REQUEST FOR PROPOSALS

DEVELOPMENT OF A UTILITY METER DATA MANAGEMENT SYSTEM AND DATABASE FOR HOSTING AND ANALYSIS OF SMART METERING DATA ACROSS GOVERNMENT BUILDINGS IN SOUTH AFRICA

Closing date: 21st November 2016
Time: 11:00
Submission format: Electronic submission to 384.procurement@sanedi.org.za

Name of the respondent: ...........................................................................................................................................

Late bids will not be accepted for consideration.
BID DETAILS

Bid Title
Development of a Utility Meter Data Management System and Database for hosting and analysis of smart metering data across Government buildings in South Africa

Procurement Reference Number 384

Description of Goods & Services
Development of a Utility Meter Data Management System and Database for hosting and analysis of smart metering data across Government buildings in South Africa

Date of TENDER 31st October 2016
Date of Compulsory Briefing Session 4th November 2016
Date of Tender CLOSING 21st November 2016

CONTACT INFORMATION

Any enquiries regarding the bidding procedure may be directed to:

Procurement Officer: Ms. Fikile Manganyi
Telephone: 011 038 4300
E-mail: enquiries.procurement@sanedi.org.za

BIDDER’S DETAILS

NAME OF BIDDER .................................................................................................................................

POSTAL ADDRESS ...............................................................................................................................

STREET ADDRESS ..............................................................................................................................

CONTACT PERSON ..............................................................................................................................

TELEPHONE NUMBER Code ............ Number .....................................................................................

CELL PHONE NUMBER Code ............ Number ..................................................................................

FACSIMILE NUMBER Code ............ Number ....................................................................................

E-MAIL ADDRESS ...............................................................................................................................

Signature of Bidder .......................................................... Date ..................................................
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Submission Criteria

1. Notice and Invitation to submit Proposals

The SOUTH AFRICAN NATIONAL ENERGY DEVELOPMENT INSTITUTE invites suitably qualified and experienced service providers to submit priced proposals for the supply of goods and services as indicated in the Scope of Works herein.

SANEDI is a research and development entity established as a juristic person in terms of the Energy Act, Act 34 of 2008. SANEDI’ key focus areas are research and development into new energy technologies and energy efficiency.

Respondents must comply with the terms and condition as specified in this Bid Document either in their singular capacity or as part of a Joint Venture or consortium.

Potentially emerging enterprises and SMME’s who satisfy criteria stated in the Submission Data may submit proposals.

Only respondents who submit fully completed priced proposals incorporating all Returnable Schedules duly complete and signed will be eligible to have their submissions evaluated.

Queries relating to the issue of these documents may be addressed to

Ms. Fikile Manganyi

Telephone: + 27 (0) 11 038 4300

E-Mail: enquiries.procurement@sanedi.org.za

A compulsory briefing meeting with representatives of the Employer will take place at the offices of SANEDI, situated at Grayston Office Park, 2nd Floor Block E, 150 Linden Street, Strathavon Sandton, on the 4th November 2016, commencing at 11h00.

The closing time for receipt of Proposals is

11h00 on Monday 21st November 2016
2. Submission Data – Specific Conditions of Contract.

1. The Employer

The Employer is SANEDI and is referred to as the CLIENT or EMPLOYER.

2. Composition of Bid Document

The Call for Proposals, the price quotation and the Enterprises responding submission documents forms part of a BID DOCUMENT and may be referred to such further herein.

The documents associated with the calling for Proposals issued by the employer comprise:

Submission Criteria
- Notice and Invitation to Submit a Quotation
- Submission Data – Specific Conditions of Contract
- Evaluation Criteria and Scoring
- Tax Clearance Requirements
- Central Supplier Database (CSD) summary report

Returnable Schedules
- Enterprise Questionnaire
- Technical Proposal & Methodology Statements
- Tax Clearance Certificate
- B-BBEE Declaration
- Declaration of Interest
- Certificate of Past Procurement Performance
- Certificate of Bid Independence
- Certificate of Acceptance – General Conditions of Contract
- Certificate of Acceptance – Bid Evaluation and Scoring Criteria
- Certificate of Understanding – Scope of Works
- Certificate of Attendance – Tender Clarification Meeting
- Pricing Schedule / Schedule of Rates
- Form of Tender
- Schedule of Proposed Amendments and Qualifications
- Record of Addenda or Errata to the Bid

Only respondents who submit fully completed Proposals incorporating all Returnable Schedules duly complete and signed will be eligible to have their submissions evaluated.

3. Bid Clarification Meeting

A briefing meeting with representatives of the Employer will take place at the offices of SANEDI situated in the Grayston Office Park, 2nd Floor Block E, 150 Linden Street, Strathavon Sandton, on the 4th November 2016, commencing at 11h00.

Failure to complete the certificate of attendance and return with the Bid Documents will disqualify the submission.
4. **ELECTRONIC RETURN OF SUBMISSIONS AND NO MANUAL SUBMISSION WILL BE ACCEPTED.**

Submissions / Bid Documents may be returned to the CLIENT by means of Electronic Submissions via E-Mail.

The Submission E-Mail address designated is [384.procurement@sanedi.org.za](mailto:384.procurement@sanedi.org.za)

The Bidder shall ensure that the Bid Documents Returnable Schedules together with all Statutory Returns are duly completed, signed and scanned and uploaded to the designated E-mail address in a lock PDF format file.

Documents transmitted in an editable format will be regarded as non-returns and may render the submission unresponsive.

The size limits for SANEDI Email is 20 MB. Bidders may submit more than one E-mail.

5. The closing time for submissions is as stated in the Notice and Invitation to Submit a Proposal Quotation, in the manner specified is

**Closing date: 21st November 2016 at 11h00**

6. Telephonic, telegraphic, telex, facsimile submissions offers will not be accepted.

7. NO Late submissions, or submissions not deposited in the designated Tender Box will be considered, and it is incumbent on the Bidder to ensure that their submission together with all supporting documentation is in the designated Tender Box before the closing Time and date specified.

8. The Bidder holds SANEDI harmless and indemnifies SANEDI in the event of any failure that prevents or delays the bid submission from being in the designated Tender Box at the time of Bid Closure.

