

INVITATION TO BID  
PART A

## YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF HOME AFFAIRS

BID NUMBER:	<b>DHA17-2022</b>	CLOSING DATE:	<b>02 DECEMBER 2022</b>	CLOSING TIME:	<b>11:00</b>
DESCRIPTION	<p>The appointment of a panel of service provider(s) to:</p> <ul style="list-style-type: none"> <li>Supply of <u>backup generators</u>, including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commissioning.</li> <li>Supply of <u>uninterrupted power supply units (UPS)</u> including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commissioning.</li> <li>Supply of <u>air conditioners</u> including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commissioning.</li> </ul> <p>in the Department of Home Affairs offices, Ports of Entry, and Refugee Centres in all nine (9) Provinces for a period of three (3) years, as and when required, with an option to extend/renew the contract for further two (2) years subject to satisfactory performance.</p>				
<b>BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)</b>					
Department of Home Affairs,					
230 Johannes Ramokhoase Street,					
Cnr Thabo Sehume Street and Johannes Ramokhoase Street					
Hallmark Building					
<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:</b>			<b>TECHNICAL INFORMATION MAY BE DIRECTED TO:</b>		
CONTACT PERSON	Nqobile Chonco		CONTACT PERSON	Vukani Nxasana	
TELEPHONE NUMBER	(012) 406 2789		TELEPHONE NUMBER	(012) 406 4024	
E-MAIL ADDRESS	Nqobile.chonco@dha.gov.za		E-MAIL ADDRESS	<a href="mailto:vukani.nxasana@dha.gov.za">vukani.nxasana@dha.gov.za</a>	
<b>SUPPLIER INFORMATION</b>					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		

E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		[TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No

**[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE / SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]**

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ANSWER THE QUESTIONNAIRE BELOW]
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**QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS**

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO

DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO

DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO

DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO

IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? ☐ YES ☐ NO

**IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.**

**TERMS AND CONDITIONS FOR BIDDING**  
**PART B**

**1. BID SUBMISSION:**

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).

**2. TAX COMPLIANCE REQUIREMENTS**

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

**NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID**

SIGNATURE OF BIDDER:

.....

CAPACITY UNDER WHICH THIS BID IS SIGNED:

.....

(Proof of authority must be submitted e.g. company resolution)

DATE:

.....

## INSTRUCTIONS TO BIDDERS

### A THE TENDER DOCUMENTS

#### Rules for Bidding

- 1.1. The Department is not bound to accept any of the proposals submitted and reserves the right to call for presentations from short-listed bidders before final selection.
- 1.2. The Department reserves the right to terminate this appointment or temporarily defer the work, or any part thereof, at any stage of completion should the Department decide not to proceed with the tender.
- 1.3. The Department also reserves the right to appoint any other person to undertake any part of the tasks.
- 1.4. The service provider must be a single legal entity with all other necessary expertise secured via sub-contract, or under a joint venture arrangement. The Department will enter into a single contract with a single entity for the delivery of the work set out in these tender documents.
- 1.5. The bidding entity shall be the same entity that will execute the bid. Any bid found to be fronting for another entity or entities shall be disqualified immediately.
- 1.6. All South African firms submitting bids as part of a consortium or joint venture must submit a valid original tax clearance certificates / Pin / CSD number.
- 1.7. Foreign firms providing proposals must become familiar with local conditions and laws and take them into account in preparing their proposals.
- 1.8. The service provider and its affiliates are disqualified from providing goods, works and services to any private party to this Agreement, or any eventual project that may result, directly or indirectly from these services.
- 1.9. Firms may ask for clarification on these tender documents or any part thereof up to close of business one (1) week before the deadline for the submission of the bids.
- 1.10. The Department reserves the right to return late bid submission unopened.
- 1.11. Firms may not contact the Department on any matter pertaining to their bid from the time when the bids are submitted to the time the contract is awarded. Any effort by a bidder to influence bid evaluation, bid comparisons or bid award decisions in any manner, may result in rejection of the bid concerned.
- 1.12. Should the contract between the Department and the service provider be terminated by either party due to reasons not attributable to the service provider, the service provider will be remunerated for the appropriate portion of work completed up to a maximum amount of not more than the total fee bid by the service provider for the appropriate phase of the project during which the appointment was terminated.

#### Conditions of the Tender

- 1.13. The General Conditions of contract,
- 1.14. The Department will become the owner of all information, documents, programmes, advice and reports collected and compiled by the service provider in the execution of this tender.
- 1.15. The copyright of all documents, programmes, and reports compiled by the service provider will vest in the Department and may not be reproduced or distributed or made available in any other way without the written consent of the Department.

- 1.16. All information, documents, programmes and reports must be regarded as confidential and may not be made available to any unauthorised person or institution without the written consent of the Department.
- 1.17. Bidders shall undertake to limit the number of copies of this document and destroy them in the event of their failure to secure the contract.
- 1.18. The service provider is entitled to general knowledge acquired in the execution of this agreement and may use it, provided that it shall not be to the detriment of the Department.

### **Cost of Bidding**

- 1.19. The Bidder shall bear all costs associated with the preparation and submission of its bid and the Department, will in no case be held responsible or liable for these costs, regardless of the conduct or outcome of the tender process.

### **Content of Tender Documents**

- 1.20. The services required, tender procedures and contract terms are prescribed in the tender documents, which include:
  - i. Instruction to Bidders;
  - ii. Technical Bid;
  - iii. Terms of Reference;
  - iv. Evaluation Criterion;
  - v. Financial Bid;
- 1.21. The Bidder is expected to examine all instructions, forms, terms and specifications in the tender documents. Failure to furnish all information required by the tender documents or submission of a bid not responsive to the tender documents in every respect will be at the Bidder's risk and may result in rejection of the bid.

### **Clarification of Tender Documents**

- 1.22. The Department will respond in email to any request for clarification of the tender documents which it receives no later than one (1) week prior to the deadline for submission of bids prescribed by the Department.
- 1.23. **Bidders are invited to a non-compulsory virtual (Microsoft Teams) briefing session that will be held as follows:**

DHA17-2022

**Date and time:** Friday, 18 November 2022 at 10h00.

**Interested bidders must submit an email requesting the link to the virtual meeting on or before Wednesday, 16 November 2022.**

### **Amendment of Tender Documents**

- 1.24. At any time prior to the deadline for submission of bids, the Department may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the tender document by amendment.

- 1.25. All prospective bidders who have received the tender document will be notified of the amendment in writing or by fax, and same will be binding on them.
- 1.26. In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Department, at their discretion, may extend the deadline for the submission of bids.

### **PREPARATION OF BIDS**

#### **Language of Bid**

- 1.27. The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Department shall be written in English.

#### **Documents Constituting the Bid**

- 1.28. The bid prepared by the Bidder shall comprise the following components:
- **Technical Bid, including:**
    - i. Invitation to Bid (SBD 1)
    - ii. Declaration of Interests (SBD 4)
    - iii. Preferential Points Claim Forms (SBD 6.1)
    - iv. Local content SBD 6.2 and Annexure C,
    - v. Letter of Authority to submit bid documents on behalf of the bidding company
    - vi. Completed Technical Specification Document
  - **Financial Bid, comprising:**
    - i. Price Schedule must be completed and Professional services SBD 3.3 form

#### **Bid Prices**

- 1.29. Prices indicated on the Price Schedule shall be the total price of services including, where applicable:
- All duties and other taxes;
  - The price of transportation, insurance and other costs incidental to delivery of the services to their final destination;
  - The price of any other incidental services required in terms of the tender deliverables;
- 1.30. Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account.
- 1.31. A bid submitted with a variable price quotation will be treated as non-responsive and rejected.
- 1.32. Prices shall be quoted in South African Rands.
- 1.33. The Department has limited resources and bids must be competitive, with market related pricing, as this will be one of the deciding factors in the final award of the contract.

#### **Period of Validity of Bids**

- 1.34. Bids shall remain valid for 90 days after the closing date of bid prescribed by the Department. A bid valid for a shorter period shall be rejected by the Department as non-responsive.

- 1.35. In exceptional circumstances, the Department may solicit the Bidder's consent to an extension of the period of validity. The request and the response thereto shall be made in writing. A Bidder may refuse the request. A Bidder granting the request will not be required nor permitted to modify its bid.

#### **Format and Signing of Bid**

- 1.36. The Bidder shall prepare one copy of the Technical Bid and Financial Bid separately, clearly marking each "Original Bid" and "Financial Bid", as appropriate. **Apart from hard copies, a copy should also be provided on CD or memory stick. In the event of any discrepancy between the two, the original shall govern.**
- 1.37. The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialled by the person or persons signing the bid.
- 1.38. Any interlineations, erasures or overwriting shall be valid only if they are initialled by the person or persons signing the bid.

#### **Sealing and Marking of Bids**

- 1.39. The original and copy of the Technical Bid shall be placed in a sealed envelope clearly marked Technical Bid and original and copy of the Financial Bid shall be placed in a sealed envelope clearly marked Financial Bid and warning "Do not open with Technical Bid". All the inner envelopes shall then be placed into an outer envelope. The inner and outer envelopes shall be addressed to the following address:
- Department of Home Affairs  
230 Johannes Ramokhoase Street  
PRETORIA  
0001
- 1.40. The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared late.
- 1.41. If the outer envelope is not sealed and marked as required by the clause, the Department will assume no responsibility for the bid's misplacement or premature opening.
- 1.42. **Faxed and emailed bids will not be accepted.**

#### **Closing Date of Bids**

- 1.43. Bids (Technical and Financial) must be received by the Department at the address specified under clause 1.39 above. In the event of the specified date for the submission of Bids being declared a holiday for the Department, the Bids will be received up to the appointed time on the next working day.
- 1.44. The Department may, at its discretion, extend this deadline for submission of bids by amending the bid documents in which case all rights and obligations of the Department and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.



### **Late Bids**

- 1.45. Any bid received by the Department after the deadline for submission of bids prescribed by the Department, will be rejected and/or returned unopened to the Bidder.

### **Modification and Withdrawal of Bids**

- 1.46. The Bidder may modify or withdraw its bid after the bid's submission, provided that written notice of the modification or withdrawal is received by the Department prior to the deadline prescribed for submission of bids.
- 1.47. The Bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched in accordance with the provisions of clause 6. A withdrawal notice may also be sent by fax, followed by a signed confirmation copy, post marked not later than the deadline for submission of bids.
- 1.48. No bid may be modified subsequent to the deadline for submission of bids.
- 1.49. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of period of bid validity specified by the Bidder on the Invitation to Bid form.

## **EVALUATION OF BIDS**

### **Clarification of Bids**

- 1.50. During evaluation of bids, the Department may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing.

### **Preliminary Examination**

- 1.51. The Department will examine the bids to determine whether they are complete, whether they meet all the conditions of the Contract and Technical Specifications and whether any computational errors have been made, whether the documents have been properly signed, and whether the bids are generally in order.
- 1.52. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words shall prevail. If the supplier does not accept the correction of errors, its bid may be rejected.
- 1.53. If a bid is not responsive and not fulfilling all the conditions of the Contract and not meeting Technical Specifications, it will be rejected by the Department and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

### **Evaluation and Comparison of Bids**

- 1.54. The Department will evaluate and compare the financial bids only of those Bidders whose Technical Bid has been accepted by the Department.
- 1.55. The Department's evaluation of a financial bid will take into account information to be provided on the SBD 3.3.



### **Contacting the Department**

- 1.56. Subject to clause 1.1 above, no Bidder shall contact the Department on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the Department, it should do so in writing.
- 1.57. Any effort by a Bidder to influence the Department in its decisions on bid evaluation, bid comparison or contract award may result in rejection of the Bidder's bid.

### **AWARD OF CONTRACT**

#### **Post qualification**

- 1.58. The Department will determine to its satisfaction whether the Bidder that is selected as having submitted the highest evaluated responsive bid meets the criteria specified in these documents, and is qualified to perform the contract satisfactorily.
- 1.59. The determination will take into account the Bidder's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the bidder, as well as such other information as the Department deems necessary and appropriate.
- 1.60. An affirmative determination will be a prerequisite for award of the Contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which event the Department will proceed to the next highest evaluated bid to make a similar determination of that Bidder's capabilities to perform the contract satisfactorily.

#### **Department's right to vary Quantities at Time of Award**

- 1.61. The Department reserves the right at the time of Contract award to increase or decrease the quantity of the services originally specified in the Terms of Reference without any change in unit price or other terms and conditions.

#### **Department's right to accept or reject any or all Bids**

- 1.62. The Department reserves the right to:
  - Accept or reject all or individual items of this bid;
  - Accept one or more bids submissions reject individual items;
  - Request clarification or further information regarding any item in the Proposal;
  - Request further information from any bidder after the closing date;
  - Accept a bid that may not reflect the lowest pricing;
  - Consider any bid that may not conform to any aspect of this bid;
  - Annul the tender process and reject all bids at any time prior to contract award;
  - Consider such alternate services, terms or conditions that may be offered, whether such offer is contained in a Proposal or otherwise;
  - Award the contract or any part thereof to one or more bidders; without thereby incurring any liability to the affected Bidder or bidders.

