

STANDARD PROFESSIONAL SERVICES CONTRACT

110040



(July 2009)
(Third Edition of CIDB document 1014)



PROJECT: THE UPGRADING OF THE MARQUARD / MOEMANENG
OXIDATION PONDS (MIG/FS/0448/S/07/09)

CLIENT: SETSOTO LOCAL MUNICIPALITY

CONSULTANT: ISA & PARTNERS (PTY) LTD
CONSULTING ENGINEERS AND PROJECT MANAGERS

SERVICE: DESIGN AND CONSTRUCTION SUPERVISION FOR THE
UPGRADING OF THE MARQUARD / MOEMANENG
OXIDATION PONDS (MIG/FS/0448/S/07/09)

AGREEMENT DATE:
(Refer to C1-1)

REFERENCE:

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PREFACE

The Standard Professional Services Contract has been prepared for use by Employers when they engage firms or individuals (Service Providers) for the performance of knowledge-based expertise provided on the basis of trust.

This document is intended to be used with the procurement documents prepared in accordance with the provisions of SANS 10403: Formatting and Compilation of Construction Procurement Documents

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GENERAL CONDITIONS OF CONTRACT

1. DEFINITION

In the Contract, the following words and expressions shall have the meanings indicated, except where the context otherwise requires. Defined terms and words are signified in the text of the Contract by the use of capital initial letters.

Contract

The Contract signed by the Parties and of which these General Conditions of Contract form part.

Contract Data

Specific data, which together with these General Conditions of Contract, collectively describe the risks, liabilities and obligations of the contracting Parties and the procedures for the administration of the Contract.

Contract Price

The price to be paid for the performance of the Services in accordance with the Pricing Data.

Day

A calendar day.

Defect

A part of the Services, as performed, which does not comply with the requirements of the Contract.

Deliverable

Any measurable, tangible, verifiable outcome, result or item that must be produced or completed;

Employer

The contracting party named in the Contract who employs the Service Provider.

Force Majeure

An event which is beyond the reasonable control of a Party and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

Key Persons

Persons who are named as such in the Contract Data who will be engaged in the performance of the Services.

Others

Persons or organizations who are not the Employer, the Service Provider or any employee, Subcontractor, or supplier of the Service Provider.

Parties

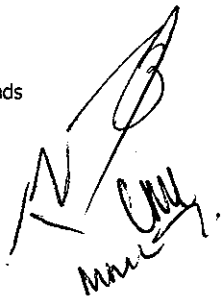
The Employer and the Service Provider.

Period of Performance

The period within which the Services are to be performed and completed, commencing from the Start Date.

Personnel

Persons hired by the Service Provider as employees and assigned to the performance of the Services or any part thereof.



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Personnel Schedule

A schedule naming all Personnel and Key Persons.

Pricing Data

Data that establishes the criteria and assumptions that were taken into account when developing the Contract Price and the record of the components that make up the Contract Price.

Project

The project named in the Contract Data for which the Services are to be provided.

Scope of Work

The document which defines the Employer's objectives and requirements and specifies the Services which must, or may, be provided under the Contract.

Service Provider

The contracting party named in the Contract Data who is employed by the Employer to perform the Services described in the Contract, and legal successors to the Service Provider and legally permitted assignees.

Services

The work to be performed by the Service Provider pursuant to the Contract as described in the Scope of Work.

Start date

The date on which the Services are to commence, as stated in the Contract Data

Subcontractor

A person or body corporate who enters into a subcontract with the Service Provider to perform part of the Services.

2. INTERPRETATION

2.1 Unless inconsistent with the context, an expression which denotes:

- a) any gender includes the other genders;
- b) a natural person includes a juristic person and vice versa;
- c) the singular includes the plural and vice versa.

2.2 If there is any conflict between the provisions of these General Conditions of Contract and the Contract Data, the provisions of the Contract Data shall prevail.

2.3 The clause headings shall not limit, alter or affect the meaning of the Contract.

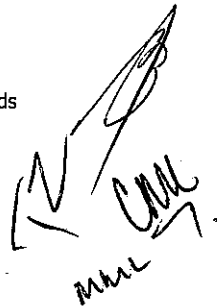
3. GENERAL

3.1 Governing law

Law governing the Contract shall be the law of the Republic of South Africa.

3.2 Change in legislation

If after the commencement of the Contract, the cost or duration of the Services is altered as a result of changes in, or additions to, any statute, regulation or bye-law, or the requirements of any authority having jurisdiction over any matter in respect of the Project, then the Contract Price and time for completion shall be adjusted in order to reflect the impact of those changes, provided



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that, within 14 Days of first having become aware of the change, the Service Provider furnished the Employer with detailed justification for the adjustment to the Contract Price or Period of Performance (or both).

3.3 Language

3.3.1 The language of the Contract and of all communications between the Parties shall be English.

3.3.2 All reports, recommendations and reports prepared by the Service Provider under the Contract shall be in English.

3.4 Notices

3.4.1 Any notice, request, consent, approvals or other communication made between the Parties pursuant to the Contract shall be in writing and forwarded to the address specified in the Contract Data. Such communication shall be deemed to have been made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or one week after having been sent by registered post, or unless otherwise indicated in the Contract Data, when sent by e-mail or facsimile to such Party.

3.4.2 A Party may change its address for receipt of communications by giving the other Party 30 Days advance notice of such change.

3.5 Location

The Services shall be performed at such locations as are specified in the Contract Data, and where the location of a particular task is not so specified, at such locations as the Employer may approve.

3.6 Publicity and publication

Unless otherwise stated in the Contract Data, the Service Provider shall not release public or media statements or publish material related to the Services or Project within two (2) years of completion of the Services without the written approval of the Employer, which approval by the Employer shall not be unreasonably withheld.

3.7 Confidentiality

Both parties shall keep all sensitive information obtained by them in the context of the Contract confidential and shall not divulge it without the written approval of the other Party.

3.8 Variations

3.8.1 The Employer may, without changing the objectives or fundamental scope of the Contract, order variations to the Services in writing or may request the Service Provider to submit proposals, including the time and cost implications, for variations to the Services.

3.8.2 The reasonable cost of preparation and submission of such proposals and the incorporation into the Contract of any variations to the Services ordered by the Employer, including any change in the Contract Price, shall be agreed between the Service Provider and the Employer.

3.8.3 Where a variation is necessitated by default or breach of Contract by the Service Provider, any additional cost attributable to such variation shall be borne by the Service Provider.

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3.9 Changes to the Contract Price or Period of Performance

3.9.1 The Service provider is entitled to apply to the Employer for a chance in Contract Price or the Period of Performance in the event that:

- (a) a change in legislation takes place in accordance with the provisions of Clause 3.2; (b) a variation to the Services is made in accordance with the provisions of Clause 3.8;
- (c) the Employer or Others do not perform an action, provide access to people, places or things or perform work in accordance with the programme (see Clause 3.15);
- (d) the contract is suspended in accordance with the provisions of Clause 8.5;
- (e) the contract is restarted following a suspension; or
- (f) an event occurs which neither Party could prevent and which prevents the Service Provider from completing the Services or a part thereof

3.9.2 The Service Provider shall submit proposals to change the Contract Price or the Period for Completion (or both) to the Employer within 6 weeks of becoming aware of an event described in 3.9.1 occurring, failing which, the Service Provider shall not be entitled to a change in the Contract Price or Period of Performance.

3.9.3 The Employer shall assess the changes to the Contract Price on the effect of the event on the Services based on time-based fees.

3.9.4 The Employer shall assess the changes to the Period of Performance on the basis of the time that planned completion as shown on the latest approved programme is delayed.

3.10 Sole agreement

The Contract constitutes the sole agreement between the Parties for the performance of the Services and any representation not contained therein shall not be of any force or effect. No amendments will be of any force or effect unless reduced to writing and signed by both Parties.

3.11 Indemnification

The Service Provider shall, at his own expense, indemnify, protect and defend the Employer, its agents and employees, from and against all actions, claims, losses and damage arising from any negligent act or omission by the Service Provider in the performance of the Services, including any violation of legal provisions, or rights of others, in respect of patents, trade marks and other forms of intellectual property such as copyrights.

3.12 Penalty

3.12.1 If due to his negligence, or for reasons within his control, the Service Provider does not perform the Services within the Period of Performance, the Employer shall without prejudice to his other remedies under the Contract or in law, be entitled to levy a penalty for every Day or part thereof, which shall elapse between the end of the period specified for performance, or an extended Period of Performance, and the actual date of completion, at the rate and up to the maximum amount stated in the Contract Data.

3.12.2 If the Employer has become entitled to the maximum penalty amount referred to in 3.12.1, he may after giving notice to the Service Provider:

- a) terminate the Contract
- b) complete the Service at the Service Provider's cost.



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3.13 Equipment and materials furnished by the Employer

- 3.13.1 Equipment and materials made available to the Service Provider by the Employer, or purchased by the Service Provider with funds provided by the Employer for the performance of the Services shall be the property of the Employer and shall be marked accordingly. Upon termination or expiration of the Contract, the Service Provider shall make available to the Employer an inventory of such equipment and materials and shall dispose of them in accordance with the Employer's instructions.
- 3.13.2 The Service Provider shall, at his own expense, insure the equipment and materials referred to in 3.13.1 for their full replacement value.

3.14 Illegal and impossible requirements

The Service Provider shall notify the Employer immediately, on becoming aware that the Contract requires him to undertake anything which is illegal or impossible.

