.3. The funds transferred are not utilised for the intended purpose.

9.4.4. At all times the parties acknowledge that the agreement will terminate upon the successful completion of the programme and this may be sooner than the stipulated termination period.

10. FORCE MAJEURE

- 10.1. Either Party shall be excused from the non-performance of any of its obligations under this Agreement if such non-performance is caused by any factor outside the control of that Party, such factors including (without limitation) fire, storm damage, inclement weather, power failures, riots, breakdown of machinery or equipment, unavailability of materials, strikes, lock-outs, political interference, new legislation, sanctions, embargoes and actions of the legislative, or the
- 10.2. The affected Party shall bear the onus of proving that an event of force majeure has occurred, and will keep the other Party informed in writing of the circumstances, which the affected Party claims to amount to force majeure.
- 10.3. If force majeure persists for a continuous period of more than 3 (three) consecutive months, either Party may terminate this Agreement on 14 (fourteen) days' written notice to the other Party.

11. NOTICES AND DOMICILIA

- 11.1. The Parties choose the following as physical addresses at which notices contemplated in this MOA and any legal documents may be delivered or served.

11.1.1. Mvula Trust

Physical Address:	23 Jorissen Street 12 th Floor Braamfontein Centre BRAAMFONTEIN 2017
Postal Address:	P.O. Box 32351 BRAAMFONTEIN 2017
Fax:	(011) – 403 1260

Tel:	(011) – 403 3425
Contact Person:	Ms Julia Mmushi National Programmes Manager

11.1.2. Department of Basic Education

Physical Address:	Sol Plaatje House 222 Struben Street Pretoria 0002
Postal Address:	Private Bag X895 Pretoria 0001
Fax:	(012) 357-4315
Tel:	(012) 323-5732
Contact Person:	Mr Ramasedi Mafoko Director: Physical Resources Planning

11.2. Where a Party changes the physical address contemplated in 11, the other Party shall be notified in writing within 7 (seven) days from the date such change was effected.

SAHA

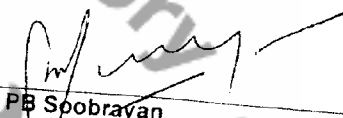
W

AR

SIGNED AT PRATORIA ON THIS 5TH DAY OF OCTOBER 2011

AS WITNESSES:

1. _____
2. _____

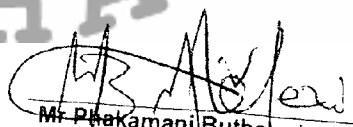


Mr PB Spobrayan
DIRECTOR-GENERAL – for and on behalf
of the Department of Basic Education, who
warrants that he is duly authorised thereto

SIGNED AT Boramfontein ON THIS 14 DAY OF October 2011

AS WITNESSES:

1. _____
2. _____



Mr Phakamani Buthelezi
CHIEF EXECUTIVE OFFICER – for and on
behalf of Mvula Trust, who warrants that he
is duly authorised thereto



