public works & infrastructure
Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

COEGA
DEVELOPMENT CORPORATION

Request for Proposal

APPOINTMENT OF A CONTRACTOR TO PROVIDE A TURNKEY SOLUTION FOR THE PURCHASE & INSTALLATION OF BACK-UP POWER GENERATORS AND ANCILLARY WORKS FOR OFFICIAL RESIDENCE OF THE PARLIAMENTARY MEMBERS OF THE EXECUTIVE IN CAPE TOWN

Contract No.

CDC/391/25

NOVEMBER 2025

The closing date and time for the receipt of complete bid documents is Monday, 26 January 2026, 12h00

Name of Tenderer: _____

DOCUMENT CONTROL SHEET

The purpose of this form is to ensure that documents are reviewed and approved prior to issue. The form is to be bound into the front of all documents released by the CDC.

PROJECT NAME	:	Appointment Of A Contractor To Provide A Turnkey Solution For The Purchase & Installation Of Back-Up Power generators And Ancillary Works For Official Residence Of The Parliamentary Members Of The Executive In Cape Town
DOCUMENT TITLE	:	Request for Proposal
DOCUMENT No.	:	CDC-OPS-PLN-007-25

SIGNING OF THE ORIGINAL DOCUMENT

We, the undersigned, accept this document as a stable work product to be placed under formal change control as described by the Change Control Procedure document.

ORIGINAL	**Prepared by**	**Reviewed by**	**Approved by**
Date:	Name: **Thulasizwe Nhleko**	Name: **Liwalethu Mondi**	Name: **Tandile Ngxekana**
05 December 2025	Signature: Digitally Signed by: **Thulasizwe Nhleko** *Clerk of Works - NDPW Small Harbours* 5667f909-9716-46cd-9cdc-10e5e77900fd IP Address: 10.0.25.108 Date: 2025/12/05 9:49:33 AM	Signature: Digitally Signed by: **Liwalethu Mondi** *Project Manager* 72460610-66c2-4bec-814d-7ed438555c18 IP Address: 10.0.25.107 Date: 2025/12/05 9:51:39 AM	Signature: Digitally Signed by: **Tandile Ngxekana** *Executive Manager* fd38f5ed-3ec9-4149-8261-c49c69f53ccf IP Address: 10.0.30.52 Date: 2025/12/05 9:58:03 AM

Distribution:	***Potential Tenderer***

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Part C6: State Security Clearance Requirements

T1.1 TENDER NOTICE & INVITATION TO BID

CONTRACT NO.CDC/391/25
REQUEST FOR PROPOSAL
APPOINTMENT OF A CONTRACTOR TO PROVIDE A TURNKEY SOLUTION FOR THE PURCHASE & INSTALLATION OF BACK-UP POWER GENERATORS AND ANCILLARY WORKS FOR OFFICIAL RESIDENCE OF THE PARLIAMENTARY MEMBERS OF THE EXECUTIVE IN CAPE TOWN

The Coega Development Corporation (CDC) is headquartered in the City of Gqeberha, Nelson Mandela Bay Municipality, South Africa, with a strategic operational footprint in South Africa and beyond the boarders in the African continent. The CDC's vision is to be the leading catalyst for the championing of socio-economic development. This it seeks to achieve through the development and operation of the 9 003 hectare Coega Special Economic Zone (SEZ), a transshipment hub and a leading investment destination in Africa, providing highly skilled competence and capacity for the execution of quality complex infrastructure and related projects throughout South Africa and selected markets on the African continent, and advisory on the development of industrialization and logistics zones. The CDC's advanced capabilities are successful enablers in economic zone development and management, real assets management, infrastructure planning and development for National, Provincial, Local Government Departments and State-owned Entities, technology integration while realising related socio-economic impact areas such as skills and SMME development. The foundational culture of the CDC's approach, backed by core values, is innovation and continuous improvement.

INVITATION AND EMPLOYER'S REQUIREMENTS

The Coega Development Corporation (CDC) invites well-experienced, capable, and competent contractors with a CIDB Grading of 6EP or higher and proven track record in the construction of electrical and structural engineering services to submit proposals for appointment as a turnkey contractor.

This is an EPC/Turnkey Contract therefore the Tenderers should submit their Proposals either as Joint Ventures (JVs), Consortia or as single entities if they possess all the requisite skills in-house.

The project is to be completed within 12 months including design period from the commencement date.

C2. EMPLOYER'S REQUIREMENTS

The Employer's Requirements shall include the following activities, as specified further in the appended specification document **Annexure M**:

PART 1: DIESEL GENERATOR SPECIFICATION

1. Walmer Estate

This specification covers the installation of a standby generator required at the **Walmer Estate, Zonnebloem, Woodstock, Cape Town**.

The works consists of:

1.1 The decommissioning of the existing 60kVA generator and removal of the existing generator from site, including loading, rigging and transporting to Savernake, 12 Alcis Road, Newlands, Cape Town.

1.2 Upgrade existing generator, including transporting a **170kVA** generator that has been uninstalled at Rygersdal Flats, Rosebank, Cape Town to Walmer Estates.

1.3 Installation of the **170kVA 3-phase diesel generator**, complete with automatic changeover control panel, manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

1.4 Design and Construction of a manufacturer approved bunded steel reinforced concrete plinth with concrete slot for supply cables for the standby generator.

1.5 The connection of the automatic change-over system local to the generator to distribution system and cables.

1.6 The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year. The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

1.7 All related civil works, including plinth modification, clean-up and making good the entire installation, including all trenches, wall chases and LV room.

1.8 The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence.

2. Westerford Estate

This specification covers the installation for the new standby generator required at the **Westerford Estate**: 61 Klipper Road, Rondebosch (x6 houses) 1 on separate supply 61 Klipper, 61A, 61B, Klippercourt 1,2,3.

The works consists of:

2.1. The manufacture, supply, delivery, installation, testing and commissioning, training, documentation, maintenance and guarantee of an 80kVA, 400V, 3 phase standby generator set enclosed in a weather and soundproof enclosures, complete with automatic changeover control panel, manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

2.2. Repairs, renovation and building works on the existing generator room including construction of a bund wall to allow for containment of spills.

2.3. All electrical work required on the existing main distribution board necessary for proper operation and connection of the standby generator to the building, including a supply cable from generator to ATS, to the main DB.

2.4. The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year. The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

2.5. Tenderers are advised to allow in their unit prices for all equipment, material, transport, labour and other costs to ensure a complete and working installation as specified in this document and as detailed on the drawings.

2.6. After site hand-over, the contractor shall prepare a safety file to the approval of the Client prior to commencing work on site. He/she shall be required to prepare a programme, taking due account of the requirements set out to subsequent sections of this document. It will be commented on by the Client but shall remain the contractor's programme.

2.7. The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence.

3. Savernake

This specification covers the installation for the new standby generator required at the **Savernake, 12 Alcis Road, Newlands, Cape Town, 7700.**

The works consists of:

3.1 Decommissioning of Existing Generator and all its associated connections to site. Load, rig and transport the existing generator to the Department of Public Works and Infrastructure's storage building, Customs Foreshore Cape Town.

3.2 Upgrade existing generator, including transporting a 60kVA generator that has been uninstalled from Walmer Estates to Savernake.

3.3 The preparation, installation, testing and commissioning, training, documentation,

maintenance and guarantee of the 60kVA, 400V, 3 phase standby generator set enclosed in a weather and soundproof enclosures, complete with automatic changeover control panel, manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

3.4 All electrical work required on the existing main distribution board necessary for proper operation and connection of the standby generator to the building, including a supply cable from generator to main DB.

3.5 The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year.

3.6 The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

3.7 Tenderers are advised to allow in their unit prices for all equipment, material, labour, transport, travelling and other costs to ensure a complete and working installation as specified in this document and as detailed on the drawings.

3.8 After site hand-over, the contractor shall prepare a safety file to the approval of the Client prior to commencing work on site. He/she shall be required to prepare a programme, taking due account of the requirements set out to subsequent sections of this document. It will be commented on by the Client but shall remain the contractor's programme.

3.9 The connection of the automatic change-over system local to the generator to distribution system and cables.

3.10 The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence

4. Rygersdal flats

This specification covers the installation for the new standby generator required at the **Rygersdal Flats, 44 Grosvenor, Rosebank, Cape Town**.

The works consists of:

4.1. Decommissioning of Existing Generator and all its associated connections to site. The existing generator shall be loaded and transported to Walmer Estate, Zonnebloem, Woodstock.

4.2. The manufacture to supply a factory tested generator, deliver to site, installation, on site testing and commissioning, training, documentation, maintenance and guarantee of a **250 kVA, 400V, 3 phase** standby generator set, complete with a local automatic change-over control panel, a manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

4.3. Investigate and assess the existing plinth against the requirements for the new generator and where necessary modify and construct an approved steel reinforced concrete plinth with concrete slot for supply cables for the standby generator.

4.4. All electrical work required on the existing main distribution board necessary for proper operation and connection of the standby generator to the building, including a supply cable from generator to the main DB.

4.5. The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year. The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

4.6. Tenderers are advised to allow in their unit prices for all equipment, material, labour, transport and other costs to ensure a complete and working installation as specified in this document and as detailed on the drawings.

4.7. After site hand-over, the contractor shall prepare a safety file to the approval of the Client prior to commencing work on site. He/she shall be required to prepare a programme, taking due account of the requirements set out to subsequent sections of this document. It will be commented on by the Client but shall remain the contractor's programme.

4.8. The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence

PART 2: SOLAR PLANTS SPECIFICATION

The project employers requirements includes the following as specified further in this document. Note that the scope is **partially applicable** to some sites.

a. Supply and installation of inverters;
b. Supply and installation of batteries;
c. Supply and installation of solar panels;
d. Supply and installation of all the required electrical connections, distribution board, change-over switches, fuses, DC and AC cables, and the required trunking and fastening;
e. Application for authorisation from the City of Cape Town for an intention to install an embedded generation system, as well as obtaining the required written authorisation.
f. Test, commission and insure a certificate of compliance, as well as train the tenant on the use of the system.

1.1 Essential Circuits

The backup facility shall be expected to keep power on during load shedding on essential installations which include, but not limited to:

- Interior and exterior lights, and
- Socket outlets connecting security features of the Building;
- Socket outlets connecting the TVs and entertainment units, air conditioning, cell phone chargers, and internet routers.
- Other essential appliances with light loads.

1.2 Excluded Works

The following shall be excluded:

- There shall be no backup to socket outlets and power points connecting stoves, ovens, geysers, heavy kitchen appliances with heating elements, and heaters.

TENDER CONDITIONS

Failure to adhere to the conditions stated hereinunder or to provide evidence where specified, will render the submission non-responsive and the submission will be declared as null and void and will not be considered further.

(a) The Main Contractor must be registered with the Construction Industry Development Board (CIDB) and must have an **active CIDB Grade of 6EP or higher**. Potential Tenderers with **CIDB Grade 5EP PE** are not eligible to bid.

(b) Entities who intend submitting a bid as a Joint Venture must ensure that their combined grading meets the required CIDB Grading.

(c) Respondents must comply with the CDC's Procurement Policy & Procedures.

(d) The following legislation shall apply:

(i) Public Finance Management Act (PFMA);

(ii) Preferential Procurement Policy Framework Act (PPPFA), 2000:

(iii) The Preferential Procurement Regulations 2022;

(iv) National Treasury Regulations.

(v) Occupational Health and Safety Act and Regulations, Act (85 of 1993);

(vi) Compensation for Occupational injuries and disease Act (130 of 1993);

(vii) NEMA National Environmental Management Act (107 of 1998);

(viii) Disaster Management Act 57 of 2002;

(ix) National Building Regualations and Building Standards Act (103 of 1977);

(x) Broad -Based Black Economic Empowerment Act Number 53 of 2003 (as amended by Act number 46 of 2013);

(xi) Protection of Personal Information Act (Act No. 4 of 2013; and

(xii) Any other applicable legislation.

(xiii) Minimum Information Security Standard (MISS), Public service regulations,2016 Regulation 67

(e) The 80/20 preference point system will be used where points allocation will be as follows:

- Price – 80.00
- Specific goal – (B-BBEE Status level of Contribution) 20.00

(f) Tenderers will be evaluated on functionality and are expected to meet the minimum of 60 points threshold in order to be evaluated further. The evaluation criteria for assessing functionality and weight of each criterion are provided in the document;

(g) Tenderers and all its Consortium/Joint Venture (JV) members, if any, must confirm their company registration with Companies and Intellectual Property Commission (CIPC) (formerly CIPRO) as CDC will not award any bid to any business that appears on the CIPC List of de-registered businesses. The CDC may verify company registration with CIPC through BizPortal;

(h) As per amended construction codes, companies with less than 51% black shareholding (QSEs & Generics) are to submit a valid SANAS Accredited B-BBEE Verification Certificate (with the full applicable B-BBEE elements). QSE with at least 51% or 100% black shareholding and EMEs with an annual turnover of above R3 million are required to submit a B-BBEE verification certificate from a SANAS accredited verification agency as they have to comply with the 40% sub-minimum requirement on the QSE Skills Scorecard to avoid being discounted a level. EMEs with a turnover of less than R3 million are exempt from complying with the subminimum requirement and may submit an affidavit or a certificate issued by CIPC, confirming their ownership and annual turnover. In case of a JV, a consolidated B-BBEE certificate must be submitted as well as individual B-BBEE Certificates/affidavit of their entities to confirm the type of enterprise.

(i) Failure on the part of a Tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed. The documentation required to claim points for Specific Goals will be a BBBEE Level of Contributor certificate issued by an accredited SANAS agency.

(j) An Entity that is part of a JV / Consortium is not permitted to form part of more than one bid submission in terms of the Competition Act 89 of 1998;

(k) Proof of registration with Treasury's Centralized Supplier Database (CSD) or provide a Treasury CSD registration number e.g. MAAA;

(l) CDC will only award the tender to a Tenderer who is tax compliant. The tax compliance status of the Tenderers will be verified through CSD and SARS website. The prospective Tenderers must ensure that they are Tax Compliant throughout the validity period of the bid.

(m) Tenderers must be VAT registered and bids must be submitted VAT inclusive. Non-VAT vendors who submit bids for contracts that would, if successful, take their annual turnover above the threshold of R 1 million are obliged to include VAT in the prices quoted and must therefore immediately upon award of the contract register with the South African Revenue Services (SARS) as VAT vendors. The award of contract would be conditional pending the successful Tenderer submitting proof of registration as a VAT vendor with SARS;

(n) The CDC will not award more than two (2) active projects to one Tenderer, unless one project has reached 80% completion stage and beyond. Capacity assessment may be conducted in an event that the recommended Tenderer is the only responsive service provider and has already been awarded two contracts;

(o) The performance of the Tenderers on projects they have been awarded (past and current projects) shall be reviewed and evaluated on an on-going basis by the CDC Project Manager. Poor performance on awarded projects may result in a Tenderer not being awarded future projects by the CDC as per the CDC Service Provider Performance Management System (SPPMS);

(p) Tenderers must complete and sign the POPI Act consent form. In case of Joint Venture/Consortium, a separate form in respect of each party to the JV must be completed;

(q) Public servants are prohibited from doing any form of business with organs of the state, whether in their own capacity as individuals or through companies in which they are directors. Verification will be done, and Tenderers will be disqualified should they be found to be in contravention with the regulations

(r) Tenderers are required to have a design team with professionals' registered with the relevant professional bodies for the appropriate class of work.

(s) The Tenderers must nominate a person who will be their Overall Project Team Leader. The Overall Project Team Leader (OPTL):

(i) In the case of the JV / Consortium, each entity that is party to the JV/Consortium must nominate a person with delegated authority who will in turn sign the on the delegated authority of the OPTL on behalf of the JV/ Consortium.

(ii) Should have delegated authority to sign:

(1) The Proposal Submissions;

(2) All the Returnable Documents that should also be initialled and submitted as part of the Proposal;

(3) Any correspondence with the CDC during the bidding process;

(4) The Agreement to be entered into with the Successful Tenderer; and

(5) Any correspondence during the Contract Execution Phase.

(iii) Would be conferred the authority to be the duly Authorised Signatory as would be provided in the **Certificate of Authority of Signatory** that should be included in the Proposal for this TENDER Process.

(iv) Will be the sole point of contact between the CDC and the Tenderer during this bidding process.

(v) Would be required to review and sign off all the deliverables to the CDC during the execution of the contract, confirming their quality and professional soundness.

(t) The successful Tenderer will be required to comply with the Occupational Health and Safety Act and Regulations, Act (85 of 1993); Compensation for Occupational Injuries and Disease Act, Act (130 of 1993), National Environmental Management Act, Act (107 of 1998) and Disaster Management Act, Act (57 of 2002) and, all relevant legislations throughout the duration of the contract. Upon appointment of the successful Tenderer, will be required to develop Occupational Health, Safety and Environmental Management Systems in compliance with the SANS Norms and Standards. CDC Sustainability Business Unit will manage and monitor compliance and implementation of Occupation Health and Safety, Environmental and Quality requirements for the duration of the contract. The Tenderer shall ensure as far as is reasonably practicable, that article/substance is safe and without risk to health when properly used and that it complies with prescribed requirements. Take such steps as may be necessary to ensure that such article/substance's information is available regarding the use at work, risks to health and safety associated with and procedure to be followed is available in the case of an incident occurrence

(u) A successful Tenderer (Contractor) will be required to provide valid proof of registration of the Construction Health and Safety Officer (CHSO) with SACPCMP upon award during construction phase, must have necessary competencies and resources to execute his or her duties. The CHSO must have proven record of 2 years of experience or more. The CHSO will take full responsibility of managing and supervising safety, health and environment throughout the construction duration. No candidate registration will be accepted.

(v) A successful Tenderer (Contractor) will be required to appoint the structural Engineer with valid proof of registration upon award during the design phase, must have necessary competency to execute His/her duties.

(w) In case of JVs/Consortia, the Tenderer must include an Intent to Enter into a JV/Consortium Agreement. The actual copy of a complete and fully signed JV/Consortium Agreement would be required from the successful Tenderer upon completion of the procurement process;

(x) In case of a JV award, the entity will be expected to provide valid proof of registration with Compensation Fund or approved Licenced Insurer specified as the J/V entity for a specific duration"

(y) Any misrepresentation of information will lead to immediate disqualification of the Tenderer and its Submission will be deemed as being null and void. It is imperative that the duly authorised person conducts quality control on all the documentation to be submitted to the CDC as part of this TENDER and signs the submission as a correct and sound documentation that the CDC could put its reliance on.

(z) Attendance of the Briefing Meeting by at least one member of the Company or JV/Consortium is compulsory. The attendance register will be used to confirm attendance. Submissions from Companies or JV/Consortium which did not attend the Compulsory Briefing Meeting will not be evaluated.

(aa) The bids will be evaluated as follows:

(i) Stage 1: Timeous Submission
(ii) Stege 2: Responsiveness Assessment,
(iii) Stage 3: Functionality Assessment,
(iv) Stage 4: Quantitative Assessment, and
(v) Stage 5: Qualitative Assessment.
(vi) Stage 6: State Security Agency Clearance

(bb) The bid validity period shall be **twenty-four (24) weeks** from the tender closing date.

(cc) It is incumbent upon and the responsibility of the Tenderers to submit their full and correct contact details when they download the TENDER Document to enable any communication that the CDC might need to issue to all the Prospective Tenderers during the bidding process to be realised. The CDC will not be accountable for any such omission or failure by the Prospective Tenderers.

(dd) Tenders must only be submitted on the tender document that is issued.

(ee) Tenderers must note that this bid is subject to security vetting. The top three (3) highest scoring bidders following the evaluation process will be required to undergo State Security Agency (SSA) security screening. Appointment of the successful bidder will be subject to a positive security clearance outcome. Failure to comply with the security vetting requirements may result in disqualification.Once appointed, the successful Tenderer will have to ensure that all the CDC and DPWI's statutory and regulatory approvals are in place and procedures implemented, prior to any construction activities commencing. These include, but are not limited to:

i. Safety, Health and Environmental Management Plans;

ii. Agreed Project Execution Plan;
iii. Human Resource Management Plan;
iv. Third Party Approvals, such as the approvals from the:
- Department of Public Works
- Local Authority

(ff) Alternative bids may be submitted. An Alternative bid shall be submitted on a separate completed set of bid documents and shall be clearly marked “Alternative Bid” to distinguish it from the unqualified bid. Bid documentation shall state that the CDC will not be bound to consider alternative bids. Where the alternative bid is not accompanied by the original bid such submission will be declared non-responsive and shall not be evaluated.

(gg) The CDC reserves the right, in its sole discretion, to reject any bid where it appears to the employer that the Tenderer does not comply with any of the requirements set out above.

Collection of Documents

The documentation for this RFP Process can be downloaded from the CDC’s website: www.coega.com or the National Treasury e-tender portal from **Friday, 05 December 2025** at **10h00**. The CDC will not take responsibility for any errors that may occur in the downloading of documents. Tenderers are therefore required to ensure that they download the full pack with no missing pages.

Bid Communication

All queries relating to this tender may be addressed to Ms. Zine Mtanda, Unit Head: Supply Chain Management strictly via e-mail: Cpttenders@coega.co.za between the period of **05 December 2025 to 26 January 2026**. No new queries received **after 26 January 2026** will be responded to. Bidders are hereby notified that CDC will observe the annual December shutdown period, during which official operations and staff availability will be limited. Any correspondences, requests for clarification, or responses related to this tender submitted during the shutdown period, from **12 December 2025**, may only be attended to once operations resume in January, **12 January 2026**. CDC shall not be held liable for any delays in communication resulting from the shutdown period.

Mandatory Briefing Session

A Compulsory Site Briefing Meeting will be held at Cape Town Coega Development Corporation Offices located at 60 St Georges Mall,11 floor, South African Reserve Bank Building on **Tuesday, 20 January 2026, at 10h00** where representatives from the Coega Development Corporation and DPWI will meet prospective Tenderers. The briefing minutes will be shared with the Tenderers who have attended the briefing meeting and will also be published on the CDC website.

Closing date and time

The closing date and time for the receipt of complete bid documents is **Monday, 02 February 2026 at 12h00, One original completed bid document and one flash drive** (with one electronic Priced Activity Schedule (PAS) shall be placed in a sealed envelope clearly marked: **"CDC/391/25: "APPOINTMENT OF A CONTRACTOR TO PROVIDE A TURNKEY SOLUTION FOR THE PURCHASE & INSTALLATION OF BACK-UP POWER GENERATORS AND ANCILLARY WORKS FOR OFFICIAL RESIDENCE OF THE PARLIAMENTARY MEMBERS OF THE EXECUTIVE IN CAPE TOWN".** Documents are to be placed in the tender box at the **CDC Cape Town Office 60 St Georges Mall,11 floor, South African Reserve Bank Building**, **Cape town, 8000**.