3.15 Programme

- 3.15.1 The Service Provider shall, within the time period set out in the Contract Data and whenever a programme is amended or revised, submit for the Employer's approval a programme for the performance of the Services which shall, *inter alia*, include:
- a) the order and timing of operations by the Service Provider and any actions, access to people, places and things and work required of the Employer and Others;
 - b) the dates by which the Service Provider plans to complete work needed to allow the Employer and Others to undertake work required of them;
 - c) provisions for float;
 - d) the planned completion of the Services or part thereof in relation to a Period of Performance; and
 - e) other information as required in terms of the Scope of Work or Contract Data.
- 3.15.2 The Employer may, during the course of the Contract, request the Service Provider to amend the programme. Where this is not practicable, the Service Provider shall advise the Employer accordingly and advise him of alternative measures, if any, which might be taken.
- 3.15.3 A programme shall be deemed to be approved if the Employer fails to approve such programme or give reasons for not approving a programme within three weeks of receipt of a request by the Service Provider to approve a programme.
- 3.15.4 The Service Provider shall update the programme:
- a) unless otherwise stated in the Contract Data, every three months to reflect actual progress to date;
 - b) whenever a change in Period of Performance or Contract Price is applied for; and
 - c) whenever a change in the Period of Performance is changed by the Employer
- and submit such revised programme to the Employer for approval.

3.16 Price adjustment to time-based fees for inflation

- 3.16.1 Time-based fees which are stated in the Pricing Data as a unique rate and are not calculated by multiplying the total annual cost of employment contained, shall unless otherwise stated in the Contract Data, be adjusted in terms of 3.16.2 on each anniversary of the Starting Date.

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3.16.2 The adjustment to the time-based fees shall be equal to:

$$(CPI_n - CPI_s) / CPI_s$$

Where CPI_s = the indices specified in the Contract Data during the month in which the start date falls

CPI_n = the latest indices specified in Contract Data during the month in which the anniversary of the Start Date falls

4. EMPLOYER'S OBLIGATIONS

4.1 Information

4.1.1 The Employer shall timeously provide to the Service Provider, free of cost, all available information and data in the Employer's possession which may be required for the performance of the Services.

4.1.2 The Employer shall provide the Service Provider with reasonable assistance required in obtaining other relevant information that the latter may require in order to perform the Services.

4.2 Decisions

The Employer shall, within a reasonable time, give his decision on any matter properly referred to him in writing by the Service Provider so as not to delay the performance of Services.

4.3 Assistance

4.3.1 The Employer shall co-operate with the Service Provider and shall not interfere with or obstruct the proper performance of the Services. The Employer shall as soon as practicable

- a) authorise the Service Provider to act as his agent insofar as may be necessary for the performance of the Services;
- b) provide all relevant data, information, reports, correspondence and the like, which become available;
- c) procure the Service Provider's ready access to premises, or sites, necessary for the performance of the Services;
- d) assist in the obtaining of all approvals, licenses and permits from state, regional and municipal authorities having jurisdiction over the Project, unless otherwise stated in the Contract Data;

4.3.2 Unless otherwise communicated, the authorised and designated person named in the Contract Data has complete authority in giving instructions and receiving communications on the Employer's behalf and interpreting and defining the Employer's policies and requirements in regard to the Services.

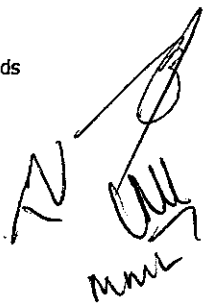
4.4 Services of Others

The Employer shall, at his own cost, engage such Others as may be required for the execution of work not included in the Services, but which is necessary for the completion of the Project.

4.5 Notification of material change or defect

The Employer shall immediately advise the Service Provider on becoming aware of:

- a) any matter other than a change in legislation which will materially change, or has changed the Services; or
- b) a material defect or deficiency in the Services.



4.6 Issue of instructions

Where the Service Provider is required to administer the work or services of Others, or any contract or agreement, on behalf of the Employer, then the Employer shall issue instructions related to such work, services, contract or agreement only through the Service Provider.

4.7 Payment of Service Provider

The Employer shall pay the Service Provider the Contract Price in accordance with the provisions of the Contract.

5. SERVICE PROVIDER'S OBLIGATIONS

5.1 General

5.1.1 The Service Provider shall perform the Services in accordance with the Scope of Work with all reasonable care, diligence and skill in accordance with generally accepted professional techniques and standards.

5.1.2 If the Service Provider is a joint venture or consortium of two or more persons, the Service Provider shall designate one person to act as leader with authority to bind the joint venture or consortium. Neither the composition nor the constitution of the joint venture or consortium shall be altered without the prior consent in writing of the Employer, which shall not be unreasonably withheld.

5.2 Exercise of authority

The Service Provider shall have no authority to relieve Others appointed by the Employer to undertake work or services on the Project of any of their duties, obligations, or responsibilities under their respective agreements or contracts, unless expressly authorised by the Employer in response to an application by the Service Provider in writing to do so.

5.3 Designated representative

Unless otherwise communicated, the authorised and designated person named in the Contract Data has complete authority to receive instructions from and give information to the Employer on behalf of the Service Provider.

5.4 Insurances to be taken out by the Service Provider

5.4.1 The Service Provider shall as a minimum and at his own cost take out and maintain in force all such insurances as are stipulated in the Contract Data.

5.4.2 The Service Provider shall, at the Employer's request, provide evidence to the Employer showing that the insurance required in terms of Clause 5.4.1 has been taken out and maintained in force.

5.5 Service Provider's actions requiring Employer's prior approval

The Service Provider shall obtain the Employer's prior approval in writing before taking, inter alia, any of the following actions:

- a) appointing Subcontractors for the performance of any part of the Services,
- b) appointing Key Persons not listed by name in the Contract Data.
- c) any other action that may be specified in the Contract Data.

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5.6 Co-operation with Others

If the Service Provider is required to perform the Services in co-operation with Others he may make recommendations to the Employer in respect of the appointment of such Others. The Service Provider shall, however, only be responsible for his own performance and the performance of Subcontractors unless otherwise provided for.

5.7 Notice of change by Service Provider

On becoming aware of any matter which will materially change or has changed the Services, the Service Provider shall within 14 Days thereof give notice to the Employer.

6. CONFLICTS OF INTEREST

6.1 Service Provider not to benefit from commissions, discounts, etc.

The remuneration of the Service Provider under the Contract shall constitute the Service Provider's sole remuneration in connection with the Contract, or the Services, and the Service Provider shall not accept for his own benefit any trade commission, discount, or similar payment in connection with activities pursuant to the Contract, or in the discharge of his obligations under the Contract, and shall use his best efforts to ensure that the Personnel, any Subcontractors, and agents of either of them shall, similarly, not receive any additional remuneration.

6.2 Royalties and the like

The Service Provider shall not have the benefit, whether directly or indirectly, of any royalty or of any gratuity or commission in respect of any patented or protected article or process used in or for the purposes of the Contract, or Project, unless so agreed by the Employer in writing.

6.3 Independence

The Service Provider shall refrain from entering into any relationship which could be perceived as compromising his independence of judgement, or that of Subcontractors or Personnel.

7. SERVICE PROVIDER'S PERSONNEL

7.1 General

7.1.1 The Service Provider shall employ and provide all qualified and experienced Personnel required to perform the Services.

7.1.2 Where required in terms of the Contract, the Service Provider shall provide Key Persons as listed in the Contract Data to perform specific duties. If at any time, a particular Key Person cannot be made available, the Service Provider may engage a replacement who is equally or better qualified to perform the stated duty, subject to the Employer's approval, which approval shall not be unreasonably withheld.

7.1.3 Where the fees for the Services are time-based, the fee payable for a person provided as a replacement to a named Key Person shall not exceed that which would have been payable to the person replaced.

7.1.4 The Service Provider shall bear all additional costs arising out of or incidental to replacement of Personnel, except where such replacement is otherwise provided for in the Contract.

7.1.5 The Service Provider shall take all measures necessary and shall provide all materials and

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equipment necessary to enable Personnel to perform their duties in an efficient manner.

7.2 Provision of Personnel in terms of a Personnel Schedule

- 7.2.1 The Service Provider shall, where required in terms of the Contract Data, provide appropriate Personnel for such time periods as required in terms of the Contract and enter all data pertaining to Personnel including titles, job descriptions, qualifications and estimated periods of engagement on the performance of the Services in the Personnel Schedule.
- 7.2.2 Where the Service Provider proposes to utilise a person not named in the Personnel Schedule, he shall submit the name, relevant qualifications and experience of the proposed replacement person to the Employer for approval. Should the Employer not object in writing within 10 Days of receipt of such notification, the replacement shall be deemed to have been approved by the Employer.
- 7.2.3 The Services shall be performed by the Personnel listed in the Personnel Schedule for the periods of time indicated therein. The Service Provider may, subject to the approval of the Employer, make such adjustments to the data provided in terms of Clause 7.2.1 above as may be appropriate to ensure the efficient performance of the Services, provided that the adjustments will not cause payments to exceed any limit placed on the Contract Price.
- 7.2.4 The Service Provider shall, if required in terms of Clause 7.2.1:
- a) forward to the Employer for approval, within 15 Days of the award of the Contract, the Personnel Schedule and a timetable for the placement of Personnel.
 - b) inform the Employer of the date of commencement and departure of each member of Personnel during the course of the Project.
 - c) submit to the Employer for his approval a timely request for any proposed change to Personnel, or timetables.

8. COMMENCEMENT, COMPLETION, MODIFICATION, SUSPENSION AND TERMINATION

8.1 Commencement of Services

The Service Provider shall commence the performance of the Services within the period stated in the Contract Data.

8.2 Completion

- 8.2.1 Unless terminated in terms of the Contract, or otherwise specified in the Contract Data, the Contract shall be concluded when the Service Provider has completed all Deliverables in accordance with the Scope of Work.
- 8.2.2 The Service Provider may request an extension to the Period of Performance if he is or will be delayed in completing the Contract by any of the following causes:
- a) additional Services ordered by the Employer;
 - b) failure of the Employer to fulfill his obligations under the Contract;
 - c) any delay in the performance of the Services which is not due Provider's default;
 - d) *Force Majeure*; or
 - e) suspension.
- 8.2.3 The Service Provider shall within 14 Days of becoming aware that a delay may occur or has occurred, notify the Employer of his intention to make a request for the extension of the Period of Performance to which he considers himself entitled and shall within 30 days after the delay ceases deliver to the Employer full and detailed particulars of the request.