ANNEXURE A



SCHOOLS WITHOUT SANITATION: Eastern Cape & Limpopo

ID	Province	District Name	Municipal Name	EMIS No.	School Name	Latitude	Longitude
1	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200500406	LIHASENG JS SCHOOL	30.39992	28.49541
2	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200500408	LIKHETLANE JS SCHOOL	30.35598	28.52497
3	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200500465	LUNDA JP SCHOOL	30.33996	28.68255
4	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200500503	MADUBA SP SCHOOL	30.61984	28.81783
5	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200500514	MAGEMA JP SCHOOL	30.24936	28.62345
6	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200500682	MIKA JP SCHOOL	30.34583	28.37142
7	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200500718	MNGENI JS SCHOOL	30.09542	29.09092
8	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200500761	MPOFINI JS SCHOOL	30.59466	28.92646
9	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200500909	NKAULWENI JP SCHOOL	30.05345	29.04836
10	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200500968	NTLOLA JS SCHOOL	30.3416	28.8105
11	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200501027	POLILE JS SCHOOL	30.447217	28.642867
12	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200501033	POTE SP SCHOOL	30.06047	29.01972
13	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200501057	RALEBITSO SS SCHOOL	30.4103	28.59384
14	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200501147	SIPHOLA JP SCHOOL	30.16325	28.9507
15	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200501158	ST MARGARET JP SCHOOL	30.27338	28.71902
16	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200501161	ST MATTHEWS JS SCHOOL	30.18114	28.94729
17	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200501206	THUSANG JP SCHOOL	30.17239	28.85717
18	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200501265	UPPER SIDAKENI JP SCHOOL	30.61051	28.79703
19	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200501348	ZWELITSHA JS SCHOOL	30.14572	29.08885
20	Eastern Cape	Alfred Nzo	Matatiele Local Municipality	200501577	HARMONY P	30.38563	28.88416
21	Eastern Cape	Alfred Nzo	Umzimvubu Local Municipality	200500001	ALI SP SCHOOL	30.67704	28.6133
22	Eastern Cape	Alfred Nzo	Umzimvubu Local Municipality	200500018	BAPHATHE SP SCHOOL	30.9599	29.026
23	Eastern Cape	Alfred Nzo	Umzimvubu Local Municipality	200500104	CWALINKUNGU JS SCHOOL	30.9009	29.0222
24	Eastern Cape	Alfred Nzo	Umzimvubu Local Municipality	200500372	KUYASA SP SCHOOL	30.8439	28.8716
25	Eastern Cape	Alfred Nzo	Umzimvubu Local Municipality	200500472	LUQOLWENI SP SCHOOL	30.76602	28.94113
26	Eastern Cape	Alfred Nzo	Umzimvubu Local Municipality	200500516	MAGONTSINI JP SCHOOL	30.81662	29.12928
27	Eastern Cape	Alfred Nzo	Umzimvubu Local Municipality	200500531	MAJUBA JS SCHOOL	31.0378	28.9683
28	Eastern Cape	Alfred Nzo	Umzimvubu Local Municipality	200500549	MALONGWE JP SCHOOL	30.8089	28.9522
29	Eastern Cape	Alfred Nzo	Umzimvubu Local Municipality	200500620	MBIZWENI SP SCHOOL	31.01229	28.88232
30	Eastern Cape	Alfred Nzo	Umzimvubu Local Municipality	200500853	NDAKENI JS SCHOOL	30.79223	29.15888

361	Eastern Cape	O.R.Tambo	Nyandeni Local Municipality	200401265	BOMVINI SP SCHOOL	31.30852	29.20049
362	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200400215	GOBIZIZWE SP SCHOOL	31.46307	29.31337
363	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200400407	LUNDINI JP SCHOOL	31.43572	29.31602
364	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200400433	MACHAMTSHOLO JP SCHOOL	31.58324	29.31214
365	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200400499	MAQEBEVU JS SCHOOL	31.69587	29.25244
366	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200400578	MEVANA PJS SCHOOL	31.52038	29.30042
367	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200400586	MGUNGUNDLOVU JP SCHOOL	31.55227	29.4129
368	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200400585	MVUME SPRINGS SP SCHOOL	31.55667	29.30357
369	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200400790	NKANGALA SP SCHOOL	31.77842	29.34086
370	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200400815	NOKULUNGA SP SCHOOL	31.71244	29.3847
371	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200400889	NYIKIMENI P SCHOOL	31.68233	29.39297
372	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200401188	ZANDISE JP SCHOOL	31.63432	29.32745
373	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200401207	ZWELENGABA SP SCHOOL	31.70002	29.40993
374	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200500390	kwaZWENI SP SCHOOL	31.48486	29.46197
375	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200500467	LUNGELO SP SCHOOL	31.34616	29.35797
376	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200500580	MALIZE JP SCHOOL	31.50005	29.46094
377	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200500866	NDWALANE SP SCHOOL	31.47531	29.38891
378	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200500941	NOQHEKWANA SP SCHOOL	31.59782	29.68556
379	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200501084	JABAVU SP SCHOOL	31.38579	29.43624
380	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200501177	TALENI SP SCHOOL	31.35331	29.34986
381	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200501245	TYONGWANA SP SCHOOL	31.4926	29.4291
382	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500266	NDIMBANENI SP SCHOOL	31.32509	29.45738
383	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500284	GWEXINTABA SP SCHOOL	31.45701	29.63455
384	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500333	JIBA SS SCHOOL	31.30349	29.26558
385	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500378	kwaMLINDAZWE SP SCHOOL	31.27907	29.42674
386	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500475	LUSIKISIKI VILLAGE JS SCHOOL	31.3684	29.575
387	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500563	MANGENA P SCHOOL	31.30758	29.40532
388	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500569	MANGILO SP SCHOOL	31.15058	29.60433
389	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500628	MBOTYI SP SCHOOL	31.46683	29.72935
390	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500687	MJOBOS SP SCHOOL	31.23994	29.45087
391	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500689	MKAMBATI SP SCHOOL	31.20657	29.87917
392	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200500899	NGXAMBANE SP SCHOOL	31.23583	29.6256
393	Eastern Cape	O.R.Tambo	Qaukeni Local Municipality	200501019	PHANDAPHANTSI JP SCHOOL	31.18056	29.47223