Bidder are prohibited from using SANEDI Staff acting as their couriers, agents or delivery mediums to deposit bids in the tender box, and the bidder acknowledges that the use of SANEDI staff in this way will immediately disqualify their tender submission.

It is the sole responsibility of the bidder to ensure that the documents submitted via PDF format are not corrupt and that any corrupt documents received by the closing date will be automatically excluded from being evaluated.

9. **Information and data to be completed in all respects**

Accept that Bid offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the Employer as non-responsive.

Accept that the Employer shall not assume any responsibility for the misplacement or premature opening of the tender offer if the Bid is not submitted in the required format and clearly marked with the bid reference and placed in the designated tender box before bid closing.

10. SANEDI Reserves the RIGHTS to contract with suppliers who are BEE Compliant.

11. The Employer, reserves the right, at its sole discretion to award the tender in part or in stages, and shall have the right to withdraw some of the outputs and deliverables thus amending the total tender value and contracted price either pre or post award under authorisation of a Variation Order.

12. SANEDI reserves the to rotate suppliers

13. SANEDI reserves the right to independently verify Information that is submitted by the bidder.

14. Bidders are prohibited and will be disqualified if they share resources amongst themselves for the same tender e.g. the proposed team member of company “A” is also a team member of company “B”.
3. Scope of works/Technical specifications

3.1 Introduction

3.1.1 South Africa is ranked highly as a global energy intensive nation, and amongst the highest, in terms of national greenhouse gas emissions. This is largely attributed to the fact that the economy is predominantly coal based.

3.1.2 In 2005, the government of South Africa published the National Energy Efficiency Strategy (NEES) with an economic wide energy intensity reduction target of 12% by 2015.

3.1.3 Since the publication of the NEES in 2005, a number of sectoral energy efficiency measures were introduced, and these includes the establishment of the Energy Efficiency Target Monitoring System that is aimed at tracking, monitoring and analysing the achievement of the energy efficiency targets.

3.1.4 It should be noted that the energy efficiency target for the commercial and public building sector was set at 15% by 2015; however the key challenge faced in monitoring the achievement of this target, specifically in the public building sector, is a lack of or inadequate data.

3.1.5 The installation of smart metering technologies and implementation of building management systems in public buildings is but one of the key measures that is envisaged to assist in the collection, management and visualization of data.

3.1.6 The introduction of smart metering technologies were identified in the national response to South Africa’s Electricity challenges in 2008, as a medium to long-term measure for increasing system security through improving billing, enhancing revenue of distribution entities, remote monitoring of demand and providing greater opportunities for promoting and quantification of energy efficiency measures. The Electricity Regulation Act of 2006 was amended in 2008 to incorporate these recommendations on smart metering.

3.1.7 The Smart Grid Initiative, being implemented in collaboration with the South African National Energy Development Institute (SANEDI) together with local municipalities and other national and provincial departments is also in support of this effort to establish energy consumption baselines for government buildings. The energy consumption data collected will be used as a basis for recommendations on what type/kind of the energy efficiency retrofits to be installed and other measures to be initiated in order to achieve the 2030 energy efficiency vision suggested in the post 2015 NEES under development.

3.1.8 The installation of smart meters in government buildings will also not be enough in the absence of appropriate data storage, analysis and reporting tools, as well as the required skills for the data management, maintenance and reporting of the installed smart meters within the affected departments and SANEDI.

3.1.9 It is against this background that the Department of Energy would like to establish the necessary technical and human resource capabilities within its Policy and Planning Branch for data management, analysis and reporting.
3.1.10 The objective is to support and build the capacity of the Department of Energy (Policy and Planning Branch) as a data repository by setting up the necessary Information Technology structures for the storage of various energy consumption and energy efficiency data including building classification of the energy performance certification and building codes. The one issue in pursuing the establishment of this data repository, within the Department, is data integrity and data security due to massive amounts of data expected to be collected in one physical space, and a need for a remote backup for securing data.

3.1.11 The Department of Energy and SANEDI already have an existing Agreement for SANEDI to facilitate development and installation of smart metering technologies including building energy management systems in government buildings. The proposed smart metering data management system including the IT-infrastructure and databases must therefore be able to integrate the existing/installed smart metering infrastructure across various municipalities and/or public buildings.

3.2 Project Summary
3.2.1 In summary, the project is to develop a Utility Meter Data Management System and database with the ability to host and analyse smart metering data from multiple Head-End-systems from multiple meter suppliers and generate energy performance indicators and greenhouse gas emissions levels as per government buildings.

3.2.2 The Department of Energy is expected to develop internal expertise and skilled personnel to establish the required Information Technology infrastructure, secure database, and appropriate backup system for all the data sets received from installed smart meters. Reporting and data access will be provided via a system web portal or a private protocol, whilst the data acquisition will be provided by the national, provincial and municipal departments.

3.3 Project Objective

The objectives of the project are to:

3.3.1 Acquire the metering data from remote Head-End-Systems or smart meters in Government buildings across the country using a Global System for Mobile (GPRS) using the IEC 61968-9, storing the data in a secure database, analysing and reporting on the energy consumption patterns and energy performance indicators and greenhouse gas emissions of the building using the data received from the installed smart meters.

3.3.2 Determine the energy end-usage patterns of government buildings with the ultimate aim of optimising their energy usage, exploring more efficient options and making it possible to benchmark against other buildings; this will reduce both government buildings’ energy demand and consumption and make it easier to identify good practice and exchange of knowledge among building owners and managers. This objective will be fulfilled through an on-going monitoring and reporting of energy consumption and suggested energy efficiency measures for implementation by the Department of Energy.

3.4 Project Scope with Deliverables

3.4.1 Development of a Meter Data Management System: The project scope includes the establishment of an Multi-vendor interface layer (MVIL) or interoperable Smart Meter Data Management System (iSMDMS) to acquire metering data from remote smart meter or Head-End-Systems installed in Government buildings across the country using a Global System for Mobile (GSM) or GPRS using the IEC 61968-9 standards, storing the data in a secure
database, analysing and reporting on the energy consumption patterns and energy performance indicators and greenhouse gas emissions of the building using the data received from the installed smart meters. The (iSMDMS) must provide meaningful information, allowing the municipality, provincial and national departments of Public Works to monitor energy consumption, identify wastage, highlight areas for improvement and benchmark consumption against other similar buildings and energy efficient buildings. Security is key, the system must have all adequate security to prevent intrusion, encryption, authentication, firewalls and more.