#### **Notification of Award**

- 1.63. Prior to the expiration of the period of bid validity, the Department will notify the successful bidder in writing by registered letter or email, to be confirmed in writing by letter, that its bid has been accepted.
- 1.64. The notification of award will constitute the formation of the Contract.

#### **Signing of Contract**

- 1.65. At the same time as the Department notifies the successful bidder that its bid has been accepted, the Department will send the bidder the Contract Form provided in the tender documents, incorporating all agreements between the parties.
- 1.66. Within 2 days of receipt of the Contract Form, the successful bidder shall sign and date the Contract Form and return it to the Department.

#### **Termination of Service**

- 1.10. In case of any failure to comply with any of the conditions of the contract or unsatisfactory rendering of service, the stipulation of the General Conditions of Contract and the Special Conditions of Contract, shall be applicable.
- 1.11. Should the Department, after a reasonable period of notice, of not less than seven days, in writing, depending upon the circumstances, call upon the service provider to comply with any of the conditions and should he/she fail to do so, the Department shall, without prejudice to any of its rights be entitled to cancel the contract, and to claim from the service provider any damage or loss that might have been suffered, including any additional expense incurred by it having either to invite fresh bids or to accept any less favourable bid.

#### **Unsatisfactory Performance**

- 1.12. Failure to comply with the conditions of the contract, the Department shall be entitled, without prejudice to its other rights, to cancel the contract in terms of the General Conditions of Contract. Delays beyond time limits and timeframes agreed upon between the parties. Failure to meet the performance standards indicated in the contract

#### **Assignment**

- 1.13. The contractor shall not, without prior written authority of the Department, cede, assign or transfer its rights or obligations in respect of this contract or any part thereof or any share of interests herein, directly or indirectly, to any person, firm or organization whatsoever.



**home affairs**

Department:  
Home Affairs  
**REPUBLIC OF SOUTH AFRICA**

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**TERMS OF REFERENCE**

**DHA17-2022**

**THE APPOINTMENT OF A PANEL OF SERVICE PROVIDER(S) TO:**

- **SUPPLY OF BACKUP GENERATORS, INCLUDING GENERAL BUILDING, ELECTRICAL, MECHANICAL, CIVIL, AND ENGINEERING WORK RELATED TO INSTALLATION/MAINTENANCE/COMMISSIONING.**
- **SUPPLY OF UNINTERRUPTED POWER SUPPLY UNITS (UPS) INCLUDING GENERAL BUILDING, ELECTRICAL, MECHANICAL, CIVIL, AND ENGINEERING WORK RELATED TO INSTALLATION/MAINTENANCE/COMMISSIONING.**
- **SUPPLY OF AIR CONDITIONERS INCLUDING GENERAL BUILDING, ELECTRICAL, MECHANICAL, CIVIL, AND ENGINEERING WORK RELATED TO INSTALLATION/MAINTENANCE/COMMISSIONING.**

**IN THE DEPARTMENT OF HOME AFFAIRS OFFICES, PORTS OF ENTRY, AND REFUGEE CENTRES IN ALL NINE (9) PROVINCES FOR A PERIOD OF THREE (3) YEARS, AS AND WHEN REQUIRED, WITH AN OPTION TO EXTEND/RENEW THE CONTRACT FOR FURTHER TWO (2) YEARS SUBJECT TO SATISFACTORY PERFORMANCE.**

**CLOSING DATE AND TIME OF BID:**

**02 DECEMBER 2022 at 11h00**

Bidders are invited to a non-compulsory virtual (Microsoft Teams) briefing session that will be held as

Follows:

Date and time: Friday, 18 November 2022 at 10h00.

Interested bidders must submit an email requesting the link to the virtual meeting on or before Wednesday, 16 November 2022.

**BID VALIDITY PERIOD: 90 DAYS**

## Department of Home Affairs Supply Chain Management

### TERMS OF REFERENCE

#### 1. Objectives

##### 1.1 The objectives (aim) of this tender are:

To invite bids from suitable service provider(s) to:

- Supply of backup generators, including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commission.
- Supply of uninterrupted power supply units (UPS) including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commission.
- Supply of air conditioners including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commission.

in the Department of Home Affairs offices, Ports of Entry, and Refugee Centres in all nine (9) Provinces for a period of three (3) years, as and when required, with an option to extend/renew the contract for a further two (2) years subject to satisfactory performance.

#### 2. Background

- In 2007 the Department of Home Affairs introduced a new corporate image as part of its turn-around strategy and as a way to improve its image. The Department endeavors to maintain this image.
- Furthermore, from the year 2013, the Department also embarked on a project to modernise its business systems and processes to improve service delivery and move towards a paperless environment.
- The successful implementation of this project requires the modification of all DHA offices and ports of entry. The envisaged modification requires the reconfiguration of layouts of the offices, the refurbishment and certain instances re-construction of offices to support the paperless environment. The remodeling of these offices includes the provision of server rooms which require air-conditioning, back-up generators and uninterrupted power supplies (UPS) units.
- Based on the above, every year a number of offices are identified for infrastructure improvement projects.
- The department requires to appoint a panel of service provider(s) to:
  - Supply of backup generators, including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commissioning.
  - Supply of uninterrupted power supply units (UPS) including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commissioning.

- Supply of air conditioners including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commissioning.

in the Department of Home Affairs offices, Ports of Entry, and Refugee Centres in all nine (9) Provinces for a period of three (3) years, as and when required, with an option to extend/renew the contract for a further two (2) years subject to satisfactory performance.

### 3. Scope and Extent of the Tender

3.1. The successful bidder(s) will be expected to execute and conduct the following tasks for/ provide the following services / items to the Department:

The successful service provider(s) will be expected to execute and conduct the following tasks/services to the Department:

- Develop detailed project plans
- Develop Architectural/Engineering drawings/layouts
- Supply of backup generators, including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commissioning.
- Supply of uninterrupted power supply units (UPS) including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commissioning.
- Supply of air conditioners including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commissioning
- Maintain backup generators, air conditioners and uninterrupted power supply units (UPS)
- Ensure that projects are delivered on time, within budget and meet the specified quality standards
- Work under supervision of the appointed Project Manager and take instructions from her/him
- Submit progress reports on projects to DHA management weekly for consideration and verification
- Prepare presentations on projects when required
- Present payment claims to project manager for completed work
- Issue all legislated certificates at the completion of each project e.g. air conditioning and electrical

**The detailed scope of work (Standard Specification) and Bill of Quantities is attached as part of this bid document.**

### 4. Special Conditions of Contract

4.1. To achieve the above the successful bidder will be required to meet the following requirements:

- Proof of registration with the CIDB.
- A service provider may not recruit or shall not attempt to recruit an employee of the Department of Home Affairs

for purposes of preparation of the bid or for the duration of the execution of this contract or any part thereof.

- If at any time during the performance of the services by an appointed bidder, its agents or subcontractor(s), should encounter conditions impeding specific and/or timely delivery of services as prescribed by this bid or as agreed to between the Department and the appointed bidder, the said bidder shall within 24 hours notify the Department in writing of the fact, the likely duration and/or its cause(s). As soon as practicable after receipt of the bidder's notice, the Department shall evaluate the situation and may, at its discretion;
  - i. extend the appointed bidder's time for performance or opportunity to comply with specifications, with or without the imposition of penalties.
  - ii. terminate the appointment of the said bidder on written notice of fourteen (14) days.
  - iii. the guideline scope of services and tariff of fees issued in terms of Government Gazette number 34510 dated 12/08/2011 of Project and Construction Management Profession will be considered.
- The service provider will be required to provide a detailed pricing schedule aligned with the project activities/project phases to be undertaken for projects.
- The total cost must be VAT inclusive and should be quoted in South African Rands.
- DHA reserves the right to award the contract to multiple suppliers.
- The Declaration Certificate for Local Content (SBD 6.2) must be completed and duly signed. The Summary Schedule, Annexure C must be completed or a permission / exemption letter from the Department of Trade and Industry (DTI) should be attached to the tender document.
- Bidders must attach their Letters of Authorisation / Exemption from the DTI where designated thresholds indicated in SBD 6.2; par 3 are unattainable locally.
- **WARRANTY AND PERFORMANCE OF SERVICES**
  - The new generators, UPS and Air-conditioners provided by the Service Provider must carry a three (3) year warranty against faulty workmanship and component defects.
- **Only bidders who have experience in all three (3) areas mentioned below will be considered:**
  - Supply of backup generators, including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commission.
  - Supply of uninterrupted power supply units (UPS) including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commission.
  - Supply of air conditioners including general building, electrical, mechanical, civil, and engineering work related to installation/maintenance/commission

## 5. Tender Deliverables / Outputs and Timeframes

### 5.1. The primary deliverables to be achieved

- The service provider(s) should ensure that all work required is done according to specifications and standards.
- Ensure there is consistency in all offices as per DHA requirements.



- There is minimal interruption on service delivery while the contractor and any other service provider are executing the implementation.
- Where there are subcontractors, the service should ensure that there is constant co-ordination between the third (3) party service provider, the contractor and appointed project manager.
- The service provider should ensure that projects are executed within project timelines.
- The contract will be for a period of three (3) years, as and when required and the availability of funds.
- It would be expected of the successful service provider(s) to assume duty immediately upon appointment.

## 6. Logistics and Timing

### 6.1 Project location(s):

Department of Home Affairs offices in the nine (9) provinces, Port of Entry and Refugee Centers

### 6.2 Expected commencement date:

The contract will commence on the signing of the contract form (SBD7.2) by both parties.

### 6.3 Project period:

Three (3) years, as and when needed and the availability of funds, with an option to extend/renew the contract for a further two (2) years subject to satisfactory performance.

### 6.4 Bid proposal

Service Provider(s) to provide and complete the bid proposal in a professional manner using, but not limited to the following headings:

- Introduction
- Profile of the company.
- Understanding of the terms of reference, proposed approach and methodology.
- Indicate experience in work of a similar nature (with references).
- Each required service, its turn-around time and an inclusive quote for each service, per province
- The total bid price should be inclusive of VAT and per province.
- Annual fee escalations, if any.

### 6.5 Fee structure

The pricing schedule (Bill of Quantity) attached to be completed for price comparison.

### 6.6 Briefing (pre-bid) session

The briefing session will be a virtual (Microsoft Teams) non-compulsory briefing session.



## 7. EVALUATION CRITERIA

The following evaluation process will be followed to evaluate the bids received:

Stage	Description	Applicable for this bid
Stage 1A	Initial screening process / compliance with bid requirements	Yes
Stage 1B	Non-Compulsory briefing session	Yes
Stage 1C	Pre-qualification criteria	Yes
Stage 2	Mandatory requirement evaluation	Yes
Stage 3	Functionality requirement evaluation	Yes
Stage 4	Price / B-BBEE evaluation	Yes

### Stage 1A:

Verification of service provider(s) compliance with bid requirements / initial screening process.

### Stage 1B:

Non-compulsory virtual briefing session

### Stage 1C:

Service provider(s) **must** indicate their compliance with the following pre-qualification requirements in terms of Regulation 4 of the Preferential Procurement Regulations 2017 and provide proof.

If a service provider is bidding as a consortium or joint venture (including unincorporated consortia and joint ventures) they must submit a consolidated B-BBEE Status Level Verification Certificate.

Failure to submit the proof requested will invalidate the bid and will be disqualified

Only the following tenderers may respond to this request:

Pre-qualification criteria	Comply	Do not comply
A tenderer having a minimum level one (1) B-BBEE status.		

### EVIDENCE:

Bidders must submit a valid SANAS B-BBEE Status Level Verification certificate or a B-BBEE certificate issued by the Companies and Intellectual Property Commission, with the exception of EME's and QSE's who are required to submit sworn affidavit in terms of Code of Good Practice. The sworn affidavit must be signed by the EME representative and attested by a Commissioner of oath

**Stage 2:**

- Service provider(s) must indicate their compliance with the following mandatory requirements as required by the DHA. Bidders who fail to meet the mandatory requirements will be disqualified. (Service providers must provide a combined CIDB document if bidding as a Joint Venture, or other partnerships)
- Only bidders who have complied with the following two (2) mandatory requirements will be evaluated for functionality.

Mandatory requirement 1	Comply	Do not comply
The bidder must provide proof of Registration and Accreditation with the Construction Industry Development Board (CIDB) with a minimum of 7EB or 7EP or 7ME.		
<b>EVIDENCE:</b> Bidders must submit a copy of CIDB document/letter/certificate or a full copy of the application for registration to CIDB register of contractor or a CIDB registration. Verification will be conducted on the latest CIDB register available on the CIDB website by the department.		