559	Eastern Cape	Ukhahlamba	Senqu Local Municipality	200600808	SUNDUZA JS Sch	30.60747	27.38708
560	Eastern Cape	Chris Hani	Lukanji Local Municipality	200600814	TABLE FARM Sch	32.19188	26.96596
561	Eastern Cape	Chris Hani	Inxuba Yethemba Local Municipality	200600818	TARKA BRIDGE FARM Sch	32.31587	26.75225
562	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600825	TEMBENI SP Sch	31.80857	26.98933
563	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600829	THANDISIZWE SP Sch	31.76283	27.24426
564	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600833	THEMBALETHU SP Sch	31.56906	27.21527
565	Eastern Cape	Chris Hani	Lukanji Local Municipality	200600837	THEMBISA L/HP Sch	32.24638	26.729713
566	Eastern Cape	Chris Hani	Sakhisizwe Local Municipality	200600846	TIWANE SP Sch	31.5126	27.5978
567	Eastern Cape	Chris Hani	Lukanji Local Municipality	200600856	TSITSIKAMA L/HP Sch	32.22976	26.569
568	Eastern Cape	Amatole	Amahlathi Local Municipality	200600860	TWEEDALE FARM Sch	32.44137	27.0379
569	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600863	UITKYK JS Sch	31.44259	27.12522
570	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600865	UMHLANGA JS Sch	31.44299	27.20092
571	Eastern Cape	Ukhahlamba	Senqu Local Municipality	200600866	UMLAMLI SP Sch	30.55098	27.46701
572	Eastern Cape	Ukhahlamba	Maletswai Local Municipality	200600867	UNTLAKOHLAZA FARM Sch	30.68706	27.00668
573	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600877	UPPER NGONYAMA JS Sch	31.67493	26.93379
574	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600900	VUYANI SP Sch	31.54454	27.17072
575	Eastern Cape	Chris Hani	Tsolwana Local Municipality	200600912	WAVERLEY FARM Sch	31.93397	26.45037
576	Eastern Cape	Chris Hani	Lukanji Local Municipality	200600914	WELTEVREDEN FARM Sch	32.03065	26.72736
577	Eastern Cape	Chris Hani	Lukanji Local Municipality	200600932	YONDA COMBINED P Sch	32.281433	26.67675
578	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600937	ZAMAKULUNGA SP Sch	31.48599	27.20798
579	Eastern Cape	Ukhahlamba	Senqu Local Municipality	200600949	ZINGXENGELE JS Sch	30.62119	27.57651
580	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600951	ZIZAMELE SP Sch	31.58524	26.97432
581	Eastern Cape	Chris Hani	Intsika Yethu Local Municipality	200600960	ZWELILUNGILE SP Sch	31.9949	27.95505
582	Eastern Cape	Ukhahlamba	Senqu Local Municipality	200600972	MZOMHLE SS Sch	30.59766	27.36882
583	Eastern Cape	Chris Hani	Lukanji Local Municipality	200600980	CLAREMONT JP Sch	32.30695	26.83036
584	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600991	MGQUKWEBE JS Sch	31.68313	27.03304
585	Eastern Cape	Chris Hani	Lukanji Local Municipality	200600996	PETERSDALE SP Sch	31.96545	27.09772
586	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200600997	PHAKAMANI JS Sch	31.4476	27.16033
587	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200601009	MZAMOMHLE JP Sch	31.49302	27.16673
588	Eastern Cape	Chris Hani	Intsika Yethu Local Municipality	200601033	MATAFENI PJS Sch	31.82984	27.79395
589	Eastern Cape	Chris Hani	Intsika Yethu Local Municipality	200601045	ZWELANDILE SS Sch	31.87378	27.85527
590	Eastern Cape	Chris Hani	Lukanji Local Municipality	200601050	G.MWANDA JS Sch	32.13629	27.25352
591	Eastern Cape	Chris Hani	Intsika Yethu Local Municipality	200601054	NTSHINGENI JS Sch	32.05474	27.42935