3.4.2 Development of a Business Case:
The development of a business case to justify investment and institutional set-up for smart metering data management, storage, analysis and reporting including maintenance of the installed smart meters in government buildings.

3.4.3 Development of a user system manual:
The development of system user manuals for internal and external stakeholders on how to utilize the electronic energy consumption data management and reporting system.

3.4.4 Training and Development:
Capacity building of core project team (DoE and SANEDI) on the deployed system. Training and development for National, Provincial and Municipal officials, building owners and technicians on the use of system and the smart metering data requirements.

3.4.5. Maintenance Agreement and system component updates and upgrades
Develop and maintain a system component update and upgrade contract. All components within the system must be regularly updated and upgrades (Firmware and hardware were applicable). Response to system faults and troubleshooting as at when required to. Software licensing and all associated rights to developed materials must be made know upfront.

3.5. Project Period
The project period shall be 6 months.

3.6. Scope of Work/Technical Specifications
System Overview:
A computerized and dedicated master Meter Data Management System (MDMS) located at DoE Head Office and linked to the existing municipal smart grid back office systems will house the data collection and system analysis functions. In addition, a number of Ethernet take-offs should be provided for remote access and data analysis by senior authorized personnel. The master MDMS station shall comply with and be able to execute the following functionality;

3.7. Operating Functionality
The operating functionality should in the minimum provide for the following functions:

- Have a Multi-Vendor Interface Layer (MVIL) to enable interoperability irrespective of vendor product (Head-End-System) or smart meter.
- Smart grid enabled (able to connect directly to Data Concentrator Unit)
- Reading data and consumption information through reliable network from various Meter Data Management Systems to the base data centre located at the head office.
- The MDMS and Data Collection Platform (DCP) shall be certified compliant with Multi-Speak or IEC 6168-9, Common Information Model (CIM) open standards.
- Proof of certification will be provided by the Multi-Speak organization. Any product listed in the tested products list maintained by the Multi-Speak organization shall be considered certified, without further testing.
- The system must be able to Manage Big Data (Big Data Analytics), data collection and analysis applications.
- The MDM should have Validating, Editing, and Estimation techniques (VEE) functions to directly manage meters.
- Print and export various reports and diagrams for management reporting (using analytics) in standard MS Office applications (Excel, Power-point, Access and Word).
- Remote access by authorized personnel.
- Seamless download of reading/consumption data from various MDMS's and/or the Head-End-Systems (HES) or smart meters from various municipal sites at frequent intervals (15-30 minutes sampling rate)
- Automatic backup of collected data and generated management reports (Data storage facility in the master MDMS application must be capable of storing at least 24 months' worth of data in data centre electronic format on-line)
- Develop hourly energy consumption bar charts, descriptive statistics and forecasting.

3.8. Technical Architecture

The technical architecture of the proposed solution should be compatible with the existing infrastructure at various locations within South Africa, in terms of technical, applications and data architecture. This architecture should also integrate with existing Head Office IT infrastructure.

The proposed master MDMS system should use open standards, provide efficient integration with existing MDMS’s through Multi-Speak or IEC 6168-9 at municipal level, and re-use existing components where appropriate. The system should also be scalable.

Security is paramount, the system must have adequate security built into every layer to prevent intrusion, protect data/privacy, enforce encryption and manage data recovery. Security in terms of firewalls, antivirus, user authentication and compliance to IT policy.

The system should provide for capabilities to monitoring and management of system performance by designated internal IT personnel. The tools used need to be described together with the process followed to tune the performance.

In an effort to afford control to the end user’s internal IT personnel, the system capabilities should be able to be administered remotely and centrally. It should also be able to support data security over varied communication media. Solutions must meet all minimum Enterprise Architecture standards.

3.9. General Business Requirements

The proposed system should be flexible and highly scalable. It should have inherent ability to interface to any number of MDMS’s and HES’s or smart meters simultaneously and at a reasonable speed of implementation as well as rapid integration of additional business units and processes as and when required by the end user.

The end user intends to maximise its investments in procuring the above defined system through enhancing the existing IT infrastructure investment and low total cost of ownership of the proposed solution, inclusive of annual license fees.
There should be a low Business Impact on the end user integration, this could be achieved through automated functionality to reduce level of training and manual processes. It is also expected that the proposed solution shall be reliable in terms of entire system including both hardware and software. The hardware and/or software must be reliable and compliant with safety standards.

Furthermore, the following business requirements are essential;

- Operating and Maintenance costs – the solution should provide reasonable operating and maintenance costs.
- The preferred solution should be commercial viable and fit for use.
- Minimal level for human intervention and manual operation required.
- The risks and benefits posed by the implementation of the master Meter Data Management System to the business and customers must be analysed.
- DoE minimum remote access standards and compliance rules must be adhered to 
  Ease of scalability the MSMS system. This includes integration of the various HES’s and MDMS’s, replacement of existing hardware, software, and change to existing business process.
- Compliance to regulation with the handling of customer data (POPI Act) Protection of Personal Information Act.
- Interoperability
- Reliability
- Scalability
- Bidirectional communication
- Flexibility
- Modularity
- Plug and play
- System security and Data security
- Unification and standardization of functions and control of the system

### 3.10. Control Philosophy

The control philosophy should consist of monitoring of various MDMS consumption data located at various municipalities. It should be possible to compute energy flows through the Eskom/Municipal interface against energy consumption by respective municipal end users. Simple reporting of daily analysis should be done.