Mandatory requirement 2	Comply	Do not comply
The Bidder must comply with local production and content		
<b>EVIDENCE:</b> Bidders must submit a completed, duly signed Declaration Certificate for Local Production and Content (SBD 6.2) together with the Annex C (Local Content Declaration: Summary Schedule) or exemption letter from the Department of Trade and Industry & Competition (DTIC)		

(The Bidders must check Bills of Quantity against the local content circulars when completing the local content)

**Stage 3:**

- The Technical proposal will be evaluated out of 100 points with a threshold of **60 (Indicate the minimum points)** points. Bidders that score less than minimum of **60 (Indicate the minimum points)** points will be disqualified. Bidders must score a minimum of **60 (Indicate the minimum points)** point on functionality to qualify for further evaluation on price and preference points.
- Each panel member will rate each individual criterion on the score sheet using the following points:

Evaluation Criteria 1	Minimum Requirements	Elimination Factor	Points Obtainable

# DHA17-2022

Evaluation Criteria 1	Minimum Requirements	Elimination Factor	Points Obtainable
<b>RELEVANT EXPERIENCE AND EXPERTISE</b>	<p>The service provider must have relevant experience in <b>all three (3) categories</b> below:</p> <ul style="list-style-type: none"> <li>Supply, Installation and Maintenance of <u>Back-Up Generators</u>,</li> <li>Supply, Installation and Maintenance of <u>Uninterrupted Power Supply units (UPS)</u></li> <li>Supply, Installation and Maintenance of <u>Air Conditioners</u></li> </ul> <p><b>EVIDENCE</b> Bidders must submit signed and dated Client reference letters indicating an acceptable level of performance.</p>	1 = Reference letter	10
		2 = Reference letters	20
		3 = Reference letters	30
		4 = Reference letters	40
		<b>Subtotal</b>	<b>40</b>

Evaluation Criteria 2	Minimum Requirements	Elimination Factor	Points Obtainable
<b>RELEVANT NUMBER OF YEARS OF EXPERIENCE</b>	<p><i>The service provider must have relevant number of years of experience in the;</i></p> <p><b>Supply, Installation and Maintenance of <u>Back-Up Generators</u>,</b></p> <p><i>Bidders must complete, sign and date the table below, with the relevant reference letters attached</i></p>	Less than 4 years' experience	0
		4 = years' experience	10
		5 = years' experience	20
	<p><i>The service provider must have the relevant number of years of experience in the:</i></p> <p><b>Supply, Installation and Maintenance of <u>Uninterrupted Power Supply units (UPS)</u></b></p> <p><i>Bidders must complete, sign and date the table below,</i></p>	Less than 4 years' experience	0
		4 = years' experience	10

# DHA17-2022

Evaluation Criteria 2	Minimum Requirements	Elimination Factor	Points Obtainable
	<i>with the relevant reference letters attached</i>	5 = years' experience	20
	<i>The service provider must have the relevant number of years of experience in the:</i>  <b>Supply, Installation and Maintenance of <u>Air Conditioners</u></b>  <i>Bidders must complete, sign and date the table below, with the relevant reference letters attached</i>	Less than 4 years' experience	0
		4 = years' experience	10
		5 = years' experience	20
		<b>SUB TOTAL</b>	
<b>TOTAL</b>			100

RELEVANT EXPERTISE	EXPERIENCE AND	START DATE OF CONTRACT	END DATE OF CONTRACT	TOTAL NUMBER OF YEARS EXPERIENCE	CLIENT REFERENCE: CONTACT DETAILS
<i>The service provider must have the relevant number of years of experience in:</i>  Supply, Installation and Maintenance of <u>Back-Up Generators</u> ,					
<i>The service provider must have the relevant number of years of experience in:</i>					

RELEVANT EXPERIENCE AND EXPERTISE	START DATE OF CONTRACT	END DATE OF CONTRACT	TOTAL NUMBER OF YEARS EXPERIENCE	CLIENT REFERENCE: CONTACT DETAILS
Supply, Installation and Maintenance of <u>Uninterrupted Power Supply units (UPS)</u>				
<i>The service provider must have the relevant number of years of experience in:</i>  Supply, Installation and Maintenance of <u>Air Conditioners</u>				
Name: Signature: Date:				

**Stage 4:**

- Bids will then be evaluated in accordance with the prescripts of the Preferential Procurement Policy Framework Act (PPPFA) and the associated Preferential Procurement Regulations of 2017, which stipulate either a 80/20 preference point system is applicable up to a rand value of R50 million (all applicable taxes included) or a 90/10 preference point system is applicable above a rand value of R50 million (all applicable taxes included).
- The following criteria will be used in particular as the criteria for appointment, apart from those laid down in the Preferential Procurement Regulations, 2017, pertaining to the Preferential Procurement Policy Framework Act 5 of 2000.
- Where B-BBEE points are claimed, a valid SANAS B-BBEE Status Level Verification certificate or a B-BBEE certificate issued by the Companies and Intellectual Property Commission, with the exception of EME's and QSE's who are required to submit sworn affidavit in terms of Code of Good Practice. The sworn affidavit must be signed by the EME representative and attested by a Commissioner of oath.
- The points for this bid are allocated either as follows:

## DHA17-2022

SN	COMPONENT	POINTS
1.	Price:	80
2.	Preferential points: BBBEE	20
	<b>TOTAL:</b>	<b>100</b>

Or

SN	COMPONENT	POINTS
1.	Price:	90
2.	Preferential points: BBBEE	10
	<b>TOTAL:</b>	<b>100</b>

**NB:** The lowest acceptable tender will determine the preference point system to be used for the evaluation of the tenders.

**1. PURPOSE OF THE FORM**

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

**2. Bidder's declaration**

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest<sup>1</sup> in the enterprise,  
employed by the state? **YES/NO**

- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

- 2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the

<sup>1</sup> the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.



procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....  
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....  
.....

### 3 DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 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<sup>2</sup> will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 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.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 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

---

<sup>2</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

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.

**I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.**

**I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.**

.....

Signature

.....

Date

.....

Position

.....

Name of bidder

**PRICING SCHEDULE**  
**(Professional Services)**

NAME OF BIDDER: .....

BID NO: DHA17-2022

CLOSING TIME 11:00

CLOSING DATE: 02 DECEMBER 2022

OFFER TO BE VALID FOR 90 DAYS FROM THE CLOSING DATE OF BID.

ITEM NO	DESCRIPTION **(ALL APPLICABLE TAXES INCLUDED)	BID PRICE IN RSA CURRENCY
------------	--	---------------------------

- The accompanying information must be used for the formulation of proposals.
- Bidders are required to indicate a ceiling price based on the total estimated time for completion of all phases and including all expenses inclusive of all applicable taxes for the project.  
R.....

- PERSONS WHO WILL BE INVOLVED IN THE PROJECT AND RATES APPLICABLE (CERTIFIED INVOICES MUST BE RENDERED IN TERMS HEREOF)

4.	PERSON AND POSITION	HOURLY RATE	DAILY RATE
	-----	R-----	R-----
	-----	R-----	R-----
	-----	R-----	R-----
	-----	R-----	R-----

- PHASES ACCORDING TO WHICH THE PROJECT WILL BE COMPLETED, COST PER PHASE AND MAN-DAYS TO BE SPENT

-----	R-----	----- days
-----	R-----	----- days
-----	R-----	----- days
-----	R-----	----- days

- 5.1 Travel expenses (specify, for example rate/km and total km, class of air travel, etc). Only actual costs are recoverable. Proof of the expenses incurred must accompany certified invoices.

DESCRIPTION OF EXPENSE TO BE INCURRED	RATE	QUANTITY	AMOUNT
-----	-----	-----	R.....
-----	-----	-----	R.....
-----	-----	-----	R.....
-----	-----	-----	R.....

\* "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

- 5.2 Other expenses, for example accommodation (specify, eg. Three star hotel, bed and breakfast, telephone cost, reproduction cost, etc.). On basis of these particulars, certified invoices will be checked for correctness. Proof of the expenses must accompany invoices.

DESCRIPTION OF EXPENSE TO BE INCURRED AMOUNT	RATE	QUANTITY	
-----	-----	-----	R.....
-----	-----	-----	R.....
-----	-----	-----	R.....
-----	-----	-----	R.....

TOTAL: R.....

6. Period required for commencement with project after acceptance of bid .....
7. Estimated man-days for completion of project .....
8. Are the rates quoted firm for the full period of contract? \*YES/NO
9. If not firm for the full period, provide details of the basis on which adjustments will be applied for, for example consumer price index. ....

\*[DELETE IF NOT APPLIC

**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017**

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

**NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.**

**1. GENERAL CONDITIONS**

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2

- a) The value of this bid is estimated to **exceed** R50 000 000 (all applicable taxes included) and therefore the **90/10** preference point system shall be applicable; or
- b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	90
B-BBEE STATUS LEVEL OF CONTRIBUTOR	10
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

**2. DEFINITIONS**

- (a) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;



Designated Group: An EME or QSE which is at least 51% owned by:	EME ✓	QSE ✓
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
<b>OR</b>		
Any EME		
Any QSE		

8. **DECLARATION WITH REGARD TO COMPANY/FIRM**

8.1 Name of company/firm:.....

8.2 VAT registration number:.....

8.3 Company registration number:.....

8.4 TYPE OF COMPANY/ FIRM

Partnership/Joint Venture / Consortium

One person business/sole propriety

Close corporation

Company

(Pty) Limited

[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

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

8.6 COMPANY CLASSIFICATION

Manufacturer

Supplier

Professional service provider

Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]



- 8.7 Total number of years the company/firm has been in business:.....
- 8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:
- i) The information furnished is true and correct;
  - ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
  - iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
  - iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
    - (a) disqualify the person from the bidding process;
    - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
    - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
    - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
    - (e) forward the matter for criminal prosecution.

## WITNESSES

1. ....
2. ....

.....  
SIGNATURE(S) OF BIDDERS(S)

DATE: .....

ADDRESS .....

.....

.....

**DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS**

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

**1. General Conditions**

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) make provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such tenders with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for tenders referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

- x is the imported content in Rand  
y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) on the date of advertisement of the bid as indicated in paragraph 3.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial development/ip.jsp](http://www.thedti.gov.za/industrial%20development/ip.jsp) at no cost.

1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;

2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
_____	_____ %
_____	_____ %
_____	_____ %

3. Does any portion of the goods or services offered have any imported content?  
(Tick applicable box)

YES		NO	
-----	--	----	--

3..1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on [www.resbank.co.za](http://www.resbank.co.za)

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

#### **LOCAL CONTENT DECLARATION**

**(REFER TO ANNEX B OF SATS 1286:2011)**

**LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)**

**IN RESPECT OF BID NO. ....**

**ISSUED BY: (Procurement Authority / Name of Institution):**

.....

**NB**

- 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

- 2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on [http://www.thedti.gov.za/industrial\\_development/ip.jsp](http://www.thedti.gov.za/industrial_development/ip.jsp). Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, ..... (full names),

do hereby declare, in my capacity as .....

of .....(name of bidder entity), the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
- (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- (c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	

Local content %, as calculated in terms of SATS 1286:2011	
---	--

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.

The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E.

- (d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPFA), 2000 (Act No. 5 of 2000).

**SIGNATURE:** \_\_\_\_\_

**WITNESS No. 1** \_\_\_\_\_

**DATE:**

**WITNESS No. 2** \_\_\_\_\_

**DATE:**

## Local Content Declaration - Summary Schedule

Tender No.	
Tender description:	
Designated product(s)	
Tender Authority:	
Tendering Entity name:	
Tender Exchange Rate:	
Specified local content %	

GBP

**Note: VAT to be excluded from all calculations**

[illegible]

**Signature of tenderer from Annex B**

Date: \_\_\_\_\_





**home affairs**

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Department:  
Home Affairs  
**REPUBLIC OF SOUTH AFRICA**

## **DEPARTMENT OF HOME AFFAIRS**

### **BILL OF QUANTITIES**

**NAME OF CONTRACTOR**

## **BILL OF QUANTITIES**

### General Notes

Tenderers must complete the Bill of Quantities and detail the unit rate and total amount of each item.

Tenderers are advised to check their item extensions and total additions. Arithmetical errors occurring in the priced Bill of Quantities will be corrected and will have an effect on the tender amount.

No alterations, erasure or addition is to be made in the text of the Bill of Quantities. Should any alteration, erasure or addition be made, it will not be recognised but the original wording of the Bill of Quantities will be adhered to.

The quantities given in the Bill cannot be regarded as exact and are subject to remeasurement on site after completion of the service and adjustments will be made according to the unit rates given in the Bill.

The Bill of Quantities shall not be used for the ordering of material. The contractor shall ascertain the correct quantities before ordering.

The unit prices quoted in the Bill of Quantities must include for such small installation materials as are required for the complete installation in accordance with the Specification.