592	Eastern Cape	Chris Hani	Lukani Local Municipality	200601062	TEMBU JP Sch	32.27924	26.70518
593	Eastern Cape	Chris Hani	Intsika Yethu Local Municipality	200601102	KANYISA PJS Sch	32.06489	27.62858
594	Eastern Cape	Chris Hani	Inxuba Yethemba Local Municipality	200601115	KATKOP FARM Sch	31.9053	25.47193
595	Eastern Cape	Chris Hani	Intsika Yethu Local Municipality	200601148	LOWER NCUNCUZO JS Sch	31.87694	27.6135
596	Eastern Cape	Ukhahlamba	Elundini Local Municipality	200800615	ROSS	31.3375	28.36785
597	Eastern Cape	O.R.Tambo	King Sabata Dalindyebo Local Municipality	200800618	EMPA ZAMANI PRE-P	31.78996	28.51832
598	Eastern Cape	O.R.Tambo	King Sabata Dalindyebo Local Municipality	200800621	BULELANI	31.73332	28.65681
599	Eastern Cape	Ukhahlamba	Senqun Local Municipality	200800870	ISIKHOBAN PRE-P	31.18296	27.61071
600	Eastern Cape	Chris Hani	Emalahleni Local Municipality	200800895	NO COLLEGE PRE-Sch	31.66587	26.83196
601	Eastern Cape	Chris Hani	Intsika Yethu Local Municipality	200800896	NCORA PRE-P	31.82012	27.75398
602	Eastern Cape	O.R.Tambo	Ntabankulu Local Municipality	200800933	BULELANI PRE-P	30.96385	29.3025
603	Eastern Cape	O.R.Tambo	Port St Johns Local Municipality	200800939	MTUMBANE PRE-P	31.64561	29.53262
604	Eastern Cape	Amatole	Mnquma Local Municipality	200800965	CENTANE	32.51483	28.33936
605	Limpopo	Greater Sekhukhune	Greater Marble Hall Local Municipality	800031955	AREITSOSENG PRE P Sch	24.8947	28.92225
606	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	800032623	DITHAMAGA P Sch	24.83737	30.15815
607	Limpopo	Mopani	Greater Tzaneen Local Municipality	901530501	GRYSAPPEL P	23.88538	30.07395
608	Limpopo	Mopani	Greater Tzaneen Local Municipality	901530990	PFUKANI FARM	23.83944	30.40044
609	Limpopo	Mopani	Greater Tzaneen Local Municipality	904240440	MAKGOBATH P	23.85442	29.96816
610	Limpopo	Vhembe	Makhado Local Municipality	905331353	MALIMUWA P FARM	22.98497	29.97272
611	Limpopo	Vhembe	Musina Local Municipality	905331728	MPATHAKA COMBINED	22.53175	29.351
612	Limpopo	Vhembe	Makhado Local Municipality	905331872	TAKALANI P-1	22.79727	29.59686
613	Limpopo	Waterberg	Modimotse Local Municipality	906120713	MADUMA FARM P	24.11667	28.50762
614	Limpopo	Waterberg	Lephalale Local Municipality	908110655	MOTOMA P	23.84657	27.79601
615	Limpopo	Waterberg	Bela-Bela Local Municipality	910131379	RAMOROKO COMBINED	25.26077	28.43247
616	Limpopo	Vhembe	Thulamela Local Municipality	911360685	RISANA LOWER P	23.12267	30.51822
617	Limpopo	Mopani	Greater Tzaneen Local Municipality	915530297	SCOTCH MABOKO JUNIOR Sec	23.94496	30.40668
618	Limpopo	Mopani	Greater Tzaneen Local Municipality	915530310	SEVENGWANA Sec	23.87393	30.42796
619	Limpopo	Mopani	Greater Tzaneen Local Municipality	915531146	TOTWANA P	23.925	30.3375
620	Limpopo	Mopani	Greater Giyani Local Municipality	916410782	NGHILAZI HIGHER P	23.54826	30.86189
621	Limpopo	Mopani	Greater Giyani Local Municipality	916420024	BAMBENI Sec	23.4876	30.69988
622	Limpopo	Mopani	Greater Giyani Local Municipality	916420369	MATSOTSOSELA P	23.60618	30.82733
623	Limpopo	Mopani	Greater Letaba Local Municipality	916420437	MZILELA P	23.60023	30.317
624	Limpopo	Mopani	Greater Giyani Local Municipality	917420789	ZAVA HIGH	23.64106	30.73653