Other functions should include:
- Develop hourly energy consumption bar charts
- Enablement for smart applications
- Generate baseline energy consumption data for each respective municipality
- Generate baseline energy consumption data for each government building within each municipality

### 3.11. Upgrading and modification of the existing field hardware

The Contractor will be required to investigate and upgrade the existing IT infrastructure to ensure that the master MDMS is physically secured and operationally of high integrity, including but not limited to the following;

- Removal of existing hardware where necessary.
- Upgrading and replacement of server room with approved vandal proof units to house the new master MDMS an all integration hardware at various municipalities.
• The Contractor will be required to complete all excavations, road crossings and the installation of approved communication links (FOC, Wireless, Radio links, etc.)
• Installation/retro-fitting of communications and reporting equipment in miniature substations

3.12. Drawing included in the specification

The bidder should include a highly detailed set of drawings at relevant scales. Bidder should also include a full specification and protocol for every layer/component of the system, detail of software and hardware required, workmanship and skills profile of technical teams.

3.13. Service level agreement-reporting structure

The successful bidder will be required to monitor the performance of the system operation during the 12 month defects liability period. The bidder should enforce remedial action to ensure that the system operates optimally during this period and beyond.

Monthly reports will be submitted detailing the following criteria;
   a) Performance of the system in terms of operation
   b) Reliability issues
   c) Lessons to be learned, problems experienced
   d) Operational constraints
   e) Training
   f) Integration with other MDMS’s and HES’s
   g) Availability of system
   h) Remote access issues
   i) Consumer feedback
   j) And Progress update on each of the four (4) Project Deliverables
4. Evaluation Criteria

N:B Volume 3, appendix 3B is a minimum requirement and phase 1 of the evaluation criteria. Please see the attached. Failure to meet the appendix 3B will result to disqualification of the bid.

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Scoring guideline (1-10)</th>
<th>weightings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Company Experience:</strong></td>
<td>a. 5 years and above = 10</td>
<td>5</td>
</tr>
<tr>
<td>Service providers should demonstrate a minimum of five (5) years track record in design and implementation of utility meter data management systems</td>
<td>b. 4 years= 8</td>
<td></td>
</tr>
<tr>
<td>Please provide a brief scope of work of each of the project/systems deployed to back 5 years’ experience</td>
<td>c. 3 years =6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. 2 years =4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. 1 years = 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>f. 0 year =1</td>
<td></td>
</tr>
<tr>
<td>The experience or track record in the development and implementation of Smart Meter Data Management System supported by three (3) signed letters of recent relevant projects with contact details of the clients and approval letters as proof of the projects executed and also to enable the DoE and SANEDI to authenticate the submissions independently. Note: If more than one of the listed relevant projects were undertaken for the same client, one letter from the client listing all the projects will suffice. For example, if one client lists 3 relevant projects then the letter will be scored as 5 projects.</td>
<td>a. 3 projects and above = 10</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>b. 2 projects= 8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. 1 projects =5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. 0 project =1</td>
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</tr>
</tbody>
</table>

**IT SHOULD BE NOTED THAT PROPOSAL THAT ARE UNCLEAR AND NOT ADHERING TO THESE INSTRUCTIONS WILL FORFEIT POINTS**
<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
<th>Scoring</th>
</tr>
</thead>
</table>
| **Team leader and team members:** | Team leader must have a minimum of (5) years’ experience in system development, meter data management system (MDMS), smart grid back office systems and analysis functions, data collection and analysis applications, monitoring systems of energy or energy efficiency projects. | a. 5 years and above = 10  
b. 4 years = 8  
c. 3 years = 5  
d. less than 3 years = 1 |
| | a. 5 years and above = 10  
b. 4 years = 8  
c. 3 years = 5  
d. less than 3 years = 1 |
| Individual team member(s) must have a minimum of three (3) years’ in system development, meter data management system (MDMS), smart grid back office systems and analysis functions, data collection and analysis applications, monitoring systems of energy or energy efficiency projects. | a. Relevant Knowledge = 10  
b. Reasonable Knowledge = 5  
c. No relevant knowledge = 1 |
| Both team leader and team member(s) must be familiar with South African energy policy including the energy efficiency reporting and monitoring processes. | a. CV’s indicating relevant experience = 10  
b. CV’s attached, irrelevant experience = 5  
c. No CV’s = 1 |
| Brief CVs of the proposed project team leader and member(s) describing their relevant skills and experience, and roles in the proposed projects must be included in the proposal failure to attach, bidders will forfeit points. Each CV must not exceed 4 pages. | a. Diploma and above = 10  
b. B-Tech degree = 8  
c. Diploma = 5  
d. Certificate = 2  
e. Any degree in unrelated field = 1 |
| | a. Diploma and above = 10 |
information technology, energy, economics, engineering or a related field. Copies of certified certificates for both team leader and team member(s) must be attached to the proposal as proof, failure to attach, bidders will forfeit points.

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Scoring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Plan: A clear methodology with milestones and timelines must be indicated in the proposal. The methodology must outline how the planned work will be carried out showing clearly how each task will logically lead to specific deliverables. The</td>
<td>30</td>
</tr>
<tr>
<td>a. Complete methodology covering all aspects of the project = 10</td>
<td></td>
</tr>
<tr>
<td>b. Incomplete methodology partially covering certain aspects = 5</td>
<td></td>
</tr>
<tr>
<td>c. Unclear = 1</td>
<td></td>
</tr>
<tr>
<td>Detailed work plans, including GANTT CHART and PERT CHART and RESOURCE ALLOCATION CHART all based on MS Project must be attached.</td>
<td>20</td>
</tr>
<tr>
<td>a. Detailed write up of work plan and all 3 MS Project Charts = 10</td>
<td></td>
</tr>
<tr>
<td>b. Some write up of work plan and all 2 MS Project Charts = 5</td>
<td></td>
</tr>
<tr>
<td>c. No write up and non-MS Project tables = 1</td>
<td></td>
</tr>
<tr>
<td>Effective project leadership, project management and allocation of tasks that demonstrate the ability of the team to deliver quality work timeously.</td>
<td>10</td>
</tr>
<tr>
<td>a. Complete PM plan covering all aspects of the project = 10</td>
<td></td>
</tr>
<tr>
<td>b. Incomplete PM plan partially covering certain aspects = 5</td>
<td></td>
</tr>
<tr>
<td>The stakeholders management plan should be included identify all key stakeholders and how they will be engaged on the project (i.e. communication strategy and plan) should be part of the project plan</td>
<td>10</td>
</tr>
<tr>
<td>a. Complete SM plan covering all stakeholders within the project = 10</td>
<td></td>
</tr>
<tr>
<td>b. Incomplete SM plan covering some stakeholders within the project = 5</td>
<td></td>
</tr>
</tbody>
</table>