### **RATES SHOULD NOT INCLUDE VAT**

All prices given in the Bill of Quantities are for supply, delivery, installation and commissioning.

All labour, supervision, transportation, tools and equipment must be allowed for in the rates

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<b>SECTION 1</b>			
	<b>PRELIMINARIES (NEW INSTALLTION)</b>			
	<b>BILL NO 1</b>			
	<b><u>FIXED CHARGE ITEMS</u></b>			
1	Offices and storage sheds			
2	Ablution and latrine facilities			
3	Tools and equipment			
4	Water supplies			
5	Electric power			
6	Communications			
7	Security			
8	Safety			
9	Testing authority			
10	Quality assurance			
11	Transport			
12	Medical and inductions			
13	HIV Aids awareness and access to condoms			
14	Site supervision			
15	Other Fixed charged obligations -Contractor to submit details.			
16	Remove site establishment on completion			
	<b>Carried Forward to Summary of Section No. 1</b>			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<b><u>SECTION 1</u></b> <b><u>PRELIMINARIES</u></b> <b><u>BILL NO 2</u></b>  <b><u>VALUE RELATED ITEMS</u></b>			
1	Offices and storage sheds			
2	Ablution and latrine facilities			
3	Tools and equipment			
4	Water supplies			
5	Electric power			
6	Communications			
7	Security			
8	Safety			
9	Testing authority			
10	Quality assurance			
11	Transport			
12	Medical and inductions			
13	HIV Aids awareness and access to condoms			
14	Site supervision			
15	Other Fixed charged obligations -Contractor to submit details.			
16	Remove site establishment on completion			
	<b>Carried Forward to Summary of Section No. 1</b>			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<b>SECTION 1</b> <b>PRELIMINARIES</b> <b>BILL NO 3</b>  <b>TIME RELATED ITEMS</b>  1 Offices and storage sheds 2 Ablution and latrine facilities 3 Tools and equipment 4 Water supplies 5 Electric power 6 Communications 7 Security 8 Safety 9 Testing authority 10 Quality assurance 11 Transport 12 Medical and inductions 13 HIV Aids awareness and access to condoms 14 Site supervision 15 Other Fixed charged obligations -Contractor to submit details. 16 Remove site establishment on completion  Carried Forward to Summary of Section No. 1			

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Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<b><u>SECTION 1</u></b>			
	<b><u>PRELIMINARIES (MAINTENANCE)</u></b>			
	<b><u>BILL NO 1</u></b>			
	<b><u>FIXED CHARGE ITEMS</u></b>			
1	Offices and storage sheds			
2	Ablution and latrine facilities			
3	Tools and equipment			
4	Water supplies			
5	Electric power			
6	Communications			
7	Security			
8	Safety			
9	Testing authority			
10	Quality assurance			
11	Transport			
12	Medical and inductions			
13	HIV Aids awareness and access to condoms			
14	Site supervision			
15	Other Fixed charged obligations -Contractor to submit details.			
16	Remove site establishment on completion			
	Carried Forward to Summary of Section No. 1			



Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<p><b><u>SECTION 1</u></b></p> <p><b><u>PRELIMINARIES</u></b></p> <p><b><u>BILL NO 2</u></b></p> <p><b><u>VALUE RELATED ITEMS</u></b></p> <p>1 Offices and storage sheds</p> <p>2 Ablution and latrine facilities</p> <p>3 Tools and equipment</p> <p>4 Water supplies</p> <p>5 Electric power</p> <p>6 Communications</p> <p>7 Security</p> <p>8 Safety</p> <p>9 Testing authority</p> <p>10 Quality assurance</p> <p>11 Transport</p> <p>12 Medical and inductions</p> <p>13 HIV Aids awareness and access to condoms</p> <p>14 Site supervision</p> <p>15 Other Fixed charged obligations -Contractor to submit details.</p> <p>16 Remove site establishment on completion</p> <p><b>Carried Forward to Summary of Section No. 1</b></p>			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<b>SECTION 1</b> <b>PRELIMINARIES</b> <b>BILL NO 3</b>  <b>TIME RELATED ITEMS</b>			
1	Offices and storage sheds			
2	Ablution and latrine facilities			
3	Tools and equipment			
4	Water supplies			
5	Electric power			
6	Communications			
7	Security			
8	Safety			
9	Testing authority			
10	Quality assurance			
11	Transport			
12	Medical and inductions			
13	HIV Aids awareness and access to condoms			
14	Site supervision			
15	Other Fixed charged obligations -Contractor to submit details.			
16	Remove site establishment on completion			
	<b>Carried Forward to Summary of Section No. 1</b>			

[illegible]

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<p><b>SECTION 2</b></p> <p><b>MEASURED WORKS (NEW INSTALLATION)</b></p> <p><b>BILL NO 1</b></p> <p><b>2.1 WIRE WAYS, CONDUITS AND ACCESSORIES</b></p> <p>2.1.1 Supply and install conduit, to include all tees, bends and sundries required for installation</p> <p>a) 20 mm dia PVC</p> <p>b) 25 mm dia PVC</p> <p>c) 20 mm dia galvanised steel</p> <p>d) 25 mm dia galvanised steel</p> <p>2.1.2 Supply and Install cable tray:</p> <p>a) 300mmx50mm wire mesh basket medium duty 3meter length</p> <p>b) Basket joiner clips</p> <p>c) Clip on support with thread rod &amp; drop-in anchors ( 2 / 3m length )</p> <p>d) 300x50mm Horizontal 90 bend</p> <p>e) 300x50mm Tee</p> <p>f) 300x50mm Dropper</p> <p>2.1.3 Supply and Install power skirting:</p> <p>a) Double tier powder coated galvanised (three compartment)</p> <p>b) End plate</p> <p>c) External bend</p> <p>d) Internal bend</p> <p>e) Flat Elbow</p> <p>f) Flat Tee</p> <p>2.1.4 Install wiring channel:</p> <p>a) P 9000 galvanized steel channel</p> <p>b) Splice + sundries</p> <p>c) Clip on support with thread rod &amp; drop-in anchors ( 2 / 3m length )</p> <p>d) End cap P9000</p> <p>e) Tee P9000</p> <p>f) Ext elbow P9000</p> <p><b>2.2 WIRING</b></p> <p>2.2.1 Supply, install and termination ,including glands and sundries of the following:</p> <p>a) 120 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>b) 95 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>c) 70 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>d) 50 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>e) 25 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>f) 16 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>g) 16 mm<sup>2</sup> x 3-core PVC/SWA/PVC CU</p> <p>h) 10 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>i) 10 mm<sup>2</sup> x 3-core PVC/SWA/PVC CU</p> <p>j) 6 mm<sup>2</sup> x 3-core PVC/SWA/PVC CU</p> <p>k) 4 mm<sup>2</sup> x 3-core PVC/SWA/PVC CU</p> <p>Carried Forward</p> <p>Section No. 2</p> <p>Bill No. 1</p>			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.2.2	Supply, install and terminate earth continuity conductor a) 70 mm <sup>2</sup> BCEW b) 50 mm <sup>2</sup> BCEW c) 35 mm <sup>2</sup> BCEW d) 25 mm <sup>2</sup> BCEW e) 16 mm <sup>2</sup> BCEW f) 10 mm <sup>2</sup> BCEW g) 6 mm <sup>2</sup> BCEW h) 4 mm <sup>2</sup> BCEW i) 2.5 mm <sup>2</sup> BCEW			
2.2.3	Supply and installation of circuit breakers (SABS approved): a) 45-63A, 5kA single pole, curve 1 b) 10-40A, 5kA single pole c) 45-63A, 5kA triple pole, curve 1 d) 10-40A, 5kA triple pole e) 45-63A, 5kA triple pole f) 80-125A, 5kA triple pole g) 150-200A, 10kA triple pole h) 40-60A, 35kA triple pole i) 80-125A, 25kA triple pole			
2.2.4	Supply and install contactors (SABS) a) 0-30A, 3 pole b) 40-63A, 3 pole			
2.2.5	Supply and install earth leakage units (SABS approved, including box, cover plates, accessories and fixing material): a) 63A double pole			
2.2.6	Install socket outlet (SABS): a) 16A, single SSO, WHITE b) 16A, single SSO Dedicated outlet, shaved, RED c) 32A Dedicated caravan plug / welding socket for server cabinets, each connected to its own circuit breaker d) Network point including 30m of cat 5 cable			
2.3	<b>POWER POLES</b> a) 3500mm round power pole b) Red 16 amp single socket on pole c) Normal 16 amp single sockets on pole d) Blank data box e) Blank tel box f) Red socket in roof with plug top and cable g) Normal socket in roof with plug top and cable h) 30 Amp Double Industrial pole Isolator i) 60 Amp Triple pole isolator including York box			
	Carried Forward			
	Section No. 2			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.4	<b>SERVICE EXISTING BUILDING DB:</b> Existing Building DB's			
2.5	<b>DESIGN AND SUPPLY DISTRIBUTION BOARD INCLUDING ALL INTERNAL WIRING:</b> Two compartment DB a) 24 way b) 36 way c) 48 way			
2.6	<b>SUPPLY AND INSTALL DB ACCESSORIES</b>			
2.6.1	Circuit breaker blank covers			
2.6.2	Trace all circuits and compile legend chart per DB (to correspond with layout plan)			
2.7	<b>CORE DRILLING</b> Drilling positions shall be verified on site and/or as per layout as shown in the documents. Prices for core drilling is average for installation in any of the following positions including water supply, finishes through structures, vermin proofing, etc. 1) through brick walls - 110 to 230mm thickness 2) through re-inforced concrete - 110 to 330mm thickness  a) Up to 75mm diameter holes b) 75mm to 100mm diameter holes c) 100mm to 150mm diameter holes			
2.8	<b>LIGHTING INSTALLATION</b>			
2.8.1	Re-lamp luminaire: a) 36W Fluorescent b) 36W Flameproof Fluorescent c) 20W Fluorescent d) 8W Fluorescent			
2.8.2	Replace diffuser or lens			
2.8.3	Supply and install new luminaire: a) 36W Fluorescent b) 36W Flameproof Fluorescent			
2.9	<b>SERVER ROOM FLOOR</b> a) Remove existing floor covering b) Prepare floor to receive new vinyl tiles c) Supply and install anti-static vinyl tiles			
2.10	<b>FIRE SUPPRESSION</b> a) Supply and install fire extinguishers (4.5 kg STP) with wooden backing board and signage b) Blank off and remove water sprinklers in ceiling of Server Room			
	Carried Forward			
	Section No. 2			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.11	<b>TELKOM EARTH BAR</b> a) Supply and install Telkom Earth Bar as per specification			
2.12	<b>GENERAL ELECTRICAL</b>			
2.12.1	<b>TESTS AND INSPECTIONS ON COMMENCEMENT OF WORK</b> Test, inspect and provide a comprehensive report on the complete building electrical installation as per scope of work, including earth test results, load tests, phase balance, insulation levels, Polarity, condition of equipment etc. before commencing with any repair work to the Engineer			
2.12.2	<b>TESTS AND INSPECTIONS ON COMPLETION OF THE WORK</b> Test, inspect and provide a comprehensive report on the complete standby generator installation at all facilities as per scope of work, including earth test results, load tests, phase balance, insulation levels, Polarity, condition of equipment etc. on completion of the contract to the Engineer including handing over of:  a) Certificates of Compliance - original plus two certified copies each b) Up-to-date single line diagrams + two copies each c) Legend cards + two copies each d) Reticulation drawings + two copies each e) Labelling of circuit nodes and switches			
2.13	<b>GENERAL BUILDING</b>			
2.13.1	<b>PAINTING</b>  One coat primer and two coats Dulux Caramel Sand 5 Double velvet (or similar as per engineer approved or to match existing) a) On external walls b) On internal walls c) On ceilings d) On drywalls			
2.13.2	<b>ALTERATIONS</b>			
2.13.2.1	<b>Break down and remove brickwork, etc.</b> Half brick wall One brick wall Drywall partitioning 3,0m high including doors, ironmongery and glazing			
2.13.2.2	<b>Take out and remove doors, windows, etc. including thresholds, sills, etc. and brick up openings including making good plaster finish on both sides and into reveals (making good finishes elsewhere)</b>  Timber door with steel frame size 813 x 2032mm high in half brick wall Timber door with steel frame size 813 x 2032mm high in one brick wall Glazed steel window size 1022 x 1254mm high from one brick wall Glazed aluminium window size 1200 x 1200mm high from half brick wall			
2.13.2.3	<b>Supply and installation</b> Drywall partitioning 3,0m high including doors, ironmongery, glazing.			
	Carried Forward			
	Section No. 2			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.13.2.4	Take up and remove vinyl floor coverings, carpeting, etc. Vinyl tile floor covering including preparing screed for new anti-static tiles Carpet tile floor covering including preparing screed for new carpet tiles			
2.13.2.5	<b>OPENINGS THROUGH EXISTING WALLS ETC</b>  Break out for and form openings through brick walls for new doors and frames and or windows including necessary precast concrete lintels and making good cement plaster on both sides and into reveals (new doors and frames or windows and making good paint work elsewhere)  Opening for cashier window size 600 x 800mm high through half brick wall Opening for door with steel frame size 813 x 2032mm high through half brick wall Opening for door with steel frame size 813 x 2032mm high through one brick wall Opening for window size 1200 x 1200mm high through half brick wall Opening for window size 1200 x 1200mm high through one brick wall			
2.13.3	<b>MASONRY</b>  <b>SUPPLEMENTARY PREAMBLES</b> <b>Sizes in descriptions</b> Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
2.13.3.1	<b>Brickwork of clay bricks in 6:1 cement mortar</b> Half brick walls One brick walls			
2.13.2.2	<b>Brickwork Sundries</b> Cutting toothings and bonding new brickwork to existing			
2.13.2.3	<b>Approved prestressed fabricated lintels</b> 110 x 75mm Lintels in lengths not exceeding 1,5m			
2.13.4	<b>FLOORING</b>			
2.13.4.1	<b>Supply and installation of new floor covering</b> Supply 2,5mm thick fully flexible vinyl floor tile, manufactured in accordance with SANS 786 laid in on acrylic adhesive Belgotex floors Miracle fibre (Polypropylene) tufted Multi-Scroll Loop Pile Nexbac Eco SABS Class 3 fire rating grade general/medium commercial carpet tiles, size 500 x 500 x 7mm Thick			
2.13.5	<b>METALWORK</b> Prices shall include manufacturing-, delivery- and installation costs.			
2.13.5.1	<b>"Trellidor" security doors, complete with frames, locksets, etc fixed to brickwork or concrete</b>  Standard security gate for door size 813mm x 2032mm high  Carried Forward Section No. 2 Bill No. 1			



Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.13.6	<b>PLASTERING AND FLOOR SCREEDS</b>			
	<b>INTERNAL PLASTER</b>			
2.13.6.1	One coat 1:5 cement plaster on brickwork On walls			
2.13.6.2	Screeds steel floated, on concrete 35mm Thick screeds			
2.13.7	<b>EARTHWORKS</b>			
	<b>EXCAVATION, FILLING, ETC</b>			
	Excavation in earth not exceeding 2m deep			
2.13.8	<b>REINFORCED CONCRETE</b>			
2.13.8.1	20MPa/19mm concrete			
	Bases			
	Strip footings			
	Surface beds on waterproofing			
	Ramps			
2.13.8.2	Fabric reinforcement			
	Ref 245 fabric reinforcement in concrete surface beds, slabs, etc			
2.13.9	<b>ROOF COVERINGS, ETC</b>			
2.13.9.1	<b>PROFILED METAL SHEETING AND ACCESSORIES</b>			
	0,8mm "IBR" AZ150" 890 roll formed sheet from clean colour-bond volcanic grey G550 sheet fixed to existing structural steel purlin "all in accordance to the manufacturer's specifications"			
	Roof covering with pitches not exceeding 25 degrees			
	Ridge covering with serrated closer 550mm girth			
	Hip covering with serrated closer 550mm girth			
	Gutters and downpipe installation			
2.13.10	<b>STRUCTURAL STEELWORK</b>			
	Canopy consisting of welded structural steel sections (30kg/m2 measured on flat) inclusive of beams, columns, rails, struts, braces, cleats, etc and flat section bearer, gusset and connection plates bolted to concrete or brickwork			
2.13.10.1	Under cover parking			
2.13.10.2	Under cover canopy (Generator)			
	Carried Forward			
	Section No. 2			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.13.11	<b>FENCING</b>			
	<b>CLEARVU FENCING</b>			
	High density anti-climbing and anti-cut pressed mesh panel fencing, formed of 4mm diameter horizontal and 4mm diameter vertical high tensile wires galvanised with alu-galv coating with aperture size 76,2mm x 12,7mm reinforcing V-section ribs bolted with vandal resistant bolts and clamping plates to 85-45mm taper locking posts 2.4m high including locking recess mechanism at 3.382m centres with sealed end caps and 30 x 3mm x 250mm long angle section base anchors with posts bedded in 15MPa concrete bases size 400 x 400 x 600mm deep with bitumen coated 400mm clearvu underdig. Top of fence fitted with galvanised ribbon mesh strip 300mm high with 50mm x 100mm aperture size			
2.13.11.1	1.2mm clearvu fence			
2.13.11.2	1.8mm clearvu fence			
2.13.11.3	2.4mm clearvu fence			
2.13.11.4	6000 x 2400mm clear vu type or similar approved sliding gate to manufacturers' specifications			
2.13.11.5	1200 x 2400mm clear vu type or similar approved pedestrian gate to manufacturers' specifications			
	<b>PALISADE FENCING</b>			
	Approved galvanised welded slotted and bolted palisade fence, from 40 x 40 x 2,0mm Angle section pales at 160mm centres, multi spike, two 40 x 40 x 4,0mm angle section cross rails, bolted to fixing lugs with and including tamper proof sheer bolts and nuts			
2.13.11.6	3000 x 1800mm Panel			
2.13.11.7	3000 x 2000mm Panel			
2.13.11.8	3000 x 2400mm Panel			
2.13.11.9	76 x 76 x 4mm Thick post 2600mm long with mushroom cap welded onto top and with 200 x 200 x 3mm base plate welded onto bottom end including setting up post with and including bitumen paint to embedded portion in and including 450 x 450 x 600mm concrete bases excavations, backfilling and making good			
2.13.11.10	100 x 100 x 4mm Thick post 2800mm long with mushroom cap welded onto top and with 200 x 200 x 3mm base plate welded onto bottom end including setting up post with and including bitumen paint to embedded portion in and including 450 x 450 x 600mm concrete bases excavations, backfilling and making good			
2.13.11.11	100 x 100 x 4mm Thick post 3200mm long with mushroom cap welded onto top and with 200 x 200 x 3mm base plate welded onto bottom end including setting up post with and including bitumen paint to embedded portion in and including 450 x 450 x 600mm concrete bases excavations, backfilling and making good			
2.13.11.12	Pedestrian gate, size 1 200mm wide x 2400mm high, formed of 76 x 38 x 2,5mm wall thickness hot dip galvanised mild steel framing and middle rail with mitred and welded angles, with 40 x 40 x 2,0mm angle section pales at 160mm, fitted with three 24mm hinges and barrel bolt including all holes, etc., welded or bolted to adjoining galvanised gatepost with and including Union type 3142 padlock with two keys			
	Sliding gate, size 6 000mm wide x 2400mm high, formed of 120 x 60 x 3mm wall thickness hot dip galvanised mild steel framing and middle rail with mitred and welded angles including gate post/guide post, gate wheels, roller guides and gate track complete (concrete beam and motor elsewhere)			
2.13.11.13	Sliding gate, size 4000mm wide x 2400mm high, ditto			
2.13.11.14	Sliding gate, size 6000mm wide x 2400mm high, ditto			
	Carried Forward			
	Section No. 2			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
	Flat wrap 500mm diameter razor wire with and including 25 x 25 x 2 x 600mm Angle section Galvanised mild steel bracket at 2600mm centres			
2.13.11.15	Flat wrap 500mm diameter razor wire to top of walls			
2.13.11.16	Flat wrap 500mm diameter razor wire fixed to fencing			
2.13.11.17	25 x 25 x 2mm Angle section post x 600mm long			
2.13.11.18	Approved 500mm diameter flat wrap of galvanised razor barbed tape wire fixed vertically and secured to straining wires with and including 2.5mm diameter galvanised binding wire at 300mm centres			
Carried Forward to Final Summary				
SECTION 2 - MEASURED WORKS (NEW INSTALLATION)				

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<p><b>SECTION 2</b></p> <p><b>MEASURED WORKS (MAINTENANCE)</b></p> <p><b>BILL NO 1</b></p> <p><b>2.1 WIRE WAYS, CONDUITS AND ACCESSORIES</b></p> <p>2.1.1 Supply and install conduit, to include all tees, bends and sundries required for installation</p> <p>a) 20 mm dia PVC</p> <p>b) 25 mm dia PVC</p> <p>c) 20 mm dia galvanised steel</p> <p>d) 25 mm dia galvanised steel</p> <p>2.1.2 Supply and install cable tray:</p> <p>a) 300mmx50mm wire mesh basket medium duty 3meter length</p> <p>b) Basket joiner clips</p> <p>c) Clip on support with thread rod &amp; drop-in anchors ( 2 / 3m length )</p> <p>d) 300x50mm Horizontal 90 bend</p> <p>e) 300x50mm Tee</p> <p>f) 300x50mm Dropper</p> <p>2.1.3 Supply and install power skirting:</p> <p>a) Double tier powder coated galvanised (three compartment)</p> <p>b) End plate</p> <p>c) External bend</p> <p>d) Internal bend</p> <p>e) Flat Elbow</p> <p>f) Flat Tee</p> <p>2.1.4 Install wiring channel:</p> <p>a) P 9000 galvanized steel channel</p> <p>b) Splice + sundries</p> <p>c) Clip on support with thread rod &amp; drop-in anchors ( 2 / 3m length )</p> <p>d) End cap P9000</p> <p>e) Tee P9000</p> <p>f) Ext elbow P9000</p> <p><b>2.2 WIRING</b></p> <p>2.2.1 Supply, install and termination ,including glands and sundries of the following:</p> <p>a) 120 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>b) 95 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>c) 70 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>d) 50 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>e) 25 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>f) 16 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>g) 16 mm<sup>2</sup> x 3-core PVC/SWA/PVC CU</p> <p>h) 10 mm<sup>2</sup> x 4-core PVC/SWA/PVC CU</p> <p>i) 10 mm<sup>2</sup> x 3-core PVC/SWA/PVC CU</p> <p>j) 6 mm<sup>2</sup> x 3-core PVC/SWA/PVC CU</p> <p>k) 4 mm<sup>2</sup> x 3-core PVC/SWA/PVC CU</p> <p>Carried Forward</p> <p>Section No. 2</p> <p>Bill No. 1</p>			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.2.2	Supply, install and terminate earth continuity conductor a) 70 mm² BCEW b) 50 mm² BCEW c) 35 mm² BCEW d) 25 mm² BCEW e) 16 mm² BCEW f) 10 mm² BCEW g) 6 mm² BCEW h) 4 mm² BCEW i) 2.5 mm² BCEW			
2.2.3	Supply and installation of circuit breakers (SABS approved): a) 45-63A, 5kA single pole, curve 1 b) 10-40A, 5kA single pole c) 45-63A, 5kA triple pole, curve 1 d) 10-40A, 5kA triple pole e) 45-63A, 5kA triple pole f) 80-125A, 5kA triple pole g) 150-200A, 10kA triple pole h) 40-60A, 35kA triple pole i) 80-125A, 25kA triple pole			
2.2.4	Supply and install contactors (SABS) a) 0-30A, 3 pole b) 40-63A, 3 pole			
2.2.5	Supply and install earth leakage units (SABS approved, including box, cover plates, accessories and fixing material): a) 63A double pole			
2.2.6	Install socket outlet (SABS): a) 16A, single SSO, WHITE b) 16A, single SSO Dedicated outlet, shaved, RED c) 32A Dedicated caravan plug / welding socket for server cabinets, each connected to its own circuit breaker d) Network point including 30m of cat 5 cable			
2.3	<b>POWER POLES</b> a) 3500mm round power pole b) Red 16 amp single socket on pole c) Normal 16 amp single sockets on pole d) Blank data box e) Blank tel box f) Red socket in roof with plug top and cable g) Normal socket in roof with plug top and cable h) 30 Amp Double Industrial pole Isolator i) 60 Amp Triple pole isolator including York box			
	Carried Forward			
	Section No. 2			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.4	<b>SERVICE EXISTING BUILDING DB:</b> Existing Building DB's			
2.5	<b>DESIGN AND SUPPLY DISTRIBUTION BOARD INCLUDING ALL INTERNAL WIRING:</b>  Two compartment DB a) 24 way b) 36 way c) 48 way			
2.6	<b>SUPPLY AND INSTALL DB ACCESSORIES</b>			
2.6.1	Circuit breaker blank covers			
2.6.2	Trace all circuits and compile legend chart per DB (to correspond with layout plan)			
2.7	<b>CORE DRILLING</b>  Drilling positions shall be verified on site and/or as per layout as shown in the documents.  Prices for core drilling is average for installation in any of the following positions including water supply, finishes through structures, vermin proofing, etc. 1) through brick walls - 110 to 230mm thickness 2) through re-inforced concrete - 110 to 330mm thickness  a) Up to 75mm diameter holes b) 75mm to 100mm diameter holes c) 100mm to 150mm diameter holes			
2.8	<b>LIGHTING INSTALLATION</b>			
2.8.1	Re-lamp luminaire: a) 36W Fluorescent b) 36W Flameproof Fluorescent c) 20W Fluorescent d) 8W Fluorescent			
2.8.2	Replace diffuser or lens			
2.8.3	Supply and install new luminaire: a) 36W Fluorescent b) 36W Flameproof Fluorescent			
2.9	<b>SERVER ROOM FLOOR</b> a) Remove existing floor covering b) Prepare floor to receive new vinyl tiles c) Supply and install anti-static vinyl tiles			
2.10	<b>FIRE SUPPRESSION</b>  a) Supply and install fire extinguishers (4.5 kg STP) with wooden backing board and signage b) Blank off and remove water sprinklers in ceiling of Server Room			
	Carried Forward			
	Section No. 2			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.11	<b>TELKOM EARTH BAR</b> a) Supply and install Telkom Earth Bar as per specification			
2.12	<b>GENERAL ELECTRICAL</b>			
2.12.1	<b>TESTS AND INSPECTIONS ON COMMENCEMENT OF WORK</b> Test, inspect and provide a comprehensive report on the complete building electrical installation as per scope of work, including earth test results, load tests, phase balance, insulation levels, Polarity, condition of equipment etc. before commencing with any repair work to the Engineer			
2.12.2	<b>TESTS AND INSPECTIONS ON COMPLETION OF THE WORK</b> Test, inspect and provide a comprehensive report on the complete standby generator installation at all facilities as per scope of work, including earth test results, load tests, phase balance, insulation levels, Polarity, condition of equipment etc. on completion of the contract to the Engineer including handing over of: a) Certificates of Compliance - original plus two certified copies each b) Up-to-date single line diagrams + two copies each c) Legend cards + two copies each d) Reticulation drawings + two copies each e) Labelling of circuit nodes and switches			
2.13	<b>GENERAL BUILDING</b>			
2.13.1	<b>PAINTING</b>  One coat primer and two coats Dulux Caramel Sand 5 Double velvet (or similar as per engineer approved or to match existing) a) On external walls b) On internal walls c) On ceilings d) On drywalls			
2.13.2	<b>ALTERATIONS</b>			
2.13.2.1	<b>Break down and remove brickwork, etc.</b> Half brick wall One brick wall Drywall partitioning 3,0m high including doors, ironmongery and glazing			
2.13.2.2	<b>Take out and remove doors, windows, etc. including thresholds, sills, etc. and brick up openings including making good plaster finish on both sides and into reveals (making good finishes elsewhere)</b>  Timber door with steel frame size 813 x 2032mm high in half brick wall Timber door with steel frame size 813 x 2032mm high in one brick wall Glazed steel window size 1022 x 1254mm high from one brick wall Glazed aluminium window size 1200 x 1200mm high from half brick wall			
2.13.2.3	<b>Supply and installation</b> Drywall partitioning 3,0m high including doors, ironmongery, glazing.  Carried Forward Section No. 2 Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.13.2.4	<b>Take up and remove vinyl floor coverings, carpeting, etc.</b> Vinyl tile floor covering including preparing screed for new anti-static tiles Carpet tile floor covering including preparing screed for new carpet tiles			
2.13.2.5	<b>OPENINGS THROUGH EXISTING WALLS ETC</b> <b>Break out for and form openings through brick walls for new doors and frames and or windows including necessary precast concrete lintels and making good cement plaster on both sides and into reveals (new doors and frames or windows and making good paint work elsewhere)</b> Opening for cashier window size 600 x 800mm high through half brick wall Opening for door with steel frame size 813 x 2032mm high through half brick wall Opening for door with steel frame size 813 x 2032mm high through one brick wall Opening for window size 1200 x 1200mm high through half brick wall Opening for window size 1200 x 1200mm high through one brick wall			
2.13.3	<b>MASONRY</b>  <b>SUPPLEMENTARY PREAMBLES</b> <b>Sizes in descriptions</b> Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
2.13.3.1	<b>Brickwork of clay bricks in 6:1 cement mortar</b> Half brick walls One brick walls			
2.13.2.2	<b>Brickwork Sundries</b> Cutting toothings and bonding new brickwork to existing			
2.13.2.3	<b>Approved prestressed fabricated lintels</b> 110 x 75mm Lintels in lengths not exceeding 1,5m			
2.13.4	<b>FLOORING</b>			
2.13.4.1	<b>Supply and installation of new floor covering</b> Supply 2,5mm thick fully flexible vinyl floor tile, manufactured in accordance with SANS 786 laid in on acrylic adhesive  Belgotex floors Miracle fibre (Polypropylene) tufted Multi-Scroll Loop Pile Nexbac Eco SABS Class 3 fire rating grade general/medium commercial carpet tiles, size 500 x 500 x 7mm Thick			
2.13.5	<b>METALWORK</b> <b>Prices shall include manufacturing-, delivery- and installation costs.</b>			
2.13.5.1	<b>"Trellidor" security doors, complete with frames, locksets, etc fixed to brickwork or concrete</b> Standard security gate for door size 813mm x 2032mm high  Carried Forward Section No. 2 Bill No. 1			



Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.13.6	<b>PLASTERING AND FLOOR SCREEDS</b>			
	<b>INTERNAL PLASTER</b>			
2.13.6.1	One coat 1:5 cement plaster on brickwork On walls			
2.13.6.2	Screeds steel floated, on concrete 35mm Thick screeds			
2.13.7	<b>EARTHWORKS</b>			
	<b>EXCAVATION, FILLING, ETC</b>			
	Excavation in earth not exceeding 2m deep			
2.13.8	<b>REINFORCED CONCRETE</b>			
2.13.8.1	<b>20MPa/19mm concrete</b>			
	Bases			
	Strip footings			
	Surface beds on waterproofing			
	Ramps			
2.13.8.2	<b>Fabric reinforcement</b>			
	Ref 245 fabric reinforcement in concrete surface beds, slabs, etc			
2.13.9	<b>ROOF COVERINGS, ETC</b>			
2.13.9.1	<b>PROFILED METAL SHEETING AND ACCESSORIES</b>			
	0,8mm "IBR" AZ150" 890 roll formed sheet from clean colour-bond volcanic grey G550 sheet fixed to existing structural steel purlin "all in accordance to the manufacturer's specifications"			
	Roof covering with pitches not exceeding 25 degrees			
	Ridge covering with serrated closer 550mm girth			
	Hip covering with serrated closer 550mm girth			
	Gutters and downpipe installation			
2.13.10	<b>STRUCTURAL STEELWORK</b>			
	Canopy consisting of welded structural steel sections (30kg/m2 measured on flat) inclusive of beams, columns, rails, struts, braces, cleats, etc and flat section bearer, gusset and connection plates bolted to concrete or brickwork			
2.13.10.1	Under cover parking			
2.13.10.2	Under cover canopy (Guard House/ Reception)			
	Carried Forward			
	Section No. 2			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
2.13.11	<b>FENCING</b>			
	<b>CLEARVU FENCING</b>			
	High density anti-climbing and anti-cut pressed mesh panel fencing, formed of 4mm diameter horizontal and 4mm diameter vertical high tensile wires galvanised with alu-galv coating with aperture size 76,2mm x 12,7mm reinforcing V-section ribs bolted with vandal resistant bolts and clamping plates to 85-45mm taper locking posts 2.4m high including locking recess mechanism at 3.382m centres with sealed end caps and 30 x 3mm x 250mm long angle section base anchors with posts bedded in 15MPa concrete bases size 400 x 400 x 600mm deep with bitumen coated 400mm clearvu underdig. Top of fence fitted with galvanised ribbon mesh strip 300mm high with 50mm x 100mm aperture size			
2.13.11.1	1.2mm clearvu fence			
2.13.11.2	1.8mm clearvu fence			
2.13.11.3	2.4mm clearvu fence			
2.13.11.4	6000 x 2400mm clear vu type or similar approved sliding gate to manufacturers' specifications			
2.13.11.5	1200 x 2400mm clear vu type or similar approved pedestrian gate to manufacturers' specifications			
	<b>PALISADE FENCING</b>			
	Approved galvanised welded slotted and bolted palisade fence, from 40 x 40 x 2,0mm Angle section pales at 160mm centres, multi spike, two 40 x 40 x 4,0mm angle section cross rails, bolted to fixing lugs with and including tamper proof sheer bolts and nuts			
2.13.11.6	3000 x 1800mm Panel			
2.13.11.7	3000 x 2000mm Panel			
2.13.11.8	3000 x 2400mm Panel			
2.13.11.9	76 x 76 x 4mm Thick post 2600mm long with mushroom cap welded onto top and with 200 x 200 x 3mm base plate welded onto bottom end including setting up post with and including bitumen paint to embedded portion in and including 450 x 450 x 600mm concrete bases excavations, backfilling and making good			
2.13.11.10	100 x 100 x 4mm Thick post 2800mm long with mushroom cap welded onto top and with 200 x 200 x 3mm base plate welded onto bottom end including setting up post with and including bitumen paint to embedded portion in and including 450 x 450 x 600mm concrete bases excavations, backfilling and making good			
2.13.11.11	100 x 100 x 4mm Thick post 3200mm long with mushroom cap welded onto top and with 200 x 200 x 3mm base plate welded onto bottom end including setting up post with and including bitumen paint to embedded portion in and including 450 x 450 x 600mm concrete bases excavations, backfilling and making good			
2.13.11.12	Pedestrian gate, size 1 200mm wide x 2400mm high, formed of 76 x 38 x 2,5mm wall thickness hot dip galvanised mild steel framing and middle rail with mitred and welded angles, with 40 x 40 x 2,0mm angle section pales at 160mm, fitted with three 24mm hinges and barrel bolt including all holes, etc., welded or bolted to adjoining galvanised gatepost with and including Union type 3142 padlock with two keys			
	Sliding gate, size 6 000mm wide x 2400mm high, formed of 120 x 60 x 3mm wall thickness hot dip galvanised mild steel framing and middle rail with mitred and welded angles including gate post/guide post, gate wheels, roller guides and gate track complete (concrete beam and motor elsewhere)			
2.13.11.13	Sliding gate, size 4000mm wide x 2400mm high, ditto			
2.13.11.14	Sliding gate, size 6000mm wide x 2400mm high, ditto			
	Carried Forward			
	Section No. 2			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
	Flat wrap 500mm diameter razor wire with and including 25 x 25 x 2 x 600mm Angle section Galvanised mild steel bracket at 2600mm centres			
2.13.11.15	Flat wrap 500mm diameter razor wire to top of walls			
2.13.11.16	Flat wrap 500mm diameter razor wire fixed to fencing			
2.13.11.17	25 x 25 x 2mm Angle section post x 600mm long			
2.13.11.18	Approved 500mm diameter flat wrap of galvanised razor barbed tape wire fixed vertically and secured to straining wires with and including 2.5mm diameter galvanised binding wire at 300mm centres			
Carried Forward to Final Summary				
SECTION 2 - MEASURED WORKS (MAINTENANCE)				