625	Limpopo	Mopani	Greater Giyani Local Municipality	917420970	HINKHESILE HIGH	23 66133	30 88496
626	Limpopo	Mopani	Greater Letaba Local Municipality	918510347	MALEMATSHA P	23 61763	30 28255
627	Limpopo	Mopani	Greater Letaba Local Municipality	918510941	SEKHUKHUMELE Sec	23 6365	30 22417
628	Limpopo	Mopani	Greater Letaba Local Municipality	918520764	NAKAMPE P	23 39263	30 45963
629	Limpopo	Capricorn	Molemole Local Municipality	919340395	MASHAHA Sec	23 45635	29 83262
630	Limpopo	Waterberg	Lephalale Local Municipality	921110846	OLIFANTSDRIFT P	23 40599	28 04527
631	Limpopo	Waterberg	Mogalakwena Local Municipality	921120362	JACOB PUKA P	23 96871	28 9078
632	Limpopo	Capricorn	Lepele-Nkumpi Local Municipality	921230278	MARAGANE P	24 5669	29 447067
633	Limpopo	Capricorn	Lepele-Nkumpi Local Municipality	921230375	MOHLOPHENG Sec	24 397	29 299483
634	Limpopo	Capricorn	Lepele-Nkumpi Local Municipality	921230443	MOSHODO P	24 372	29 32383
635	Limpopo	Capricorn	Lepele-Nkumpi Local Municipality	921230924	MPOTLA SENIOR Sec	24 51955	29 45518
636	Limpopo	Capricorn	Lepele-Nkumpi Local Municipality	921231064	MOTSERERENG P	24 423	29 48215
637	Limpopo	Mopani	Greater Giyani Local Municipality	921410065	CHAMANDU HIGH	23 28085	30 582
638	Limpopo	Capricorn	Aganang Local Municipality	922221609	TUTWANA P	23 97421	29 10655
639	Limpopo	Capricorn	Aganang Local Municipality	922250812	NKHUMISHE HIGHER P	23 732367	28 9482
640	Limpopo	Capricorn	Aganang Local Municipality	922250928	PHUTI SEOPA Sec	23 77709	28 93645
641	Limpopo	Capricorn	Blouberg Local Municipality	922251136	SEO Sec	23 48939	28 91542
642	Limpopo	Capricorn	Polokwane Local Municipality	923240235	KONOTO P	23 746967	29 782567
643	Limpopo	Capricorn	Polokwane Local Municipality	923240792	MATHUKANA Sec	23 90197	29 81065
644	Limpopo	Capricorn	Polokwane Local Municipality	923240952	MORARO P	23 708033	29 780083
645	Limpopo	Capricorn	Polokwane Local Municipality	923241269	RANTI Sec	23 75413	29 77733
646	Limpopo	Capricorn	Polokwane Local Municipality	923241375	SESOAI HIGHER P	23 8062	29 8004
647	Limpopo	Capricorn	Lepele-Nkumpi Local Municipality	923260932	MOUPO P	24 27396	29 6454
648	Limpopo	Capricorn	Lepele-Nkumpi Local Municipality	923261096	PHUTLO Sec	24 41718	29 60282
649	Limpopo	Capricorn	Polokwane Local Municipality	923261232	SEPHAKABATHO Sec	24 1589	29 54305
650	Limpopo	Capricorn	Lepele-Nkumpi Local Municipality	923262216	MAREDI P-2	24 28959	30 15817
651	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	924640583	LEKHINE Sec	24 71396	29 54648
652	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	924641609	MMAFHADIME Sec	24 70212	29 72335
653	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	924641821	MOKGUBI Sec	24 69115	29 61745
654	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	924641838	MOLEJANE P	24 86739	29 767919
655	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	924642060	MOTLANKANE P	24 85544	29 78693
656	Limpopo	Greater Sekhukhune	Greater Marble Hall Local Municipality	924643025	TSHWAANE P	24 892133	29 670617
657	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	924643193	MMAUWANE Sec	24 789183	29 768733