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8.2.4 The Employer shall, within 30 Days of receipt of a detailed request, grant such extension to the Period of Performance as may be justified, either prospectively or retrospectively, or inform the Service Provider that he is not entitled to an extension. Should the Service Provider find the decision of the Employer to be unacceptable he shall, nevertheless, abide by such decision in the performance of the Services and the matter shall be dealt with as a dispute in terms of Clause 12.

8.3 Force Majeure

8.3.1 The failure of a Party to fulfill any of its obligations under the Contract shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of *Force Majeure*, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures in order to meet the terms and conditions of this Contract, and has informed the other Party as soon as possible about the occurrence of such an event.

8.3.2 In the event that the performance of the Services has to be suspended on the grounds of *Force Majeure*, the Period of Performance shall be extended by the extent of the delay plus a reasonable period for the resumption of work.

8.3.3 During the period of his inability to perform the Services as a result of an event of *Force Majeure*, the Service Provider shall be entitled to any payment due in terms of the Contract and shall be reimbursed for additional costs reasonably and necessarily incurred by him in suspending, delaying and re-activating the performance of the Services.

8.4 Termination

8.4.1 The Employer may terminate the Contract:

- (a) where the Services are no longer required;
- (b) where the funding for the Services is no longer available;
- (c) if the Service Provider does not remedy a failure in the performance of his obligations under the Contract within thirty (30) Days after having been notified thereof, or within any further period as the Employer may have subsequently approved in writing;
- (d) if the Service Provider becomes insolvent or liquidated; or
- (e) if, as the result of *Force Majeure*, the Service Provider is unable to perform a material portion of the Services for a period of not less than sixty (60) Days;

8.4.2 The Employer shall give the Service Provider not less than thirty (30) Days written notice of any termination made in terms of 8.4.1 (a) or (b).

8.4.3 The Service Provider may terminate the Contract, by giving not less than thirty (30) Days written notice to the Employer after the occurrence of any of the following events:

- (a) if the Employer fails to pay any monies due to the Service Provider in terms of the Contract and not subject to dispute pursuant to Clause 12 within forty-five (45) Days after receiving written notice from the Service Provider that such payment is overdue; or
- (b) if, as the result of *Force Majeure*, the Service Provider is unable to perform a material portion of the Services for a period of not less than sixty (60) Days; or
- (c) when the Services have been suspended under Clause 8.5 and the period of suspension exceeds the period stated in the Contract Data, or it is clear to the Service Provider that it will be impossible or impractical to resume the suspended Services before the period of suspension has exceeded the period stated in the Contract Data; or
- (d) if the Employer is in material breach of a term of the Contract and fails to rectify such breach within 30 Days of the receipt of written notice requiring him to do so.

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8.4.4 Upon termination of this Contract pursuant to Clauses 8.4.1 or 8.4.3, the Employer shall remunerate the Service Provider in terms of the Contract for Services satisfactorily performed prior to the effective date of termination and reimburse the Service Provider any reasonable cost incident to the prompt and orderly termination of the Contract, except in the case of termination pursuant to events (c) and (d) of Clause 8.4.1.

8.4.5 Should the Service Provider, being an individual or the last surviving principal of a partnership or body corporate, die or be prevented by illness or any other circumstances beyond his control from performing the obligations implied by the Contract, the Contract shall be terminated without prejudice to the accrued rights of either Party against the other.

8.5 Suspension

8.5.1 The Employer may temporarily suspend all or part of the Services by notice to the Service Provider who shall immediately make arrangements to stop the performance of the Services and minimise further expenditure.

8.5.2 When Services are suspended, the Service Provider shall be entitled to pro-rata payment for the Services carried out and reimbursement of all reasonable cost incident to the prompt and orderly suspension of the Contract.

8.6 Rights and liabilities of the Parties

Completion, suspension or termination of the Contract shall not prejudice or affect the accrued rights or liabilities of the Parties.

9. OWNERSHIP OF DOCUMENTS AND COPYRIGHT

9.1 Copyright of all documents prepared by the Service Provider in accordance with the relevant provisions of the copyright Act (Act 98 of 1978) relating to Project shall be vested in the party named in the Contract Data. Where copyright is vested in the Service Provider, the Employer shall be entitled to use the documents or copy them only for the purposes for which they are intended in regard to the Project and need not obtain the Service Provider's permission to copy for such use. Where copyright is vested in the Employer, the Service Provider shall not be liable in any way for the use of any of the information other than as originally intended for the Project and the Employer hereby indemnifies the Service Provider against any claim which may be made against him by any party arising from the use of such documentation for other purposes.

9.2 The ownership of data and factual information collected by the Service Provider and paid for by the Employer shall, after payment by the Employer, lie with the Employer.

9.3 The Employer shall have no right to use any documents prepared by the Service Provider whilst the payment of any fees and expenses due to the Service Provider in terms of the Contract is overdue.

10. SUCCESSION AND ASSIGNMENT

10.1 Except as defined in Clause 8.4.4 above, each Party binds itself and its partners, successors, executors, administrators, assigns and legal representatives to the other Party and to the other partners, successors, executors, administrators, assigns and legal representatives of the other Party in respect of all obligations and liabilities of the Contract.

10.2 An assignment shall be valid only if it is a written agreement by which the Service Provider transfers his rights and obligations under the Contract, or part thereof, to others.

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10.3 The Service Provider shall not, without the prior written consent of the Employer, assign the Contract or any part thereof, or any benefit or interest thereunder, except in the following cases:

- (a) by a charge in favour of the Service Provider's bankers of any monies due or to become due under the Contract; or
- (b) by assignment to the Service Provider's insurers of the Service Provider's right to obtain relief against any other person liable in cases where the insurers have discharged the Service Provider's loss or liability.

10.4 The approval of an assignment by the Employer shall not relieve the Service Provider of his obligations for the part of the Contract already performed or the part not assigned.

10.5 If the Service Provider has assigned his Contract or part thereof without authorization, the Employer may forthwith terminate the Contract and the third party will have no claim against the Employer resulting from such termination.

11. SUBCONTRACTING

11.1 A Service Provider may not subcontract any work which he has the skill and competency to perform, unless otherwise permitted in the Contract Data.

11.2 A subcontract, where permitted in terms of the Contract Data, shall be valid only if it is a written agreement by which the Service Provider entrusts performance of a part of the Services to Others.

11.3 The Service Provider shall not subcontract to nor engage a Subcontractor to perform any part of the Services without the prior written authorization of the Employer. The services to be subcontracted and the identity of the Subcontractor shall be notified to the Employer. The Employer shall, within 14 Days of receipt of the notification and a full motivation why such services are to be subcontracted, notify the Service Provider of his decision, stating reasons, should he withhold such authorization. If the Service Provider enters into a subcontract with a Subcontractor without prior approval, the Employer may forthwith terminate the Contract.

11.4 The Employer shall have no contractual relationships with Subcontractors. However, if a Subcontractor is found by the Employer to be incompetent, the Employer may request the Service Provider either to provide a Subcontractor with qualifications and experience acceptable to the Employer as a replacement, or to resume the performance of the relevant part of the Services himself.

11.5 The Service Provider shall advise the Employer without delay of the variation or termination of any subcontract for performance of all or part of the Services.

11.6 The Service Provider shall be responsible for the acts, defaults and negligence of Subcontractors and their agents or employees in the performance of the Services, as if they were the acts, defaults or negligence of the Service Provider, his agents or employees. Approval by the Employer of the subcontracting of any part of the Contract or of the engagement by the Service Provider of Subcontractors to perform any part of the Services shall not relieve the Service Provider of any of his obligations under the Contract.

12. RESOLUTION OF DISPUTES

12.1 Settlement

12.1.1 The Parties shall negotiate in good faith with a view to settling any dispute or claim arising out of or relating to the Contract and may not initiate any further proceedings until either Party has, by written notice to the other, declared that such negotiations have failed.

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12.1.2 Any dispute or claim arising out of or relating to the Contract which cannot be settled between the Parties shall in the first instance be referred by the Parties to either mediation or adjudication as provided for in the Contract Data.

12.2 Mediation

12.2.1 If the Contract Data does not provide for dispute resolution by adjudication, not earlier than 14 Days after having advised the other Party, in terms of Clause 12.1, that negotiations in regard to a dispute have failed, an aggrieved Party may require that the dispute be referred, without legal representation, to mediation by a single mediator. The mediator shall be selected by agreement between the Parties, or, failing such agreement, by the person named for this purpose in the Contract Data. The costs of the mediation shall be borne equally by the Parties.

12.2.2 The mediator shall convene a hearing of the Parties and may hold separate discussions with any Party and shall assist the Parties in reaching a mutually acceptable settlement of their differences through means of reconciliation, interpretation, clarification, suggestion and advice. The Parties shall record such agreement in writing and thereafter they shall be bound by such agreement.

12.2.3 The mediator is authorised to end the mediation process whenever in his opinion further efforts at mediation would not contribute to a resolution of the dispute between the Parties.

12.2.4 If either Party is dissatisfied with the opinion expressed by the mediator or should the mediation fail, then such Party may require that the dispute be referred to arbitration or litigation in a competent civil court, as provided for in the Contract Data.

12.3 Adjudication

12.3.1 If the Contract Data does not provide for dispute resolution by mediation, an aggrieved Party may refer the dispute to adjudication. Adjudication shall be in accordance with the latest edition of the separately published CIDB Adjudication Procedures.

12.3.2 The adjudicator shall be appointed in terms of the Adjudicator's Agreement bound in the Construction Industry Development Board's Adjudication Procedure.