Note: Tenderers must produce a valid South African Identification document at the security desks to be allowed access to the CDC office where the briefing will be held and submission of bids

Bids will not be opened in public, and no late submission will be considered. Failure to provide any mandatory information required in this document will result in the submissions being deemed null and void and shall be considered non-responsive.

Tenderers must ensure that all bid documents are submitted in a secure, sealed, tamper-proof envelope or container. The submission must be secure against any form of tampering, alteration, removal, or insertion of documents. Any bid submission received in packaging that appears to be torn, unsealed, loose papers or otherwise compromising the integrity of the contents may be deemed non-responsive and disqualified at the discretion of the CDC.

Telegraphic, telexed, tipped, facsimiled or e-mail submissions will not be accepted.

No telephonic or any other form of communication relating to this Bid with any other CDC member of staff, CDC Agent, Client, or any other role players will be permitted. All enquiries regarding this tender must be in writing only, and must be directed to:

Ms Zine Mtanda, Unit Head: Supply Chain Management; e-mail: Cpttenders@coega.co.za

There shall be no disclosure, other than to the Client's legal and technical advisors of the tender amounts, method of work, terms, conditions, etc., to any other Bidder nor to any parties who have not submitted tender documents. The CDC reserves the right not to accept the lowest proposal in part or in whole or any proposal.

T1.2 TENDER DATA

TABLE OF CONTENTS

1. LIST OF ACRONYMS AND ABBREVIATIONS

B-BBEE :	Broad-based Black Economic Empowerment
BS :	British Standards
CDC :	Coega Development Corporation
CIDB :	Construction Industry Development Board
CIPC :	Companies and Intellectual Property Commission
CSD :	National Treasury's Central Supplier Database
DPWI :	Department of public Works and Infrastructure
DNP :	Defects Notification Period
IA :	Implementing Agent
PC :	Performance Certificate
RFP :	Request for Proposal
SANS :	South African National Standards
SME :	Small and Medium Enterprises
VAT :	Value Added Tax

2. INTRODUCTION

The Coega Development Corporation (CDC) was mandated by the Department of Public Works & Infrastructure (DPWI) for the installation of generators or any possible back-up power supply to the official residences of the Presiding Officers and the Members of the Executive.

The recent black outs and the corona pandemic challenges and the new order of doing business through virtual and other communication platforms necessitates the CDC responds with urgency in the installation of the power back-up supply to the official residence of the Members of the Executive and Presiding Officers.

Prestige residences occupied by the Presiding Officers and the Members of the Executive are not installed with any backup power supply. This has resulted in several requests from the Members of the Executive imploring the Department of Public Works and Infrastructure to install these power back-up resources urgently to make enable the business of Government to proceed without any hindrances.

3. EMPLOYER'S REQUIREMENTS

PART 1: DIESEL GENERATOR SPECIFICATION

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This specification covers the installation of a standby generator required at the **Walmer Estate, Zonnebloem, Woodstock, Cape Town**.

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3.1.2 Upgrade existing generator, including transporting a **170kVA** generator that has been uninstalled at Rygersdal Flats, Rosebank, Cape Town to Walmer Estates.

3.1.3 Installation of the **170kVA 3-phase diesel generator**, complete with automatic changeover control panel, manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

3.1.4 Design and Construction of a manufacturer approved bunded steel reinforced concrete plinth with concrete slot for supply cables for the standby generator.

3.1.5 The connection of the automatic change-over system local to the generator to distribution system and cables.

3.1.6 The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year. The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

3.1.7 All related civil works, including plinth modification, clean-up and making good the entire installation, including all trenches, wall chases and LV room.

3.1.8 The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence.

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This specification covers the installation for the new standby generator required at the **Westerford Estate**: 61 Klipper Road, Rondebosch (x6 houses) 1 on separate supply 61 Klipper, 61A, 61B, Klippercourt 1,2,3.

The works consists of:

3.2.1 The manufacture, supply, delivery, installation, testing and commissioning, training, documentation, maintenance and guarantee of an 80kVA, 400V, 3 phase standby generator set enclosed in a weather and soundproof enclosures, complete with automatic changeover control panel, manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

3.2.2 Repairs, renovation and building works on the existing generator room including construction of a bund wall to allow for containment of spills.

3.2.3 All electrical work required on the existing main distribution board necessary for proper operation and connection of the standby generator to the building, including a supply cable from generator to ATS, to the main DB.

3.2.4 The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year. The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

3.2.5 Tenderers are advised to allow in their unit prices for all equipment, material, transport, labour and other costs to ensure a complete and working installation as specified in this document and as detailed on the drawings.

3.2.6 After site hand-over, the contractor shall prepare a safety file to the approval of the Client prior to commencing work on site. He/she shall be required to prepare a programme, taking due account of the requirements set out to subsequent sections of this document. It will be commented on by the Client but shall remain the contractor's programme.

3.2.7 The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence.

3.3. Savernake

This specification covers the installation for the new standby generator required at the **Savernake, 12 Alcis Road, Newlands, Cape Town, 7700.**

The works consists of:

3.3.1. Decommissioning of Existing Generator and all its associated connections to site. Load, rig and transport the existing generator to the Department of Public Works and Infrastructure's storage building, Customs Foreshore Cape Town.

3.3.2. Upgrade existing generator, including transporting a 60kVA generator that has been uninstalled from Walmer Estates to Savernake.

3.3.3. The preparation, installation, testing and commissioning, training, documentation, maintenance and guarantee of the 60kVA, 400V, 3 phase standby generator set enclosed in a weather and soundproof enclosures, complete with automatic changeover control panel, manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

3.3.4. All electrical work required on the existing main distribution board necessary for proper operation and connection of the standby generator to the building, including a supply cable from generator to main DB.

3.3.5. The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year.

3.3.6. The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

3.3.7. Tenderers are advised to allow in their unit prices for all equipment, material, labour, transport, travelling and other costs to ensure a complete and working

installation as specified in this document and as detailed on the drawings.

3.3.8. After site hand-over, the contractor shall prepare a safety file to the approval of the Client prior to commencing work on site. He/she shall be required to prepare a programme, taking due account of the requirements set out to subsequent sections of this document. It will be commented on by the Client but shall remain the contractor's programme.

3.3.9. The connection of the automatic change-over system local to the generator to distribution system and cables.

3.3.10. The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence

3.4. Rygersdal flats

This specification covers the installation for the new standby generator required at the **Rygersdal Flats, 44 Grosvenor, Rosebank, Cape Town**.

The works consists of:

3.4.1. Decommissioning of Existing Generator and all its associated connections to site. The existing generator shall be loaded and transported to Walmer Estate, Zonnebloem, Woodstock.

3.4.2. The manufacture to supply a factory tested generator, deliver to site, installation, on site testing and commissioning, training, documentation, maintenance and guarantee of a **250 kVA, 400V, 3 phase** standby generator set, complete with a local automatic change-over control panel, a manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

3.4.3. Investigate and assess the existing plinth against the requirements for the new generator and where necessary modify and construct an approved steel reinforced concrete plinth with concrete slot for supply cables for the standby generator.

3.4.4. All electrical work required on the existing main distribution board necessary for proper operation and connection of the standby generator to the building, including a supply cable from generator to the main DB.

3.4.5. The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year. The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure

safety of people and equipment on site.

3.4.6. Tenderers are advised to allow in their unit prices for all equipment, material, labour, transport and other costs to ensure a complete and working installation as specified in this document and as detailed on the drawings.

3.4.7. After site hand-over, the contractor shall prepare a safety file to the approval of the Client prior to commencing work on site. He/she shall be required to prepare a programme, taking due account of the requirements set out to subsequent sections of this document. It will be commented on by the Client but shall remain the contractor's programme.

3.4.8. The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence

PART 2: SOLAR PLANTS SPECIFICATION

The Employer's Requirements shall include the following activities, as specified further in the appended specification document **Annexure M**:

(a) Supply and installation of an inverter;

(b) Supply and installation of a battery or batteries;

(c) Supply and installation of solar panels;

(d) Supply and installation of all the required electrical connections, distribution board, change-over switches, fuses, DC and AC cables, and the required trunking and fastening;

(e) Application for authorisation from the City of Cape Town for an intention to install an embedded generation system, as well as obtaining the required written authorisation.

(f) Test, commission and insure a certificate of compliance, as well as train the tenant on the use of the system.

3.1 Essential Circuits

The backup facility shall be expected to keep power on during load shedding on essential installations which include, but not limited to:

a) Interior and exterior lights, and

b) Socket outlets connecting security features of the building.

c) Socket outlets connecting the TVs and entertainment units, air conditioning, cell phone chargers, and internet routers.

d) Other essential appliances with light loads.

3.2 Excluded Works

The following shall be excluded:

- There shall be no backup to socket outlets and power points connecting stoves, ovens, geysers, heavy kitchen appliances with heating elements, and heaters.

3.3 Tenderer Obligations

The Tenderer acknowledges that, prior to the submission of this tender, it has:

a. Carefully examined and understood the Employer's Requirements, including all technical, commercial, and legal conditions.
b. Verified the accuracy and sufficiency of the data, information, and specifications provided in the Employer's Requirements.
c. Conducted all necessary investigations, including site conditions (where access was permitted), applicable laws, and any other constraints affecting the Works.
d. Accepted full responsibility for the completeness and adequacy of its tender, including any design and execution risks under the EPC/Turnkey Contract

4. THE INSTITUTIONAL ARRANGEMENTS

(a) The CDC has been appointed by the Department of Public Works and infrastructure (DPWI) to provide Implementing Agency (IA) Services on purchase and installation of generators for official residences of members of the executive project.
(b) The CDC will conduct the procurement process with a view to soliciting an entity that will implement the Project, of which this RFP Process is part of.
(c) Following the conclusion of the overall procurement process, the CDC will enter into a contract with the successful Tenderer, monitor its performance and carry out Contracts Management Processes.

5. PROJECT SITE & LOCATION

Please Refer to Annexure M: Specification for the project details:

5.1. Work Package 1: Walmer Estate

a) Site Location

The site is located at Walmer Estate, Zonnebloem, Woodstock, Cape Town

b) Existing Installation

There are 8 housing units located in Walmer Estate which are all supplied from the same main supply which has an existing generator room on site with a 60kVA generator which only caters for security/perimeter lights, security gate and pumps. The Estate is supplied

from main existing supply of 250A 3Phase from the metering kiosk.

The Tenderer shall make himself/herself aware of the site conditions, layout and access to the site and price accordingly for the delivery, offloading and installation of the Generator

The successful Tenderer shall make himself/herself aware of the existing installation prior starting the work, this will enable the contractor to prepare the program accordingly and accommodate the changeover process.

c) Site Conditions

The following site conditions will be applicable, and equipment shall be suitably rated to develop their assigned rating and duty at these conditions.

(i) Height above sea level: 42 meters

(ii) Maximum ambient temperature: 35°C

(iii) Maximum ambient humidity at lowest temperature: 83%

5.2. Work Pack 2: Westerford Estate

a) Site Location

The site is located at, Westerford Estate: 61 Klipper Road, Rondebosch, Cape Town.

b) Existing Installation

Westerford Estate is supplied from 250A 3 phase main circuit breaker. The estate does not have existing backup power supply but there is a generator room with a slack cable provided and surge arrestors. The generator room is built already but is requires repairs and cleaning, the roof is leaking hence the ceiling falling apart and the lights are broken.

The room will also require sound attenuation at louvres and acoustic doors. The slack of the cable is provided. The main supply is 250A x 3 Phase in the main distribution board that supplies 6 houses with 60A each and the security supply. The main DB is in good condition with surge arrestors installed and the colour orange.

The successful Tenderer shall make himself/herself aware of the existing installation prior starting the work, this will enable the contractor to prepare the program accordingly and accommodate the changeover process.

The Tenderer shall make himself/herself aware of the site conditions, layout and access to the site and price accordingly for the delivery, offloading and installation of the Generator

c) Site Conditions

The following site conditions will be applicable, and equipment shall be suitably rated to develop their assigned rating and duty at these conditions.

(i) Height above sea level: 42 meters
(ii) Maximum ambient temperature: 35°C
(iii) Maximum ambient humidity at lowest temperature: 83%

5.3. Work Package 3: Savernake

The Tenderer shall make himself/herself aware of the site conditions, layout and access to the site and price accordingly for the delivery, offloading and installation of the Generator.

a) Site Location

The site is located at, Savernake, 12 Alcis Road, Newlands, Cape Town. It is made up of two houses in the same complex.

b) Existing Installation

Savernake has an existing 150kVA John deer generator. The generator and its canopy are worn out and rusted. The generator backs up only the security features of the two houses. The new generator shall provide backup to the entire estate and entire load.

The successful Tenderer shall make himself/herself aware of the existing installation prior starting the work, this will enable the contractor to prepare the program accordingly and accommodate the changeover process.

c) Site Conditions

The following site conditions will be applicable and equipment shall be suitably rated to develop their assigned rating and duty at these conditions.

(i) Height above sea level: 42 meters
(ii) Maximum ambient temperature: 35°C
(iii) Maximum ambient humidity at lowest temperature: 83%

5.4. Work Package 4: Rygersdal Flats

The Tenderer shall make himself/herself aware of the site conditions, layout and access to the site and price accordingly for the delivery, offloading and installation of the Generator.

a) Site Location

The site is located at, Rygersdal Flats, 44 Grosvenor, Rosebank, Cape Town

b) Existing Installation

Rygersdal Flats are supplied from 400A 3phase circuit breaker and currently backed up by a 170kVA generator with 200A ATS (automatic transfer switch) which only caters for

security lights, security gate and pumps. The new generator shall backup the entire housing complex and load.

The successful Tenderer shall make himself/herself aware of the existing installation prior starting the work, this will enable the contractor to prepare the program accordingly and accommodate the changeover process.

c) Site Conditions

The following site conditions will be applicable and equipment shall be suitably rated to develop their assigned rating and duty at these conditions.

(i) Height above sea level: 42 meters
(ii) Maximum ambient temperature: 35°C
(iii) Maximum ambient humidity at lowest temperature: 83%

5.5. The site location for the various houses who required the installation of Solar panels, inverters and batteries stand as follows:

All sites are located within the City of Cape Town, Western Cape;
Buildings are free standing homes;
Buildings may include out buildings such as guest house, garage, security gate house, or servant's quarters;

5.5.1. Work Package 5: Installation of 3-phase inverters and batteries

Sites that require the installation of 3-phase inverters and batteries.	
1	Rheezicht: Cottage to no.3
2	Rheezicht: Cottage to no.5
3	Rowan Avenue
4	4 Dune Road

5.5.2. Work Package 6: Installation of 3-phase inverters, batteries and solar panels

Sites that require the installation of 3-phase inverters, batteries, and solar panels.	
1.	18 Oak house Kenilworth, Cape Town
2.	25a Oak Road, Kenilworth, Cape Town
3.	21 Valley Road, Kenilworth, Cape Town
4.	21A Valley Road, Kenilworth, Cape Town
5.	2 Bowwood Road, Claremont, Cape Town, 7708

6.	Outenique, 2 Brier Road, Newlands, Cape Town
7.	Gydo, 1 Beulah Terrace, Oranjezicht, Cape Town
8.	Newlands House Ave La Caille, Newlands, Cape Town
9.	Shamrock House, Newlands, Cape Town
10.	31 Milnerton Ridge, Milnerton, Cape Town
11.	21 Alamein Street, Milnerton, Cape Town
12.	5 Cotswold Drive Milnerton, Cape Town
13.	51 Engina Crescent, Sunset Beach, Cape Town
14.	9 Delaire Street, Van Riebeeckshof, Bellville
15.	18 Welgelegen, Van Riebeckshof, Bellville
16.	5 Welgelegen, Van Riebeeckshof, Bellville
17.	45 Landskroon, Van Riebeeckshof, Bellville,
18.	15 Welgelegen, Van Riebeeckshof, Bellville,
19.	4 Maartbloom Close, Platekloof 2, Cape Town,
20.	33 Chardonnay, Oude Westhof, Cape Town
21.	Separate supply to no.2, Cape Town (To be confirmed)
22.	33 Norwich Drive
23.	19 Ohlsson Way
24.	Rockyvale

5.5.3. Work Package 7: Installation of 3-phase inverters, batteries and solar panels plus another 1-phase inverters and batteries

Sites that require the installation of 3-phase inverters, batteries and solar panels plus another 1-phase inverters and batteries	
1.	Hoogelegen

5.5.4. Work Package 8: Installation of 3-phase inverters, batteries and solar panels with solar panels on floating mounting structures.

Sites that require the installation of 3-phase inverters, batteries and solar panels with solar panels on floating mounting structures.

1.	50a Almond

5.5.5. Work Package 9: Installation of 1-phase inverters and batteries

Sites that require the installation of 1-phase inverters and batteries.	
5	1 Alamein Road
6	Bordeaux 605/606

6. HEALTH AND SAFETY

The Tenderer will provide Safety, Health and Environmental to the CDC for approval before commencing work on site. The Tenderer shall at all times adhere to and strictly comply with all applicable health and safety legislation, regulations industry codes and CDC's Health and Safety specifications included in (**Annexure N**).

The Tenderer shall have the professional and technical expertise, the competencies and skills and the appropriate equipment, tools, resources, facilities, licenses and permits to perform its obligations in terms of the project and comply with all safety requirements and the requirements for the protection of life, health and the environment.

Equipment Products, Components and/or Accessories must conform to all applicable Product Safety Standards appropriate. The Tenderer shall ensure that all his/her employees and his/her sub-Tenderer's employees working on the site are trained adequately in the type of work/tasks to be performed. Appropriate and suitable risk-based personal protective equipment (PPE) shall be provided by The Tenderer to all employees working onsite. The Tenderer shall take steps to eliminate or mitigate any hazard or potential hazard to the safety or health of employees before resorting to PPE.

The Tenderer shall ensure materials and products used are suitable for the site and service conditions expected to be encountered. The Tenderer shall not use any materials or substances that are generally known at the time of use to be deleterious, a health risk, or a fire hazard, either in use or in their manufacture. The Tenderer shall note that the Facilities will be occupied and shall protect the safety of the tenant while minimizing impact to the operation of the facility.

7. CONDITIONS OF TENDER

Failure to adhere to the conditions stated under the Mandatory Requirements as listed in Table 1 of this RFP, will render the submission non-responsive and the submission will be declared as null and void and will not be considered further.

7.1 General Conditions

7.1.1 Socio-Economic Transformation

The nature of the project will not cover the Socio-economic Transformation. The project is being executed at National Key Points with strict security clearance requirements for the contracting entity and the personnel working for the entity. The project only focuses on the purchase and installation of specialized plant which is under the electrical engineering discipline. This leaves us with no work packages that could be identified for SMME participation.

7.1.2 Safety, Health, Environmental & Quality Requirements

(a) The Tenderers will be required to comply with the:

(i) Occupational Health and Safety Act and Regulations, (Act 85 of 1993);
(ii) Compensation for Occupational Injuries and Disease Act, (Act 130 of 1993);
(iii) Disaster Management Act 57 of 2002
(iv) National Environmental Management Act (Act No. 107 of 1998) and Integrated
(v) Environmental Management Principles
(vi) All the relevant and applicable legislation;

(b) Upon appointment of the Successful Tenderer, it will be required to develop Occupational Health, Safety and Environmental Management Systems to comply with the SANS Norms and Standards.

7.1.4 Labour Issues During Construction

The Successful Tenderer shall comply with the CDC Socio-Economic Specification (Construction Labour) during the construction stage.

7.3 Disqualification of Tenderer

Prospective Tenderers, Tenderers or successful Tenderers will be disqualified immediately either:

(a) During the bidding process;
(b) During the bid evaluation process;
(c) During the bid adjudication process;
(d) After the bidding process has been concluded; or

(e) During the execution of the contract if they are found to have conducted or committed any of the following:

(i) The bid is non-responsive as determined in this document under clause 10.1;
(ii) Not registered on the National Treasury's Central Supplier Database (CSD) at the time of concluding the procurement process, having a reasonable time to do so been afforded to the Tenderer;
(iii) Bid/Proposal Document or any of the returnable either not signed or signed by another person other than the designated signatory, per Annexure C**;**
(iv) Tenderers, Tenderer's representatives, associates, or shareholders that sought to influence adjudication process of this tender, or outcomes of the adjudication process, directly or indirectly;
(v) Tenderer that failed to follow or observe the lines of communication that are prescribed in the Advert;
(vi) Any Tenderer or its principals or both who have engaged in corrupt and fraudulent practices, not only with the CDC but anywhere else;
(vii) The Tenderer has misrepresented information submitted;
(viii) Collusion among Tenderers;
(ix) The submission is late (as determined in this document);
(x) The bid documents have been filled in pencil and/or have correction fluid markings; or not duly signed where changes are made;
(xi) Tenderers appearing on National Treasury List of Restricted Suppliers; and
(xii) Form of offer not signed as required;
(xiii) Tenderers who have pending liquidation, in receivership, bankrupt/insolvent (actually and commercially);
(xiv) Tenderers who have poor or negative performance reports on previous projects.

(f) Public servants are prohibited from doing any form of business with organs of state, whether in their own capacity as individuals or through companies in which they are directors. Verification will be carried out and Tenderers will be disqualified should they be found to be in contravention with the regulations.

(g) All the information as listed in Annexure E (Pricing Schedule of Rates) must:
(i) Form part of the Tenderer's Submission to this RFP;
(ii) Be provided as required – accurate and complete;
(iii) Not be altered using a Correcting Fluid but scratched out and initialled;
(iv) Where altered, be initialled; and
(v) Signed, complete by the duly authorised Tenderers Representative.
(vi) Failure to which would lead to disqualification of the Tenderer.

8. CONDITIONS OF THE CONTRACT

8.1 Conditions of Contract

The Conditions of Contract for EPC/Turnkey Projects Second Edition 2017, (***FIDIC "Silver Book***") issued by the International Federation of Consulting Engineers (FIDIC). Copies of these conditions of contract may be obtained from the South African Institution of Civil Engineering (Tel. 011 – 805 5947) or the South African Association of Consulting Engineers (Tel. 011 – 463 2022).

8.2 Letter of Tender (form of offer and acceptance)

(a) Upon completing the Contract Price Schedule, the Tenderers must furnish the Letter of Tender, as the Form of Offer, for the Design, Capital Works, and Commissioning which is included as **Annexure F**.

(b) Upon completion of the procurement process for this RFP Process, the CDC will issue a Letter of Acceptance to the successful Tenderer, as a Form of Acceptance.

9. TERMS OF REFERENCE

All proposals are to be submitted in a format specified in this enquiry (if applicable). However, Tenderers are welcome to submit additional / alternative proposals over and above the originally specified format. It should be noted that adjudication will be done on the originally specified format.

Successful Tenderers will need to submit their proposed Implementation Programme for duration of the contract.