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<p><b>SECTION 3</b> <b>GENERATORS (NEW INSTALLATION)</b> <b>BILL NO 1</b></p> <p>The descriptions in this Price Schedule shall be read in conjunction with the specification. The unit rate for each item in the Price Schedules shall include for all materials, labour, transport, etc., everything necessary or the execution and complete installation of the work in accordance with the description</p> <p>Routine services of generators refers to the servicing of the generator after the 12 months' free maintenance period. May include servicing of existing generator installations of the same size, excluding replacement parts but including all consumables like filters, lubricants, etc. Excludes travel and disbursements</p> <p><b>3.1 GENERATOR SETS</b></p> <p><u>Single Phase 20 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u></p> <p>3.1.1 Supply cost only 3.1.2 Delivery, installation and commissioning</p> <p><u>Single Phase 30 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u></p> <p>3.1.3 Supply cost only 3.1.4 Delivery, installation and commissioning</p> <p><u>Three Phase 30 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u></p> <p>3.1.5 Supply cost only 3.1.6 Delivery, installation and commissioning</p> <p><u>Three Phase 40 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u></p> <p>3.1.7 Supply cost only 3.1.8 Delivery, installation and commissioning</p> <p><u>Three Phase 60 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u></p> <p>3.1.9 Supply cost only 3.1.10 Delivery, installation and commissioning</p> <p>Carried Forward Section No. 3 Bill No. 1 GENERATORS</p>			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
	<u>Three Phase 80 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u>			
3.1.11	Supply cost only			
3.1.12	Delivery, installation and commissioning			
	<u>Three Phase 100 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u>			
3.1.13	Supply cost only			
3.1.14	Delivery, installation and commissioning			
	<u>Three Phase 150 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u>			
3.1.15	Supply cost only			
3.1.16	Delivery, installation and commissioning			
3.1.17	Load test Gen set			
3.1.18	Connect Genset to main Emergency DB on approval of Engineer			
3.1.19	Inspect Electrical integrity of Emergency power reticulation, including DBs, cabling, wiring and supply outlets and provide comprehensive report.			
3.1.20	Exhaust System - Extend exhaust system to expell outside of plant room.			
3.1.21	1000LTR SKID WITH 12V ADAMS PUMP WITH ALL LOCKABLE FITTINGS - ROOF BUILT TO COVER ENTIRE TANKER - PALISADE SURROUNDING THE RETAINING WALL WITH GATE TO ENTER AREA - X2 9KG FIRE EXTINGUISHERS MOUNTED ON THE FRAME - VIEW TUBE WITH LOCKABLE BALL VALVE FOR CONTENT MEASUREMENT - 1000LTR DIPSTICK FOR MANUAL MEASURING			
3.1.22	Supply and install low fuel alarm and shut off system			
3.1.23	Supply and install lockable Emergency stop system that trips the genset and fuel supply in an Emergency			
3.1.24	Supply and install wall mounted extractor fan (XPELAIR WGX9) or similar) complete with accessories, isolator and cabling.			
	Carried Forward			
	Section No. 3			
	Bill No. 1			
	GENERATORS			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
3.1.25	Supply diesel fuel			
3.1.26	Supply and install water separator in fuel line			
3.1.27	Supply and install padlocks			
3.2	<b>LABELING</b>			
3.2.1	Supply and install labels, markers and signage as per regulations for each of the generator sets and switch boards - Robust steel Signage to be approved by the Engineer			
3.3	<b>EARTHING AND BONDING</b>			
3.3.1	Install earthing and bonding to each of the generator sets, switch over panels and switch boards as per specifications and regulations and provide test results			
3.4	<b>FIRE PROTECTION</b>			
3.4.1	Supply and install Fire Extinguisher for generator set, complete with wooden mounting block, hook, etc.			
3.5	<b>MAINTENANCE</b>			
3.5.1	Call out fee			
<b>Carried Forward to Final Summary</b> <b>SECTION 3 - GENERATORS (NEW INSTALLATION)</b>				

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<p><b>SECTION 3</b>  <b>GENERATORS (MAINTENANCE)</b>  <b>BILL NO 1</b></p> <p>The descriptions in this Price Schedule shall be read in conjunction with the specification. The unit rate for each item in the Price Schedules shall include for all materials, labour, transport, etc., everything necessary or the execution and complete installation of the work in accordance with the description</p> <p>Routine services of generators refers to the servicing of the generator after the 12 months' free maintenance period. May include servicing of existing generator installations of the same size, excluding replacement parts but including all consumables like filters, lubricants, etc. Excludes travel and disbursements</p> <p><b>3.1 GENERATOR SETS</b></p> <p><u>Single Phase 20 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u></p> <p>3.1.1 Delivery, installation and commissioning  3.1.2 Routine servicing of generator</p> <p><u>Single Phase 30 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u></p> <p>3.1.3 Delivery, installation and commissioning  3.1.4 Routine servicing of generator</p> <p><u>Three Phase 30 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u></p> <p>3.1.5 Delivery, installation and commissioning  3.1.6 Routine servicing of generator</p> <p><u>Three Phase 40 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u></p> <p>3.1.7 Delivery, installation and commissioning  3.1.8 Routine servicing of generator</p> <p><u>Three Phase 60 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u></p> <p>3.1.9 Delivery, installation and commissioning  3.1.10 Routine servicing of generator</p> <p>Carried Forward  Section No. 3  Bill No. 1  GENERATORS</p>			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
	<u>Three Phase 80 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u>			
3.1.11	Delivery, installation and commissioning			
3.1.12	Routine servicing of generator			
	<u>Three Phase 100 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u>			
3.1.13	Delivery, installation and commissioning			
3.1.14	Routine servicing of generator			
	<u>Three Phase 150 kW Genset as per technical and specific specifications complete with plinth, canopy, control panel, change over unit, enter locks, starter, batteries and fuel tank.</u>			
3.1.15	Delivery, installation and commissioning			
3.1.16	Routine servicing of generator			
3.1.17	Load test Gen set			
3.1.18	Connect Genset to main Emergency DB on approval of Engineer			
3.1.19	Inspect Electrical integrity of Emergency power reticulation, including DBs, cabling, wiring and supply outlets and provide comprehensive report.			
3.1.20	Exhaust System - Extend exhaust system to expell outside of plant room.			
3.1.21	Repair existing generator canopy			
3.1.22	1000LTR SKID WITH 12V ADAMS PUMP WITH ALL LOCKABLE FITTINGS - ROOF BUILT TO COVER ENTIRE TANKER - PALISADE SURROUNDING THE RETAINING WALL WITH GATE TO ENTER AREA - X2 9KG FIRE EXTINGUISHERS MOUNTED ON THE FRAME - VIEW TUBE WITH LOCKABLE BALL VALVE FOR CONTENT MEASUREMENT - 1000LTR DIPSTICK FOR MANUAL MEASURING			
3.1.23	Supply and install low fuel alarm and shut off system			
3.1.24	Supply and install lockable Emergency stop system that trips the genset and fuel supply in an Emergency			
3.1.25	Supply and install wall mounted extractor fan (XPELAIR WG9) or similar) complete with accessories, isolator and cabling.			
	Carried Forward			
	Section No. 3			
	Bill No. 1			
	GENERATORS			



Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
3.1.26	Supply diesel fuel			
3.1.27	Supply and install water separator in fuel line			
3.1.28	Supply and install padlocks			
3.2	<b>LABELING</b>			
3.2.1	Supply and install labels, markers and signage as per regulations for each of the generator sets and switch boards - Robust steel Signage to be approved by the Engineer			
3.3	<b>EARTHING AND BONDING</b>			
3.3.1	Install earthing and bonding to each of the generator sets, switch over panels and switch boards as per specifications and regulations and provide test results			
3.4	<b>FIRE PROTECTION</b>			
3.4.1	Service Fire Extinguisher for generator set			
3.5	<b>MAINTENANCE</b>			
3.5.1	Call out fee			
<b>Carried Forward to Final Summary</b>				
<b>SECTION 3 - GENERATORS (MAINTENANCE)</b>				