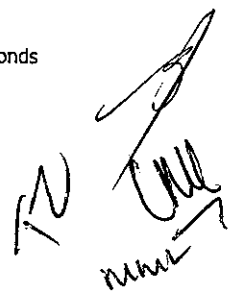
12.3.3 The Adjudicator shall be any person agreed to by the parties or, failing such agreement, shall be nominated by the person named in the Contract Data. The Adjudicator shall be appointed in accordance with the Adjudicator's Agreement contained in the CIDB Adjudication Procedure.

12.3.4 If a Party is dissatisfied with the decision of the Adjudicator, the Party may give the other Party notice of dissatisfaction within 28 Days of the receipt of that decision and refer the dispute to arbitration or litigation in a competent civil court as provided for in the Contract Data. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties.

12.4 Arbitration

12.4.1 Arbitration, where provided for in the Contract Data, shall be by a single arbitrator in accordance with the provisions of the Arbitration Act of 1965 as amended and shall be conducted in accordance with such procedure as may be agreed between the Parties or, failing such agreement, in accordance with the Rules for the Conduct of Arbitrations published by the Association of Arbitrators current at the date the arbitrator is appointed.

12.4.2 The arbitrator shall be mutually agreed upon or, failing agreement, to be nominated by the person named in the Contract Data.

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13. LIABILITY

13.1 Liability of the Service Provider

13.1.1 The Service Provider shall be liable to the Employer arising out of or in connection with the Contract if a breach of Clause 5.1 is established against him.

13.1.2 The Service Provider shall correct a Defect on becoming aware of it. If the Service Provider does not correct a Defect within a reasonable time stated in a notification and the Defect arose from a failure of the Service Provider to comply with his obligation to provide the Services, the Service Provider shall pay to the Employer the amount which the latter assesses as being the cost of having such Defect corrected by Others.

13.1.3 All persons in a joint venture or consortium shall be jointly and severally liable to the Employer in terms of this Contract and shall carry individually the minimum levels of insurance stated in the Contract Data, if any.

13.2 Liability of the Employer

The Employer shall be liable to the Service Provider arising out of or in connection with the Contract if a breach of an obligation of his in terms of the Contract is established. The Service Provider shall have no separate delictual right of action against the Employer.

13.3 Compensation

If it is established that either Party is liable to the other, compensation shall be payable only on the following terms:

- (a) Compensation shall be limited to the amount of reasonably foreseeable loss and damage suffered as a result of the breach.
- (b) In any event, the amount of compensation will be limited to the amount specified in Clause 13.5.

13.4 Duration of Liability

Notwithstanding the terms of the Prescription Act No. 68 of 1969 (as amended) or any other applicable statute of limitation neither the Employer nor the Service Provider shall be held liable for any loss or damage resulting from any occurrence unless a claim is formally made within the period stated in the Contract Data or, where no such period is stated, within a period of three years from the date of termination or completion of the Contract.

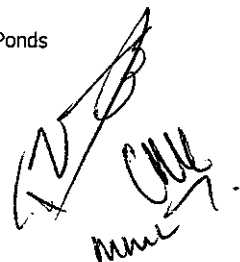
13.5 Limit of Compensation

13.5.1 Unless otherwise indicated in the Contract Data, the maximum amount of compensation payable by either Party to the other in respect of liability under the Contract is limited to:

- a) the sum insured in terms of 5.4 in respect of insurable events; and
- b) the sum stated in the Contract Data or, where no such amount is stated, to an amount equal to twice the amount of fees payable to the Service Provider under the Contract, excluding reimbursement and expenses for items other than salaries of Personnel, in respect of non-insurable events.

13.5.2 Each Party agrees to waive all claims against the other insofar as the aggregate of compensation which might otherwise be payable exceeds the aforesaid maximum amount payable.

13.5.3 If either Party makes a claim for compensation against the other Party and this is not established, the claimant shall reimburse the other for his reasonable costs incurred as a



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result of the claim or if proceedings are initiated in terms of Clause 12 for such costs as may be awarded.

13.6 Indemnity by the Employer

Unless otherwise indicated in the Contract Data, the Employer shall indemnify the Service Provider against all claims by third parties which arise out of or in connection with the performance of the Services save to the extent that such claims do not in the aggregate exceed the limit of compensation in Clause 13.5, if applicable, or are covered by the insurances arranged under the terms of Clause 5.4.

13.7 Exceptions

13.7.1 Clauses 13.5 and 13.6 shall not apply to claims arising from deliberate misconduct.

13.7.2 The Service Provider shall have no liability whatsoever for actions, claims, losses or damages occasioned by:

- a) the Employer omitting to act on any recommendation, or overriding any act, decision or recommendation, of the Service Provider, or requiring the Service Provider to implement a decision or recommendation with which the Service Provider disagrees or on which he expresses a serious reservation; or
- b) the improper execution of the Service Provider's instructions by agents, employees or independent contractors of the Employer.

14. REMUNERATION AND REIMBURSEMENT OF SERVICE PROVIDER

The Employer shall remunerate and reimburse the Service Provider for the performance of the Services as set out in the Pricing Data. If not otherwise stated in the Pricing Data, the following shall apply:

- 14.1** The Service Provider shall be entitled to render interim monthly accounts for fees and reimbursements throughout the duration of the Contract. Interim amounts of lump sum fees due shall be based on progress.
- 14.2** Amounts due to the Service Provider shall be paid by the Employer within thirty (30) Days of receipt by him of the relevant invoices. If the Service Provider does not receive payment by the due date, he shall be entitled to charge interest on the unpaid amount, which is payable by the Employer, at the prime interest rate charged by his bank and certified by such bank, plus 2% per annum, and calculated from the due date of payment.
- 14.3** If any item or part of an item in an invoice submitted by the Service Provider is disputed by the Employer, the latter shall, before the due date of payment, give notice thereof with reasons to the Service Provider, but shall not delay payment of the balance of the invoice. Clause 14.2 shall apply to disputed amounts which are finally determined to be payable to the Service Provider.
- 14.4** In respect of Services charged for on a time-basis and all other reimbursable expenses the Service Provider shall maintain records in support of such charges and expenses for a period of twenty four months after the completion or termination of the Contract. Within this period the Employer may, on not less than 14 Days notice, require that a reputable and independent firm of accountants, nominated by him at his expense, audit any claims made by the Service Provider for time charges and expenses by attending during normal working hours at the office where the records are maintained.

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15. AMOUNTS DUE TO THE EMPLOYER

Amounts due to the Employer shall be paid by the Service Provider within thirty (30) Days of receipt by him of the relevant invoices. If the Employer does not receive payment by the due date, he shall be entitled to charge interest on the unpaid amount, which is payable by the Service Provider, at the rate stated in the Contract Data, calculated from the due date for payment.

Should the Service Provider fail to pay any amount due to the Employer within the period of thirty (30) Days of receipt by him of the relevant invoices, the Employer shall be entitled to suspend the Services until such time as the amount due to the Employer is paid in full. The Employer shall not be liable for any interest or charges payable by the Service Provider in respect of any amount due to the Employer.

15.1.1 The Service Provider shall be responsible for the payment of all amounts due to the Employer.

15.1.2 The Service Provider shall be responsible for the payment of all amounts due to the Employer.

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15.5 The Service Provider shall be responsible for the payment of all amounts due to the Employer.

15.6 The Service Provider shall be responsible for the payment of all amounts due to the Employer.

15.7 The Service Provider shall be responsible for the payment of all amounts due to the Employer.

C1. CONTRACT DATA

The Conditions of Contract are the *Standard Professional Services Contract (July 2009)* published by the Construction Industry Development Board.

Each item of data given below is cross-referenced to the clause in the Conditions of Contract to which it mainly applies.

Part 1: Data provided by the Employer

Clause		Guidance notes
	The Employer is the Setsoto Local Municipality	
3.4 and 4.3.2	<p>The authorised and designated representative of the Employer is: Municipal Manager Name: BJ Mthembu</p> <p>The address for receipt of communications is: Telephone: 051 933 9302 Facsimile: 051 933 9363 E-mail: manager@setsoto.co.za Address: 27 Voortrekker Street Ficksburg 9730</p>	
1	The Project is Upgrading of the Marquard Oxidation Ponds in Moemaneng and Marquard	
1	The Period of Performance is - Until project completion	<i>Not required if the Service Provider is required to complete this item.</i>
1	The Start Date is 22 June 2006	<i>Insert the date on which Services are to commence.</i>
3.4.1	Communications by e-mail / facsimile is permitted	<i>Omit is permitted. Delete that which is not applicable.</i>
3.5	The location for the performance of the Project is Moemaneng and Marquard	<i>Omit is not required</i>
3.6	The Service Provider may not release public or media statements or publish material related to the Services or Project under any circumstances.	<i>Omit if standard provisions in clause 3.6 are to apply.</i>
3.9.2	The time-based fees used to determine changes to the Contract Price are as stated in the Pricing Data.	<i>Omit if time-based charges are to be negotiated.</i>
3.12	The penalty payable is Nil per Day subject to a maximum amount of Nil .	