Note: Tenderer shall price for all activities of the contract as set out in the activity schedule in the Invitation to Tender Schedule.

10. BID EVALUATION CRITERIA

Tenderers are required to comply with all the mandatory requirements and failure to comply and complete any of the mandatory information will result in submissions being deemed null and void and shall be considered "non – responsive" and therefore they will not be considered. The following criteria will be used in assessing the responsiveness of tenders:

The bid evaluation process will consist of the following stages:

i. Timeous Submission of Proposals;
ii. Responsiveness Assessment;
iii. Quality/Functionality Assessment;
iv. Quantitative Assessment; and
v. Qualitative Assessment.
vi. State Security Agency Clearance

Stage 1 – Timeous Submissions

(a) All the Proposals must reach the CDC before the stated date and time of closure of this TENDER Process.

(b) Any late submission will be returned unopened to the respective Tenderer.

10.1 Responsiveness Assessment

(a) In order for the Tenderer to be considered as being responsive and eligible for the next stage of assessment, it has to pass the Responsiveness Assessment Stage. This will be determined from the submitted Bid and Returnable Documents that are listed in **Tables 2 and 3** below.

(b) If any of the items reflected in **Tables 4** is not furnished fully, filled in erasable ink or not signed and initialled on each page by the duly authorised Tenderer's Representative, then the submitted Bid will be considered as null and void and shall be considered as non-responsive and will therefore not be assessed further.

Table 1: Mandatory Requirements to be submitted

Item No.	Description
1	The Main Contractor must be registered with the Construction Industry Development Board (CIDB) and must have an **active CIDB Grade of 6EP or higher**. Potential Tenderers with CIDB **Grade 5EP PE** are not eligible to bid.
2	Completed and signed **Invitation to Bid (SBD 1**). In case of a Joint Venture/Consortium, each entity must provide the CSD number in the SBD1 form.
3	Completed and signed **Tenderers Disclosure Form (SBD 4).** In case of a Joint Venture/Consortium, a separate **SBD 4 Form** in respect of **each party** to the Joint Venture must be completed and submitted.
4	Signed Letter of Intent to enter into Joint Venture/Consortium. To be signed by all parties (**Where applicable**).
5	Completed and Signed Certificate of Authority of Signatory to be signed by **ALL BIDDING ENTITIES** and in case of a Joint Venture/Consortium the Authority of Lead Partner to sign JV/Consortium documents to be signed by all parties in the JV. Proof of authority to sign may be submitted in the form of company resolution.
6	Completed and Signed Attendance Register at the mandatory briefing meeting. The attendance register must be completed in the name of the entity that will tender. One person cannot represent more than one company. Failure to attend the Compulsory Briefing Meeting will lead to the Tenderer's elimination and the submission will not be evaluated further.

7	Completed and signed Pricing Schedule must be submitted (ANNEXURE E) and tender amount or offered price transferred to the Letter of Tender (ANNEXURE F) and written in permanent ink and duly signed by the Tenderer Copies of the priced activity schedule, alternatively scanned copies of the priced activity schedules are not acceptable and may result in disqualification. Any mistakes must be neatly crossed with one line and corrected rate written above it and initialized by the Tenderer. Should the Tenderer fail to price any item in the Pricing Schedule, it will be deemed non-responsive.
8	The Entity must provide proof of active registration for the Electrical Engineer: Registered as a Professional Engineer (Pr. Eng) / Professional Engineering Technologist with the Engineering Council of South Africa (ECSA). Notes: Candidate category will not be considered. The registered professional SHALL NOT be nominated for two (2) or more competing bidders as this constitutes a Conflict of Interest. Freelancers to take note of this condition

NB: Failure to submit and complete all mandatory information will result in submissions being deemed null and void and shall be considered "non-responsive" and therefore not considered further.

10.1.2 PROJECT SPECIFIC REQUIREMENTS/ ADDITIONAL INFORMATION

Table 2: Additional Information Required

NO.	DESCRIPTION	YES	NO
(1)	As per the amended construction codes, companies with less than 51% black shareholding (QSEs & Generics) are to submit a valid SANAS Accredited B-BBEE Verification Certificate (with the full applicable B-BBEE elements). QSEs with at least a 51% and EMEs with an annual turnover of above R3 Million are required to submit a B-BBEE verification certificate from a SANAS accredited verification agency as they have to comply with the 40% sub-minimum requirement on the QSE Skills Scorecard to avoid being discounted a level. EMEs with a turnover of less than R3 Million are exempt from complying with the subminimum requirement and may submit an affidavit or a certificate issued by CIPC, confirming their ownership and annual turnover. In the case of a JV or Consortium, a consolidated B-BBEE certificate must be submitted as well as individual B-BBEE Certificates/affidavit of the member entities to confirm the type of enterprise. **(Annexure J)**		
(2)	Completed and signed Form **SBD 6.1** preference points claim form in terms of the Preferential Procurement Regulations 2022. (**Annexure D**)		
(3)	Tenderers must complete and sign the POPI Act consent form. Joint ventures/ Consortium must provide a separate form in respect of each party to the JV. Supporting documents on project imperatives: (i) Plans for adhering, promoting, and managing safety, health and environmental issues before, during, and post the execution of the project.		

	(ii) Plans for monitoring and applying quality assurance principles in the execution of the project.		
(4)	Tenderers must provide a Valid Compensation Fund letter of good standing. In case of Consortium or Joint Venture, The Tenderer is to provide a letter of good standing as a registered Joint Venture Entity.		
(5)	All Tenderers will be subjected to **State Security Agency** (SSA) vetting for clearance to work on the properties assigned to the Member of the Executive. The vetting will be carried on the three (3) highest scoring Tenderers.		

10.2 Functionality Requirements

Functionality criteria will be applied in accordance with the provisions attached to this Procurement Plan, as follows:

Table A1: Functionality Criteria Score

Table A2: Indicators for the Scoring of Functionality Criteria

Only Tenderers that score a minimum of **60 points** out of a possible 100 points shall be considered further and evaluated in terms of the Price and scoring components of the project.

T1.3 FUNCTIONALITY SCORING CRITERIA

PART A – FUNCTIONALITY SCORING SCHEDULES

Table A1: Functionality Criteria for Contract No CDC/391/25

	Functionality Criteria	Description	Weighting	Requirements
1	**Methodology:** Adequacy of proposed work plan and methodology	Methodology for executing the work, provide key risk factors to be considered/listed with methodology	20	The Tenderer needs to submit a complete Technical Proposal, repairs and renovations, design principles and construction method to be adopted in implementing the Project. They should include Sections/Annexures covering Quality Management Plan, Risk Management Plan, SHE Management Plan, Labour Management, Plan, and Plan for Safety & Security Measures. The Tenderers are to indicate the approach methodology detailing the execution of the project. The methodology is to refer to the Employer's Requirements and SHEQ compliance in all respects. This must also include contingency planning and management. The methodology **must** also outline the procedure to be followed when managing the contract.
2	**Scheduling:** Project Scheduling	Completeness of the Milestone Schedule	15	The Milestone Schedule is to be complete with all key deliverables, with meaningful sequencing, reflecting resource allocation, and clearly indicating the assumptions made.
3	Locally based service providers from the targeted areas	Determination of locality for prospective Tenderers	10	The Tenderers must submit proof of office establishment as evidence to demonstrate locality. The evidence required should be in the form of a Title Deed in the name of the Bidder, a Valid signed Lease Agreement in the name of the Bidder (the landlord's contact number and e-mail address visible), a Municipal account not older than 3 months in the name of the Bidder, or a Municipal Billing Clearance Certificate in the name of the Bidder. **Please note: CSD, CIPC registration documents, Letterheads, Search engines, Statements, etc. will not be considered as proof of office space.**

4	**Track Record:** Demonstrated experience (past performance) in comparable projects (projects executed by Tenderer).	Electrical work in similar in nature (design, supply, installation, commissioning and maintenance of solar system) and standby Generator to the required scope.	25	This criterion covers the experience and knowledge that the Tenderers have gained with respect to the electrical works (design, supply, installation commissioning and maintenance of solar system) while executing past and current projects that are comparable with the defined Employer's Requirements in this tender. Tenderers MUST provide a list of similar projects completed accompanied by contactable client reference letter for similar project/s completed in the last seven (7) years demonstrating a largest contract/s completed with a minimum value of R3 million each
5	**Key Personnel of the Professional Team:** Competency and experience of the key personnel who will manage the execution of the project on site.	Provide CVs that determined years of experience in similar projects.	15	Tenderers must provide information that covers the level of experience, and the positions held as a professional engineer/ professional Engineering Technologist post registration. CVs shall be set out so that years' experience in this specific role can be determined, with minimum seven (7) years of work experience pertaining to the specific nature of the work.
6	**Key Personnel of the Electrical Contractor** Competency and experience of the key personnel who will manage the execution of the project Experience of the Electrical Contractor Team	Construction Manager	5	Tenderers must provide information that covers the level of experience, and the positions held of the **Construction Manager. Annexure K must be fully completed.** CVs shall be set out so that years' experience in this specific role of construction manager, can be determined.
		Site Agent	5	Tenderers must provide information that covers the level of experience, and the positions held of the **Site agent. Annexure K must be fully completed.** CVs shall be set out so that years' experience in this specific role of site agent, can be determined
		Foreman	5	Tenderers must provide information that covers the level of experience, and the positions held of the **General Foreman. Annexure K must be fully completed.** CVs shall be set out so that years' experience in this specific role of general foremen, can be determined.
		Total	**100**	

Table A2: - FUNCTIONALITY SCORING for Contract No CDC/391/25

#	Functionality Criteria	Sub Criteria	Evaluation Indicators				
			No information (0%)	Poor (25%)	Satisfactory (50%)	Good (75%)	Very Good (100%)
1	Methodology: Adequacy of proposed work plan and methodology	Methodology for executing the work	No methodology submitted	Very scanty on the approach to be adopted in implementing the project and includes up to 2 of the 5 required Management Plans.	States the approach to be adopted in implementing the project but includes only 3 of the 5 required Management Plans.	State clearly stating the approach to be adopted in implementing the project but includes only 4 of the 5 required Management Plans.	Complete, clearly stating the technical proposal to be adopted, and includes all the 5 required Management Plans.
2	Scheduling: Project Scheduling	The Milestone Schedule is to be complete with all key deliverables, with meaningful sequencing, reflecting resource allocation, and clearly indicating the assumptions made.	Not provided	Includes some key deliverables, sequencing not meaningful, resource allocation and assumptions either scanty or not included	Includes all key deliverables, sequencing not meaningful, resource allocation and assumptions not included	Includes all key deliverables, sequencing meaningful, either resource allocation or assumptions not included	Complete, all key deliverables indicated, meaningful sequence, resource allocation included, and assumptions made clearly stated

3	Locality	Locally based service providers from the targeted areas	Failed to provide relevant information that meets the criteria	The Tenderer is based outside of the Western Cape Province	The Tenderer is not based within the surround municipalities. Central Karoo & Garden Route	The Tenderer is based within the surround municipalities, West Coast, Cape Winelands & Overberg	The Tenderer is based within the City of Cape Town Municipality
4	Track Record: Demonstrated experience (past performance) in comparable projects (projects executed by Tenderer).	Electrical works similar in nature (design, supply and installation of solar system) to the required scope	No information provided	At least one (1) project completed in the last 7 years below value of R 3 million vat inclusive	At least two (2) projects completed in the last 7 years = value of R 3 million vat inclusive each	Three (3) projects completed in the last 7 years = or ≥ value of R R3 Million vat include. each	Four (4) projects or more completed in the last 7 years = or ≥ value of R 3 million vat inclusive. each
5	Key Personnel of the Professional Team: Competency and experience of the key personnel who will manage the execution of the project on site.	Electrical Design Professional Engineer	Electrical Engineer no No project experience information provided, or nil (0) performed.	Electrical Engineer have Number of years working on similar projects for period >3 years.	Electrical Engineer have Number of years working on similar projects for period = 3 years.	Electrical Engineer have Number of years working on similar projects for period >3 to 6 years.	Electrical Engineer have Number of years working on similar projects for period >6 years.
6	Key Personnel of the Electrical Contractor: Competency and experience of the key personnel who will manage the execution of the project	Experience of the Construction Manager	Provided but limited Experience	6 -7 years' experience as Construction Manager on at least one similar project with a contract value greater than R3m.	>7 – 9 years' experience as Construction Manager on at least two (2) similar project with a contract value greater than R3m.	>9 - 10 years' experience as Construction Manager on at least three (3) similar project with a contract value greater than R3m.	More than 10 years' experience as Construction Manager on at four (4) similar projects with a contract value greater than R3m.

	Experience of the Electrical Contractor Team	Experience of the Site Agent	Provided but limited Experience	6 -7 years' experience as Site Agent on at least one similar project with a contract value greater than R3m.	>7 – 9 years' experience as Site Agent on at least two (2) similar project with a contract value greater than R3m.	>9 - 10 years' experience as Site Agent on at least three (3) similar project with a contract value greater than R3m.	More than 10 years' experience as Site Agent on at four (4) similar projects with a contract value greater than R3m.
		Experience of the Foreman	Provided but limited Experience	6 -7 years' experience as Foreman on at least one similar project with a contract value greater than R3m.	>7 – 9 years' experience as Foreman on at least two (2) similar project with a contract value greater than R3m.	>9 - 10 years' experience as Foreman on at least three (3) similar project with a contract value greater than R3m.	More than 10 years' experience as Foreman on at four (4) similar projects with a contract value greater than R3m.

[1]See **IMPORTANT NOTES** below regarding Key personnel.

A Maximum of **100** Evaluation points will be awarded in respect to functionality scoring

A Minimum of **60 points** of the total number of points will be required in order to be considered further.

- Key Personnel will be expected to be available for all site and other meetings (co-ordination and technical meetings) as the exigencies of this project require.
- Should it become necessary to replace or supplement any of the key personnel listed during the course of this contract, they may only be replaced by individuals with similar or better qualifications and experience, who satisfy the minimum requirements and only on approval by the Employer.

- Details of key personnel for this project must be included in Schedule 8: Proposed key Personnel (T2 Tender Returnable Schedule 8

The Functional Criteria Score allocation is fully described in Table A1 and the scoring indicators for functionality scoring are detailed in Table A2. The description of each of the functionality criteria is described in detail and comments/documentation/description on the information that is required from the Tenderers is listed.

10.3 Quantitative Assessment

Bids that pass the functionality assessment stage will be further evaluated on Price and specific goals. Bids will be evaluated according to the Preferential Procurement Policy Framework Act, 2000 and Preferential Procurement Regulations, 2022. The 80:20 scoring system will be used.

Table 6: Allocation of Points

Area of Adjudication	Maximum Points
Tendererd Price (S_P)	80.00
Specific Goals (S_E)	20.00
Total Points (S)	**100.00**

The formula to be used is as follows:

$$Ps = 80\left[1 - \frac{Pt - Pmin}{Pmin}\right]$$

Where:

Ps = Points scored for comparative price of tender or offer under consideration.

Pt = Comparative price of tender or offer under consideration; and

Pmin = Comparative price of lowest acceptable tender or offer.

10.4 Qualitative Analysis

(a) Qualitative Assessment will be conducted on all the Tenderers that met the Quantitative Assessment to ascertain other possible commercial risks pertaining to the Tenderer's capacity, past performance and other risks.

(b) The performance reports of Tenderers which have previous exposure with CDC will be assessed to mitigate performance risks.

(c) The Tenderers will also be checked on National Treasury Database of Restricted Suppliers as

well as National Treasury Tender Defaulters.

(d) The BOQ will be scrutinised to identify arithmetic errors and to compere the total tender offer with the cost estimate and the market related price.

(e) The Tenderers will be assessed on their procurement integrity to establish whether the Tenderer or any of its directors been convicted of a corrupt or fraudulent act in competing for or executing any contract, whether the Tenderer or any of its directors is currently government employees and whether there is conflict of interests and/or collusion.

(f) Tenderer/s that reached this stage may be invited to a Clarification Meeting where they may be requested to demonstrate capacity and capability to execute the works with the Tendererd price offered and also to consider any other potential risks.

10.5 State Security Agency Clearence

a) During the Tender Evaluation process, the committee must identify the highest scoring Tenderers to be vetted by the Stage Security Agency to execute the project at National Key Point.

b) The Tenderers must submit the required documents directly to the **Parliament Permit office at 120 Plein Street in Parliament, Cape Town.**

c) The highest scoring Tenderer that is cleared by the State Security Agency will be eligible for appointment for the project.

11. COPYRIGHT

Copyright of this Document is vested in the CDC. It cannot be copied, in whole or in part, in any form or in any format without the prior written consent of the CDC.

12. CONFIDENTIALITY AND MEDIA PROTOCOL

Any information relating to the submissions, through the process or otherwise shall be treated in strict confidence. The CDC reserves the right to announce the names of Tenderers in the media. In submitting the bid, a Tenderer shall not be entitled to any information disclosed by another applicant to the CDC, which the CDC has determined to be confidential. The content and details of the evaluation of submissions will remain confidential to the CDC

ANNEXURES
PART T2: RETURNABLE SCHEDULES

PART T2: RETURNABLE SCHEDULES
Part T2.1 List of Returnable Documents

13. ANNEXURES

ANNEXURE A : SBD1: INVITATION TO BID
ANNEXURE B : SBD4: TENDERER'S DISCLOSURE
ANNEXURE C : AUTHORITY OF SIGNATORY
ANNEXURE D : SBD 6.1: PREFERENCE POINTS CLAIM FORM
ANNEXURE E : PRICING SCHEDULE OF RATES
ANNEXURE F : LETTER OF TENDER (AS A FORM OF OFFER)
ANNEXURE G : PARTICULAR CONDITIONS OF CONTRACT PART A
ANNEXURE H : PARTICULAR CONDITIONS OF CONTRACT PART B
ANNEXURE I : FORM K: PROTECTION OF PERSONAL INFORMATION: CONSENT FOR
ANNEXURE J : SWORN AFFIDAVIT – B-BBEE EXEMPTED MICRO ENTERPRISE
ANNEXURE K : PROPOSED KEY PERSONNEL
ANNEXURE L : SCHEDULE OF WORK - CURRENT & COMPLETED CONTRACTS
ANNEXURE M : EMPLOYERS REQUIREMENTS / SPECIFICATION
ANNEXURE N : HEALTH AND SAFETY SPECIFICATION
ANNEXURE O : C1.4: FORM OF PERFORMANCE SECURITY (SCHEDULE 18)
ANNEXURE P : CDC SHE FILE REQUIREMENTS
ANNEXURE Q : CDC-FI-FOM-001-010: SUPPLIER PERFORMANCE EVALUATION
ANNEXURE R : PROJECT CONDITIONS ASSESSMENT
ANNEXURE S : STATE SECURITY AGENCY REQUIREMENTS

ANNEXURE A

SBD1: INVITATION TO BID

SBD 1 **ANNEXURE A**

PART A
INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (*NAME OF DEPARTMENT/ PUBLIC ENTITY*)					
BID NUMBER:	CDC/391/25	CLOSING DATE:	**2 February 2026**	CLOSING TIME:	**12h00**
DESCRIPTION	**Appointment of a Turnkey Contractor for Cape Town: Official Residence of the Members of the Executive: Installation of Back-Up Power: Purchase & Installation of Generators and or any Possible Back-Up Power**				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT *(STREET ADDRESS)*					
60 St Georges Mall,11 floor, South African Reserve Bank Building **Cape town, 8000.**					

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO		**TECHNICAL ENQUIRIES MAY BE DIRECTED TO:**	
CONTACT PERSON	**Ms Zine Mtanda**	CONTACT PERSON	**Ms Zine Mtanda**
TELEPHONE NUMBER	**No calls allowed**	TELEPHONE NUMBER	**No calls Allowed**
FACSIMILE NUMBER		FACSIMILE NUMBER	
E-MAIL ADDRESS	Cpttenders@coega.co.za	E-MAIL ADDRESS	Cpttenders@coega.co.za

SUPPLIER INFORMATION				
NAME OF TENDERER				
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
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	☐Yes ☐No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?	☐Yes ☐No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]	

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.

PART B
TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:	
1.1.	TENDERS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE TENDERS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2.	**ALL TENDERS 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, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4.	**THE SUCCESSFUL TENDERER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**
2. TAX COMPLIANCE REQUIREMENTS	
2.1	TENDERERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2	TENDERERS 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	TENDERERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5	IN TENDERS 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 TENDERER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7	NO TENDERS 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 / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF TENDERER: ……

CAPACITY UNDER WHICH THIS BID IS SIGNED: ……
(Proof of authority must be submitted e.g. company resolution)

DATE: ……

ANNEXURE B

SBD 4: TENDERER'S DISCLOSURE

SBD 4 **ANNEXURE B**

TENDERER'S DISCLOSURE

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 Tenderer 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 TENDERER'S DECLARATION

2.1. Is the Tenderer, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest[1] 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 Tenderer, have a relationship 1 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. Full Name Identity Number Name of State institution SBD4 with any person who is employed by the procuring institution?

YES/NO

[1] *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.*

2.2.1. If so, furnish particulars:

……

……

2.3. Does the Tenderer 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 Tenderer 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[2] 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.

[2] *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.*

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

3.6. There have been no consultations, communications, agreements or arrangements made by the Tenderer with any official of the procuring Joint venture[1] 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. SBD4 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 Tenderer was not involved in the drafting of the specifications or terms of reference for this bid.

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

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 ENHANCING COMPLIANCE, TRANSPARENCY AND ACCOUNTABILITY IN SUPPLY CHAIN MANAGEMENT SHOULD THIS DECLARATION PROVE TO BE FALSE.

……	……
Signature	Date
……	……
Position	

ANNEXURE C

AUTHORITY OF SIGNATORY

ANNEXURE C

AUTHORITY OF SIGNATORY

Indicate the status of the Tenderer by ticking the appropriate box hereunder. The Tenderer must complete the certificate set out below for the relevant category.

A **Company**	B **Partnership**	C **Sole Proprietor**	D **Close Corporation**

A. Certificate for Company

I, ……....., chairperson

of the board of …… ,

hereby confirm that by resolution of the board (copy attached) taken on

…… 20….. , Mr/Ms ……..

acting in the capacity of …… , was authorised to sign all documents in connection with this tender for Contract Number. **CDC/391/25** and any contract resulting from it on behalf of the company.

As witnesses:

1. …….. Chairman: ……..

2. …….. Date: ……..

B. Certificate for Partnership

We, the undersigned, being the key partners in the business trading as …….

……..……....., hereby authorise

Mr/Ms ……..……,
acting in the capacity of ……

……., to sign all documents in connection with this tender for

Contract No **CDC/391/25** and any contract resulting from it on our behalf.

Name	Address	Signature	Date

Note: This certificate is to be completed and signed by all key partners upon whom rests the direction of the affairs of the Partnership as a whole.