| Threshold | 70 |
| Total     | 100 |

16. The Bid will be evaluated on 90/10 Preferential Point System according to the Preferential Procurement Policy Framework Act, 2000
The points scored out of 90 should be calculated according to the following formula:

\[(i) \quad \text{The 90/10 preference point system} \]

\[
Ps = 90 \left( 1 - \frac{Hs - Rs}{Rs} \right)
\]

where

- \(Ps\) = points scored for functionality and price of the bid/proposal under consideration
- \(Hs\) = highest percentage scored by any acceptable bidder for functionality and price
- \(Rs\) = percentage scored for functionality and price by bid/proposal under consideration

17. The maximum score for this bid shall be awarded as follows:

<table>
<thead>
<tr>
<th>POINTS</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBBEE Status level of Contribution</td>
<td>10</td>
</tr>
<tr>
<td>Points for price</td>
<td>90</td>
</tr>
<tr>
<td>Total points for price and BBBEE do not exceed</td>
<td>100</td>
</tr>
</tbody>
</table>
5 **Tax Clearance Requirements**

| **18.** | It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder’s tax obligations. |
| **19.** | In order to meet this requirement bidders are required to complete in full the attached form TCC 001 “Application for a Tax Clearance Certificate” and submit it to any SARS branch office nationally. The Tax Clearance Certificate Requirements are also applicable to foreign bidders / individuals who wish to submit bids. |
| **20.** | SARS will then furnish the bidder with a Tax Clearance Certificate that will be valid for a period of 1 (one) year from the date of approval. |
| **21.** | The original Tax Clearance Certificate must be submitted together with the bid. Failure to submit the original and valid Tax Clearance Certificate will result in the invalidation of the bid. Certified copies of the Tax Clearance Certificate will not be acceptable. |
| **22.** | In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate. |
| **23.** | Copies of the TCC 001 “Application for a Tax Clearance Certificate” form are available from any SARS branch office nationally or on the website www.sars.gov.za. |
| **24.** | Applications for the Tax Clearance Certificates may also be made via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za. |
| **25.** | **FAILURE TO SUBMIT A VALID TAX CLEARANCE CERTIFICATE WILL RENDER THE BID AS UNRESPONSIVE AND DISQUALIFY SUCH BID FROM FURTHER EVALUATION.** |
6 Returnable Schedules

6.1 Enterprise Questionnaire

Bidders must return submission date for all sections under item 6.1.1 – 6.1.4. On separate sheets where applicable.

Detailed documentation must be attached to this section under sub clauses 6.1.1 – 6.1.4 to provide substantive returns

6.1.1 Company Profile

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

<table>
<thead>
<tr>
<th>Section 1: Name of enterprise:</th>
<th>.................................................................</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 2: VAT registration number, if any:</td>
<td>.................................................................</td>
</tr>
<tr>
<td>Section 3: CIDB registration number, if any:</td>
<td>.................................................................</td>
</tr>
</tbody>
</table>

**Section 4: Particulars of sole proprietors and partners in partnerships**

<table>
<thead>
<tr>
<th>Name*</th>
<th>Identity number*</th>
<th>Personal income tax number*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

**Section 5: Particulars of companies and close corporations**

Company registration number .................................................................

Close corporation number .................................................................

Tax reference number .................................................................
Section 6: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:

- a member of any municipal council
- a member of any provincial legislature
- a member of the National Assembly or the National Council of Province
- a member of the board of directors of any municipal entity
- an official of any municipality or municipal entity
- an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)
- a member of an accounting authority of any national or provincial public entity
- an employee of Parliament or a provincial legislature

If any of the above boxes are marked, disclose the following:

<table>
<thead>
<tr>
<th>Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder</th>
<th>Name of institution, public office, board or organ of state and position held</th>
<th>Status of service (tick appropriate column)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Current</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Within last 12 months</td>
</tr>
</tbody>
</table>

*insert separate page if necessary*

Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:

<table>
<thead>
<tr>
<th>Name of spouse, child or parent</th>
<th>Name of institution, public office, board or organ of state and position held</th>
<th>Status of service (tick appropriate column)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Current</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Within last 12 months</td>
</tr>
</tbody>
</table>
6.1.2 Bidders Experience Profile

The experience of the tenderer or joint venture partners in the case of an unincorporated joint venture or consortium as opposed to the key staff members / experts in similar projects or similar areas and conditions in relation to the scope of work over the last five years will be evaluated.

Tenderers should very briefly describe his or her experience in this regard and attach this to this schedule.

The description should be put in tabular form with the following headings:

<table>
<thead>
<tr>
<th>Description of work (service)</th>
<th>Value of work (i.e. the service provided) inclusive of VAT (Rand)</th>
<th>Date completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6.1.3 Key Personnel

The tenderer should propose the structure and composition of their team i.e. the main disciplines involved, the key staff member / expert responsible for each discipline, and the proposed technical and support staff and site staff. The roles and responsibilities of each key staff member / expert should be set out as job descriptions. In the case of an association / joint venture / consortium, it should indicate how the duties and responsibilities are to be shared.
The experience of assigned staff member in relation to the scope of work will be evaluated from three different points of view:

1) General experience (total duration of professional activity), level of education and training and positions held of each discipline specific team leader.

2) The education, training, skills and experience of the Assigned Staff in the specific sector, field, subject, etc which is directly linked to the scope of work.

3) The key staff members’ / experts’ knowledge of issues which the tenderer considers pertinent to the project e.g. local conditions, affected communities, legislation, techniques etc.

A CV of the Project Director and Team Leader of not more than 2 pages should be attached to this schedule, together with the Bidders organization and staffing demographics

DECLARATION OF BIDDER – ENTERPRISE QUESTIONNAIRE

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of the sections 5.1.1 – 5.1.3 schedule are within my personal knowledge and are to the best of my belief both true and correct.