3.15.1	The programme shall be submitted within 14 Days of the award of the Contract.	<i>Not required if programme is to be submitted with the tender.</i>
3.15.2	The Service Provider shall update the programme at intervals not exceeding 8 weeks .	<i>Insert number of weeks e.g. 5, if require more frequently than once a quarter.</i>
3.16	The time-based fees where applicable shall be adjusted for inflation in line with the latest applicable Guideline Scope of services and Tariff of Fees.	<i>Omit if the default provisions are appropriate.</i>
13.16.1	The indices are those contained in Table A of P0141 Consumer Price Index for the CPI for all services published by Statistics South Africa.	<i>Omit if no adjustment is to be made for inflation. Amend if necessary.</i>
4.2	A reasonable time for the Employer to give his decision is a period not exceeding 3 weeks	
4.3.1(d)	The Service Provider is required to assist in the obtaining of approvals, licenses and permits from the state, regional and municipal authorities having jurisdiction over the Project	<i>Omit if the Service Provider is required to do so. Reword as necessary</i>
5.4.1	The Service Provider is required to provide Professional Indemnity cover as set out in the Professional Indemnity Schedule with a minimum value of R 2 million per claim. Refer to the attached Professional Indemnity Certificate.	<i>State requirements for professional indemnity insurance, if any</i>
	The Service Provider is required to provided the following additional insurances: N/A	<i>State requirements for other insurances if required.</i>
5.5	The Service Provider is required to obtain the Employer's prior approval in writing before taking any of the following actions: 1 N/A 2 N/A	
7.2	The Service Provider is required to provide personnel in accordance with the provisions of clause 7.2 and to complete the Personnel Schedule.	<i>Omit if this is not a requirement.</i>
8.1	The Service Provider is to commence the performance of the Services within 14 Days of date that the Contract becomes effective.	<i>Insert number of day or amend as appropriate.</i>
8.2.1	The Contract is concluded when the project is completed (Completion Report Issued)	<i>Omit if standard provisions of Clause 8.2.1 are appropriate.</i>
8.4.3 (c)	The period of suspension under clause 8.5 is not to exceed 3 months	<i>State maximum period for suspension.</i>

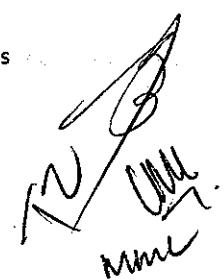
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9.1	Copyright of documents prepared for the Project shall be vested with the Setsoto Local Municipality	<i>Enter Employer or Service Provider</i>
11.1	A Service Provider may not subcontract any work which he has the skill and competency to perform.	<i>Omit if not permitted</i>
12.1	Interim settlement of disputes is to be by mediation The mediator will be selected by agreement between the parties or failing such agreement within 7 days by a nominee of the President of the South African Institution of Civil Engineering.	<i>Delete the option that is not selected</i>
12.2.4	Final settlement is by arbitration	<i>Delete the option that is not selected</i>
12.4.2	The Arbitrator is the person appointed by agreement between the parties or failing such agreement within 7 days by a nominee of the President of the Association of Arbitrators of Southern Africa. The Arbitrator must be registered with the Association of Arbitrators of Southern Africa (Tel No. 011 884 9164/5, Fax No. 011 884 9167)	<i>Insert particulars of person who appoints</i>
13.1.3	All persons in a joint venture or consortium shall carry a minimum professional indemnity insurance of R 5 million	<i>Delete if not a requirement or amend wording as required.</i>
13.4	Neither the Employer nor the Service Provider is liable for any loss or damage resulting from any occurrence unless a claim is formally made within 12 months from the date of termination or completion of the Contract.	<i>Not required if the standard provisions of Clause 13.4 are acceptable.</i>
15	The interest rate will be prime interest rate of the Employers bank at the time that the amount is due. Or the interest rates will be the applicable interest rate of the Employer's bank at the time of the claim.	<i>Describe interest payable. Amend wording as applicable.</i>
	The additional conditions of contract are: Refer to the Schedule of Deviations, Item 1 - Supervision and Monitoring	<i>Insert additional conditions of contract or delete row:</i>

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Part 2: Data provided by the Service Provider

Clause		<i>Guidance notes</i>
1	<p>The Service Provider is ISA & Partners (Pty) Ltd</p> <p>Address: 66 Nyala Street, Doorn, Welkom, 9459</p> <p>Telephone: 057 352 4099</p> <p>Faxsimile: 057 352 6116</p>	
5.3	<p>The authorised and designated representative of the Service Provider is:</p> <p>Name: CN Kimaru Pr. Eng.</p> <p>The address for receipt of communications is:</p> <p>Telephone: 057 352 4099</p> <p>Faxsimile: 057 352 6116</p> <p>Address: 66 Nyala Street, Doorn, Welkom, 9459</p>	
1	<p>The Period of Performance is until the project is completed.</p>	<i>Omit if employer specifies Period of Performance</i>
5.5 7.1.2	<p>The Key Persons and their jobs / functions in relation to the services are: Refer to the attached Personnel schedule.</p>	<i>Provide if a requirement</i>



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Form of offer and acceptance

Offer

The Employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

DESIGN AND CONSTRUCTION SUPERVISION SERVICES FOR THE UPGRADING OF THE MARQUARD/MOEMANENG OXIDATION PONDS IN MOEMANENG/MARQUARD

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

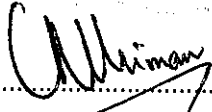
By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the Service Provider under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the Contract Data.

The offered total of the Prices inclusive of Value Added Tax is

Two Million, Two Hundred and Thirty Thousand, Four Hundred and Thirty Four Rand and Seventy Eight Cents (in words); **R 2,230,434.78** (in figures).

This offer may be accepted by the Employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the validity period stated in the tender data, whereupon the tenderer becomes the party named as the Service Provider in the conditions of contract identified in the Contract Data.

Signature (s)



Name (s)

CHRIS N. KIMARU

Capacity

DIRECTOR

for the

tenderer

ISA & PARTNERS (PTY) LTD CONSULTING ENGINEERS & PROJECT MANAGERS
(Name and address of organization)

Name and signature of witness

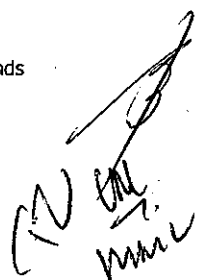
MORENO LEPIKOE

Date

7/04/2011

Acceptance

By signing this part of this form of offer and acceptance, the Employer identified below accepts the tenderer's offer. In consideration thereof, the Employer shall pay the Service Provider the amount due in accordance with the conditions of contract identified in the Contract Data. Acceptance of the tenderer's offer shall form an agreement between the Employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.



The term of the contract, are contained in:

Part C1 Agreements and contract data, (which includes this agreement)

Part C2 Pricing data

Part C3 Scope of work

and drawings and documents or parts thereof, which may be incorporated by reference into Parts C1 to C3 above.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the tender schedules as well as any changes to the terms of the offer agreed by the tenderer and the Employer during this process of offer and acceptance, are contained in the schedule of deviation attached to and forming part of this agreement.

The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the Contract Data. Failure to fulfill any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now Service Provider) within five working days of the date of such receipt notifies the Employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.¹

Signature(s)

B. J. MTHEMBU

Name(s)

B. J. MTHEMBU

Capacity

Municipal Manager

for the Employer

SETSOTO LOCAL MUNICIPALITY, FICKSBURG

(Name and address of organization)

Name and signature of witness

MORENO LEPTIKOE

DATE

03/05/2011

¹ As an alternative, the following wording may be used:

Notwithstanding anything contained herein, this agreement comes into effect two working days after the submission by the employer of one fully completed original copy of this document including the schedule of deviations (if any), to a courier-to-counter delivery / counter-to-counter delivery / door-to-counter delivery / door-to-door delivery / courier service (delete that which is not applicable), provided that the employer notifies the tenderer of the tracking number within 24 hours of such submission. Unless the tenderer (now Service Provider) within seven working days of the date of such submission notifies the Employer in writing of any reason why he cannot accept the contents of this agreement shall constitute a binding contract between the parties.

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Schedule of Deviations

Notes:

- 1. The extent of deviations from the tender documents issued by the employer before the tender closing date is limited to those permitted in terms of the conditions of tender
- 2. A tenderer's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
- 3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.
- 4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1 Subject: **Supervision and Monitoring**

Details: **Notwithstanding the provisions of Clause 5 the Standard Professional Services Contract and any other contractual duty imposed on the Consultants in terms of contract documents, the Client undertakes to exhaust all its contractual remedies against the Contractor, before exercising any contractual rights of recourse it may have against the Consultant in the event of the Client suffering any damages as a result of any breach by the Contractor of his obligations in terms of the contract documents."**

2 Subject _____

Details _____

3 Subject _____

Details _____

4 Subject _____

Details _____

By the duly authorised representative signing this agreement, the Employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

[Handwritten signature and initials]

PART C2 - PRICING DATA



C2.1 - PROFESSIONAL FEES

The professional fees are based on the latest applicable Guideline Scope of Services and Tariff of Fees for Persons Registered in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000)

PROFESSIONAL FEES, SITE SUPERVISION AND DISBURSEMENT COSTS CALCULATION

ACCOUNT FOR PROFESSIONAL FEES (Basic Fees - Gazette No. 28774 - 13 April 2006)					
Project Value excludes. VAT: (Cost of the works)					R 13,043,478.26
Project Range	Primary Fee	% Part on Balance	Balance Amt	% Part Fees	Amount
R350,000<CW<R950,000	R 43,750.00	12.50%			
R950,000<CW<R4,750,000	R 118,750.00	10.00%			
R4,750,000<CW<R17,750,000	R 498,750.00	8.00%	R 8,293,478.26	6.00	R 497,608.70
R17,750,000<CW<R71,000,000	R 1,538,750.00	6.00%			
R71,000,000<CW<R290,000,000	R 4,733,750.00	5.50%			
> R290,000,000	R 16,778,750.00	5.00%			
BASIC FEE FOR CIVIL AND STRUCTURAL ENGINEERING WORK				(Clause 3.2.1(1))	R 996,358.70
CATEGORY FACTORS WORK OF NORMAL CHARACTER					
Water and Sanitation in Rural Areas			(Clause 3.2.1 (4)) Multiply by	1.25	R 249,089.67
Application of Targeted Procurement Clause			(Clause 3.2.1 (4)) Multiply by	1.07	R 69,745.11
Disbursements (Topo survey, EIA study, Geotechnical Tests e.t.c)					R 100,000.00
Site Supervision Costs (approximately 9 months)					R 541,328.26
SUB-TOTAL					R 1,956,521.74
V.A.T @ 14%					R 273,913.04
GRAND TOTAL					R 2,230,434.78

C2.2 - SITE SUPERVISION COSTS

The site supervision costs will consist of the costs of providing full time staff on site (Level 4 Construction Monitoring) commensurate with the requirements of the project. The costs will include salaries, travelling costs and other disbursements as relevant utilising the latest disbursement schedules issued by the Department of Public Works.