C. Certificate for Sole Proprietor

I, ……....., hereby confirm that I am

the sole owner of the business trading as …….

As witnesses:

1. …….. Sole Owner: ……..

2. …….. Date: ……..

D. Certificate for Close Corporation

We, the undersigned, being the key members in the business trading as

……..……..……

hereby authorise Mr/Ms ……..

acting in the capacity of ……..……., to sign all to sign all documents in connection with this tender for Contract No **CDC/391/25** and any contract resulting from it on our behalf.

Name	Address	Signature	Date

Note: This certificate is to be completed and signed by all key partners upon whom rests the direction of the affairs of the Partnership as a whole.

ANNEXURE D

SBD 6.1 : PREFERENCE POINTS CLAIM FORM

ANNEXURE D

SBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included)

1.2 The applicable preference point system for this tender is the 80/20 preference point system.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

(a) Price; and

(b) Specific Goals.

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

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	**100**

1.5 Failure on the part of a Tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 The organ of state reserves the right to require of a Tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state

2. DEFINITIONS

(a) **"tender"** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;

(b) **"price"** means an amount of money Tendererd for goods or services, and includes all applicable taxes less all unconditional discounts;

(c) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

(d) **"tender for income-generating contracts"** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and

(e) **"the Act"** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

80/20

$$Ps = 80\left(1 - \frac{Pt - P\,min}{P\,min}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the Tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

***Note to Tenderers: The Tenderer must indicate how they claim points for each preference point system.*)**

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system)	Number of points claimed (80/20 system) (To be completed by the Tenderer)
Level 1 Contributor	20	
Level 2 Contributor	18	
Level 3 Contributor	14	
Level 4 Contributor	12	
Level 5 Contributor	8	
Level 6 Contributor	6	
Level 7 Contributor	4	
Level 8 Contributor	2	
Non-compliant contributor	0	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.2. Name of company/firm…….

4.3. Company registration number: ……...

4.4. TYPE OF COMPANY/ FIRM

- □ Partnership/Joint Venture / Consortium
- □ One-person business/sole propriety
- □ Close corporation
- □ Public Company
- □ Personal Liability Company
- □ (Pty) Limited
- □ Non-Profit Company
- □ State Owned Company

[TICK APPLICABLE BOX]

4.5. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I 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 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

(a) disqualify the person from the tendering 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 Tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted 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, if deemed necessary.

.....

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME: .....

DATE: .....

ADDRESS: .....

.....

.....

.....

T2.3 ANNEXURE E

PRICING SCHEDULE OF RATES

ANNEXURE E

T2 .3 PRICING SCHEDULE OF RATES

Pricing Instruction:

1. Original completed Schedule of Rates and Prices filled in clear legible with permanent ink and duly signed.
2. The Total Tender Amount (Incl. VAT) is to be carried to the Letter of Tender (Form of Offer).
3. The Employer shall not be responsible for any error, inaccuracy or omission of any kind in the Employer's requirements as originally included in the Contract and shall not be deemed to have given any representation of accuracy of completeness of any data or information. The Employer shall not relieve the contractor from the contractor's responsibility of executing execution of the Works.
4. Tenderers price offer will be all be inclusive of sundries, contingencies of any unknown risks, rates, taxes, levies for the execution of the works. This price is a **FIXED PRICE.**

ANNEXURE E

Pricing Schedule:

Preliminary & General

ITEM	DESCRIPTION	QTY	AMOUNT
1	**Preliminary & General**		
1,1	Provide for all preliminary and general items including Site Establishment, Removal & Clearing; Project supervision & Administration; Security of works; Provision of Sureties,	Item	
1.2	Insurances, Third Party Insurance, Guarantee of Works.		
	Professional Service Provider	Item	
1.2.1	**Stage 3: Designs Development**		
1.2.2	Detailed designs / Line Diagrams Submission of Detailed Designs for Sketch Plan Approval		
1.3	**Stage 5; Works / Execution**	Item	
1.3.1	Monitoring and Management of the Execution of the works by the Contractor.		
1.3.2	Compilation of Evaluation Certificates and payment certification.		
1.3.3	Submission of progress and financial reports.		
1.4	**Stage 6: Handover**	Item	
1.4.1	Testing, Commission and training		
1.5	**Stage 7: Close Out**	Item	
1.5.1	Management of Maintenance during the defect's liability period.		
1.5.2	Submission of Closeout Report		
1.5.3	Submission of Final Account		
	TOTAL CARRIED FORWARD TO SUMMARY: Preliminary & General (Excl. VAT)		

ANNEXURE E

Work Package 1

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	**Decommissioning of Existing Generator**				
1,1	Uninstall and remove existing generator and related electrical installation.	Item			
1,2	Loading and off-loading with rigging vehicle & crew and transporting of the above generator to a DPWI site located at Customs House Foreshore.	Item			
2	**Stand-by Generator**				
2,1	Loading and off-loading with rigging vehicle & crew, and transporting of an existing **60kVA** that has been uninstalled at Walmer Estates, Zonnebloem, Woodstock, Cape Town to Savernake	Item			
2,2	Complete installation of the **60kVA** three phase diesel standby generator, including a rustproof sound attenuated canopy, a Change Over Panel, and all the necessary ancillary equipment.	Item			
3	**Diesel Fuel**				
3,1	Supply and install into the standby generator tank the first fill of diesel.	L	400		
4	**Electrical Installation and Cable**				
4,1	Supply and installation of the electrical installation necessary to connect the generator to existing Main DB, including cables; earth wire; terminations; modification to existing main LV distribution board; and all civil works required to make good.	Item			
5	**Commissioning and Testing**				
5,1	Testing, commissioning and handing over in first class working condition of the installed standby diesel generator, changeover panel and associated electrical installation.	Item			
5,2	Supply Certificate of Compliance for the installation.	Item			
5,3	Provide 3 sets of Operating and Maintenance Manuals, including as-built drawings of the installation, and training of personnel.	Item			
6	**Quarterly Service**				
6,1	Allow for four (4) quarterly services as specified including transport, labour and supply and delivery of all consumable material required for the service.	Item			
	TOTAL CARRIED FORWARD TO SUMMARY: Work Package 1 (Excl. VAT)			**R**	

Work Package 2

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	**Generator Room Building Works**				
1,1	Repairs to the interior of the generator room, including building works, ceiling repairs, painting and electrical lighting and sockets.	Item			
2	**Stand-by Generator**				
2,2	Supply, delivery and installation of a complete **80kVA** three phase diesel standby generator complete with a sound attenuated canopy, exhaust piping to the outside, a change-over panel, and all the necessary ancillary equipment as specified.	Item			
3	**Diesel Fuel**				
3,1	Supply and install into the standby generator tank the first fill of diesel.	L	400		
4	**Electrical Installation and Cable**				
4,1	Provide for the supply and installation of additional electrical LV panels necessary to connect the generator to existing Main DB, including modifications to the existing panels; switchgear; cables; earth wire; and all civil works required to complete the installation.	Item			
5	**Commissioning and Testing**				
5,1	Testing, commissioning and handing over in first class working condition of the installed standby diesel generator, changeover panel and associated electrical installation.	Item			
5,2	Supply Certificate of Compliance for the installation.	Item			
5,3	Provide 3 sets of Operating and Maintenance Manuals, including as-built drawings of the installation, and training of personnel.	Item			
6	**Quarterly Service**				
6,1	Allow for four (4) quarterly services as specified including transport, labour and supply and delivery of all consumable material required for the service.	Item			
	TOTAL CARRIED FORWARD TO SUMMARY: Work Package 2 (Excl. VAT)			**R**	

ANNEXURE E

Work Package 3

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	**Decommissioning of Existing Generator**				
1,1	Uninstall and remove the existing generator and related electrical installation.	Item			
1,2	Loading and off-loading with rigging vehicle & crew and transporting of the above generator to a DPWI site located at Customs House Foreshore.	Item			
2	**Stand-by Generator**				
2,1	Loading and off-loading with rigging vehicle & crew and transporting of an existing **170kVA** that has been uninstalled at Rygersdal Flats, Rosebank, Cape Town and deliver it to Walmer Estates.	Item			
2,2	Complete installation of the **170kVA** three phase diesel standby generator, including a rustproof sound attenuated canopy, a Change Over Panel, and all the necessary ancillary equipment.	Item			
3	**Diesel Fuel**				
3,1	Supply and install into the standby generator tank the first fill of diesel.	L	400		
4	**Concrete Plinth**				
4,1	Investigate the existing concrete plinth and provide modifications to existing steel reinforced concrete plinth for the above standby generator.	Item			
5	**Electrical Installation and Cable**				
5,1	Supply and installation of the electrical installation necessary to connect the generator to existing Main DB, including cables; earth wire; terminations; trench excavation and backfilling; PVC Kabel flex sleeves; warning tape; and all civil works required to make good.	Item			
6	**Commissioning and Testing**				
6,1	Testing, commissioning and handing over in first class working condition of the installed standby diesel generator, changeover panel and associated electrical installation.	Item			
6,2	Supply Certificate of Compliance for the installation.	Item			
6,3	Provide 3 sets of Operating and Maintenance Manuals, including as-built drawings of the installation, and training of personnel.				
7	**Quarterly Service**				
7,1	Allow for four (4) quarterly services as specified including transport, labour and supply and delivery of all consumable material required for the service.				
	TOTAL CARRIED FORWARD TO SUMMARY: Work Package 3 (Excl. VAT)			**R**	

ANNEXURE E

Work Package 4

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	**Decommissioning of Existing Generator**				
1,1	Uninstall and remove the existing generator and related electrical installation.	Item			
2	**Stand-by Generator**				
2,1	Supply, delivery and installation of a complete **250kVA** three phase diesel standby generator complete with a rustproof sound attenuated canopy, a Change Over Panel, and all the necessary ancillary equipment as specified.	Item			
3	**Diesel Fuel**				
3,1	Supply and install into the standby generator tank the first fill of diesel.	L		400	
4	**Concrete Plinth**				
4,1	Investigate and assess the existing concrete plinth for suitability to hold the above generator.	Item			
4,2	Supply and installation of a steel reinforced concrete plinth for the above standby generator, as specified.	Item			
5	**Electrical Installation and Cable**				
5,1	Supply and installation of the electrical installation necessary to connect the generator to existing Main DB, including cables; earth wire; terminations; trench excavation and backfilling; PVC Kabel flex sleeves; warning tape; and all civil works required to make good.	Item			
6	**Commissioning and Testing**				
6,1	Testing, commissioning and handing over in first class working condition of the installed standby diesel generator, changeover panel and associated electrical installation.	Item			
6,2	Supply Certificate of Compliance for the installation.	Sum			
6,3	Provide 3 sets of Operating and Maintenance Manuals, including as-built drawings of the installation, and training of personnel.	Item			
7	**Quarterly Service**				
7,1	Allow for four (4) quarterly services as specified including transport, labour and supply and delivery of all consumable material required for the service.	Item			
	TOTAL CARRIED FORWARD TO SUMMARY: Work Package 4 (Excl. VAT)			**R**	

ANNEXURE E

Work Package 5

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply the following rates for all sites under **Work Package 5**.				
1	**DESIGN**				
1,1	Produce a system design, schematics and drawings, suitable for successful submission and approval by the City of Cape Town.	No	4		
2	**UTILITY AUTHORISATION AND SIGN-OFF**				
2,1	Provide for all utility related costs, including obtaining the required written permission/authorization from the City prior to installing the system; registration and completion of SSEG applications forms; sign-off by an ECSA Registered Persons Professional; and all liaison with the City of Cape Town required for successful connection of grid-tied non-exporting SSEG.	No	4		
3	**INVERTER**				
3,1	Supply and delivery of a City of Cape Town approved **12kW 3 phase** inverter as specified.	No	4		
4	**BATTERY**				
3,1	Supply and delivery of **15kW** LiFePo4 battery as specified.	No	4		
5	**OTHER ELECTRICAL**				
5,1	Supply and delivery of all the electrical installation required to complete the installation, including Distribution Boards, switchgear, fuses and fuse holders, trunking, changeover switch, DC and AC cables, and all accessories, lugs, terminations, and fasteners.	No	4		
6	**INSTALLATION**				
6,1	Total installation labour including testing, commissioning, demonstration of system to Client and handing over in first class working condition.	No	4		
7	**MAINTENANCE**				
7,1	Provide for one (1) schedule maintenance visit once at the end of the first six months, as specified.	No	4		
8	**CERTIFICATE OF COMPLIANCE**				
8,1	Provide Certificates of Compliance (COC) as per SANS 10142, including product warrantees and product brochures, datasheets, and owner's manuals.	No	4		
9	**OTHER**				
9,1	Other. Specify				
	TOTAL CARRIED FORWARD TO SUMMARY: Work Package 5 (Excl. VAT)			**R**	

ANNEXURE E

Work Package 6

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply the following rates for all sites under **Work Package 6**.				
1	**DESIGN**				
1,1	Produce a system design, schematics and drawings, suitable for successful submission and approval by the City of Cape Town.	No	24		
2	**UTILITY AUTHORISATION AND SIGN-OFF**				
2,1	Provide for all utility related costs, including obtaining the required written permission/authorization from the City prior to installing the system; registration and completion of SSEG applications forms; sign-off by an an ECSA Registered Persons Professional; and all liaison with the City of Cape Town required for successful connection of grid-tied non-exporting SSEG.	No	24		
3	**INVERTER**				
3,1	Supply and delivery of a City of Cape Town approved **12kW 3 phase** inverter as specified.	No	24		
4	**BATTERY**				
4,1	Supply and delivery of **15kW** LiFePo4 battery as specified.	No	24		
5	**SOLAR PANELS**				
5,1	Supply and delivery of 550W solar panels.	No	288		
6	**MOUNTING STRUCTURE**				
6,1	Supply and delivery of roof mounting structures for solar panels.	No	288		
7	**OTHER ELECTRICAL**				
7,1	Supply and delivery of all the electrical installation required to complete the installation, including Distribution Boards, switchgear, fuses and fuse holders, trunking, changeover switch, DC and AC cables, and all accessories, lugs, terminations, and fasteners.	No	24		
8	**INSTALLATION**				
8,1	Total installation labour including testing, commissioning, demonstration of system to Client and handing over in first class working condition.	No	24		
9	**CERTIFICATE OF COMPLIANCE**				
9,1	Provide Certificates of Compliance (COC) as per SANS 10142, including product warrantees and product brochures, datasheets, and owner's manuals.	No	24		

10 10,1	**PROVISIONAL AMOUNT** Provide **R75,000.00** for the installation of weatherproof canopies for outside mounted inverters.	No	1	75 000,00	75 000,00
11 11,1	**OTHER** Other. Specify				
	TOTAL CARRIED FORWARD TO SUMMARY : Work Package 6 (Excl. VAT)			**R**	

ANNEXURE E

Work Package 7

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply the following rates for all sites under **Work Package 7**.				
1	**DESIGN**				
1,1	Produce system designs, schematics and drawings, suitable for successful submission and approval by the City of Cape Town.	Sum	1		
2	**UTILITY AUTHORISATION AND SIGN-OFF**				
2,1	Provide for all utility related costs, including obtaining the required written permission/authorization from the City prior to installing the system; registration and completion of SSEG applications forms; sign-off by an an ECSA Registered Persons Professional; and all liaison with the City of Cape Town required for successful connection of grid-tied non-exporting SSEG.	Sum	1		
	3-PHASE INVERTER + BATTERY + SOLAR PANELS				
3	**INVERTER**				
3,1	Supply and delivery of a City of Cape Town approved **12kW 3 phase** inverter as specified.	No	1		
4	**BATTERY**				
4,1	Supply and delivery of **15kW** LiFePo4 battery as specified.	No	1		
5	**SOLAR PANELS**				
5,1	Supply and delivery of **550W** solar panels.	No	12		
6	**MOUNTING STRUCTURE**				
6,1	Supply and delivery of roof mounting structures for solar panels.	No	12		
7	**OTHER ELECTRICAL**				
7,1	Supply and delivery of all the electrical installation required to complete the installation, including Distribution Boards, switchgear, fuses and fuse holders, trunking, changeover switch, DC and AC cables, and all accessories, lugs, terminations, and fasteners.	No	1		
8	**INSTALLATION**				
8,1	Total installation labour including testing, commissioning, demonstration of system to Client and handing over in first class working condition.	No	1		
9	**CERTIFICATE OF COMPLIANCE**				
9,1	Provide Certificates of Compliance (COC) as per SANS 10142, including product warrantees and product brochures, datasheets, and owner's manuals.	No	1		

	1-PHASE INVERTER + BATTERY				
10	**INVERTER**				
10,1	Supply and delivery of a City of Cape Town approved **5kW 1-phase** inverter as specified.	No	1		
11	**BATTERY**				
11,1	Supply and delivery of **5kW** LiFePo4 battery as specified.	No	1		
12	**OTHER ELECTRICAL**				
12,1	Supply and delivery of all the electrical installation required to complete the installation, including Distribution Boards, switchgear, fuses and fuse holders, trunking, changeover switch, DC and AC cables, and all accessories, lugs, terminations, and fasteners.	No	1		
13	**INSTALLATION**				
13,1	Total installation labour including testing, commissioning, demonstration of system to Client and handing over in first class working condition.	No	1		
14	**MAINTENANCE**				
14,1	Provide for one (1) schedule maintenance visit once at the end of the first six months, as specified.	No	1		
15	**CERTIFICATE OF COMPLIANCE**				
15,1	Provide Certificates of Compliance (COC) as per SANS 10142, including product warrantees and product brochures, datasheets, and owner's manuals.	No	1		
16	**OTHER**				
16,1	Other. Specify				
	TOTAL CARRIED FORWARD TO SUMMARY: Work Package 7 (Excl. VAT)			**R**	

ANNEXURE E

Work Package 8

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply the following rates for all sites under **Work Package 8.**				
1	**DESIGN**				
1,1	Produce system designs, schematics and drawings, suitable for successful submission and approval by the City of Cape Town.	Sum	1		
2	**UTILITY AUTHORISATION AND SIGN-OFF**				
2,1	Provide for all utility related costs, including obtaining the required written permission/authorization from the City prior to installing the system; registration and completion of SSEG applications forms; sign-off by an an ECSA Registered Persons Professional; and all liaison with the City of Cape Town required for successful connection of grid-tied non-exporting SSEG.	Sum	1		
3	**INVERTER**				
3,1	Supply and delivery of a City of Cape Town approved **12kW 3 phase** inverter as specified.	No	1		
4	**BATTERY**				
4,1	Supply and delivery of **15kW** LiFePo4 battery as specified.	No	1		
5	**SOLAR PANELS**				
5,1	Supply and delivery of **550W** solar panels.	No	12		
6	**MOUNTING STRUCTURE**				
6,1	Supply and delivery of roof **floating** mounting structures for solar panels.	No	12		
7	**OTHER ELECTRICAL**				
7,1	Supply and delivery of all the electrical installation required to complete the installation, including Distribution Boards, switchgear, fuses and fuse holders, trunking, changeover switch, DC and AC cables, and all accessories, lugs, terminations, and fasteners.	No	1		
8	**INSTALLATION**				
8,1	Total installation labour including testing, commissioning, demonstration of system to Client and handing over in first class working condition.	No	1		
9	**MAINTENANCE**				
9,1	Provide for one (1) schedule maintenance visit once at the end of the first six months, as specified.	No	1		
15	**CERTIFICATE OF COMPLIANCE**				
15,1	Provide Certificates of Compliance (COC) as per SANS 10142, including product warrantees and product brochures, datasheets, and owner's manuals.	No	1		

16 16,1	**OTHER** Other. Specify				
	TOTAL CARRIED FORWARD TO SUMMARY: **Work Package 8 (Excl. VAT)**			**R**	

ANNEXURE E

Work Package 9

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply the following rates for all sites under **Work Package 9.**				
1	**DESIGN**				
1,1	Produce system designs, schematics and drawings, suitable for successful submission and approval by the City of Cape Town.	Sum	2		
2	**UTILITY AUTHORISATION AND SIGN-OFF**				
2,1	Provide for all utility related costs, including obtaining the required written permission/authorization from the City prior to installing the system; registration and completion of SSEG applications forms; sign-off by an an ECSA Registered Persons Professional; and all liaison with the City of Cape Town required for successful connection of grid-tied non-exporting SSEG.	Sum	2		
	1-PHASE INVERTER + BATTERY + SOLA PANELS				
3	**INVERTER**				
3,1	Supply and delivery of a City of Cape Town approved **12kW single phase** inverter as specified.	No	1		
4	**BATTERY**				
4,1	Supply and delivery of **15kW** LiFePo4 battery as specified.	No	1		
5	**SOLAR PANELS**				
5,1	Supply and delivery of **550W** solar panels.	No	12		
6	**MOUNTING STRUCTURE**				
6,1	Supply and delivery of surface-floating roof mounting structures for solar panels, as specified.	No	12		
7	**OTHER ELECTRICAL**				
7,1	Supply and delivery of all the electrical installation required to complete the installation, including Distribution Boards, switchgear, fuses and fuse holders, trunking, changeover switch, DC and AC cables, and all accessories, lugs, terminations, and fasteners.	No	1		
8	**INSTALLATION**				
8,1	Total installation labour including testing, commissioning, demonstration of system to Client and handing over in first class working condition.	No	1		
9	**MAINTENANCE**				
9,1	Provide for one (1) schedule maintenance visit once at the end of the first six months, as specified.	No	1		

10	**CERTIFICATE OF COMPLIANCE**				
10,1	Provide Certificates of Compliance (COC) as per SANS 10142, including product warrantees and product brochures, datasheets, and owner's manuals.	No	1		
	<u>1-PHASE INVERTER + BATTERY</u>				
11	**INVERTER**				
11,1	Supply and delivery of a City of Cape Town approved **12kW single phase** inverter as specified.	No	1		
12	**BATTERY**				
12,1	Supply and delivery of **15kW** LiFePo4 battery as specified.	No	1		
13	**OTHER ELECTRICAL**				
13,1	Supply and delivery of all the electrical installation required to complete the installation, including Distribution Boards, switchgear, fuses and fuse holders, trunking, changeover switch, DC and AC cables, and all accessories, lugs, terminations, and fasteners.	No	1		
14	**INSTALLATION**				
14,1	Total installation labour including testing, commissioning, demonstration of system to Client and handing over in first class working condition.	No	1		
15	**MAINTENANCE**				
15,1	Provide for one (1) schedule maintenance visit once at the end of the first six months, as specified.	No	1		
16	**CERTIFICATE OF COMPLIANCE**				
16,1	Provide Certificates of Compliance (COC) as per SANS 10142, including product warrantees and product brochures, datasheets, and owner's manuals.	No	1		
17	**OTHER**				
17,1	Other. Specify				
	TOTAL CARRIED FORWARD TO SUMMARY: Work Package 9 (Excl. VAT)			**R**	

ANNEXURE E

ITEM	Refer	DESCRIPTION	QTY (1)	UNIT		
					Currency :	ZAR
					Unit Price(2)	Total Price(1) x (2)
A		**SAFETY, HEALTH AND ENVIRONMENT**				
1	**1.1**	**Health and Safety Specification: compliance to project health and safety requirements**				
	1.1.1	Provisions for the appointment of the Full-Time **Construction Health and Safety Officer** to take full supervision, responsibility and the control of all health and safety related aspects during production and closeout stages under the obligations of the Principal Contractor	1	sum		
	1.1.2	Allow for the provisions of Contractor's obligation in compliance to the Occupation Health and Safety Act and Regulations, Act (85 of 1993) and relevant legislations as well as the Project Specifications requirements prepared for this contract	1	sum		
2	**2.1**	**Environmental Specification: compliance to project environmental requirements**				
	2.1.1	Allow for the provisions of Contractor's obligation in respect to the National Environment Act (107 of 1998) and relevant legislations as well as the Project Specifications requirements prepared for this contract	1	sum		
	2.1.2	Provisions for the adequate safe collection and disposal of waste material from site by an approved method.	1	sum		
	2.1.3	Provisions for the appointment of Search and Rescue Specialist e.g. flora and fauna *(where applicable)*	1	sum		

Total Preliminaries & General (Carried forward to item 1.2 of the main BoQ) **Grand Summary**	

CAPE TOWN VARIOUS - PURCHASE AND INSTALLATION OF GENERATORS FOR OFFICIAL RESIDENCES OF MEMBERS OF THE EXECUTIVE. Contract No.