Name of Enterprise Bidding: ……………………………………………………………………………………………...

Name of Authorised Representative ………………………………………………………………………………….

Signature of Authorised Bidder ……………………………………………………………………………………

Date …………………………………...
6.2 Technical Proposal & Methodology Statement

6.2.1 Solution Statement

The Solution Statement and Methodology must respond to the scope of work and outline the proposed technical solution offered. This technical solution statement should articulate what value add the tenderer will provide in achieving the stated objectives for the project and detail the time frames and proposed methodology. Vulture

The layout of the solution statement and Methodology should be such that it mirrors the headings contained in the Scope of Works, Section 3 of this Bid Document.

The tenderer must as such explain his / her understanding of the objectives of the assignment and the Employer’s stated and implied requirements, highlight the issues of importance, and explain the technical approach they would adopt to address them. The document should explain the technical attributes and contain specifications of all equipment proposed, to demonstrate the compatibility and capability of the solution. The technical paper should also include a quality plan which outlines processes, procedures for the testing and verification of deliverables, and meet the requirements and indicate how risks will be managed and what contribution can be made regarding value management. The Methodology statement must also include an activity Gantt reflecting a work breakdown structure.

DECLARATION OF BIDDER – TECHNICAL PROPOSAL AND METHODOLOGY STATEMENTS

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of the sections 6.2 schedule is within my personal knowledge and is to the best of my belief both true and correct.

Name of Enterprise Bidding: ..........................................................

Name of Authorised Representative .............................................

Signature of Authorised Bidder ...................................................

Date ..........................
6.3 Tax Clearance Certificate

The Bidder is to attach a valid original Tax Clearance Certificate here
### 6.4 B-BBEE Bid Declaration

Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

<table>
<thead>
<tr>
<th>B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED</th>
<th>Points Claimed</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Points claimed for BBBEE must be substantiated by means of a certified B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA).</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUB-CONTRACTING</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will any portion of the contract be sub-contracted?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, indicate:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>what percentage of the contract will be subcontracted?</td>
<td>%</td>
<td></td>
</tr>
<tr>
<td>the name of the sub-contractor?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>the B-BBEE status level of the sub-contractor?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>is the sub-contractor an EME?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

I, the undersigned (full name)……………………………………………………………………………………………………

Certify that the B-BBEE information furnished on this declaration form is true and correct and attach a current broad-based black economic empowerment certificate as verified by an accredited agency.

i accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

Name of Enterprise Bidding: ……………………………………………………………………………

Name of Authorised Representative …………………………………………………………………..

Signature of Authorised Bidder ……………………………………………………………………………

Date …………………………………
6.5 Bidder’s Declaration of Interest

Any legal person, including persons employed by the state, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes an advertised competitive bid, a limited bid, a proposal or written price quotation). In view of possible allegations of favoritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where

- the bidder is employed by the state; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

<table>
<thead>
<tr>
<th>COMPANY &amp; REPRESENTATIVE DETAILS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Name of bidder or his or her representative</td>
</tr>
<tr>
<td>Identity Number</td>
</tr>
<tr>
<td>Position occupied in the Company (director, trustee, shareholder, member):</td>
</tr>
<tr>
<td>Registration number of company, enterprise, close corporation, partnership agreement or trust</td>
</tr>
<tr>
<td>Tax Reference Number</td>
</tr>
<tr>
<td>VAT Registration Number</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DECLARATIONS</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Are you or any person connected with the bidder presently employed by the state?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If so, furnish the following particulars: Name of person / director / trustee / shareholder/ member</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name of state institution at which you or the person connected to the bidder is employed :</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Position occupied in the state institution</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Any other particulars:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, did you attach proof of such authority to the bid document? (Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If no, furnish reasons for non-submission of such proof:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Did you or your spouse, or any of the company’s directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
If so, furnish particulars:

<table>
<thead>
<tr>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you, or any person connected with the bidder, have any relationship</td>
</tr>
<tr>
<td>(family, friend, other) with a person employed by the state and who may</td>
</tr>
<tr>
<td>be involved with the evaluation and or adjudication of this bid?</td>
</tr>
<tr>
<td>If so, furnish particulars:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you or any of the directors / trustees / shareholders / members of</td>
</tr>
<tr>
<td>the company have any interest in any other related companies</td>
</tr>
<tr>
<td>Whether or not they are bidding for this contract?</td>
</tr>
<tr>
<td>If so, furnish particulars:</td>
</tr>
</tbody>
</table>

Full details of directors / trustees / members / shareholders.

The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / PERSAL numbers must be indicated in the table below.

<table>
<thead>
<tr>
<th>Full Name</th>
<th>Identity Number</th>
<th>Personal Income Tax Reference Number</th>
<th>State Employee Number / Persal Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
“State” means –

(a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);

(b) any municipality or municipal entity;

(c) provincial legislature;

(d) national Assembly or the national Council of provinces; or

(e) Parliament.

“Shareholder” means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

DECLARATION OF INTEREST

I, the undersigned (name)..............................................................................................................................................

Certify that the information furnished in this declaration is correct and I accept that SANEDI may reject the bid or act against me should this declaration prove to be false.

Name of Enterprise Bidding: .................................................................................................................................

Name of Authorised Representative ......................................................................................................................

Signature of Authorised Bidder .............................................................................................................................

Date ..............................................................
6.6 Declaration of Bidder’s Past Supply Chain Management Practices

1. This Standard Bidding Document must form part of all bids invited.

2. It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.

3. The bid of any bidder may be disregarded if that bidder, or any of its directors have-
   a. abused the institution’s supply chain management system;
   b. committed fraud or any other improper conduct in relation to such system; or
   c. failed to perform on any previous contract.

4. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Question</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1</td>
<td>Is the bidder or any of its directors listed on the National Treasury’s Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <em>audi alteram partem</em> rule was applied). The Database of Restricted Suppliers now resides on the National Treasury’s website (<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) and can be accessed by clicking on its link at the bottom of the home page.</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>4.1.1</td>
<td>If so, furnish particulars:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td><strong>4.2</strong></td>
<td>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</td>
<td><strong>Yes</strong></td>
<td><strong>No</strong></td>
</tr>
<tr>
<td></td>
<td>The Register for Tender Defaulters can be accessed on the National Treasury’s website (<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) by clicking on its link at the bottom of the home page.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4.2.1</strong></td>
<td>If so, furnish particulars:</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4.3</strong></td>
<td>Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?</td>
<td><strong>Yes</strong></td>
<td><strong>No</strong></td>
</tr>
<tr>
<td><strong>4.3.1</strong></td>
<td>If so, furnish particulars:</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4.4</strong></td>
<td>Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?</td>
<td><strong>Yes</strong></td>
<td><strong>No</strong></td>
</tr>
<tr>
<td><strong>4.4.1</strong></td>
<td>If so, furnish particulars:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SBD 8

CERTIFICATION

I, the undersigned (full name)……………………………………………………

Certify that the information furnished on this declaration form is true and correct.

I accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

Name of Enterprise Bidding: ……………………………………………………………………………

Name of Authorised Representative …………………………………………………………………

Signature of Authorised Bidder ………………………………………………………………………

Date  ……………………………………...
6.7 Certificate of Independent Bid Determination

I, the undersigned, in submitting the accompanying bid for ..............................................................................................................

in response to the invitation for the bid made by SANEDI do hereby make the following statements that I certify to be true and complete in every respect:

I therefore certify, on behalf of .................................................................

that I have read and I understand the contents of this Certificate;

1. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;

2. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;

3. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;

4. For the purposes of this Certificate and the accompanying bid, I understand that the word “competitor” shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
   (a) has been requested to submit a bid in response to this bid invitation;
   (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
   (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder;

5. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium will not be construed as collusive bidding.

6. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
   (a) prices;
   (b) geographical area where product or service will be rendered (market allocation)
   (c) methods, factors or formulas used to calculate prices;
   (d) the intention or decision to submit or not to submit, a bid;
   (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
   (f) bidding with the intention not to win the bid.
7. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.

8. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

9. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

Name of Enterprise Bidding: ........................................................................................................

Name of Authorised Representative ..............................................................

Signature of Authorised Bidder ...................................................................................

Date .................................
6.8 Certificate of Acceptance – General Conditions of Contract

I, THE UNDERSIGNED (NAME)..........................................................................................................................

Warrants that I am duly authorised to do so on behalf of the enterprise, and confirm that the terms and conditions of contract are acceptable to the enterprise and that such contract will be acceptable to the enterprise should the contract or part thereof be awarded to the enterprise, and that such contract will be signed by the enterprise within 7 days of a request to sign the contract.

Name of Enterprise Bidding: ...........................................................................................................................

Name of Authorised Representative .................................................................................................................

Signature of Authorised Bidder .........................................................................................................................

Date ........................................................................

6.9 Declaration of Acceptance – Bid Evaluation Criteria

I, THE UNDERSIGNED (NAME)..........................................................................................................................

Warrant that I am duly authorised to represent our company in the submission of this Bid and we acknowledge that we are fully conversant with, and accept the Bid Evaluation, Scoring and Adjudication Criteria as contained in the Special Conditions of the Bid together with the General conditions as contained on the SANEDI web site, and acknowledge that we have read, understand and accept such as the methodology of bid evaluation and adjudication for this bid.

Name of Enterprise Bidding: ...........................................................................................................................

Name of Authorised Representative .................................................................................................................

Signature of Authorised Bidder .........................................................................................................................

Date ........................................................................
6.10 Declaration of Understanding – Scope of Works

I, THE UNDERSIGNED (NAME).............................................................................................................

Warrant that I am duly authorised to represent our company in the submission of this Bid and we acknowledge that we are fully conversant with the scope of works and technical specifications and all requirements enabling us to submit a proposal.

Name of Enterprise Bidding: ........................................................................................................

Name of Authorised Representative ............................................................................................

Signature of Authorised Bidder ........................................................................................................

Date ...............................................

6.11 Certificate of Representation at Briefing Session

BID 384 4th November 2016

We, the undersigned, herewith certify that our representative,

………………………………………………………………………………………………………………………………………………………………………….

ID Number ........................................ Telephone Number: ..........................................................

E-Mail Address: ………………………………………………………………………………………………………………………………..

who holds the following position within our company ……………………………………………………………………………

is duly authorised to represent our company at the briefing session held on the ……………………………….. and we acknowledge that we are fully conversant with the tender document and all requirements enabling us to submit a proposal.

I confirm that I am duly authorised to sign this Schedule

NAME (PRINT) ........................................ CAPACITY ..................................................

SIGNATURE ........................................ DATE ..................................................

NAME OF FIRM ……………………………………………………………………………………………………………………………..

The Employer herewith attests that the representative, who particulars are detailed hereon attended the briefing session, conducted by (Employer’s representative) ……………………………..

……………………………………

Signed Official Stamp
## Pricing Schedule

<table>
<thead>
<tr>
<th>PROJECT TASK/ACTIVITY DESCRIPTION</th>
<th>PRICE INCLUDING LOGISTICS BUT EXCLUDING VAT (RAND)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
</tr>
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<td>5.</td>
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<td>6.</td>
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<td>7.</td>
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<td>9.</td>
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<td>10.</td>
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<tr>
<td>11.</td>
<td></td>
</tr>
<tr>
<td>12.</td>
<td></td>
</tr>
<tr>
<td><strong>SUB TOTAL EXCLUDING VAT</strong></td>
<td></td>
</tr>
<tr>
<td><strong>VAT @ 14%</strong></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL TENDER PRICE (Inclusive of VAT @ 14%)</strong></td>
<td><strong>A</strong></td>
</tr>
</tbody>
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AMOUNT IN WORDS
To be carried forward to Section 8
Form of Tender BID 384

.............................................
SIGNATURE OF BIDDER

I confirm that I am duly authorised to sign and certify that the price indicated on the schedule is our bid price submitted

NAME (PRINT) .................................................. CAPACITY ..........................................

SIGNATURE ................................................................................................................................

NAME OF FIRM .......................................................... DATE ..........................................

AMOUNT IN WORDS
To be carried forward to Section 8
Form of Tender BID 384

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NAME (PRINT) .................................................. CAPACITY ..........................................