Typical monthly site supervision and disbursement costs for this project will be approximately **R 55,000.00/month**.

C2.3 - INDICATIVE TIME BASED FEE RATES

The indicative time based fee rates below are based on the latest applicable Guideline Scope of Services and Tariff of Fees for Persons Registered in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000). These will be utilised if the Employer requests additional work to be done that was not covered by the original scope of work.

TITLE	Rate/hour
DIRECTOR	R 1,500.00
SENIOR ENGINEER/PROJECT MANAGER	R 1,200.00
ENGINEER	R 900.00
DESIGN TECHNICIAN	R 750.00
SENIOR TECHNICIAN / ENGINEER'S REPRESENTATIVE	R 750.00
ASS.ENGINEER'S REPRESENTATIVE / CLERK OF WORKS	R 600.00
CAD/GIS OPERATOR	R 450.00

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Part C3 – SCOPE OF WORK

The Scope of Work for this project will be based primarily (but not exclusively) on the latest applicable Guideline Scope of Services and Tariff of Fees for Persons Registered in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000). The latest applicable guideline will be Government Gazette No 28774, 13 April 2006.

C3.1 Normal Services (Clause 2.1)

The services required from the Service Provider will be those necessary to conclude the following stages:

- i) Report stage;
- ii) Preliminary Design Stage;
- iii) Design and Tender Stage;
- iv) Working Drawing Stage;
- v) Construction Stage;
- vi) Targeted Procurement.

C3.2 Additional Services pertaining to all stages of the project (Clause 2.2.1)

The following services are additional to the normal services provided by the Service Provider:

- i) Enquiries not directly concerned with the **works** and its subsequent utilisation;
- ii) Valuation for purchase, sale or leasing of plant, equipment, material, systems, land or buildings or arranging for such valuation;
- iii) Making arrangements for way leaves, servitudes or expropriations;
- iv) Negotiating and arranging for the provision or diversion of services not forming part of the **works**;
- v) Additional work in obtaining the formal approval of the appropriate Government Departments or Public Authorities, including the making of such revisions as may be required as a result of decisions of such Departments or Authorities arising out of changes in policy, undue delay, or other causes beyond the **consulting engineer's** control;
- vi) Surveys, analyses, tests and site or foundation or other investigations, model tests, laboratory tests and analyses carried out on behalf of the **client**;
- vii) Setting out or staking out the **works** and indicating any boundary beacons and other reference marks;
- viii) Preparation of drawings for manufacture and installation or detailed checking of such for erection or installation fit.
- ix) Detailed inspection, reviewing and checking of designs and drawings not prepared by the **consulting engineer** and submitted by any **contractor** or potential **contractor** as alternative to those embodied in tender or similar documents prepared by the **consulting engineer**;
- x) Inspection and testing, other than on site, of materials and plant, including inspection and testing during manufacture;
- xi) Preparing and setting out particulars and calculations in a form required by any relevant authority;
- xii) Abnormal additional services by or costs to the **consulting engineer** due to the failure of a **contractor** or others to perform their required duties adequately and timely;
- xiii) Executing or arranging for the periodic monitoring and adjustment of the **works**, after final handover and completion of construction and commissioning, in order to optimise or maintain proper functioning of any process or system;
- xiv) Investigating or reporting on tariffs or charges leviable by or to the client;
- xv) Advance ordering or reservation of materials and obtaining licenses and permits;
- xvi) Preparing detailed operating, operation and maintenance manuals;

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Part C3 – SCOPE OF WORK

- xvii) Additional **services**, duties and/or work resulting from project scope changes, alterations and/or instructions by the **client**, or his duly authorized agents, requiring the **consulting engineer** to advise upon, review, adapt and/or alter his completed designs and/or any other documentation and/or change the scope of his **services** and/or duties. Such additional **services** are subject to agreement in writing between the **consulting engineer** and the **client** prior to the execution thereof;
- xviii) Exceptional arrangements, communication, facilitation and agreements with any stakeholders other than the **client** and **contractors** appointed for the **works** on which the **consulting engineer** provides **services**;
- xix) Any other additional **services**, of whatever nature, specifically agreed to in writing between the **consulting engineer** and the **client**.

C3.3 Construction Monitoring (Clause 2.2.2)

The duties of the **consulting engineer** for the **construction monitoring (Level 4)** are as follows:

The **construction monitoring** staff shall:-

- i) Maintain a full time presence on site to constantly review –
 - (a) Work procedures;
 - (b) Construction materialsfor compliance with the requirements of the plans and specifications and review completed work prior to enclosure or on completion as appropriate;
- ii) Where the **consulting engineer** is the sole consultant or principal agent, carry out such administration of the **project** as is necessary on behalf of the **client**;
- iii) Be available to provide the **contractor** with technical interpretation of the plans and specifications.
- iv) Implement an appropriate Quality Assurance System to ensure that the works are constructed to acceptable standards.

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PART C4 - OTHER RELEVANT DOCUMENTATION

The following additional documents are considered relevant and form part of this contract agreement.

Some of these documents are of historical significance in the development of the Employer's requirements to ISA and Partners Consulting Engineers since 2006.

- 1) Professional Indemnity Certificate;
- 2) Appointment letter from Setsoto Local Municipality to ISA & Partners;
- 3) Acceptance letter from ISA & Partners to Setsoto Local Municipality;
- 4) Scope of Work Clarification letter from ISA & Partners to Setsoto Local Municipality.


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PART C4.1

Professional Indemnity and CESA Certificates

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Call 771
mmc



GLENRAND M.I.B.

20 October 2010

TO WHOM IT MAY CONCERN:

Our ref: Terry Botha
Direct Line: 051 448 1795

Dear Sir/Madam

PROFESSIONAL INDEMNITY INSURANCE
ISA & PARTNERS (PTY) LTD – CONSULTING ENGINEERS & PROJECT MANAGERS

This letter serves to confirm that we have placed Professional Indemnity Insurance Policies on behalf of the above-mentioned Client for the past number of years.

We also confirm that the following Insurance Policy is in place

Limit of Indemnity : R10 000 000,00 each and every claim
Period of Insurance : 01 August 2010 to 31 July 2011
Insurers : Santam Insurance Company Limited
Policy number : P05382

We confirm that the policy is currently of full force and effect.

Yours faithfully

GLENRAND M.I.B. PROFESSIONAL SERVICES

Risk Services, a division of Glenrand M.I.B. Ltd. Reg. No. 1997/008001/06
Glenrand M.I.B. is a Licensed Financial Services Provider No: 11228
Tel +27 51 447 4739 | Fax +27 51 447 0119 | Email infobfn@glenrandmib.co.za | Web www.glenrandmib.co.za
Docex: 8 Bloemfontein | 1st Floor, 160 Zastron Street, Westdene, Bloemfontein, 9301
PO Box 12470, Brandhof, 9324, South Africa

Directors: Dr MF Kunene¹ (Chairman), AJ Chislett (Chief Executive Officer), BA Chelius¹ (Alt), RG Cottrell²,
AP du Preez¹, HH Hickey², TT Khobane¹ (Alt), MR Mashishi¹, TN Mgoduso¹, NG Payne², G Whitcher
Company Secretary: E Price

1: Non-executive Director 2: Independent Non-executive Director

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This is to certify that

ISA & Partners (Pty) Ltd

(909)

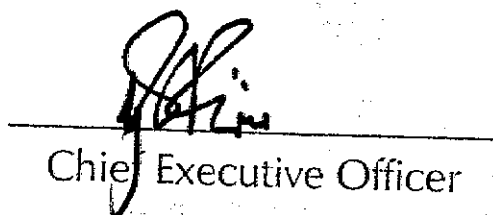
Is a member & fully subscribes to the
Constitution & Code of Conduct of
Consulting Engineers South Africa

Signed at Sandton, on this

22 October 2010



President



Chief Executive Officer


C. M. M. 12
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PART C4.2

Appointment letter from Setsoto Local Municipality to ISA & Partners

[Handwritten signature]
CALL
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SETSOTO

Head Office

P.O. Box 116
Vortrekker Street
FICKSBURG
9730
Tel: (051) 933 9302
Fax: (051) 933 3321

LOCAL MUNICIPALITY PLAASLIKE MUNICIPALITEIT MASEPALA WA LEHAE DPT: MUNICIPAL MANAGER

P.O. Box 116
FICKSBURG
9730
Tel: (051) 933 9302 Fax: (051) 933 3321
e-mail: manager@setsoto.co.za

All correspondence addressed to Head Office / Alle korrespondensie gerig te word aan Hoofkantoor / Mameko ofhe a lebiswa Ntlokoelo

OUR REF: T.J. MAKELEFANE

Christopher N. Kimaru
Isa & Partners
103 Std Bank Building
WELKOM
9463

22 June 2006

FOR ATTENTION: Christopher N. Kimaru

Dear Sir

RE: APPOINTMENT: FULL WATERBORNE SEWER SYSTEM (BUCKET ERADICATION)

AREA AND PURPOSE: Marquard / Moemaneng and Senekal / Matwabeng for Full Waterborne Sewer System (Bucket Eradication)

It is my pleasure to appoint your company Isa & Partners Infrastructure Consultants under the following:

- 1) Your appointment shall include all areas of Marquard, Moemaneng & Matwabeng, Senekal that have been identified for Full Waterborne Sewer System Bucket Eradication).
- 2) The funding of the Business Application must be submitted to MIG and consult with the Municipal Manager before submitting the Business Plan. The New Funding Business Plan must be implemented and Projects must be completed before the end of 2007, the next Financial Year in terms of the Presidential Call to eradicate Bucket Systems.
- 3) Your remuneration shall be in accordance with Government GAZETTE as determined and amended from time to time. Please note that your fees including disbursement is at less than 15% of the Project cost excluding 14% VAT and will be defined.