658	Limpopo	Greater Sekhukhune	Greater Groblersdal Local Municipality	924650627	LOBOLI Sec	25 06873	29 71003
659	Limpopo	Greater Sekhukhune	Greater Marble Hall Local Municipality	924651040	PUPUTLE Sec	24 93115	29 535467
660	Limpopo	Greater Sekhukhune	Greater Groblersdal Local Municipality	924651255	MARESELENG HIGH	24 95871	29 62279
661	Limpopo	Greater Sekhukhune	Greater Marble Hall Local Municipality	924651330	FLOPHA P	24 88655	29 5642
662	Limpopo	Greater Sekhukhune	Greater Marble Hall Local Municipality	924651491	KGAPHOLA MATLALA Sec	24 97204	29 58025
663	Limpopo	Greater Sekhukhune	Greater Marble Hall Local Municipality	924651958	MAJANE MATLALA Sec	24 96878	29 54567
664	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	924661429	MOLEPANE Sec	24 80841	29 87827
665	Limpopo	Greater Sekhukhune	Fetakgomo Local Municipality	925610193	MOHLALETSE Sec	24 50095	29 88512
666	Limpopo	Greater Sekhukhune	Fetakgomo Local Municipality	925610551	MANKOPODI P	24 5432	29 9235
667	Limpopo	Greater Sekhukhune	Fetakgomo Local Municipality	925611028	MONARE Sec	24 31374	29 82707
668	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925620374	MADIKLOSHE MALEPE Sec	24 3823	30 2449
669	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925620480	MAKHWESE Sec	24 33948	30 31919
670	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925620718	MOGOHLWANE Sec	24 44058	30 61928
671	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925620725	MOHLAKENG Sec	24 47465	30 59979
672	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925621315	NKOTA Sec	24 49669	30 27575
673	Limpopo	Greater Sekhukhune	Fetakgomo Local Municipality	925630289	SEJADIPUDI P	24 33617	29 69811
674	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925630586	PHOGOLE P	24 54338	30 10562
675	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925630821	MATSIRI P	24 42707	30 21447
676	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925630838	MMANYABA SENIOR Sec	24 30657	30 17373
677	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925631152	MOHLOPE P	24 47558	30 14435
678	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925631206	NKGOMELENG SENIOR Sec	24 47437	30 17533
679	Limpopo	Greater Sekhukhune	Fetakgomo Local Municipality	925631633	SEROLETSHIDI Sec	24 35256	30 01756
680	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	925643186	MOKGOKO P	24 5644	29 76759
681	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	925660235	LAMDZANDVO Sec	24 74127	30 05319
682	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	925660327	LOBAMBA JUNIOR Sec	24 63893	30 08522
683	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	925660341	MABHEDLA P	24 64205	30 08468
684	Limpopo	Greater Sekhukhune	Makhuduthamaga Local Municipality	925660488	MALAKENG-SEROTELE P	24 79955	29 94417
685	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925661023	NKOTWANE Sec	24 87434	29 99002
686	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	925661573	HONOKO P	24 63603	30 04401
687	Limpopo	Mopani	Maruleng Local Municipality	926540867	MAMOKAILE P	24 28817	30 47181
688	Limpopo	Vhembe	Makhado Local Municipality	928330374	NKONENI Sec	22 83038	30 1668
689	Limpopo	Vhembe	Thulamela Local Municipality	928330473	NNDITSHENI Sec	22 873	30 1907
690	Limpopo	Vhembe	Makhado Local Municipality	928331636	MUFONGODI P	22 75449	30 13659