SIGNATURE ................................................................................................................................

NAME OF FIRM .......................................................... DATE .............................................
### 8 Form of Tender

#### 26. Conditions of Acceptance
- The Tenderer is required to complete this FORM of TENDER in every respect, and tenders will not be considered unless this FORM of TENDER is completed in every particular and each page is initialed by the tenderer and fully signed on this page.
- This Form of Tender shall be completed by the tenderer in black ink and no corrections, use of correcting fluids or any alterations will be permitted.
- The FORM of TENDER and price schedules shall be stated in South African Rand (ZAR) and the price indicated on the schedules shall be binding on the tenderer, and no exception shall be made for omissions, casting errors or errors of whatsoever nature.
- Where a tenderer is not returning a price for a line item, or costs associated with that line item are included in another line item, the tendered shall endorse that line item with the words, “No Cost” or “incorporated in Item (No…..)" whichever being applicable.

#### 27. Confidentiality
All information pertaining to the services acquired by SANEDI from the service provider or furnished to the service provider shall be treated as confidential by the service provider and shall not be used or furnished to any other person other than for the purposes of the services without the written Consent of the Accounting Officer unless such information is or later becomes public knowledge, other than by breach of the afore-going.

#### 28. The service provider shall ensure that all its officers, employees, agents or subcontractors treat all information relating to the services as confidential.

#### 29. The service provider shall ensure that proper security procedures are implemented and maintained to restrict, as far as possible, access to confidential information. The service provider shall ensure that no confidential information is copied or reproduced without prior written approval by the Accounting Officer.

#### 30. Failure by the service provider to comply with the provisions of this Clause shall constitute a material breach of the contract and shall constitute a ground for termination of the contract by SANEDI, by giving the service provider thirty days’ notice.

#### 31. Priced Proposal
The Bid is a **FIXED PRICE PROPOSAL** and clause 48 shall apply. Clause 49 is not applicable.

#### 32. **FIXED PRICE PROPOSAL**
The price quoted in the pricing schedule and returned in the Form of Tender is returned as a FIXED PRICE PROPOSAL valid for a period of contract and is not subject to cost price escalations, foreign currency variation or additionality as agreed in the Conditions of Contract.

#### 33. The Bidder is advised that SANEDI will remit the appointed service provider directly and shall be required to comply with all remittance requirements stipulated in the Conditions of Contract specific to this appointment.
34. The Bidder is advised to plan and provide for all possible risks that may affect the delivery project on time and what mechanisms are in place to manage such risks.

35. We/I the undersigned, who warrants that they are duly authorised to do so on behalf of the enterprise, confirms that the contents of the conditions of acceptance pertaining to the FORM of TENDER are acceptable, and having fully understood the scope of works and conditions of bidding, herewith warrant that We/I have satisfied ourselves as to the correctness and sufficiency of the rates and prices set out in the Schedule and therefore offer the following PRICE and offer to undertake the works in accordance with the standards and specifications required.

36. The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that this Form of Tender is submitted in good faith, free of corrections, alterations or encumbrances and such price is binding on the enterprise for a period of 90 days from date of tender close and may be extended by mutual agreement between the parties for a further period of 90 days thereafter.

37. We/I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.

38. We/I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents to SANEDI in accordance with the requirements and specifications stipulated in bid number 384 at the price/s quoted. This offer remains binding and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of bid.

39. We/I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents in accordance with the SANEDI STANDARD CONDITIONS OF CONTRACT pertaining to the supply of goods and services. The Bidder is advised to familiarise themselves with the SANEDI STANDARD CONDITIONS OF CONTRACT pertaining to the supply of goods and services which can be viewed on the SANEDI Website at www.SANEDI.ORG.ZA

40. We/I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract.

41. We/I declare that we/I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.

42. This Clause is intentionally left blank

I, THE UNDERSIGNED (NAME)…………………………………………………………………………………………………………………………

Warrants that I am duly authorised to do so on behalf of the enterprise, and confirm that the Bid submitted has been checked and all prices shown are full and final, and inclusive of all taxes, levies, duties and encumbrances, and shall remain valid for a period of 90 days from date of Quotation Closure as depicted in the Submission Data Section of this Bid Document

Therefore our TOTAL Tender Price in respect of the Goods and Services requested under this Call for Proposals (BID REF 384) as stated in South African Rand (ZAR) and upon the terms and conditions set out in the Bid Document free of exceptions, amendments or qualifications save those listed in Schedule 9 shall be:
Tender Amount

R

Amount in Words …………………………………………………………………………………………………………………

...........................................................................................................................................................................

Name of Enterprise Bidding: …..........................................................................................................................

Name of Authorised Representative …...........................................................................................................

Signature of Authorised Bidder …......................................................................................................................

Date …................................................................................................................................................................
9.1 Proposed Amendments and Qualifications

43. The Tenderer should record any deviations or qualifications they may wish to make to the tender documents in this Returnable Schedule.

If the space provided is insufficient, the Tenderer must reflect the headings and emphasis of matter in this schedule and provide detailed amplification of such deviations and qualifications in a separate sheet and incorporate such response in the singular bound bid document submitted at the time of Tender.

The Tenderer accepts that the Client will, at its sole discretion determine the validity of such amendments and or qualifications and apportion weighting to such in addition to the BID SCOPE or evaluation criteria in the best interest of the Client.

The decision of the Client in this regard is final, and the Client reserves the right to negotiate with a bidder to finalise the implications of such amendments and qualifications.

Tenderers must not include deviations or qualifications relating to the scope of work in this schedule where they are required to submit an Approach Paper.

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<th>Proposal</th>
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Name of Enterprise Bidding: ……………………………………………………………………………

Name of Authorised Representative …………………………………………………………………..

Signature of Authorised Bidder ………………………………………………………………………..

Date ……………………………..
11.2 Record of Addenda to Tender Documents

We confirm that the following communications received from the CLIENT before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

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Name of Enterprise Bidding: ............................................................................................................

Name of Authorised Representative ....................................................................................................

Signature of Authorised Bidder .........................................................................................................

Date .............................................................................