SUMMARY

SCHEDULE	DESCRIPTION		TENDER AMOUNT
1	Preliminary & General	R	
2	Work Package 1	R	
3	Work Package 2	R	
4	Work Package 3	R	
5	Work Package 4	R	
6	Work Package 5	R	
7	Work Package 6	R	
8	Work Package 7	R	
9	Work Package 8	R	
10	Work Package 9	R	
Work Packages Sub-Total (Excl. VAT)		R	
P&G		R	
PSP's		R	
SHEQ		R	
Subtotal		R	
Add VAT @ 15%		R	
TOTAL (Incl. VAT)		**R**	

TENDERER'S NAME: _____

TENDERER'S REPRESENTATIVE: _____

TENDERER'S SIGNATURE: _____ **DATE:** _____

C1.1 ANNEXURE F

LETTER OF TENDER (AS A FORM OF OFFER)

ANNEXURE F

C1.1 LETTER OF TENDER (AS A FORM OF OFFER)

1.1. LETTER OF TENDER

Contract Description: Contract No.: CDC/391/25: Request for Proposals: Cape Town Various - Purchase and Installation of Generators for Official Residences of Members of the Executive.

NAME OF CONTRACTOR: _____

_____

_____

TO: Coega Development Corporation (PTY) Ltd
The CDC Head Office
Corner Alcyon Road & Zibuko Street,
Zone 1, Coega SEZ,
Gqeberha (Port Elizabeth).

1. I / We have examined the Conditions of Contract, Employer's Requirements, Schedules, the Contract Data and Addenda Nos _____ for the above-named Contract and the words and expressions used herein shall have the meanings assigned to them in the Conditions of Contract. We have examined, understood and checked these documents and have ascertained that they contain no errors or other defects. We accordingly offer to design, execute and complete the Works and remedy any defects therein, in conformity with such documents and our enclosed Tender (including this letter), for the lump sum of:

_____
(currency and amount in figures)

_____

_____
(currency and amount in words)

2. I / We agree to abide by this Tender until _____ [date] and it shall remain binding upon us and may be accepted at any time before that date. If this offer is accepted, we will provide the specified Performance Security, commence the Works as soon as is reasonably practicable after the Commencement Date, and complete the Works in accordance with the abovenamed documents within the Time for Completion. We guarantee that the Works

will then conform with the Schedule of Performance Guarantees. I / We understand that you are not bound to accept the lowest or any tender you may receive.

SIGNATURE: ..... DATE: .....

NAME (IN CAPITALS): .....

CAPACITY: .....

duly authorised to sign tenders for and on behalf of:

NAME OF TENDERER: .....

ADDRESS: ……..

……

……

NAME AND SIGNATURE OF WITNESSES:

WITNESS 1:

SIGNATURE: .....

NAME (IN CAPITALS): .....

WITNESS 2:

SIGNATURE: .....

NAME (IN CAPITALS): .....

C1.2 ANNEXURE G

PARTICULAR CONDITIONS PART A – Contract Data

C1.2 Particular Conditions Part A - Contract Data

PART 1: DATA PROVIDED BY THE EMPLOYER

GENERAL CONDITIONS OF CONTRACT

The following standardised General Conditions of Contract:

The General Conditions of Contract shall be the FIDIC 2nd Edition (2017 Silver Book) Conditions of Contract for EPC/TURNKEY Projects incorporating the "Errata to the FIDIC Conditions of Contract for EPC/TURNKEY Projects Second Edition 2017" as published by FIDIC.

The Contractor must obtain his own copy of these Conditions of Contract (FIDIC "Silver Book")

The Annexes and Forms bound in the Conditions of Contract (Silver Book) shall not apply to this Contract and shall be replaced with the documentation bound into this Tender document.

The General Conditions make reference to the Particular Conditions and Special Conditions (Clause 1.1.50) (contained in the Contract Data), which, together with these conditions, collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract.

The Contract Data (Particular Conditions and Special Conditions) shall have precedence in interpreting any ambiguity or inconsistency between it and the general conditions of contract.

The General Conditions shall be read in conjunction with the variations, amendments and additions in the Particular Conditions and Special Conditions below. Each data item given below is cross-referenced to the Clause or Sub-Clause in the General Conditions to which it mainly applies.

Contract Data

The following contract specific data are applicable to this Contract:

Sub-Clause	Data to be Given	Data / Wording
1.1.17	Where the Contract allows for Cost Plus profit, percentage Profit to be added to the Cost.	5%

1.1.24	Defects Notification Period (DNP)	90 Days
1.1.27	Employers name and Address:	Name: COEGA DEVELOPMENT CORPORATION (Pty) Ltd Address: CDC Cape Town Office, 60 St Georges Mall, 11thfloor South African Reserve Bank Building. 8000
1.1.30	The Employers Representative	Name: Thulasizwe Nhleko Address: CDC Cape Town Office, 60 St Georges Mall, 11thfloor South African Reserve Bank Building. 8000
1.1.76	Time to completion	12 Months
1.3 Notices and Other Communications		
1.3(a)(ii)	Agreed methods of electronic transmission	System of electronic communication accepted for communications via email only and not via SMSs, mms, WhatsApp or any other social media platform
1.3(d)	Address of Employer for communication	Physical address: CDC Cape Town Office, 60 St Georges Mall, 11thfloor South African Reserve Bank Building. 8000 Email address: Thulasizwe.nhleko@coega.co.za
1.3(d)	Address of Employer's Representative for communication	Physical address: CDC Cape Town Office, 60 St Georges Mall, 11floor South African Reserve Babk Building. 8000 Email address: Thulasizwe.nhleko@coega.co.za
1.4 Law and Language		
1.4	Governing Law	Republic of South Africa
1.4	Ruling Language	English

1.4	Language for Communications	English
1.8	Number of additional paper copies of Contractor'	Immediately after the Commencement Date, subject to the Contractor's compliance with OHS Act, Construction Regulations and Environment Requirements as specified in the relevant Annexures to this Contract
1.14	Total liability of the Contractor to the Employer under or in connection with the Contract	The total liability of the Contractor to the Employer under or in connection with the Contract shall not exceed 150% of the Contract Price, except for liability arising from gross negligence and wilful misconduct.
2.1 Right of Access to the Site		
2.1	After the Contract comes into full force and effect, the Contractor shall be given right to access to all or part of the Site within	14 Days subject to the Contractor providing the Employer with: • SHE File compliant with scope of work and Annexure P • Construction Permit/Notification of Construction Work • Detailed Construction Program • Performance Security
4.2 Performance Security		
4.2	Performance Security:	10% of the Contract Price until the date of the Taking-Over Certificate is issued in accordance with clause 10; and 5% until the date the Performance Certificate is issued in accordance with clause 11.9
4.3 Contractor's Representative		
4.3	Contractors Representative	Name: _____
4.4 Subcontractors		
4.4(a)	Maximum allowable accumulated value of work subcontracted (as a percentage of the Contract Price)	60%
4.4(b)	Parts of the Works for which subcontracting is not permitted	None

4.4	Subcontractors for which the Contractor shall give Notice before appointment.	All Subcontractors
4.19 Temporary Utilities		
4.19	Period of payment for temporary utilities	30 Days
6.5 Working Hours		
6.5	Normal working hours on the Site	07h30 – 17h30 weekdays
8.1 Commencement of Works		
8.1	Commencement of Works	In the third paragraph Insert “Purchase and installing” before the word “execution”
8.3 Programme		
8.3	Programme	The programme shall be submitted in MS Project format as well as in colour PDF format.
8.8 Delay Damages		
8.8	Delay Damages:	Delay Damages amount calculated in accordance with percentages (%) of the Contract Price in the proportions of the currencies in which the Contract Price is payable, detailed in the schedule below and capped at seven percent (7%) of the Contract Price at the Time for Completion Date. And will be payable in the following increments: ● 0.1% per day of 70% of the total of the Contract Price at the Take Over Date, for the first 10 days of delay. ● 0.2% per day of 70% of the total of the Contract Price at the Take Over Date, for the 11th to the 20th day of delay, ● 0.4% per day of 70% of the total of the Contract Price at the Take Over Date, for the 21st to the 25th day of delay, ● 1% per day of 70% of the total of the Contract Price at the Take Over Date, for the 26th to the 30th day of delay.

14.2 Advance Payment		
14.2	Advance Payment	Not Applicable
14.3 Application for Interim Payment		
14.3(iii)	Percentage of retention	10% reducing to 5% upon the issue of a Taking-Over Certificate
14.3(iii)	Limit of Retention Money (as percentage of the Contract Price)	10% of Contract Value
14.7 Payment		
14.7(b)(i)	Period of Employer to make interim payments to the Contractor under Sub-Clause 14.6 [*Interim Payment*]	30 Days
14.7(b)(ii)	Period of Employer to make interim payments to the Contractor under Sub-Clause 14.13 [*Final Payment*]	30 Days
14.7(c)	Period for the Employer to make final payments to the Contractor	30 Days
14.8 Delayed Payment		
14.8	Financing charges for delayed payments (percentage points above the average bank short-term lending rate a referred to under sub-paragraph (a)	0%
14.15 Currencies of Payment		
14.15	Currencies for payment of Contract Price	South African Rand (ZAR)
19.1 Insurance (General Requirements)		
19.1	Period for submission of insurance:	Evidence of insurance: 14 days Relevant policies: 14 days
19.2 Insurance to be provided by the Contractor		
19.2(1)(b)	Additional amount to be insured (as a percentage of the replacement value, if less or more than 15%).	15 % to apply
19.2(1)(iv)	List of Exceptional Risk which shall not be excluded from the insurance cover for the Works.	None
19.2.2	Extent of insurance required for Goods	100%

	Amount of insurance required for Goods	
19.2.3(a)	Amount of insurance required for liability for breach of professional duty.	150% of design component of the contract
19.2.3(b)	Period of insurance required against liability for fitness for purpose	Yes / No (Delete as appropriate)
19.2.3	Period of insurance required for liability for breach of professional duty	10 Years
19.2.4	Amount of insurance required for injury to persons and damage to property.	R10million per claim and R50milion in the aggregate, or such insurance provided by the Contractor in excess of the stated values
19.2.6	Other insurance required by Laws and by local practice (give details)	South African Special Risks Insurance Association (SASRIA)
21.1 Constitution of the DAAB		
21.1	Time for appointment of DAAB	21 Days
21.1	The DAAB shall comprise	1 Members
21.2 Failure to Appoint DAAB Member(s)		
21.2	Appointing entity (official) for DAAB members	Association of Arbitrators (Southern Africa)

C1.3 ANNEXURE H

PARTICULAR CONDITIONS PART B – Contract Conditions

C1.3 Particular Conditions

The Particular Conditions are:

Clause No	Description
Sub-Clause 1.1	**Sub-Clause 1.1 - Definitions**
1.1.4	***Commencement Date*** *The date as stated in the Employers Noticed issued under Sub-Clause 8.1[Commencement of Works]*
1.1.7	***Delete and Replace Sub-Clause 1.1.7 with the following***: "Contract" means the Form of Offer and Acceptance, Contract Data, these Conditions, the Specifications, the Drawings, the Schedules and the further documents (if any), which are listed in the Form of Offer and Acceptance, and further includes drawings and documents or parts thereof, which any of the aforesaid documents incorporate by reference.
1.1.8	**Contract Agreement** The Agreement entered by both Parties in accordance with Sub-Close 1.6[Contract Agreement}, including any annexed memoranda
1.1.27	***Add the following to Sub Clause 1.1.32:*** “Employer” and “Client” shall be used interchangeably and shall be the Coega Development Corporation (Pty) Ltd
1.1.12	**Contractor’s Documents** means the documents prepared by the Contractor as described in Sub-Clause 5.2 [Contractor’s Documents], including calculations, digital files, computer programs and other software, drawings, manuals, models, specifications and other documents of a technical nature.
1.1.62	***Delete and Replace Sub-Clause 1.1.62 with the following:*** "Schedules" means the document(s) entitled Tender Schedules, completed by the Contractor and submitted with his tender offer, as included in the Contract. Such document(s) may include the Bill of Quantities, data, lists and schedules of rates and/or prices, Asset Replacement Schedule and Operating & Maintenance Manuals/Schedules.
1.1.73	***Delete and Replace Sub-Clause 1.1.73 with the following:*** "Tender" means that section of the Form of Offer and Acceptance called Offer and all other documents which the Contractor submitted as Returnable Documents, as included in the Contract.
1.1.78	**Variation** Any change to the Works, Which is instructed as a variation under Clause 13(Variation and Adjustments)
Sub-Clause 1.2	**Sub-Clause 1.2 – Interpretation** In the Contract, except where the context requires otherwise: (a) words indicating one gender include all genders; and "he", "his" and "himself" shall be read as "he/she", "his/her" and "himself/herself" respectively; (b) words indicating the singular also include the plural and words indicating the plural also include the singular; (c) provisions including the word "agree" ', "agreed" or "agreement" require the agreement to be recorded in writing; (d)”written" or "in writing" means hand-written, type-written, printed or electronically made, and resulting in a permanent record;

Clause No	Description
	(e)"may" means that the Party or person referred to has the choice of whether to act or not in the matter referred to; (f)"shall" means that the Party or person referred to has an obligation under the Contract to perform the duty referred to; (g)"consent" means that the Employer or the Contractor (as the case may be agrees to, or gives permission for, the requested matter; (h)"including", "include" and "includes" shall be interpreted as not being limited to, or qualified by, the stated items that follow; words indicating persons or parties shall be interpreted as referring to natural and legal persons (including corporations and other legal entities); and "execute the Works" or "execution of the Works" means the design, construction and completion of the Works and the remedying of any defects. In any list in these Conditions, where the second-last item of the list is followed by "and" or "or" or "and/or" then all of the list items going before this item shall also be read as if they are followed by "and" or "or" or "and/ or" (as the case may be). The marginal words and other headings shall not be taken into consideration in the interpretation of these Conditions.
Sub-Clause 1.5	**Sub-Clause 1.5 - Priority of Documents** "The documents forming the Contract are to be taken as mutually explanatory of one another. For the purpose of interpretation, the priority of the documents shall be in accordance with the following sequence: (a) the Contract Agreement; (b) the Particular Conditions Part A - Contract Data; (c) the Particular Conditions Part B - Special Provisions; (d) these General Conditions; (e) the Employer's Requirements; (f) the Schedules; (g) the Tender; (h) the JV Undertaking (if the Contractor is a JV); and (i) any other documents forming part of the Contract If a Party finds an ambiguity or discrepancy in the documents, that Party shall promptly give a Notice to the other Party, describing the ambiguity or discrepancy. After giving or receiving such Notice, the Employer shall issue the necessary clarification or instruction
Sub-Clause 1.6	***Sub-Clause 1.6 – Contract Agreement*** The Contract shall come into full force and effect on the date stated in the Contract Agreement. The costs of stamp duties and similar charges (if any) imposed by law in connection with entry into the Contract Agreement shall be borne by the Employer. If the Contractor comprises a JV, the authorised representative of each member of the J shall sign the Contract Agreement
Sub-Clause 1.8	***Sub-Clause 1.8 – Care and Supply of Documents*** Each of the Contractor's Documents shall be in the custody and care of the Contractor, unless and until submitted to the Employer. The Contractor shall supply to the Employer one paper-original, one electronic copy (in the form as specified in the Employer's Requirements or, if not stated, a form acceptable to the Employer) and additional paper copies (if any) as stated in the Contract Data of each of the Contractor's Documents. The Contractor shall keep at all times, on the Site, a copy of:

Clause No	Description
	(a) the Contract; (b) the records under Sub-Clause 6.10 [Contractor's Records] and Sub-Clause 20.2.3[Contemporary records]; (c) the publications (if any) named in the Employer's Requirements; the Contractor's Documents; and (d) Variations, Notices and other communications given under the Contract. The Employer's Personnel shall have right of access to all these documents during all normal working hours, or as otherwise agreed with the Contractor. If a Party becomes aware of an error or defect whether of a technical nature or otherwise) in a document which was prepared by (or on behalf of the Contractor for use in the execution of the Works, the Party shall promptly give a Notice of such error or defect to the other Party. The Contractor shall then promptly rectify the error or defect at the Contractor's risk and cost.
Sub-Clause 1.11	***Sub-Clause 1.11 – Confidentiality*** The Contractor shall disclose all such confidential and other information as the Employer may reasonably require in order to verify the Contractor's compliance with the Contract. The Contractor shall treat all documents forming the Contract as confidential, except to the extent necessary to carry out the Contractor's obligations under the Contract. The Contractor shall not publish, permit to be published, or disclose any particulars of the Contract in any trade or technical paper or elsewhere without the Employer's prior consent. The Employer and the Employer's Personnel shall treat all information provided by the Contractor and marked "confidential", as confidential. The Employer and the Employer's Personnel shall not disclose or permit to be disclosed any such information to third parties, except as may be necessary when exercising the Employer's rights under Sub-Clause 15.2 [Termination for Contractor's Default. A Party's obligation of confidentiality under this Sub-Clause shall not apply where the information: (a) was already in that Party's possession without an obligation of confidentiality before receipt from the other Party; (b) becomes generally available to the public through no breach of these Conditions; or

Clause No	Description
	(c) is lawfully obtained by the Party from a third party which is not bound by an obligation of confidentiality.
Sub-Clause 2.3	**Employer's Personnel** ***(i)*** ***Delete*** "and the Employer's other Contractors" ***(ii)*** ***Add the following paragraph to this Sub-Clause 2.3:*** "The Employer shall ensure that the Employer's other Contractors (if any) on the Site are aware of the Principal Contractor's obligations in terms of Sub-Clauses 4.6and 4.8.
Sub-Clause 2.4	**Sub-Clause 2.4 – Employer's Financial Arrangements** ***Delete this Sub-Clause.***
Sub-Clause 3.1	**Sub-Clause 3.1 – Employers Representative's Duties And Authority** ***Add the following at the end of paragraph three:*** "The Employers Representative shall obtain the specific approval of the Employer for the execution of the following functions or duties: (a) The award of claims in respect of extensions of time Sub-Clause 8.5 (b) The issuing of Variation Orders, in terms of Sub-Clause 13.3. (c) The award of claims in respect of additional costs.
Sub-Clause 3.4	**Sub-Clause 3.4 – Instructions** The Employer may, through the Employer's Representative or an assistant as stated below, issue to the Contractor (at any time) instructions which may be necessary for the execution of the Works, all in accordance with the Contract. Each instruction shall state the obligation(s) to which it relates and the Sub-Clause (or other term of the Contract) in which the obligation(s) are specified. The Contractor shall only take instructions from the Employer's Representative or an assistant to whom the appropriate authority to give instruction has been delegated by a Notice given under Sub-Clause 3.2 [Other Employer's Personnel]. Subject to the following provisions of this Sub-Clause, the Contractor shall comply with the instructions given by the Employer's Representative or delegated assistant, on any matter related to the Contract. If an instruction states that it constitutes a Variation, Sub-Clause 13.3.1 [Variation by Instruction] shall apply. If not so stated, and the Contractor considers that the instruction: (a) constitutes a Variation (or involves work that is already part of an existing Variation); or (b) does not comply with applicable Laws or will reduce the safety of the Works or is technically impossible the Contractor shall immediately, and before commencing any work related to the instruction, give a Notice to the Employer with reasons. If the Employer does not respond within 7 days (or such other time as may be agreed between the Parties) after receiving

Clause No	Description
	this Notice, by giving a Notice confirming, reversing or varying the instruction, the Employer shall be deemed to have revoked the instruction. Otherwise the Contractor shall comply with and be bound by the terms of the Employer's response.
Sub-Clause 3.5	**Sub-Clause 3.5 – Agreement or Determinations** ***Delete the second paragraph and replace with:*** "The Employers Representative shall obtain the Employer's specific approval to give notice to both Parties of each agreement and determination, with supporting particulars. Each party shall give effect to each agreement and determination unless and until revised under Sub-Clause 21.1 [Claims, Disputes and Arbitration]"
Sub-Clause 4.2	**Sub-Clause 4.2 – Performance Security** ***Delete the first paragraph of Clause 4.2.1*** ***Replace paragraph three with the following:*** "The Contractor shall deliver the Performance Security to the Employer within 28 days of the date of issue of the Letter of Acceptance, with a copy to the Employers Representative. The Performance Security shall be issued by a Bank or Insurance Company registered or licensed to do business in the Republic of South Africa and having an Office or Banking Facility in the Republic of South Africa and shall be subject to approval by the Employer and shall be in the form prescribed in the project documents or in another form approved by the Employer." ***Add the following to the end of Sub-Clause 4.2:*** "The above shall apply in respect of portions of work carried out by SMME's, except that the Principal Contractor shall assume the role of Employer in respect of requiring a Performance Security from the respective SMME's. The conditions of reduction and return of the Performance Guarantee shall apply as detailed on Pro-Forma 1.3."
Sub-Clause 4.3	**Sub-Clause 4.3 Contractor's Representative** The contractor shall appoint the Contractor's representative and shall give him or her all authority necessary to act on the contractor's behalf under the contract except to replace the Contractor's Representative.