In the event of additional fees or disbursements, this will have to be approved by myself upon favorable motivation.

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- 4) Time is of the essence in this Project. You are therefore required to Accelerate your planning, design, project management and construction process so that to complete the Project within the four months period.

You are further informed that the design and specifications should be tabled before the Setsoto Bid Specification Committee.

Once you tabled the report and specifics to the communities, it will then be the responsibility of the Committee to advertise and call for tenders.

Once tenders received will be evaluated by the committee and the Bid Adjudicating committee will then inform you of the outcomes of the favourable bidder.

You will be forwarded with performance agreement which will explicitly outlined the key Performance Areas including the KPI's.

- 5) Your contact person and Setsoto Municipality representative is Meinhard Kohrs (Technical Director)
Telephone no: 051- 93339304
Fax no: 051- 933 6282
Cell: 081 452 1170
Email: technical @Setsoto.co.za

Kindly arrange a meeting with the above-mentioned officials or Municipal Manager at your earliest convenience to finalise any further details pertaining to your appointment and the project.

Hope the above is in order.

Yours truly,


T.J.M. AKELEFANE
MUNICIPAL MANAGER

TJ
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Dear Sirs,

Reference is made to your letter of the 10th of October 2014.

We are pleased to inform you that the project has been approved.

The project will be implemented in accordance with the approved plan.

We are pleased to inform you that the project has been approved.

The project will be implemented in accordance with the approved plan.



PART C4.3

Acceptance letter from ISA & Partners to Setsoto Local Municipality

Yours faithfully,
ISA & Partners

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Mun

General

KGOTHALO PROJECTS CC CK 2002/011991/23 T/A

ISA & PARTNERS

Consulting Civil and Structural Engineers

Project & Program Managers

Also in Bloemfontein, Cape Town and Nelspruit



Suite 103
Standard Bank Building
Graaf Street
WELKOM
9460

Postnet Suite 252
Private Bag X25
WELKOM
9460
Tel: (057) 352 4099
Fax: (057) 352 6116
E-mail: isa.partners@intekom.co.za

29 June 2006

P110023/24/L001/CN KIMARU

The Municipal Manager
Setsoto Local Municipality
P O Box 116
FICKSBURG
9730

ATTENTION: MR J MAKELEFANE

Sir,

ACCEPTANCE OF THE PROFESSIONAL SERVICES APPOINTMENT FOR THE IMPLEMENTATION OF THE FULL WATERBORNE SEWER SYSTEM (BUCKET ERADICATION PROGRAMME) FOR SENEKAL/MATWABENG AND MARQUARD/MOEMANENG

1. We refer to your letter dated 22 June 2006 from Mr TJ Makelelane in which Setsoto Local Municipality appointed ISA and Partners Consulting Engineers to undertake the implementation of the full waterborne sewer system for Marquard/Moemaneng and Senekal/Matwabeng for approximately 6,500 erven for an amount of approximately R 58,500,000.00 (excl. VAT) utilizing funds from the Municipal Infrastructure Grant (MIG).

Please note that this figure excludes other essential attendant work like the upgrading of the oxidation ponds in Marquard, the upgrading of the sewage treatment works in Senekal and the construction / upgrading of sewer pump stations in both towns (the full scope of this other essential work will be covered under separate correspondence shortly).

2. We hereby extend our gratitude to Setsoto Local Municipality for this appointment and we commit ourselves to implementing these projects as instructed in the aforementioned letter and to the best of our abilities ensuring high quality outputs throughout the projects life cycle for Setsoto Local Municipality.
3. We hereby confirm our appointment by Setsoto Local Municipality for professional engineering services for the design, documentation and supervision for the implementation of the full waterborne sewer system for Marquard/Moemaneng and Senekal/Matwabeng for approximately 6,500 erven including other essential attendant work like the upgrading of the sewage treatment facilities in Senekal and Marquard and the construction / upgrading of sewer pump stations in both towns.

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This appointment is made in terms of the latest applicable Guideline Scope of Services and Tariff of Fees for Registered Professionals in terms of the Engineering Profession Act of 2000 as issued by the Engineering Council of South Africa (ECSA).

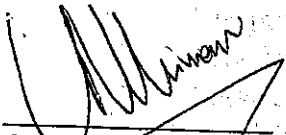
The contract format we intend to use between Setsoto Municipality and ISA and Partners shall be the latest applicable Form of Agreement for Consulting Engineering Services as issued by the SA Association of Consulting Engineers, a copy of which shall be provided to Setsoto Local Municipality shortly.

4. The project is to be done in the stages set out in the Guideline Scope of Services and Tariff of Fees for Registered Professionals issued on 1 April 2006, specifically Chapter 2.1 - Normal Services and Chapter 2.2 - Additional Services which may be requested by Setsoto Municipality.
5. The payment schedule, fees payable and recoverable expenses that will apply to this appointment will be that set out in Chapter 3 - Guideline Tariff of Fees and in accordance with any other terms proposed in the Service Level Agreement by Setsoto Municipality.
6. If, during any of the above stages, the scope of work changes or there is a change in the overall cost of the project, Setsoto Local Municipality is to be timeously notified in writing. We will be required to continuously monitor, update and inform Setsoto Local Municipality of expenditure on the project and of any possible overruns or savings on the budget.
7. Our office in Welkom will be considered as our home base for the purpose of this project and travel will only be paid on the assumption that all our personnel use these offices as their home base.
8. Notwithstanding the provisions of clause 7.4 of the SAACE Standard Form of Agreement referred to in 3. above, the ownership and copyright of all documents and drawings for this project prepared by ISA and Partners for Setsoto Local Municipality will be ceded to Setsoto Local Municipality provided that Setsoto Local Municipality indemnifies ISA and Partners Setsoto for any loss or damage that may arise, howsoever, as a consequence of Setsoto Local Municipality's reliance upon or use of such information or drawings on any other project, other than the project contemplated in this letter of acceptance.
9. Details of site staff, a description of their duties and their monthly charge out rate will be submitted to Setsoto Local Municipality for approval on request.
10. Fee accounts will be cumulative and will reflect the present claim and the cumulative charges to date, as well as the budget amount for the appointment.
11. All correspondence including the minutes of meetings and payment certificates will carry the Municipal Infrastructure Grant (MIG) project number and title.

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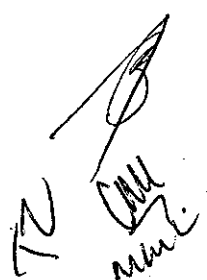
- 12. We kindly request your written confirmation of your acceptance of these proposed terms of appointment at your earliest convenience failing such written acceptance, the terms of ISA and Partners appointment as set out herein, will be taken as having been agreed to by Setsoto Local Municipality, upon the commencement of the project by ISA and Partners.

Yours faithfully



 CN KIMARU Pr Eng

COPY: Mr M Kohrs, Technical Manager, Setsoto Municipality


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PART C4.4

Scope of Work Clarification letter from ISA & Partners to Setsoto Local Municipality

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ISA & PARTNERS

Consulting Civil and Structural Engineers

Project & Program Managers

Also in Bloemfontein, Cape Town and Nelspruit



Suite 103
Standard Bank Building
Graaf Street
WELKOM
9460

Postnet Suite 252
Private Bag X25
WELKOM
9460
Tel: (057) 352 4099
Fax: (057) 352 6116
E-mail: isa.partners@intekom.co.za

13 July 2006

P110023/24/L002/CN KIMARU

The Technical Manager
Setsoto Local Municipality
P.O Box 116
FICKSBURG
9730

ATTENTION: MR M KOHRS

Sir,

PROPOSED SCOPE OF WORK FOR THE IMPLEMENTATION OF THE FULL WATERBORNE SEWER SYSTEM (BUCKET ERADICATION PROGRAMME) FOR SENEKAL/MATWABENG AND MARQUARD/MOEMANENG

1. We refer to the meeting held on 27 June 2006 at the offices of Setsoto Municipality in Ficksburg between your Mr TJ Makelelane and Mr M Kohrs at Setsoto Local Municipality's requirements regarding the implementation of the full waterborne sewer system for Senekal/Matwabeng and Marquard/Moemaneng utilizing funds from the Municipal Infrastructure Grant (MIG) by ISA and Partners Consulting Engineers were outlined.
2. The key issues discussed at the aforementioned meeting as well as the meeting held on 10 July 2006 were the following:
 - i) Setsoto Municipality will require ISA and Partners to present proposals for approval at each stage of the project life cycle, namely, design, tender, construction and completion;
 - ii) ISA and Partners would be required to complete all the necessary funding and other applications, including technical and other reports, on behalf of Setsoto Municipality to the funding agents (MIG and other) as well as regulatory authorities like the department of Water Affairs and Forestry (DWAF) and the Department of Environmental Affairs (DEAT);
 - iii) ISA and Partners would be required to investigate all possible sanitation alternatives in light of the bulk water supply shortages faced by Senekal and Marquard, Mr Kohrs mentioned that a pilot project had been implemented in a school in Setsoto for a recycling system involving on site sanitation;

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in Senekal

- iv) The bulk water supply problems in Marquard were being addressed by another firm and ISA and Partners would not be required to attend to this. The bulk water supply problem in Senekal may require some investigation and ISA and Partners. The bulk potable water storage capacity is sufficient in both Senekal (9 Mℓ) and Marquard (5.8 Mℓ);
- v) A new residential area in Marquard for 635 sites would require both water and sewer infrastructure and this was to be attended to in the applications;
- vi) ISA and Partners would investigate the existing sewage treatment facilities and sewer pumpstations and make recommendations for their upgrading;
- vii) Mr Kohrs mentioned that Setsoto Municipality had commissioned Aormap Ltd. of Pretoria to undertake the aerial surveys of all the towns in Setsoto and ISA and Partners could contact them directly for survey information; *Land Surveyor*
- viii) If any record information was required for the two towns ISA and Partners could contact either Kwezi V3 or Ninham Shand for this information. *Final of digital Maps Costs*
- ix) ISA and Partners were to undertake site visits to Senekal/Matwabeng and Marquard/Moemaneng to investigate the situation on the ground in the week of 3 - 7 July 2006 with a follow up meeting with Mr Kohrs on 12 July 2006.