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<b>SECTION 4</b> <b>UNINTERRUPTED POWER SUPPLIES (NEW INSTALLATION)</b> <b>BILL NO 1</b>  <p>The descriptions in this Price Schedule shall be read in conjunction with the specification. The unit rate for each item in the Price Schedules shall include for all materials, labour, transport, etc., everything necessary or the execution and complete installation of the work in accordance with the description</p> <p>Routine services refers to the servicing of the equipment after the 12 months' free maintenance period. May include servicing of existing equipment installations of the same size, excluding replacement parts but including all consumables. Excludes travel and disbursements</p>			
4.1	<b>UPS</b>			
	<u>Single Phase 10 kVA UPS as per technical and specific specifications</u>			
4.1.1	Supply cost only			
4.1.2	Delivery, installation and commissioning			
	<u>Single Phase 20 kVA UPS as per technical and specific specifications</u>			
4.1.3	Supply cost only			
4.1.4	Delivery, installation and commissioning			
	<u>Three Phase 10 kVA UPS as per technical and specific specifications</u>			
4.1.5	Supply cost only			
4.1.6	Delivery, installation and commissioning			
	<u>Three Phase 20 kVA UPS as per technical and specific specifications</u>			
4.1.7	Supply cost only			
4.1.8	Delivery, installation and commissioning			
	<u>Three Phase 40 kVA UPS as per technical and specific specifications</u>			
4.1.9	Supply cost only			
4.1.10	Delivery, installation and commissioning			
	<u>Three Phase 60 kVA UPS as per technical and specific specifications</u>			
4.1.11	Supply cost only			
4.1.12	Delivery, installation and commissioning			
	<u>Three Phase 80 kVA UPS as per technical and specific specifications</u>			
4.1.13	Supply cost only			
4.1.14	Delivery, installation and commissioning			
	Carried Forward			
	Section No. 4			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
	<u>Three Phase 100 kVA UPS as per technical and specific specifications</u>			
4.1.15	Supply cost only			
4.1.16	Delivery, installation and commissioning			
<b>4.2</b>	<b>SOLAR SYSTEM</b>			
	Off grid inverters			
4.2.1	<u>3KW Inverter with the following specifications - supply, delivery and installation included</u> INVERTER -Input voltage range; 9,5 -17V, 19-33V, 38-66V -Output Voltage; 230V +/- 2% -Output frequency; 50Hz +/- 0.1% -Cont. output power at 25CVA-300 25C-2400W, 40C-2200, 65C-1700W -Peak power output; 6000W -Maximum efficiency; 94% -Maximum feed through current; 2x50A - 2 x AC inputs -DC input range - 24V			
4.2.2	<u>5KW Inverter with the following specifications - supply, delivery and installation included</u> INVERTER -Input voltage range; 9,5 -17V, 19-33V, 38-66V -Output Voltage; 230V +/- 2% -Output frequency; 50Hz +/- 0.1% -Cont. output power at 25C-500VA, 25C-4000W, 40C-3700, 65C-3000W -Peak power output; 10000W -Maximum efficiency; 95% -Maximum feed through current; 2x100A - 2 x AC inputs -DC input range - 48V			
4.2.3	<u>8KW Inverter with the following specifications - supply, delivery and installation included</u> INVERTER -Input voltage range; 9,5 -17V, 19-33V, 38-66V -Output Voltage; 230V +/- 2% -Output frequency; 50Hz +/- 0.1% -Cont. output power at 25C-8000VA 25C-6500W, 40C-5500, 65C-3600W -Peak power output; 16000W -Maximum efficiency; 96% -Maximum feed through current; 2x100A - 2 x AC inputs -DC input range - 48V			
4.2.4	<u>10KW Inverter with the following specifications - supply, delivery and installation included</u> INVERTER -Input voltage range; 9,5 -17V, 19-33V, 38-66V -Output Voltage; 230V +/- 2% -Output frequency; 50Hz +/- 0.1% -Cont. output power at 25C-10000VA 25C-8000W, 40C-6500, 65C-4500W -Peak power output; 20000W -Maximum efficiency; 96% -Maximum feed through current; 2x100A - 2 x AC inputs -DC input range - 48V			
	Carried Forward			
	Section No. 4			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
4.2.5	15KW Inverter with the following specifications - supply, delivery and installation included INVERTER -Input voltage range; 9,5 -17V, 19-33V, 38-66V -Output Voltage; 230V +/- 2% -Output frequency; 50Hz +/- 0.1% -Cont. output power at 25C-15000VA 25C-12000W, 40C-10000,65C-7000W -Peak power output; 25000W -Maximum efficiency; 96% -Maximum feed through current; 2x100A - 2 x AC inputs -DC input range - 48V			
4.2.6	MPPT SOLAR CHARGERS - supply, delivery and installation included			
4.2.6.1	MPPT 250/70 with the following specs: -Battery voltage; 12/24/36/48 Auto select -Rated charge current; 70A -Nominal PV power; 48V - 4000W -Maximum PV open circuit Voltage; 250V -Maximum efficiency; 99% -Self consumption; Less than 20mA @48V			
4.2.6.2	MPPT 250/85 with the following specs: -Battery voltage; 12/24/36/48 Auto select -Rated charge current; 85A -Nominal PV power; 48V - 4900W -Maximum PV open circuit Voltage; 250V -Maximum efficiency; 99% -Self consumption; Less than 20mA @48V			
4.2.6.3	MPPT 250/100 with the following specs -Battery voltage; 12/24/36/48 Auto select -Rated charge current; 100A -Nominal PV power; 48V - 5800W -Maximum PV open circuit Voltage; 250V -Maximum efficiency; 99% -Self consumption; Less than 20mA @48V			
4.2.7	LITHIUM ION BATTERY - supply, delivery and installation included			
4.2.7.1	48/5kWh Li-ion battery -Total energy capacity; 5kWh -Energy, 80% DoD (kWh) - 4 -Energy, 90% DoD (kWh) - 4.5 -Current capacity; 100Ah -Warranty; 10 years or 4000 cycles warranty for average 80%DoD and max 90% DoD			
4.2.7.2	48/10kWh Li-ion battery -Total energy capacity; 10kWh -Energy, 80% DoD (kWh) - 8 -Energy, 90% DoD (kWh) - 9 -Current capacity; 200Ah -Warranty; 10 years or 4000 cycles warranty for average 80%DoD and max 90% DoD			
4.2.7.3	48/15kWh Li-ion battery -Total energy capacity;15kWh -Energy, 80% DoD (kWh) - 12 -Energy, 90% DoD (kWh) - 13.5 -Current capacity; 300Ah -Warranty; 10 years or 4000 cycles warranty for average 80%DoD and max 90% DoD			
	Carried Forward			
	Section No. 4			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
4.2.7.4	48/20kWh Li-ion battery -Total energy capacity;20kWh -Energy, 80% DoD (kWh) - 16 -Energy, 90% DoD (kWh) - 18 -Current capacity; 400Ah -Warranty; 10 years or 4000 cycles warranty for average 80%DoD and max 90% DoD			
4.2.7.5	48/30kWh Li-ion battery -Total energy capacity;30kWh -Energy, 80% DoD (kWh) - 24 -Energy, 90% DoD (kWh) - 27 -Current capacity; 600Ah -Warranty; 10 years or 4000 cycles warranty for average 80%DoD and max 90% DoD			
4.2.7.6	48/40kWh Li-ion battery -Total energy capacity;40kWh -Energy, 80% DoD (kWh) - 32 -Energy, 90% DoD (kWh) - 36 -Current capacity; 800Ah -Warranty; 10 years or 4000 cycles warranty for average 80%DoD and max 90% DoD			
4.2.7.7	48/80kWh Li-ion battery -Total energy capacity;80kWh -Energy, 80% DoD (kWh) - 64 -Energy, 90% DoD (kWh) - 72 -Current capacity; 1600Ah -Warranty; 10 years or 4000 cycles warranty for average 80%DoD and max 90% DoD			
4.2.8	<u>SOLAR PANNELS - supply, delivery and installation included</u>			
4.2.8.1	330W Solar panel -Rated maximum power; 330W -Maximum efficiency; 19.3% Operating temp; -40 -80C			
4.2.8.2	390W Solar panel -Rated maximum power; 390W -Maximum efficiency; 19.6% Operating temp; -40 -85C			
4.2.9	<u>Roof mount structure for solar panels:</u>			
4.2.9.1	330W Panels IBR Roof mount Clip lock roof mount Tile roof mount Triangle structure			
4.2.9.2	390W Panels IBR Roof mount Clip lock roof mount Tile roof mount Triangle structure			
4.3	<b>MAINTENANCE</b>			
4.3.1	Call out fee			
	<b>Carried Forward to Final Summary</b> <b>SECTION 4 - UPS (NEW INSTALLATION)</b>			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<p><b>SECTION 4</b></p> <p><b>UNINTERRUPTED POWER SUPPLIES (MAINTENANCE)</b></p> <p><b>BILL NO 1</b></p> <p>The descriptions in this Price Schedule shall be read in conjunction with the specification. The unit rate for each item in the Price Schedules shall include for all materials, labour, transport, etc., everything necessary or the execution and complete installation of the work in accordance with the description</p> <p>Routine services refers to the servicing of the equipment after the 12 months' free maintenance period. May include servicing of existing equipment installations of the same size, excluding replacement parts but including all consumables. Excludes travel and disbursements</p>			
4.1	UPS			
	<u>Single Phase 10 kVA UPS as per technical and specific specifications</u>			
4.1.1	Routine servicing of UPS			
4.1.2	Replacement battery - For replacing defective batteries of the same duty			
	<u>Single Phase 20 kVA UPS as per technical and specific specifications</u>			
4.1.3	Routine servicing of UPS			
4.1.4	Replacement battery - For replacing defective batteries of the same duty			
	<u>Three Phase 10 kVA UPS as per technical and specific specifications</u>			
4.1.5	Routine servicing of UPS			
4.1.6	Replacement battery - For replacing defective batteries of the same duty			
	<u>Three Phase 20 kVA UPS as per technical and specific specifications</u>			
4.1.7	Routine servicing of UPS			
4.1.8	Replacement battery - For replacing defective batteries of the same duty			
	<u>Three Phase 40 kVA UPS as per technical and specific specifications</u>			
4.1.9	Routine servicing of UPS			
4.1.10	Replacement battery - For replacing defective batteries of the same duty			
	<u>Three Phase 60 kVA UPS as per technical and specific specifications</u>			
4.1.11	Routine servicing of UPS			
4.1.12	Replacement battery - For replacing defective batteries of the same duty			
	<u>Three Phase 80 kVA UPS as per technical and specific specifications</u>			
4.1.13	Routine servicing of UPS			
4.1.14	Replacement battery - For replacing defective batteries of the same duty			
	Carried Forward			
	Section No. 4			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<p><b>SECTION 5</b></p> <p><b><u>AIRCONDITIONING (NEW INSTALLATION)</u></b></p> <p><b><u>BILL NO 1</u></b></p> <p>The descriptions in this Price Schedule shall be read in conjunction with the specification. The unit rate for each item in the Price Schedules shall include for all materials, labour, transport, etc., everything necessary or the execution and complete installation of the work in accordance with the description</p> <p>Routine services of air conditioning units refers to the servicing of the units after the 12 months' free maintenance period. May include servicing of existing units installations of the same size, excluding replacement parts but including all consumables. Excludes travel and disbursements</p>			
5.1	<b>AIR CONDITIONING</b>			
	AC Ceiling Cassette Units			
	Supply, deliver, install and commission the following HVAC equipment including fixing of hardwired remote against walls, wiring from isolators to outdoor and indoor units, glands, shrouds, monthly maintenance for the guarantee/warranty period, pumps, temperature indicator, on console, quiet running, energy efficient, etc.			
	<u>18000 BTU Ceiling Cassette AC Unit</u>			
5.1.1	Supply cost only			
5.1.2	Delivery, installation and commissioning			
	<u>24000 BTU Ceiling Cassette AC Unit</u>			
5.1.3	Supply cost only			
5.1.4	Delivery, installation and commissioning			
	<u>36000 BTU Ceiling Cassette AC Unit</u>			
5.1.5	Supply cost only			
5.1.6	Delivery, installation and commissioning			
	<u>48000 BTU Ceiling Cassette AC Unit</u>			
5.1.7	Supply cost only			
5.1.8	Delivery, installation and commissioning			
	<u>9000 BTU Midwall Split AC Unit</u>			
5.1.9	Supply cost only			
5.1.10	Delivery, installation and commissioning			
	Carried Forward			
	Section No. 5			
	Bill No. 1			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	Brought Forward			
	<u>12000 BTU Midwall Split AC Unit</u>			
5.1.11	Supply cost only			
5.1.12	Delivery, installation and commissioning			
	<u>18000 BTU Midwall Split AC Unit</u>			
5.1.13	Supply cost only			
5.1.14	Delivery, installation and commissioning			
	<u>24000 BTU Midwall Split AC Unit</u>			
5.1.15	Supply cost only			
5.1.16	Delivery, installation and commissioning			
	<u>36000 BTU Midwall Split AC Unit</u>			
5.1.17	Supply cost only			
5.1.18	Delivery, installation and commissioning			
	<u>48000 BTU Midwall Split AC Unit</u>			
5.1.19	Supply cost only			
5.1.20	Delivery, installation and commissioning			
5.2	<b>FANS</b>			
	Supply, deliver, install and commission extractor fans connected to luminaires complete with wiring, fixing materials, monthly maintenance for the guarantee/warranty period. Extractor fans to be installed in ceiling panels			
	300 l/s in line extractor fan			
5.2.1	Supply cost only			
5.2.2	Delivery, installation and commissioning			
5.3	Supply and install galvanised steel cages for the A/C compressors			
5.4	Additional pipe run including trunking and amourflex			
5.5	<b>MAINTENANCE</b>			
5.5.1	Call out fee			
	<b>Carried Forward to Final Summary</b>			
	SECTION 5 - AIRCONDITIONING (NEW INSTALLATION)			



Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<p><b>SECTION 5</b></p> <p><b>AIRCONDITIONING (MAINTENANCE)</b></p> <p><b>BILL NO 1</b></p> <p>The descriptions in this Price Schedule shall be read in conjunction with the specification. The unit rate for each item in the Price Schedules shall include for all materials, labour, transport, etc., everything necessary or the execution and complete installation of the work in accordance with the description</p> <p>Routine services of air conditioning units refers to the servicing of the units after the 12 months' free maintenance period. May include servicing of existing units installations of the same size, excluding replacement parts but including all consumables. Excludes travel and disbursements</p>			
5.1	<b>AIR CONDITIONING</b>			
	AC Ceiling Cassette Units			
	Supply, deliver, install and commission the following HVAC equipment including fixing of hardwired remote against walls, wiring from isolators to outdoor and indoor units, glands, shrouds, monthly maintenance for the guarantee/warranty period, pumps, temperature indicator, on console, quiet running, energy efficient, etc.			
5.1.1	<u>18000 BTU Ceiling Cassette AC Unit</u> Routine servicing of AC Unit			
5.1.2	<u>24000 BTU Ceiling Cassette AC Unit</u> Routine servicing of AC Unit			
5.1.3	<u>36000 BTU Ceiling Cassette AC Unit</u> Routine servicing of AC Unit			
5.1.4	<u>48000 BTU Ceiling Cassette AC Unit</u> Routine servicing of AC Unit			
5.1.5	<u>9000 BTU Midwall Split AC Unit</u> Routine servicing of AC Unit			
5.1.6	<u>12000 BTU Midwall Split AC Unit</u> Routine servicing of AC Unit			
5.1.7	<u>18000 BTU Midwall Split AC Unit</u> Routine servicing of AC Unit			
5.1.8	<u>24000 BTU Midwall Split AC Unit</u> Routine servicing of AC Unit			
5.1.9	<u>36000 BTU Midwall Split AC Unit</u> Routine servicing of AC Unit			
5.1.10	<u>48000 BTU Midwall Split AC Unit</u> Routine servicing of AC Unit			
5.2	Call out fee			
	<p><b>Carried Forward to Final Summary</b></p> <p><b>SECTION 5 - AIRCONDITIONING (MAINTENANCE)</b></p>			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<p><u>SECTION 6</u></p> <p><u>JOJO TANK (NEW INSTALLATION)</u></p> <p><u>BILL NO 1</u></p> <p>6.1 <u>JOJO TANK INSTALLATION</u></p> <p>The descriptions in this Price Schedule shall be read in conjunction with the specification. The unit rate for each item in the Price Schedules shall include for all materials, labour, transport, etc., everything necessary or the execution and complete installation of the work in accordance with the description</p> <p><u>5000LT JOJO WATER TANK</u></p> <p>6.1.1 Supply, delivery and installation</p> <p><u>.75 kw PRESSURE PUMP</u></p> <p>6.1.2 Supply, delivery and installation</p> <p><u>.75 kw PRESSURE PUMP (VSD)</u></p> <p>6.1.3 Supply, delivery and installation</p> <p><u>PLUMBING INSTALLATION</u></p> <p>6.1.4 Plumbing installation for the connection of JOJO tank, pressure pump and building related repairs</p> <p>Carried Forward to Final Summary</p> <p>SECTION 6 - JOJO (NEW INSTALLATION)</p>			

Item No	Description	LOCAL CONTENT (YES/NO)	%	AMOUNT
	<p><u>SECTION 6</u></p> <p><u>JOJO TANK (MAINTENANCE)</u></p> <p><u>BILL NO 1</u></p>			
6.1	<p><u>JOJO TANK INSTALLATION</u></p> <p>The descriptions in this Price Schedule shall be read in conjunction with the specification. The unit rate for each item in the Price Schedules shall include for all materials, labour, transport, etc., everything necessary or the execution and complete installation of the work in accordance with the description</p>			
6.1.1	<p><u>5000LT JOJO WATER TANK</u></p> <p>Replace damaged tank</p>			
6.1.2	<p><u>.75 kw PRESSURE PUMP</u></p> <p>Supply, delivery and installation</p>			
6.1.3	<p><u>.75 kw PRESSURE PUMP (VSD)</u></p> <p>Supply, delivery and installation</p>			
6.1.4	<p><u>PLUMBING INSTALLATION</u></p> <p>Plumbing installation for the connection of JOJO tank, pressure pump and building related repairs</p>			
	Carried Forward to Final Summary			

	AMOUNT
<b>FINAL SUMMARY</b>	
SECTION 1 - SUMMARY - PRELIMINARIES	
SECTION 1 - SUMMARY - PRELIMINARIES (MAINTENANCE)	
SECTION 2 - SUMMARY - MEASURED WORKS	
SECTION 2 - SUMMARY - MEASURED WORKS (MAINTENANCE)	
SECTION 3 - SUMMARY GENERATORS	
SECTION 3 - SUMMARY GENERATORS (MAINTENANCE)	
SECTION 4 - SUMMARY UPS	
SECTION 4 - SUMMARY UPS (MAINTENANCE)	
SECTION 5 - SUMMARY AIRCONDITIONING	
SECTION 5 - SUMMARY AIRCONDITIONING (MAINTENANCE)	
SECTION 6 - SUMMARY JOJO TANK INSTALLATION	
SECTION 6 - SUMMARY JOJO TANK INSTALLATION (MAINTENANCE)	
<b>SUB TOTAL</b>	
Add: 10% (Ten percent) Contingency (to be deducted if not utilised)	
<b>TOTAL</b>	
Add: VAT @ 15%	
<b>CARRIED TO QUOTATION SUMMARY</b>	
ORIGINAL BID PRICE	
DIFFERENCE	