691	Limpopo	Vhembe	Mutale Local Municipality	929310127	MUKUNUNDE P	22.44771	30.76788
692	Limpopo	Vhembe	Mutale Local Municipality	929310202	MUKOVHABALE P	22.57356	30.54967
693	Limpopo	Vhembe	Mutale Local Municipality	929310226	MADIFHA P	22.52682	30.6211
694	Limpopo	Vhembe	Musina Local Municipality	929310233	TSHIKUYU P	22.41814	30.25108
695	Limpopo	Vhembe	Mutale Local Municipality	929311052	DZAMBA P	22.81022	30.32934
696	Limpopo	Vhembe	Mutale Local Municipality	929311076	FEFE P	22.75306	30.33923
697	Limpopo	Vhembe	Mutale Local Municipality	929311083	GOGOGO P	22.77717	30.33414
698	Limpopo	Vhembe	Mutale Local Municipality	929311199	MUSUNDA P	22.64509	30.48889
699	Limpopo	Vhembe	Mutale Local Municipality	929311206	NGALAVHANI P	22.68501	30.49679
700	Limpopo	Vhembe	Mutale Local Municipality	929311298	TSHITANDANI P	22.70762	30.40893
701	Limpopo	Vhembe	Mutale Local Municipality	929330176	MULADI P	22.82832	30.2884
702	Limpopo	Vhembe	Thulamela Local Municipality	930320049	MUTHUNDINNE P	22.9799	30.35531
703	Limpopo	Vhembe	Thulamela Local Municipality	930350965	LUKHAIMANE P	22.79553	30.59821
704	Limpopo	Vhembe	Thulamela Local Municipality	930361001	VUVUMUTSHENA Sec Sch	22.72248	30.88535
705	Limpopo	Vhembe	Thulamela Local Municipality	930361002	MASETONI P	22.722567	30.88205
706	Limpopo	Vhembe	Thulamela Local Municipality	931321952	MABUDUGA JUNIOR P	22.9837	30.37887
707	Limpopo	Vhembe	Makhado Local Municipality	931331209	TSHISAPHUNGO P	23.17167	30.04052
708	Limpopo	Vhembe	Makhado Local Municipality	931520245	NDALAMO Sec	23.24651	30.18999
709	Limpopo	Waterberg	Lephalale Local Municipality	991103201	TSHUKUDU 1 P	24.15253	27.97895
710	Limpopo	Capricorn	Lepele-Nkumpi Local Municipality	992204302	MOSHABI P	24.23784	29.83135
711	Limpopo	Mopani	Greater Giyani Local Municipality	994401401	N'WAMANKENA P	23.37158	30.5218
712	Limpopo	Vhembe	Makhado Local Municipality	995502201	MUGWEJANI P	23.20919	30.08375
713	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	996602404	MAGAKANTSHE P Sch	24.63591	30.18576
714	Limpopo	Greater Sekhukhune	Greater Groblersdal Local Municipality	996603302	ELIAS MASANGO P	25.03884	29.49622
715	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	996606304	BOKONI P Sch	24.9466	30.0519
716	Limpopo	Greater Sekhukhune	Greater Tubatse Local Municipality	996606310	KOPI P Sch	24.8406	30.26821
717	Limpopo	Greater Sekhukhune	Greater Groblersdal Local Municipality	996606506	NGWANAMARUMO-A-TSWAKO P Sch	25.30399	29.90907
718	Limpopo	Greater Sekhukhune	Greater Groblersdal Local Municipality	996606525	NYENYE P Sch	25.23627	29.84822
719	Limpopo	Greater Sekhukhune	Greater Groblersdal Local Municipality	996606531	LERIANA SENIOR Sec Sch	25.12554	29.72699
720	Limpopo	Greater Sekhukhune	Greater Groblersdal Local Municipality	996606711	NGWATO-A-MPEHLA PUBLIC Sch	25.24985	29.1302
721	Limpopo	Greater Sekhukhune	Greater Groblersdal Local Municipality	996606718	RAMOGOSETSI MAGANA Sec Sch	25.30824	29.2191
722	Limpopo	Greater Sekhukhune	Greater Marble Hall Local Municipality	996606818	MABULE P Sch	24.9024	28.93067