Sub-Clause 4.8	**Sub-Clause 4.8 – Health and Safety Obligations** ***Add the following to the end of Sub-Clause 4.8*:** The Contractor and his designer shall accept full responsibility and liability for compliance with the Occupational Health and Safety Act and Regulations (OHSA), (Act 85 of 1993) and the Construction Regulations, 2014, for the design of the Temporary Works (sub-clause 6,2 & 12,1) and those parts of the Permanent Works for which the Contractor is responsible to design." For the purposes of this contract, a "competent person" in terms of sub-clause 1 (a) of the Construction Regulations shall be a person who is registered as a PrEng, PrTech Eng or PrTechni Eng with the Engineering Council of South Africa and who has the relevant training and experience to be able to design the component part of the permanent or temporary works as applicable. For the purposes of this Contract, "Temporary Works" as defined in the Construction Regulations shall include the following component parts; 1. Hoarding and Barricading 2. Demolition Works (including blasting) 3. Securing excavations from the risk of collapse (shoring and other measures) 4. Permanent and temporary services relocations and bypasses (electrical supply) 5. Tie ins to existing electrical connection/ sleeves 6. Search for, expose, protect and backfill existing services 7. Testing of electrical installation The Contractor shall provide the following to the Employers Representative for retention by the Employer or his assignee in respect of all works designed by the Contractor: 1. A Certificate of Stability of the Works signed by a registered Professional Engineer/Technologist/Technician in the field of expertise appropriate to the nature of project element under consideration and confirming that all such works have been designed in terms of accordance with the appropriate codes of practice. 2. Design calculations should the Employer's Agent request a copy thereof. 3. Engineering drawings and workshop details (both signed by the relevant professional), in order to allow the Engineer to compare the design with the specified requirements and to record any comments he may have with respect thereto. 4. "As-Built" drawings in AutoCAD electronic format after completion of the Works.

Notwithstanding the list of temporary works envisaged on this project, the Contractor shall be responsible for the design of All Temporary Works (including any temporary works required by the SMMEs (under the SMME packages) or any sub-contractors).

Should the Contractor propose any design, supply and installation for any part of the permanent works, 1 to 4 above shall also apply

"(f)The Employer and the Contractor hereby agree, in terms of Section 37(2) of the Occupational Health and Safety Amendment Act,(OHSA) 1993 (Act 85 of 1993), hereinafter referred to as the Act, that the following arrangements and procedures shall apply between them to ensure compliance by the Contractor with the provisions of the Act:

(i) The "Principal" Contractor undertakes to acquaint the appropriate officials and employees of the Contractor with all relevant provisions of the Act and the Regulations promulgated in terms of the Act.

(ii) The Contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the Act and Regulations on the Contractor will be fully complied with.

(iii) The Contractor accepts sole liability for such due compliance with the relevant duties, obligations and prohibitions imposed by the Act and Regulations and expressly absolves the Employer from himself being obliged to comply with any of the aforesaid duties, obligations and prohibitions, with the exception of such duties, obligations and prohibitions expressly assigned to the Employer in terms of the Act and its associated Regulations.

(iv) The Contractor agrees that any duly authorised officials of the Employer shall be entitled, although not obliged, to take such steps as may be necessary to monitor that the Contractor has conformed to his undertakings as described in paragraphs (i) and (ii) above, which steps may include, but will not be limited to, the right to inspect any appropriate site or premises occupied by the Contractor, or any appropriate records or safety plans held by the Contractor.

(v) The Contractor shall be obliged to report forthwith to the Employer and Employers Representative any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the Act and Regulations, pursuant to work performed in terms of this Contract, and shall, on written demand, provide full details in writing, to the Employer and Employers Representative, of such investigation, complaint or criminal charge.

The Contractor shall furthermore, in compliance to the OHSA with Constructional Regulations 2014 to the Act:

(i) Acquaint himself with the requirements of the Employer's health and safety specification as laid down in regulation 5(1)(b) of the Construction Regulation 2014 and prepare a suitably and sufficiently documented health and safety plan as contemplated in regulation 7(1)(a) of the Construction Regulation 2014 for approval by the Employer or his assigned CDC SHE Project Manager (CDC SHE PM). The Contractor's health and safety plan and risk assessment shall be submitted to the Employer for approval within the time as stated in the Contract Data - Contract Data and shall be implemented and maintained from the Commencement of the Works.

Clause No	Description
	Sub-Clause 4.8 – Health and Safety Obligations (ii) The Employer, or his assigned CDC SHE PM, reserves the right to conduct periodic audits, as contemplated in the Construction Regulations 2014, to ensure that the Contractor is compliant in respect of his obligations. Failure by the Contractor to comply with the requirements of these Regulations shall entitle the Employers Representative, at the request of the Employer or CDC SHE PM, to suspend all or any part of the Works, with no recourse whatsoever by the Contractor for any damages incurred as a result of such suspension, until such time that the Employer or CDC SHE PM are satisfied that the issues in which the Contractor has been in default have been rectified."
Sub-Clause 4.15	**Sub-Clause 4.15– Access Route** ***Add the following after the last paragraph****:* "The Contractor shall be re-imbursed for the cost of maintenance only to the extent as specified in the Specifications".
Sub-Clause 4.18	**Sub-Clause 4.18 – Protection of the Environment** ***In the second paragraph delete the full stop and add*** "and shall ensure compliance with all the environmental requirements indicated in the Environmental Specifications contained in the Scope of Works and relevant Annexures to the Contract. Environmental method statements shall be submitted to the Employers Representative for approval within 14 days of the Letter of Acceptance by the Contractor as specified in the Specifications. The Contractor will not be permitted to commence construction works until such time that these method statements have been submitted and approved by the Employers Representative".
Sub-Clause 5.2	**Sub-Clause 5.2 – Contractor's Documents** ***Add the following to the first sentence of the third paragraph:*** The Employers Representative to submit the Contractors Documents and Notice for review by the Employer before the Employers Representative may give consent and/or approval to any document, claim or instruction as required by the Employers Representative.
Sub-Clause 5.4	**Sub-Clause 5.4 – Technical Standards and Regulations** ***Add the following after the second paragraph:*** The Contractors Documents, technical Standards, Specifications and designs to fully comply with local production and specified minimum local content for the designated sectors as determined by the dtic under the Preferential Procurement Policy Framework Act (PPPFA). This will be applicable to the Design Build and Operating Service Period.
Sub-Clause 6.1	**Sub-Clause 6.1 – Engagement of Staff and Labour** ***Add the following new paragraph:*** "The Principal Contractor shall engage all "non-core" labour from the Coega Development Corporation database of labour and via the Labour Management Services Processes as contained in the contract tender documentation."

Clause No	Description
Sub- Clause 6.2	**Sub-Clause 6.2 – Rates of Wages and Conditions of Labour** ***Delete this clause and replace with the following:*** The CDC Zone Rules and Labour Management Protocols to be applied to all works within the Coega SEZ.
Sub-Clause 6.5	**Sub-Clause 6.5 – Working Hours** ***Delete the first sentence and replace with the following****:* "For the Design Build no work shall be carried out on site on Sundays or on any special non-working day stated in the Contract Data or between sunset and sunrise on any day".
Sub-Clause 6.7	**Sub-Clause 6.7 – Health and Safety of Personnel** ***Delete the first paragraph and replace with following:*** "The Contractor shall provide and maintain on the site adequate and suitable sanitary and first aid services (including the provision of access at all times of a person qualified to render medical first aid) and a supply of potable water for his personnel engaged on the Contract and, if necessary, similar facilities elsewhere for such personnel off the site." ***Add the following new paragraph****:* "The Contractor shall comply with the inspections and requirements of the Employer's Safety Health and Environment (SHE) Officer on the Site."
Sub-Clause 6.11	**Sub-Clause 6.11 – Disorderly Conduct** ***Delete the full stop and add the following****:* "and shall indemnify and hold the Employer and Employers Representative harmless against and from all damage, losses and expenses (including legal fees and expenses) resulting from any unlawful, riotous or disorderly conduct by or amongst the Contractor's Personnel".
Sub-Clause 8.1	**Sub-Clause 8.1 – Commencement of Work** (i) ***Replace paragraph one with*** "The Commencement of Works shall be the lesser of 28 days after the receipt by the Employer of the Contractor's health and safety plan and environmental method statements, or 42 days after the date of delivery of the Letter of Acceptance."

Clause No	Description
Sub-Clause 8.3	**Sub-Clause 8.3 – Programme** ***Add the following after Sub-Clause 8.3(k) (v):*** "(l) A baseline or target bar representing the initial agreed construction programme. The baseline will be frozen for the duration of the construction period, subject to agreed amendments, and will indicate the contractual completion date. (m) A current bar equivalent to the baseline upon commencement, but which will be subject to adjustment due to progress and other factors. (n) All milestone activities for all major events in the programme, including dependencies on factors external to the project, or which are to be arranged by the Employers Representative or Employer. (o) All linkages between activities, to fairly represent the logic of construction. Start dates of activities should be determined by preceding activities as far as possible. Where start dates are determined by factors external to the project these are to be shown as milestones with imposed start dates and the source and reasons are to be documented. (p) Resourcing of major activities and equipment, where resourcing is critical to the duration. (q) A logical and reasonable Work Breakdown Structure for the grouping of activities. (r) The critical path of the programme. The critical path must be demonstrable in terms of good planning practice, and is not to be manipulated by constraints imposed on activities. (s) An earned value table and graph, derived from the programme, representing the projected value of work to be completed in each payment period". (t) Production rates for all items. Any other information as specified in the document to be provided by the Contractor."

Clause No	Description
Sub-Clause 8.5	**Sub-Clause 8.5 – Extension of Time for Completion** ***Add the following to Sub-Clause8.5 at the end of the last paragraph:*** "The Time for Completion shall include for delays which can be expected due to normal weather conditions (wind and rainfall) at the site of the Works for the duration of the Contract. To provide for these normal weather conditions the allowance to be made by the Contractor in his programme for actual and consequential weather delays is ten (10) calendar days. If the Contractor has been prevented by these weather conditions from working on the critical path items of the Works, he shall notify the Employers Representative in writing. The submission shall be made within two calendar days of the resumption of work. The Employers Representative shall upon considering all the relevant factors determine the extension of time to be granted on the basis that an extension of time to the Contract will only be granted if the total number of days (over the full contract period) upon which work on the critical path items was prevented, exceeds the total number of days calculated in terms of the above allowance and considering the Time for Completion of the Works. Delays over and above these allowed for (the allowance being the sum of the days allowed for over the Time for Completion of the phase in question), whether actual or consequential due to such abnormal weather which may occur, will not automatically entitle the Contractor to an extension of time for the completion of the affected phase/s. Only under justifiable circumstances will such extension of time be granted. Such extension will be granted at the discretion of the Employers Representative who shall obtain the approval of the Employer. Application for such extension of time shall be made in writing by the Contractor to the Employers Representative. The application shall set out in detail the particulars of such delays".
Sub-Clause 8.8	**Sub-Clause 8.8 – Delay Damages** If the Contractor fails to comply with Sub-Clause 8.2 [Time for Completion], the Employer shall be entitled subject to Sub-Clause 20.2 [Claims For Payment and/or EOT] to payment of Delay Damages by the Contractor for this default. Delay Damages shall be the amount stated in the Contract Data, which shall be paid for every day which shall elapse between the relevant Time for Completion and the relevant Date of Completion of the Works or Section. The total amount due under this Sub-Clause shall not exceed the maximum amount of Delay Damages (if any) stated in the Contract Data. These Delay Damages shall be the only damages due from the Contractor for the Contractor's failure to comply with Sub-Clause 8.2 [Time for Completion], other than in the event of termination under Sub-Clause 15.2 [Termination for Contractor's Default] before completion of the Works. These Delay Damages shall not relieve the Contractor from the obligation to complete the Works, or from any other duties, obligations or responsibilities which the Contractor may have under or in connection with the Contract.

Clause No	Description
	This Sub-Clause shall not limit the Contractor's liability for Delay Damages in any case of fraud, gross negligence, deliberate default or reckless misconduct by the Contractor.
Sub-Clause 13.1	**Sub-Clause 13.1 – Right to Vary** Variations may be initiated by the Employer under Sub-Clause 13.3 [Variation Procedure] at any time before the issue of the Taking-Over Certificate for the Works. Other than as stated under Sub-Clause 11.4 [Failure to Remedy Defects], a Variation shall not comprise the omission of any work which is to be carried out by the Employer or by others unless otherwise agreed by the Parties. The Contractor shall be bound by each Variation instructed under Sub-Clause 13.3.1 [Variation by Instruction], and shall execute the Variation with due expedition and without delay, unless the Contractor promptly gives a Notice to the Employer stating (with detailed supporting particulars) that: (a) the varied work was Unforeseeable having regard to the scope and nature of the Works described in the Employer's Requirements; (b) the Contractor cannot readily obtain the Goods required for the Variation; (c) it will be applicable to unforeseen circumstances, not non-compliances by the Contractor (d) it will have an adverse impact on the achievement of the Schedule of Performance Guarantees; or (e) it may adversely affect the Contractor's obligation to complete the Works so that they shall be fit for the purposes) for which they are intended under Sub-Clause 4.1 [Contractor's General Obligations]. Promptly after receiving this Notice, the Employer shall respond by giving a Notice to the Contractor cancelling, confirming or varying the instruction. Any instruction so confirmed or varied shall be taken as an instruction under Sub-Clause 13.3.1 [Variation by instruction].
Sub-Clause 13.3	**Sub-Clause 13.3 – Variation Procedure**

Clause No	Description
	Variation shall be initiated by the Employer in accordance with Sub Clause 13.3.1 and Sub Clause 13.3.2
Sub-Clause 13.7	**Sub-Clause 13.7 – Adjustment for Change in Cost** ***Delete this Sub-Clause and replace with the following:*** "The value of certificates issued in terms of Sub-Clause 14.6 (excluding the value of those special materials specified in the Forms to be Completed by Tenderers) shall be increased or decreased by applying a "Contract Price Adjustment Factor" calculated according to the formula and the conditions set out in the Contract Price Adjustment Schedule appended to these Particular Conditions (Part B). Price adjustments for variations in the costs of special materials specified in the Contract Data shall be in the manner set out in the Contract Price Adjustment Schedule".
Sub-Clause 14.2	**Sub-Clause 14.2 – Advance Payment** ***Delete this sub-clause and replace with the following:*** No Advance Payments nor Advance Payment Guarantees will be permitted.
Sub-Clause 14.3	**Sub-Clause 14.3 – Application for Interim Payment Certificates** The Contractor shall submit a Statement to the Employer after the end of the period of payment stated in the Contract Data (if not stated, after the end of each month). Each Statement shall: (a) be in a form acceptable to the Employer; (b) be submitted in one paper-original, one electronic copy and additional paper copies (if any) as stated in the Contract Data; and (c) show in detail the amounts to which the Contractor considers that the Contractor is entitled, with supporting documents which shall include sufficient detail for the Employer to investigate these amounts together with the relevant report on progress in accordance with Sub-Clause 4.20 [Progress Reports]. The Statement shall include the following items, as applicable, which shall be expressed in the various currencies in which the Contract Price is payable, in the sequence listed: (i) the estimated contract value of the Works executed, and the Contractor's Documents produced, up to the end of the period of payment (including Variations but excluding items described in sub-paragraphs il) to (x) below); (ii) any amounts to be added and/or deducted for changes in Laws under Sub-Clause 13.6 (Adjustments for Changes in Laws], and for changes in Cost under Sub-Clause 13.7 Adjustments for Changes in Cost);

Clause No	Description
	(iii) any amount to be deducted for retention, calculated by applying the percentage of retention stated in the Contract Data to the total of the amounts under sub-paragraphs (i), (il) and (vi) of this Sub-Clause, until the amount so retained by the Employer reaches the limit of Retention Money (if any) stated in the Contract Data; (iv) any amounts to be added and/or deducted for the advance payment and repayments under Sub-Clause 14.2 [Advance Payment); (v) any amounts to be added and/or deducted for Plant and Materials under Sub-Clause 14.5 [Plant and Materials intended for the Works]; (vi) any other additions and/or deductions which have become due under the Contract or otherwise, including those under Sub-Clause 3.5 Agreement or Determination]; (vii) any amounts to be added for Provisional Sums under Sub-Clause 13.4 [Provisional Sums]; (viii) Any amount to be added for release of Retention Money under Sub-Clause 14.9 [Release of Retention Money] (ix) Any amount to be deducted for the Contractor's use of utilities provided by the Employer under Sub-Clause 4.19[Temporary Utilities]; and (x) The deduction of amount previously paid by the Employer under Sub-Clause 14.7[Payment]
Sub-Clause 14.7	**Sub-Clause 14.7– Payment** ***Delete paragraphs (a), (b), (c) and the final paragraph and replace with:*** "(a) the amount certified in each interim Payment Certificate within 56 days from the date the Employers Representative certifies the Statement and supporting documents; and (b) The amount certified in the Final Payment Certificate within 56 days after the Employer receives this Payment Certificate."
Sub-Clause 14.8	**Sub-Clause 14.8 – Delayed Payment** ***Delete the second paragraph and replace with:*** "These financing charges shall be at the rate as prescribed in terms of the Prescribed Rate of Interest Act No 55 of 1975."
Sub-Clause 14.11	**Sub-Clause 14.11 – Final Statement** ***Change*** "56 days" ***to*** "30 days"
Sub- Clause 15.2	**Sub-Clause 15.2 – Termination for Contractor's Default** Termination of the Contract under this Clause shall not prejudice any other rights of the Employer under the Contract or otherwise

Clause No	Description
Sub-Clause 18.1	**Sub-Clause 18.1 – Exceptional Event** ***Under (c), add the following:*** "unless these risks are insurable with the South African Special Risk Insurance Association at the time of tendering and it is stipulated in the Contract Data that the Contractor is to effect insurance against these risks".
Sub-Clause 20.1	**Sub-Clause 20.1 – Claims** A Claim may arise: (a) if the Employer considers that the Employer is entitled to any additional payment from the Contractor (or reduction in the Contract Price) and/ or to an extension of the DNP; (b) if the Contractor considers that the Contractor is entitled to any additional payment from the Employer and/or to EOT; or (c) if either Party considers that he/she is entitled to another entitlement or relief against the other Party. Such other entitlement or relief may be of any kind whatsoever including in connection with any certificate, determination, instruction, Notice, opinion or valuation of the Employer) except to the extent that it involves any entitlement referred to in sub-paragraphs (a) and/or (b) above. In the case of a Claim under sub-paragraph (a) or (b) above, Sub-Clause 20.2 [Claims For Payment and/or EOT] shall apply. In the case of a Claim under sub-paragraph (c) above, where the other Party has disagreed with the requested entitlement or relief (or is deemed to have disagreed if he/she does not respond within a reasonable time), a Dispute shall not be deemed to have arisen but the claiming Party may, by giving a Notice refer the Claim to the Employer's Representative and Sub-Clause 3.5 Agreement or Determination] shall apply. This Notice shall be given as soon as practicable after the claiming Party becomes aware of the disagreement (or deemed disagreement) and shall include details of the claiming Party's case and the other Party's disagreement (or deemed disagreement).
Sub-Clause 21. 1	**Sub-Clause 21.1- Constitution of the DAAB** Disputes shall be decided by a DAAB in accordance with Sub-Clause 21.4 [Obtaining DAAB's Decision]. The Parties shall jointly appoint the member(s) of the DAAB within the time stated in the Contract Data (if not stated, 28 days) after the date that both Parties have signed the Contract Agreement.

Clause No	Description
	The DAAB shall comprise, as stated in the Contract Data, either one suitably qualified member (the "sole member") or three suitably qualified members (the "members"). If the number is not so stated, and the Parties do not agree otherwise, the DAAB shall comprise three members. The sole member or three members (as the case may be) shall be selected from those named in the list in the Contract Data, other than anyone who is unable or unwilling to accept appointment to the DAAB. If the DAAB is to comprise three members, each Party shall select one member for the agreement of the other Party. The Parties shall consult both these members and shall agree the third member, who shall be appointed to act as chairperson. The DAAB shall be deemed to be constituted on the date that the Parties and the sole member or the three members (as the case may be) of the DAAB have all signed a DAAB Agreement. The terms of the remuneration of either the sole member or each of the three members, including the remuneration of any expert whom the DAAB consults, shall be mutually agreed by the Parties when agreeing the terms of the DAAB Agreement. Each Party shall be responsible for paying one-half of this remuneration. If at any time the Parties so agree, they may appoint a suitably qualified person or persons to replace any one or more members of the DAAB Unless the Parties agree otherwise, a replacement DAAB member shall be appointed if a member declines to act or is unable to act as a result of death, illness, disability, resignation or termination of appointment. The replacement member shall be appointed in the same manner as the replaced member was required to have been selected or agreed, as described in this Sub-Clause. The appointment of any member may be terminated by mutual agreement of both Parties, but not by the Employer or the Contractor acting alone. Unless otherwise agreed by both Parties, the term of the DAAB (including the appointment of each member) shall expire either: (a) on the date the discharge shall have become, or deemed to have become, effective under Sub-Clause 14.12 (Discharge); or (b) 28 days after the DAAB has given its decision on all Disputes, referred to it under Sub-Clause 21.4 [Obtaining DAAB's Decision] before such discharge has become effective,

Clause No	Description
	whichever is later. However, if the Contract is terminated under any Sub-Clause of these Conditions or otherwise, the term of the DAAB (including the appointment of each member) shall expire 28 days after: (i) the DAAB has given its decision on all Disputes, which were referred to it (under Sub-Clause 21.4 [Obtaining DAAB's Decision]) within 224 days after the date of termination: or (ii) the date that the Parties reach a final agreement on all matters (including payment) in connection with the termination whichever is earlier.

C1.4 ANNEXURE I

FORM K : PROTECTION OF PERSONAL INFORMATION: CONSENT

ANNEXURE I

FORM K: PROTECTION OF PERSONAL INFORMATION: CONSENT

The introduction of The Protection of Personal Information Act (POPIA) ensures the regulation of personal information through its entire life cycle of collection, transfer, storing and deletion.

As part of its business activities, the Coega Development Corporation (CDC) obtains and requires access to personal data from a wide range of internal and external parties, including without limitation Tenderers who respond to requests for proposals that are published by the CDC from time to time. The CDC confirms that it shall process the information disclosed by Tenderers for the purpose of evaluating and subsequently awarding/appointing a successful Tenderer.

In order to comply with procurement principles, set out in Section 217 of the Constitution and national procurement legislative prescripts, the names of all entities that submitted a bid, the Tendererd price thereof and the subsequent award will be made public.

The CDC hereby states that it does not and will never modify, amend, or alter any personal information submitted to it by a Tenderer. Unless directed to do so by an order of court, the CDC does not disclose or permit the disclosure of any personal information to any Third Party without the prior written consent of the owner of the information.

Similarly, Tenderers will from time-to-time access and will be seized with information of a personal nature pertaining to the CDC. Some of the information may, because of legislative compliances be available in the public domain, whilst some is uniquely provided to Tenderers in pursuit of procurement or other business-related activities. In this regard, the CDC requires that Tenderers which receive or have access to its personal information, process any such information in a manner compliant with the requirements of the POPIA.