3. After the aforementioned site visits to Senekal/Matwabeng and Marquard/Moemaneng by Messrs CN Kimaru and SR Makubo, ISA and Partners was able to prepare the scope of work for the implementation of the full waterborne sewer system for Senekal/Matwabeng (3414) and Marquard/Moemaneng (3359) for approximately 6,773 erven including other essential attendant work like the upgrading of the sewage treatment facilities in Senekal and Marquard and the construction / upgrading of sewer pump stations in both towns. Please refer to the attached Annexures A1, A2, B1 and B2 for details of the scope of works. *10/9*

4. As a result of the site investigations in Senekal/Matwabeng and Marquard/Moemaneng, ISA and Partners have made the following observations about the current state of water and sewer infrastructure:

a) **Senekal and Matwabeng**


- i) There are discrepancies with the population figures provided in the IDP document (Reviewed IDP 2005/2006) and the physical numbers of people in both Senekal/Matwabeng and Marquard/Moemaneng. *It is necessary to verify the exact number of people in the two towns physically to enable accurate figures to be captured for planning purposes, an example of this is the flow of 2.6 Mℓ/day flowing into the Senekal sewage treatment works (STW) which is the flow for about 31,700 people, while the official statistics indicate that there are 28,094 people residing in Senekal and Matwabeng.* *Abbot*
- ii) The submersible sewer pumps installed in the three existing sewer pumpstations in Senekal and Matwabeng frequently break down and are very expensive for Setsoto Municipality to maintain. We would propose that they be upgraded to include a reinforced concrete screening channel and the submersible pumps be replaced by end suction centrifugal Gorman Rupp sewer pumps with the attendant electrical and mechanical improvements;
- iii) There is a need for at least two more new sewer pumpstations to serve all the residents of Matwabeng, these two new sewer pumpstations would be constructed in the new configuration with a reinforced concrete screening channel and end suction centrifugal Gorman Rupp sewer pumps;

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- iv) The Senekal STW will require upgrading from its design capacity of 3.0 Mℓ/day to 4.5 Mℓ/day.
- b) **Marquard and Moemaneng**
- i) *The Marquard oxidation ponds are extremely overloaded and they have exceeded their design limit of 1.0 Mℓ/day, a new 1.9 Mℓ/day activated sludge STW needs to be constructed as a matter of urgency before any more toilets can be connected to the sewer reticulation system;*
- ii) The submersible sewer pumps installed in the two existing sewer pumpstations in Moemaneng frequently break down and are very expensive for Setsoto Municipality to maintain. We would propose that they be upgraded to include a reinforced concrete screening channel and the submersible pumps be replaced by end suction centrifugal Gorman Rupp sewer pumps with the attendant electrical and mechanical improvements;
- iii) There is a need for at least two more new sewer pumpstations to serve all the residents of Moemaneng, these two new sewer pumpstations would be constructed in the new configuration with a reinforced concrete screening channel and end suction centrifugal Gorman Rupp sewer pumps.
5. A request was made to Mr Charles Marais of KweziV3 to provide ISA and Partners with record information on Senekal and Marquard (refer to attached email copy) and he confirmed receipt of the email telephonically. We are waiting for the information to be made available to us once it has been compiled.
6. Aermap Ltd. have provided us with a quotation for providing the aerial survey information for Senekal/Matwabeng and Marquard/Moemaneng (refer to the attached letter). Please clarify what Setsoto Municipality paid Aermap for before we place our order for them to proceed.
7. We have also attached three plans with options for the construction of new toilet structure for your information. Please inform us which of the three options A,B or C setsoto would like to proceed with for the new toilets construction. The toilets currently constructed in Matwabeng and Marquard are similar to our proposed option A, except for the concrete roof.
8. We would appreciate your comments on our proposed scope of works as a matter of urgency to enable us to proceed with the submission of Business Plans and Technical Reports to MIG and DWAF. *The latest available information from these two agencies is that they are looking to make funds available to those municipalities that put forward their total BEP needs forward early from other sources, it is therefore critical that we proceed and finalise Setsoto Municipality's BEP needs as soon as possible.*

If you have any queries about these or other matters, please do not hesitate to contact the undersigned.

Yours faithfully


CN KIMARU Pr Eng

COPY: Mr J Makelelfane, Municipal Manager, Setsoto Municipality





SETSOTO LOCAL MUNICIPALITY

ANNEXURE A1: SCOPE OF WORK (BUCKET ERADICATION PROGRAMME) FOR SENEKAL AND MATWABENG FOR THE IMPLEMENTATION OF THE FULL WATERBORNE SANITATION SYSTEM

NO.	DESCRIPTION OF WORK	AREA TO BE SERVICED	NO. OF ERVEN TO BE SERVICED	ESTIMATED PROJECT VALUE (EXCL. VAT)
1.	Current Status : Sewer reticulation network and toilets (fully serviced) Proposed Project: None	Matwabeng	3056	R 0.00
2.	Current Status: Sewer network without toilets Proposed Project: Construction of toilets including water and sewer plumbing	Matwabeng	200	R 800,000.00
3.	Current Status: Serviced with VIP toilets Proposed Project: Construction of a sewer reticulation network including water and sewer plumbing and modifications to the existing toilet structures	Matwabeng	569	R 2,695,000.00
4.	Current Status: Serviced with the bucket system Proposed Project: Construction of a sewer reticulation network and toilet structures	Matwabeng	1845	R 16,605,000.00
5.	Current Status: Informal erven with squatters and no sanitation Proposed Project: Construction of a water and sewer reticulation network and toilet structure	Matwabeng	800	R 9,600,000.00
TOTALS				R 29,700,000.00

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name



SETSOTO LOCAL MUNICIPALITY

ANNEXURE B1: SCOPE OF WORK (OTHER ESSENTIAL ATTENDANT WORK) FOR SENEKAL AND MATWABENG FOR THE IMPLEMENTATION OF THE FULL WATERBORNE SANITATION SYSTEM

NO.	DESCRIPTION OF WORK	AREA TO BE SERVICED	NO. OF ERVEN TO BE SERVICED	ESTIMATED PROJECT VALUE (EXCL. VAT)
1.	<p>Current Status : 3 existing sewer pumpstations (2 in Matwabeng & 1 in Senekal, close to the bridge) with submersible pumps which break down frequently due to blockages</p> <p>Proposed Project: Upgrading of all 3 pumpstations by constructing a new reinforced concrete screening channel structure and sumps and installing new end suction, self-priming Gorman Rupp Centrifugal pumps (2 per P/S) with the attendant mechanical and electrical fittings.</p>	Senekal and Matwabeng	6470	R 1,050,000.00
2.	<p>Current Status : No sewer pumpstations (future)</p> <p>Proposed Project: Construction of 2 new sewer pumpstations with a reinforced concrete screening channel structure and sumps; installing new end suction, self-priming Gorman Rupp Centrifugal pumps (2 per P/S) with the attendant mechanical and electrical fittings.</p>	Matwabeng	3414	R 1,000,000.00
3.	<p>Current Status: 3.0 Mℓ/day activated sludge STW currently receiving 2.6 Mℓ/day</p> <p>Proposed Project: Upgrading of existing 3.0 Mℓ/day STW to 4.5 Mℓ/day to cope with expected increase of sewer flows from</p>	Senekal and Matwabeng	6470	R 6,000,000.00
TOTALS				R 8,050,000.00

TZ
C.M.
M.M.



SETSOYO LOCAL MUNICIPALITY

ANNEXURE B2: SCOPE OF WORK (OTHER ESSENTIAL ATTENDANT WORK) FOR MARQUARD AND MOEMANENG FOR THE IMPLEMENTATION OF THE FULL WATERBORNE SANITATION SYSTEM

NO.	DESCRIPTION OF WORK	AREA TO BE SERVICED	NO. OF ERVEN TO BE SERVICED	ESTIMATED PROJECT VALUE (EXCL. VAT)
1.	<p>Current Status : 2 existing sewer pumpstations in Moemaneng with submersible Pumps which break down frequently due to blockages</p> <p>Proposed Project: Upgrading of the 2 pumpstations by constructing a new reinforced concrete screening channel structure and sumps and installing new end suction, self-priming Gorman Rupp Centrifugal pumps (2 per P/S) with the attendant mechanical and electrical fittings.</p>	Moemaneng	3359	R 700,000.00
2.	<p>Current Status : No sewer pumpstations (future)</p> <p>Proposed Project: Construction of 2 new sewer pumpstations with a reinforced concrete screening channel structure and sumps; installing new end suction, self-priming Gorman Rupp Centrifugal pumps (2 per P/S) with the attendant mechanical and electrical fittings.</p>	Moemaneng	3359	R 1,000,000.00
3.	<p>Current Status: Overloaded Oxidation ponds receiving in excess of 1.0 Ml/day</p> <p>Proposed Project: Upgrading to a 1.9 Ml/day activated sludge STW by constructing a new inlet works, biological reactor and clarifier to cope with the expected increase of sewer flows from Moemaneng</p>	Marquard and Moemaneng	4287	R 8,000,000.00
TOTALS				R 9,700,000.00

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Municipality