AGREEMENT

1. The CDC and the Tenderer (the Parties) agree and undertake that upon obtaining and having access to personal information relating to either of them, they shall always ensure that:

    a) They process the information only for the express purpose for which it was obtained.
    b) Information is provided only to designated and authorized personnel who require the personal information to carry out the Parties' respective obligations in terms of the Procurement processes.
    c) They will introduce, and implement all reasonable measures ensure the protection of all personal information from unauthorized access and/or use.

d) They have taken appropriate measures to safeguard the security, integrity, and authenticity of all personal information in its possession or under its control.

e) The Parties agree that if personal information will be processed for any other purpose other than the one for which the accessing of the information was intended, explicit written consent will be obtained prior to the execution of such reason.

f) The Parties shall carry out regular assessments to identify all reasonably foreseeable internal and external risks to the interception of personal information in its possession or under its control and shall implement and maintain appropriate controls in mitigation of such risks.

2. The Parties agree that they will promptly return or destroy any personal data in their possession or control which belongs to the other Party once it no longer serves the purpose for which it was collected, subject to any legal retention requirements. The information will be destroyed in such a manner that it cannot be reconstructed to its original form, linking it to any individual or organization.

3. Tenderer's Obligations:

a) The Tenderer is required to notify the Information Officer of CDC, in writing as soon as possible after it becomes aware of or suspects any loss, unauthorized access or unlawful use of any of the CDC's personal information.

b) The Tenderer shall, at its own cost, promptly and without delay take all necessary steps to mitigate the extent of the loss or compromise of personal data.

c) The Tenderer shall be required to provide the CDC with details of the persons affected by the compromise and the nature and extent of the compromise, including details of the identity (if known) of the unauthorized person who may have accessed or acquired the personal data.

d) The Tenderer undertakes to co-operate with any investigation relating to security breach which is carried out by or on behalf of CDC.

On behalf of the Tenderer:

…….. ……

Signature Date

…… ……

Position Name of the Tenderer

On behalf of the Client:

……..	……
Signature	Date
……	……
Position	Name of Client Representative

C1.5 ANNEXURE J

SWORN AFFIDAVIT – B-BBEE EXEMPTED MICRO ENTERPRISE

ANNEXURE J

B-BBEE EXEMPTED AFFIDAVIT FOR EXEMPTED MICRO ENTERPRISES
(ISSUED IN TERMS OF THE AMENDED CONSTRUCTION SECTOR CODE)
(Gazette Vol. 630 No. 41287)
Issued in terms of paragraph 3.6.2.4.1 (B)

I, the undersigned,

Full names and surname	
Identity number	

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a Member / Director / Owner of the following enterprise and am duly authorized to act on its behalf:

Enterprise Name:			
Trading Name (If Applicable):			
Registration Number:			
Physical Address:			
Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):			
Nature of Construction Business: *Indicate the applicable category with a tick.*	**BEP** (Built Environment Professional)	**Contractor**	**Supplier**
Definition of "Black People"	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians – who are citizens of the Republic of South Africa by birth or descent; or who became citizens of the Republic of South Africa by naturalization before 27 April 1994; or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;"		
Definition of "Black Designated Groups"	"Black Designated Groups" means: (a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution; (b) Black people who are youth as defined in the National Youth Commission Act of 1996; (c) Black people who are persons with disabilities as defined in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act; (d) Black people living in rural and under developed areas; (e) Black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011;"		

3) I hereby declare under Oath that as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,

- The Enterprise is_____% Black Owned
- The Enterprise is_____% Black Female Owned
- The Enterprise is_____% Owned by Black Designated Group (provide Black Designated Group Breakdown below as per the definition in the table above)

  - Black Youth % _____%
  - Black Disabled % _____%
  - Black Unemployed % _____%
  - Black People living in Rural areas % _____%
  - Black Military Veterans % _____%

Construction Sector Affidavit

- Based on the Financial Statements/Management Accounts and other information available on the latest financial year-end of _____, **(dd/mm/yyyy)** the annual Total Revenue was less than the applicable amount confirmed **by ticking theapplicable box below.**

BEP	R1.8 million	
Contractor	R3.0 million	
Supplier	R3.0 million	

If the turnover exceeds the applicable amount in the table above then this affidavit is no longer applicable and an EME certificate must be obtained from a rating agency accredited by SANAS or when applicable a B-BBEE Verification Professional Regulator appointed by the Minister of Trade and Industry.

- Please Confirm on the below table the B-BBEE Level Contributor, **by ticking the applicable box below.**

100% Black Owned	**Level One** (135% B-BBEE procurement recognition level)	
At least 51% Black Owned	**Level Two** (125% B-BBEE procurement recognition level)	
At least 30% Black Owned	**Level Four** (100% B-BBEE procurement recognition level)	
Less than 30% Black Owned	**Level Five** (80% B-BBEE procurement recognition level)	

3. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the Owners of the Enterprise which I represent in this matter.

4. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.

Deponent Signature: _____

Date: _____

_____

Commissioner of Oaths
Signature & stamp

C1.6 ANNEXURE K

PROPOSED KEY PERSONNEL

ANNEXURE K

PROPOSED KEY PERSONNEL

The Tenderer shall list below the key personnel, whom he proposes to employ on the contract should his offer be accepted, on the Site, to direct and for the execution of the work, together with their qualifications, experience, positions held and their nationalities. **The nominated person should give consent by signing on the provided space. A wireman's license, a curriculum vitae and proof of qualification** of key personnel must be attached to this Bid Document. (also see Section B of Annexure M: "Specification" for details). A key person may not be nominated for two (2) or more competing Tenderers as this constitutes a Conflict of Interest in terms of the Companies Act.

DESIGNATION	NAME AND NATIONALITY OF NOMINEE	SUMMARY OF QUALIFICATIONS	EXPERIENCE AND PRESENT OCCUPATION	CONSENT SIGNATURE OF NOMINEE
Electrician				

Note: Attach a wireman's license and a curriculum vitae of the key personnel.

C1.7 ANNEXURE L

SCHEDULE OF CURRENT CONTRACTS

ANNEXURE L

SCHEDULE OF WORK - CURRENT & COMPLETED CONTRACTS

The Tenderer shall submit as Company Experience, a schedule listing the company experience on similar current appointments and completed solar system installation projects, including the description and value of each project as listed below. **Three (3) reference letters** and **a company profile** should also be attached to this bid. (also see Section B of Annexure M: "Specification" for details).

EMPLOYER (Name, Telephone and Email)	**PROJECT DESCRIPTION**	**VALUE OF WORK**	**CONTRACT DURATION**	***AWARD DATE***	***COMPLETION DATE***
1.					
2.					
3.					

C2.1 ANNEXURE M

EMPLOYERS REQUIREMENTS / SPECIFICATIONS

COEGA
DEVELOPMENT CORPORATION

Specification:

Cape Town Various: Official Residences of the Presiding and Members of the Executive: Installation of Back-up Power: Purchase and Installation of Generators and or any possible Back-up: WCS 054 365

SEPTEMBER 2025

DOCUMENT INFORMATION SHEET

Title of Report	:	*Specification for the Cape Town Various - Purchase and Installation of Generators for Official Residences of Members of the Executive*
Report Number	:	*Revision 3*
Prepared by	:	*Xolisa Ncoyo*
Reviewed by	:	*Liwalethu Mondi*
Business Unit	:	*Central Technical Support Unit (CTSU)*
Prepared for	:	*CDC*
Date of Issue	:	*September 2025*

SPECIFICATION FOR THE CAPE TOWN VARIOUS - PURCHASE AND INSTALLATION OF GENERATORS FOR OFFICIAL RESIDENCES OF MEMBERS OF THE EXECUTIVE

CONTENTS

PART 1

DIESEL GENERATOR SPECIFICATIONS

PART 1.1

GENERAL SPECIFICATIONS

SPECIFICATION FOR THE CAPE TOWN VARIOUS - PURCHASE AND INSTALLATION OF GENERATORS FOR OFFICIAL RESIDENCES OF MEMBERS OF THE EXECUTIVE

PART 1.1 - GENERAL SPECIFICATIONS

CONTENTS

SPECIFICATION FOR THE CAPE TOWN VARIOUS - PURCHASE AND INSTALLATION OF GENERATORS FOR OFFICIAL RESIDENCES OF MEMBERS OF THE EXECUTIVE

PART 1.1 - GENERAL SPECIFICATIONS

1. INTENT OF DOCUMENT

The specification is intended to cover the complete installation of the generator plant. The minimum equipment requirements are outlined, but do not cover all the details of design and construction. Such details are recognised as being the exclusive responsibility of the contractor.

In all cases where a device or part of the equipment is referred to in the singular, it is intended that such reference shall apply to as many devices as are required to complete the installation.

2. DEFINITIONS OF TERMS

The following terms in the text of this Specifications, are explained as follows, unless otherwise defined:

As Specified	Means as specified in the Specification, RFQ or in the drawings or in the scope of work.
Tenderer	Means a person or entity responding to the invitation to tender issued by the Employer.
CDC	Means Coega Development Corporation
Client	Means Coega Development Corporation
Comply	Means that which meet the specified standards.
Contract	Means the contract for the “Cape Town Various - Purchase and Installation of Generators for Official Residences of Members of the Executive ”.
Contractor	Means the person, partnership, company or firm appointed for the Contract as defined.
DPWI	Means the Department of Public Works and Infrastructure
Engineer	Means the qualified and registered professional electrical engineer who is employed by the Tenderer.
Employer	Means Coega Development Corporation.
Service Provider	Means a company that provides a service on a specific field.

Suitable	Means capable of fulfilling or having fulfilled the intended function or fit for its intended purpose.
Supply Authority	Means any electrical local utility company, institution or body responsible for delivery of electrical power, such as Eskom or Local Municipality; also known as "Local Supply Authority"

3. STANDARDS AND CODES

All standards referenced shall be the latest editions.

SANS 10142-1	the wiring of premises: Low Voltage Installations
Reciprocating internal combustion engine driven alternating current generating sets.	
SANS 60034	Rotating electrical Machines
SANS IEC 60947	Low Voltage Switchgear
OHSACT	Occupational Health and Safety Act.
Department of Public Works Quality Specification Parts A, B and C.	
Local municipality by-laws for generator installations. (To be obtained from local municipality)	

4. COMPLIANCE WITH REGULATIONS

The installation shall be erected and tested in accordance with the following Acts and regulations:

a) The Occupational Health and Safety Act, 1993 (Act 85 of 1993) as amended,
b) The Local Government Ordinance 1939 (Ordinance 17 of 1939) as amended and the municipal by-laws and any special requirements of the local supply authority,
c) The Fire Brigade services Act 1987 (Act 99 of 1987) as amended,
d) The National Building Regulations and Building Standards Act 1977 (Act 103 of 1977) as emended,
e) The Electricity Act 1984 (Act 41 of 1984) as amended.
f) The environmental Act and regulations

5. SCOPE OF WORK

The scope for each installation is presented under **PART 1.3 "PARTICULAR SPECIFICATIONS"**

6. CO-ORDINATION

The contractor shall be responsible for all works, including civil works. He/she shall be expected to clean-up and make good the entire installation, including all trenches, wall chases and LV room.

7. TESTING AND COMMISSIONING

The following tests are to be carried out:

a. After completion of the works and before handover, a full test will be carried out on the installation for a period of sufficient duration to determine the satisfactory working thereof. During this period the installation will be inspected, and the contractor shall make good, to the satisfaction of the Client, any defects which may arise.
b. The Contractor shall provide all instruments and equipment required for testing and any water, power and fuel required for the commissioning and testing of the installation at completion.
c. Test reports of tests specified under (a) are to be submitted to the Client.
d. The Contractor shall test the installation and provide a certificate of compliance as per SANS 10142.

8. NOTICES

WARNING NOTICE:

Notices, in English, must be installed on the outside of the steel enclosure.

The Contractor shall provide and install in a conspicuous position on the generator canopy a clearly legible and permanent notice 450 x 450mm made of a non-corrodible and non-deteriorating material, preferable plastic, with red letters on a white background worded to read as follows:

DANGER
THIS ENGINE WILL START WITHOUT NOTICE. TURN STATUS SELECTOR SWITCH ON CONTROL PANEL TO "OFF" POSITION BEFORE WORKING ON THE PLANT.

9. GUARANTEE AND MAINTENANCE

(a) General

After works completion of the installation have been achieved, there will follow a 12-month free maintenance period.

During this period the generator contractor shall maintain the generator installation as per the requirements of the Occupational Health and Safety Act. This maintenance shall include systematic examinations, adjustments and lubrication of all generator equipment. Electrical and mechanical

parts shall be repaired or replaced whenever it is required to maintain optimum performance without additional cost to the Department, unless the condition was caused by misuse or vandalism of the generator equipment or natural hazards/force majeure.

The work under this section shall be performed by competent, qualified accredited personnel under the supervision and in the direct employment of the Generator Contractor and shall not be transferred to any non-affiliated agent. Contract maintenance and repair work shall be done during normal working hours and shall further provide emergency call-back service twenty-four (24) hours a day, seven (7) days a week.

(b) Making Good

When called upon by the client the Contractor shall make good on site and shall bear all expense incidental thereto including making good of work by others, arising out of removal or reinstallation of equipment. All work arising from the implementation of the guarantee or maintenance of equipment shall be carried out at times which will not result in any undue inconvenience to users of the equipment or occupants of premises.

If any defects are not remedied within a reasonable time the client may proceed to do the work at the Contractor's risk and expense, but without prejudice to any other rights which the client may have against the Contractor.

(c) Latent defects and failures to comply with specification

The client reserves the right to demand the replacement or making good by the Contractor at his own expense of any part of the Contract which is shown to have any latent defects or not to have complied with the Specification, notwithstanding that such work has been taken over or that the guarantee period has expired.

(d) Qualification by Tenderer

Should any specified materials or equipment in the Tenderer's opinion be of inferior quality, or be unsuitably employed, rated or loaded, the Tenderer shall prior to the submission of his tender advise the Client accordingly. His failure to do so shall mean that he guarantees the work including all materials and equipment as specified.

(e) Maintenance

At quarterly intervals during the guarantee period of twelve months the Contractor shall adjust and maintain the standby plant and its ancillary equipment in proper working order. As a minimum

requirement he shall:

i. Check and top-up if necessary, the fluid levels in the radiator, engine sump, fuel oil tank and batteries.
ii. Grease and oil moving parts, where necessary and check the air filter and, when necessary, clean the filter and replace filter oil.
iii. Check when necessary and adjust the valve settings and the fuel injection equipment.
iv. Test run the standby plant and ancillary equipment for a period of 15 minutes.
v. Wipe down the standby plant and its ancillary equipment and report on any evidence of any fluid leaks or other defects.
vi. Fill in the standby plant logbook

The cost of such inspections, maintenance, adjustments, repairs, etc., shall be included in the tender price, but the cost of renewing any part which may become worn through fair wear and tear, or damaged beyond the control of the Contractor (provided this is not due to unsuitable design) shall be excluded.

If during the guarantee and maintenance period the standby plant is not in working order, or not working satisfactory owning to faulty material, design or workmanship, the Contractor will be notified and immediate steps within twenty-four hours (24) shall be taken by him/her to rectify the defects and/or replace the affected parts on site at his own expense. Should the standby plant defects be so frequent as to become objectionable or should the equipment otherwise prove unsatisfactory during the guarantee period of twelve months (12), the contractor shall, if called upon by the client, at his own expense replace the whole or such parts thereof as the client may deem necessary with the equipment to be specified by the client.

10. OPERATING AND MAINTENANCE MANUALS, ETC.

The Contractor shall supply three (3) complete comprehensive sets of operating and maintenance manuals complete with schematic control diagrams and complete spare parts list for both engine and generator.

The above manuals are to be handed to the authorised representative on completion of the installation.

The Contractor shall provide a schedule containing particulars and part numbers of all major components of the control circuitry to facilitate ordering of spares.

Tenderers must give with their tender an assurance that spare parts for the plant offered by them as a whole are readily available within the Republic of South Africa and to state where these are available.

NOTE: Under no circumstances will first delivery be taken of the plant unless these requirements have been completed.

11. TRAINING OF CLIENT PERSONNEL

The Contractor shall undertake to train the Employer's operating and maintenance staff to be fully competent in the operation, maintenance and fault finding, replacement and repair of the equipment.

Before or on completion of the installation, when the system is in running order, the Contractor shall instruct operators in the operation of the system until they are fully conversant with the equipment and the handling thereof.

The operators training course must contain at least the functions, facilities and operation of the system on the different levels and shall include:

(1) Description of the system.

(2) Written operating instructions and procedures for all levels of control personnel,

The maintenance training course has to contain all normal maintenance procedures and repairs to be done for everyday problems with the system.

All material included in the courses, shall be included in the operating and maintenance manuals.

The Contractor shall supply the Engineer with a proposed training course, one week prior to the commissioning of the system.

12. NOTES ON PRICING

(a) All prices to be quoted in RSA currency ZAR only.

(b) Prices must include all labour, travelling cost and cleaning material.

(c) Prices must allow for escalations in cost over the contract period. No escalation will be considered in this contract.

(d) Note that any other item not listed in the BOQ will be procured at market related prices based on three (3) quotations and/or cost plus 10% contractor profit.

(e) Refer to the pricing schedule in the RFP document.

13. LABELS

a. All labels shall be engraved on red-white-red laminated plastic shall be secured to the boards by means of screws.

b. Prominent engrave red lettering on white background reading the following shall be fitted to the distribution boards listed below.

"SUPPLY BACKED UP BY STANDBY GENERATOR"

Distribution boards:

i) Main Distribution board.

ii) All sub distribution boards

c. All labels shall be secured to the faceplates of boards by means of screws.

14. PROGRAM

The contract is to be executed in the shortest period possible as specified in the contract data. The Tenderer is to note in the tender return:

a. Date for full completion of contract.

15. RETURNABLE SCHEDULES

The attached Returnable Schedules shall be fully completed by the Tenderer and submitted with the bid offer.

PART 1.2

EQUIPMENT REQUIREMENTS

PART 1.2 - EQUIPMENT REQUIREMENTS

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PART 1.2 – EQUIPMENT REQUIREMENTS

1. CABLES

The cables shall be installed and terminated in accordance with the latest requirements and amendments of the SANS10142. PVC insulated SWA cables (sizes to be indicated on particular specification section) must be used.

1.1 General

(a) The contractor must satisfy the Engineer that he is competent to lay the cables specified, and must have had previous experience of cable laying and jointing of the size and type of cable specified.

(b) The Contractor shall, before installing the cables, familiarize himself with the conditions on site and shall be provided with such information as is known to the Engineer through the route, to enable the Contractor to adequately plan the route.

(c) The Contractor shall take all reasonable steps to ascertain where the cables are liable to be subjected to chemical or other damage or electrolytic action and shall submit his recommendations for approval, for any precautionary measures to be taken is such instances.

(d) Except where ducts, tunnels or pipes are provided and unless instructed to the contrary by the Engineer, the Contractor shall lay the cables direct into the ground.

1.2 Trenching and excavations

(a) The proposed cables routes will be indicated on the drawings and to Tenderers on site.

(b) The Contractor shall, before drenching commences, familiarize himself with the route and conditions on site and shall be provided with such information as is known to the Engineer regarding site conditions and other plant along the route, to enable the Contractor to ensure that every effort is made to avoid damage to this plant. In addition, any landscaping that is obstructing the cable route is to be indicated to the engineer for instruction on how to proceed.

(c) Trial holes shall be made as and when requested by the Engineer, or by the Contractor where reasonable doubt exists regarding the proximity of other plant. The request for trial holes by the Engineer does not absolve the Contractor for liability for damage to plant during excavation.

(d) Trenches shall be kept as straight as possible and each trench shall be excavated to approved formations and dimensions.

(e) Where trenches pass from one section to another, where a change of level is necessary, the bottom of the trench shall rise or fall gradually to the approval of the Engineer.

(f) If, during the course of excavating, obstructions are encountered which necessitate alterations to

the trench, or the adoption of a special form of trench, such drenching must receive the prior approval of the Engineer.

(g) The material excavated from each trench shall be placed adjacent to the trench in such a manner as to prevent nuisance or damage to adjacent hedges, trees, ditches, drains, gateways and other property, and shall be stacked so as to avoid undue interference with traffic.

(h) In order to facilitate the re-use of excavated material for road foundations and surfacing, the excavated material shall be separated into hard road metal, soil and other materials.

(i) The Engineer Shall be notified immediately by the Contractor of any exceptional conditions which are encountered during excavations.

(j) Trenches shall be secured and encircled with a red and white tape and notice board to notify people on site of possible danger.

1.3 Cable laid in the ground

(a) Prior to laying the cable, the trench shall be inspected thoroughly by the Engineer or his appointed representative to ensure that it is free from all objects likely to damage the cable either during or after cable laying operations.

(b) The method of laying of cables shall be approved and meet the specification of the manufacturer and the client.

1.4 Installation depth

(a) Unless otherwise specified cables shall be installed at the following minimum depth below final ground level of **600mm**

(b) All cable depth measurements shall be made to the top of the cable when laid directly in ground or to the top of the duct or sleeve where these are provided.

(c) The Contractor may only deviate from the above depths provided prior authority in writing has been obtained from the Engineer.

1.5 Bedding

(a) The bottom of the trench shall be filled across the full width with a 75mm layer of suitable soil sifted through a 6mm mesh and levelled off.

(b) Only sandy clay or loam soil with a satisfactory thermal resistively (not exceeding 1,5° C m/W) may be used for this purpose. Sea or river sand, ash, chalk, peat, clinkers or clay soil shall not be used. The use of crusher sand is acceptable.

(c) Where no suitable soil is available on site, the Contractor shall import fill from elsewhere and make all the necessary arrangements to do so. The cost of importing soil for bedding purposes shall be included in the contract price and shall be agreed with the Engineer, unless specifically provided for in the rates.

(d) After cable laying, a further layer of bedding shall be provided to extend to 75 mm above the cables.
(e) The bedding under joints shall be fully consolidated to prevent subsequent settling.

1.6 Backfilling

(a) The Contractor shall not commence with the backfilling of trenches without prior notification to the Engineer so that the cable installation maybe inspected. Should the Contractor fail to give a timeous notification, the trenches shall be re-opened at the contractor's cost.
(b) Cables shall be protected by means of the following:

A plastic marking tape shall be installed at 300 mm above the cable. The tape shall be red and white, and the words “ELECTRIC CABLE” shall be printed at 500 mm distances on it.
(c) Backfilling shall be done with soil suitable to ensure settling without voids. No large stones or rocks shall be present in the backfill material. All soil used for backfilling shall pass through an 80 mm mesh.to ensure that the maximum allowable diameter of stones present in the backfill material is 75
(d) The backfill shall be compacted by hand in layers of 150 mm and sufficient allowance shall be made for final settlement. The Contractor shall maintain the refilled trench at his expense for the duration of the contract. Surplus material shall be removed from site and suitably disposed of.
(e) On completion, the surface shall be made good to match the surrounding area. In the case of roadways or paved areas the excavations shall be consolidated to the original stability and the surface finish reinstated.

2. EARTHING

An earth bar must be fitted in the switchboard, to which all non-current carrying metal parts shall be bonded.
The neutral point of the alternator must be solidly connected this bar by means of a removable link labelled “EARTH”. Suitable terminals must be provided on the earth bar for connection of up to three earth conductors, which will be supplied and installed by others.

3. INSTALLATION

3.1. The Tenderer must include for the complete installation and wiring of the plant in running order, including the disconnecting of the main cables from the existing DB or substation and re- connecting to the changeover panel and outgoing cable from the changeover panel to the distribution board,
3.2. The connecting of the cable and control cabling to the generator and the control terminals in the LV board remains the responsibility of the Tenderer.

4. PHASE ROTATION

The contractor shall ensure that the mains and generator phase rotations are identical.

5. GENERATOR HOUSING

(a) No building will be provided for the generator.
(b) All generators shall be supplied complete with a weatherproof container type steel canopy. The canopy shall also be vandal and vermin proof.
(c) The canopy shall accommodate the generator set, control panel and change over panel.
(d) The canopy shall be fitted with sound dampers to limit the noise level from the generator engine to below 75dB.
(e) The canopy shall be lockable by means of a padlock. The canopy shall be constructed from 3CR12 stainless steel.
(f) The canopy shall be treated against corrosion with a suitable rust-inhibiting primer. The canopy final coat of paint shall be grey.

6. CONCRETE PLINTHS

(a) Concrete plinths designs and drawings will be provided by the Contractor in accordance with the generator dimensions.
(b) All concrete plinths shall be able to accept a minimum loading weight of five tonnes, spread evenly over the footprint of the generator canopy.
(c) Each plinth dimensions will be provided on particular specifications for each site.
(d) 25 mm chamfers shall be provided on the exposed edges.
(e) The plinths shall be bunded such that it will be able to contain 150% of the tank capacity.
(f) The concrete strength for each plinth shall be 30MPa.
(g) All excavations, preparations and reinforcing to be inspected by the Engineer prior to pouring of concrete.
(h) 14 days curing time must be allowed after pouring of the concrete base before installation of equipment.
(i) Sleeves shall be cast into the plinths to enable cables to be connected to the generator.
(j) Minimum characteristic strength of steel reinforcement in MPa are: High yield reinforcing (Y) = 450MPa
(k) Concrete: blinding class 15/19 Slab class 30/19
(l) All work shall be in accordance with SABS 1200 G concrete.

PART 1.3

PARTICULAR SPECIFICATIONS

SPECIFICATION FOR THE CAPE TOWN VARIOUS - PURCHASE AND INSTALLATION OF GENERATORS FOR OFFICIAL RESIDENCES OF MEMBERS OF THE EXECUTIVE

PART 1.3 – PARTICULAR SPECIFICATIONS

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PART 1.3 – PARTICULAR SPECIFICATIONS

WALMER ESTATE

This specification covers the installation of a standby generator required at the **Walmer Estate, Zonnebloem, Woodstock, Cape Town**.

1. GENERAL

The works consists of:

1.1 The decommissioning of the existing 60kVA generator and removal of the existing generator from site, including loading, rigging and transporting to Savernake, 12 Alcis Road, Newlands, Cape Town.

1.2 Upgrade existing generator, including transporting a **170kVA** generator that has been uninstalled at Rygersdal Flats, Rosebank, Cape Town to Walmer Estates.

1.3 Installation of the **170kVA 3-phase diesel generator**, complete with automatic changeover control panel, manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

1.4 Design and Construction of a manufacturer approved bunded steel reinforced concrete plinth with concrete slot for supply cables for the standby generator.

1.5 The connection of the automatic change-over system local to the generator to distribution system and cables.

1.6 The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year. The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

1.7 All related civil works, including plinth modification, clean-up and making good the entire installation, including all trenches, wall chases and LV room.

1.8 The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence.

2. SITE INFORMATION AND CONDITIONS

2.1 Location

- The site is located at, Walmer Estate, Zonnebloem, Woodstock, Cape Town.
- The Tenderer shall make himself/herself aware of the site conditions, layout and access to the site and price accordingly for the delivery, offloading and installation of the Generator.

2.2 Existing Installation

There are 8 housing units located in Walmer Estate which are all supplied from the same main supply which has an existing generator room on site with a 60kVA generator which only caters for security/perimeter lights, security gate and pumps. The Estate is supplied from main existing supply of 250A 3Phase from the metering kiosk.

The successful Tenderer shall make himself/herself aware of the existing installation prior starting the work, this will enable the contractor to prepare the program accordingly and accommodate the changeover process.

2.3 Site Conditions

The following site conditions will be applicable, and equipment shall be suitably rated to develop their assigned rating and duty at these conditions.

(a) Height above sea level: 42 meters

(b) Maximum ambient temperature: 35°C

(c) Maximum ambient humidity at lowest temperature: 83%

3. GENERATOR SET

A complete containerised generator set consisting of an engine, a generator, a day tank, a changeover panel and control panel shall be installed.

After the de-rating factors for the engine and generator due to site conditions have been taken into account, the set must have a site output and voltage as follows:

No load voltage	:	400/230V, 3 Phase, 4 wire
Rating	:	170kVA
Frequency	:	50Hz

The generating set is required to supply the entire building in case of power failure.

4. BULK AND DAY TANK

4.1 Day Tank

The fuel tank shall be an integral part of the base frame of the generator set. The day tank capacity shall be that of the relocated generator set.

The tank shall be fitted with a suitable filter, gauge, removable inspection cover, drain, filler cap, low level and extra shutdown alarm sensors. These shall supply an audible and visible signal on the control panel.

4.2. Bulk Tank

There shall be no bulk tank for this back-up generator.

5. CABLES

The contractor shall be responsible for all electrical cable connections associated with the complete generating set installation.

6. CONCRETE PLINTH

The Generator shall be installed on reinforced concrete slab/plinth. The successful Tenderer, on receipt of notification of award of the contract shall check the details of any existing generator plinth. The plinth size shall match the existing relocated generator.

7. CHANGEOVER CONTROL PANEL

(a) The changeover control panel for this installation shall be incorporated in containerized generator.

(b) The generator shall start automatically in the event of a power failure, and shall switch over to normal supply on restoration of the incoming mains power.

(c) An on-load bypass switch shall be incorporated to permit the bypassing of the generator in case of need.

(d) The bypass switch shall include an isolator to enable the incoming mains to be switched off, and a circuit breaker to feed its output as well as a circuit breaker from the generator.

(e) There shall be an emergency stop button to permit stopping of the generator in case of emergency.

WESTERFORD ESTATE

This specification covers the installation for the new standby generator required at the **Westerford Estate**: 61 Klipper Road, Rondebosch (x6 houses) 1 on separate supply 61 Klipper, 61A, 61B, Klippercourt 1,2,3.

1. GENERAL

The works consists of:

1.1 The manufacture, supply, delivery, installation, testing and commissioning, training, documentation, maintenance and guarantee of an 80kVA, 400V, 3 phase standby generator set enclosed in a weather and soundproof enclosures, complete with automatic changeover control panel, manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

1.2 Repairs, renovation and building works on the existing generator room including construction of a bund wall to allow for containment of spills.

1.3 All electrical work required on the existing main distribution board necessary for proper operation and connection of the standby generator to the building, including a supply cable from generator to ATS, to the main DB.

1.4 The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year. The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

1.5 Tenderers are advised to allow in their unit prices for all equipment, material, transport, labour and other costs to ensure a complete and working installation as specified in this document and as detailed on the drawings.

1.6 After site hand-over, the contractor shall prepare a safety file to the approval of the Client prior to commencing work on site. He/she shall be required to prepare a programme, taking due account of the requirements set out to subsequent sections of this document. It will be commented on by the Client but shall remain the contractor's programme.

1.7 The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence.

2. SITE INFORMATION AND CONDITIONS

2.1 Location

The site is located at, Westerford Estate: 61 Klipper Road, Rondebosch, Cape Town. The Tenderer shall make himself/herself aware of the site conditions, layout and access to the site and price accordingly for the delivery, offloading and installation of the Generator.

2.2 Existing Installation

Westerford Estate is supplied from 250A 3 phase main circuit breaker. The estate does not have existing backup power supply but there is a generator room with a slack cable provided and surge arrestors. The generator room is built already but is requires repairs and cleaning, the roof is leaking hence the ceiling falling apart and the lights are broken. The room will also require sound attenuation at louvres and acoustic doors. The slack of the cable is provided. The main supply is 250A x 3 Phase in the main distribution board that supplies 6 houses with 60A each and the security supply. The main DB is in good condition with surge arrestors installed and the colour orange.

The successful Tenderer shall make himself/herself aware of the existing installation prior starting the work, this will enable the contractor to prepare the program accordingly and accommodate the changeover process.

2.3 Site Conditions

The following site conditions will be applicable and equipment shall be suitably rated to develop their assigned rating and duty at these conditions.

(a) Height above sea level: 42 meters
(b) Maximum ambient temperature: 35°C
(c) Maximum ambient humidity at lowest temperature: 83%

3. GENERATOR SET

A complete containerised generator set consisting of an engine, a generator, a self-bunded day tank, a changeover panel and control panel shall be supplied and installed.

After the de-rating factors for the engine and generator due to site conditions have been taken into account, the set must have a site output and voltage as follows:

No load voltage	:	400/230V, 3 Phase, 4 wire
Rating	:	80kVA, Prime
Power at 0.8 power factor	:	64kW
Frequency	:	50Hz
Fault Level	:	15kA

The generating set is required to supply the entire building in case of power failure

4. BULK AND DAY TANK

4.1 Day Tank

The fuel tank shall be an integral part of the base frame of the generator set. The day tank shall have: A minimum capacity of 350 litres and/or sufficient capacity to run the engine on 75% load for a minimum period of 24 hours.
The tank shall be self-bunded, fitted with a suitable filter, gauge, removable inspection cover, drain, filler cap, low level and extra shutdown alarm sensors. These shall supply an audible and visible signal on the control panel.

4.2. Bulk Tank

There shall be no bulk tank for this back-up generator

5. CABLES

The contractor shall be responsible for all electrical cable connections associated with the complete generating set installation

6. CHANGEOVER CONTROL PANEL

(a) The changeover control panel for this installation shall be incorporated in containerized generator.

(b) The generator shall start automatically in the event of a power failure, and shall switch over to normal supply on restoration of the incoming mains power.
(c) An on-load bypass switch shall be incorporated to permit the bypassing of the generator in case of need.
(d) The bypass switch shall include an isolator to enable the incoming mains to be switched off, and a circuit breaker to feed its output as well as a circuit breaker from the generator.
(e) There shall be an emergency stop button to permit stopping of the generator in case of emergency.

7. BUILDING WORKS

The contractor shall repair and renovate the existing generator room, by executing the following work:

(a) Interior works
Building works shall be limited to the interior of the generator room. No work shall be done on the exterior or the building.
(b) Walls
The Tenderer shall repair the walls and fix the plastering, covering any cracks with a crack filler.
(c) Ceilings
The Tenderer shall remove the existing ceiling board and install a new ceiling board to match the existing one.
(d) Painting Ceilings
The Tenderer shall paint the ceiling and walls with two coats of a washable acrylic PVA paint. The colour shall match the existing wall and ceiling colour.
(e) Electrical
The Tenderer shall repair the electrical by:
supplying and installing a quantity of 2 new LED open channel 5ft light fittings, including wiring; and supplying and installing double socket outlets to replace the existing.

SAVERNAKE

This specification covers the installation for the new standby generator required at the **Savernake, 12 Alcis Road, Newlands, Cape Town, 7700**

1. GENERAL

The works consists of:

1.1 Decommissioning of Existing Generator and all its associated connections to site. Load, rig and transport the existing generator to the Department of Public Works and Infrastructure's storage building, Customs Foreshore Cape Town.

1.2 Upgrade existing generator, including transporting a 60kVA generator that has been uninstalled from Walmer Estates to Savernake.

1.3 The preparation, installation, testing and commissioning, training, documentation, maintenance and guarantee of the 60kVA, 400V, 3 phase standby generator set enclosed in a weather and soundproof enclosures, complete with automatic changeover control panel, manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

1.4 All electrical work required on the existing main distribution board necessary for proper operation and connection of the standby generator to the building, including a supply cable from generator to main DB.

1.5 The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year.

1.6 The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

1.7 Tenderers are advised to allow in their unit prices for all equipment, material, labour, transport, travelling and other costs to ensure a complete and working installation as specified in this document and as detailed on the drawings.

1.8 After site hand-over, the contractor shall prepare a safety file to the approval of the Client prior to commencing work on site. He/she shall be required to prepare a programme, taking due account of the requirements set out to subsequent sections of this document. It will be commented on by the Client but shall remain the contractor's programme.

1.9 The connection of the automatic change-over system local to the generator to distribution system and cables.

1.10 The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence

2. SITE INFORMATION AND CONDITIONS

2.1 Location

The site is located at, **Savernake, 12 Alcis Road, Newlands, Cape Town**. It is made up of two houses in the same complex.

The Tenderer shall make himself/herself aware of the site conditions, layout and access to the site and price accordingly for the delivery, offloading and installation of the Generator.

2.2 Existing Installation

Savernake has an existing 150kVA John deer generator. The generator and its canopy are worn out and rusted. The generator backs up only the security features of the two houses. The new generator shall provide backup to the entire estate and entire load.

The successful Tenderer shall make himself/herself aware of the existing installation prior starting the work, this will enable the contractor to prepare the program accordingly and accommodate the changeover process.

2.3 Site Conditions

The following site conditions will be applicable and equipment shall be suitably rated to develop their assigned rating and duty at these conditions.

(a) Height above sea level: 42 meters
(b) Maximum ambient temperature: 35°C
(c) Maximum ambient humidity at lowest temperature: 83%

3. GENERATOR SET

A complete containerised generator set consisting of an engine, a generator, a self-bunded day tank, a changeover panel and control panel shall be supplied and installed.

After the de-rating factors for the engine and generator due to site conditions have been taken into account, the set must have a site output and voltage as follows:

No load voltage	:	400/230V, 3 Phase, 4 wire
Rating	:	60kVA,
Power at 0.8 power factor	:	48kW
Frequency	:	50Hz
Fault Level	:	15kA

The generating set is required to supply the entire building in case of power failure.

4. BULK AND DAY TANK

4.1 Day Tank

The fuel tank shall be an integral part of the base frame of the generator set. The day tank capacity shall be that of the relocated generator set.

The tank shall be fitted with a suitable filter, gauge, removable inspection cover, drain, filler cap, low level and extra shutdown alarm sensors. These shall supply an audible and visible signal on the control panel

4.2. Bulk Tank

There shall be no bulk tank for this back-up generator.

5. CABLES

The contractor shall be responsible for all electrical cable connections associated with the complete generating set installation.

6. CONCRETE PLINTH

The Generator shall be installed on reinforced concrete slab/plinth. The successful Tenderer, on receipt of notification of award of the contract shall check the details of any existing generator plinth. The plinth size shall match the existing relocated generator.

7. CHANGEOVER CONTROL PANEL

(a) The changeover control panel for this installation shall be incorporated in containerized generator.

(b) The generator shall start automatically in the event of a power failure, and shall switch over to normal supply on restoration of the incoming mains power.

(c) An on-load bypass switch shall be incorporated to permit the bypassing of the generator in case of need.

(d) The bypass switch shall include an isolator to enable the incoming mains to be switched off, and a circuit breaker to feed its output as well as a circuit breaker from the generator.

(e) There shall be an emergency stop button to permit stopping of the generator in case of emergency.

RYGERSDAL FLATS

This specification covers the installation for the new standby generator required at the **Rygersdal Flats, 44 Grosvenor, Rosebank, Cape Town.**

1. GENERAL

The works consists of:

1.1 Decommissioning of Existing Generator and all its associated connections to site. The existing generator shall be loaded and transported to Walmer Estate, Zonnebloem, Woodstock.

1.2 The manufacture to supply a factory tested generator, deliver to site, installation, on site testing and commissioning, training, documentation, maintenance and guarantee of a **250 kVA, 400V, 3 phase** standby generator set, complete with a local automatic change-over control panel, a manual bypass switch, modification of existing distribution board as specified and service the installation during the guarantee period.

1.3 Investigate and assess the existing plinth against the requirements for the new generator and where necessary modify and construct an approved steel reinforced concrete plinth with concrete slot for supply cables for the standby generator.

1.4 All electrical work required on the existing main distribution board necessary for proper operation and connection of the standby generator to the building, including a supply cable from generator to the main DB.

1.5 The contractor shall service the generator installation at quarterly intervals during the guarantee period of one year. The Tenderer shall note that all sites are current operational. He or she shall carry out work with minimum disturbance to the operation of the site and undertake all risk and safety measures to ensure safety of people and equipment on site.

1.6 Tenderers are advised to allow in their unit prices for all equipment, material, labour, transport and other costs to ensure a complete and working installation as specified in this document and as detailed on the drawings.

1.7 After site hand-over, the contractor shall prepare a safety file to the approval of the Client prior to commencing work on site. He/she shall be required to prepare a programme, taking due account of the requirements set out to subsequent sections of this document. It will be commented on by the Client but shall remain the contractor’s programme.

1.8 The installation must comply fully with all the sections of this document. This specification is supplementary to the General Specifications Part 1.1, Equipment Requirements, Part 1,2, and Particular specification Part 1,3 must be read together; where they are at variance the **Particular Specification** shall take precedence

2. SITE INFORMATION AND CONDITIONS

2.1 Location

The site is located at, **Rygersdal Flats, 44 Grosvenor, Rosebank, Cape** Town. The Tenderer shall make himself/herself aware of the site conditions, layout and access to the site and price accordingly for the delivery, offloading and installation of the Generator.

2.2 Existing Installation

Rygersdal Flats are supplied from 400A 3phase circuit breaker and currently backed up by a 170kVA generator with 200A ATS (automatic transfer switch) which only caters for security lights, security gate and pumps. The new generator shall backup the entire housing complex and load.

The successful Tenderer shall make himself/herself aware of the existing installation prior starting the work, this will enable the contractor to prepare the program accordingly and accommodate the changeover process.

2.3 Site Conditions

The following site conditions will be applicable and equipment shall be suitably rated to develop their assigned rating and duty at these conditions.

a) Height above sea level: 42 meters
b) Maximum ambient temperature: 35°C
c) Maximum ambient humidity at lowest temperature: 83%

3. GENERATOR SET

A complete containerised generator set consisting of an engine, a generator, a self-bunded day tank, a changeover panel and control panel shall be supplied and installed.

After the de-rating factors for the engine and generator due to site conditions have been taken into account, the set must have a site output and voltage as follows:

No load voltage	:	400/230V, 3 Phase, 4 wire
Rating	:	250kVA, Prime
Power at 0.8 power factor	:	200kW

Frequency	:	50Hz
Fault Level	:	5kA

The generating set is required to supply the entire building in case of power failure.

4. BULK AND DAY TANK

4.1 Day Tank

The fuel tank shall be an integral part of the base frame of the generator set. The day tank shall have:
a minimum capacity of **600 litres** and/or sufficient capacity to run the engine on 50% load for a minimum period of 24 hours.
The tank shall be self-bunded, fitted with a suitable filter, gauge, removable inspection cover, drain, filler cap, low level and extra shutdown alarm sensors. These shall supply an audible and visible signal on the control panel.

4.2. Bulk Tank

There shall be no bulk tank for this back-up generator

5. CABLES

The contractor shall be responsible for all electrical cable connections associated with the complete generating set installation

6. CONCRETE PLINTH

The Generator shall be installed on reinforced concrete slab/plinth. The successful Tenderer, on receipt of notification of award of the contract shall check the details of any existing generator plinth and modify the plinth as per the new generator set installation requirement.

7. CHANGEOVER CONTROL PANEL

a) The changeover control panel for this installation shall be incorporated in containerized generator.
b) The generator shall start automatically in the event of a power failure and shall switch over to normal supply on restoration of the incoming mains power.
c) An on-load bypass switch shall be incorporated to permit the bypassing of the generator in case of need.

d) The bypass switch shall include an isolator to enable the incoming mains to be switched off, and a circuit breaker to feed its output as well as a circuit breaker from the generator.

e) There shall be an emergency stop button to permit stopping of the generator in case of emergency.

PART 2

SOLAR PLANTS SPECIFICATIONS

SPECIFICATION FOR THE CAPE TOWN VARIOUS - PURCHASE AND INSTALLATION OF GENERATORS FOR OFFICIAL RESIDENCES OF MEMBERS OF THE EXECUTIVE

PART 2 – SOLAR PLANTS SPECIFICATIONS

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1. SCOPE

The project scope of work includes the following as specified further in this document. Note that the scope is **partially applicable** to some sites.

(a) Supply and installation of inverters;
(b) Supply and installation of batteries;
(c) Supply and installation of solar panels;
(d) Supply and installation of all the required electrical connections, distribution board, change-over switches, fuses, DC and AC cables, and the required trunking and fastening;
(e) Application for authorisation from the City of Cape Town for an intention to install an embedded generation system, as well as obtaining the required written authorisation.
(f) Test, commission and insure a certificate of compliance, as well as train the tenant on the use of the system.

1.1 Essential Circuits

The backup facility shall be expected to keep power on during load shedding on essential installations which include, but not limited to:

- Interior and exterior lights, and
- Socket outlets connecting security features of the Building;
- Socket outlets connecting the TVs and entertainment units, air conditioning, cell phone chargers, and internet routers.
- Other essential appliances with light loads.

1.2 Excluded Works

The following shall be excluded:

- There shall be no backup to socket outlets and power points connecting stoves, ovens, geysers, heavy kitchen appliances with heating elements, and heaters.

2. PROJECT SITE & LOCATION

The project details are as follows:

- All sites are located within the City of Cape Town, Western Cape;
- Buildings are free standing homes;
- Buildings may include out buildings such as guest house, garage, security gate house, or servant's quarters;

2.1 Installation of 3-phase inverters and batteries

- Inverter: **12kW three-phase** inverter
- Battery: **15kWh** Nominal Capacity

Sites that require the installation of 3-phase inverters and batteries.	
1	Rheezicht: Cottage to no.3
2	Rheezicht: Cottage to no.5
3	Rowan Avenue
4	4 Dune Road

2.2 Installation of 3-phase inverters, batteries and solar panels

- Inverter: **12kW three-phase** inverter
- Battery: **15kWh** Nominal Capacity

Sites that require the installation of 3-phase inverters, batteries, and solar panels.	
1	18 Oak House Kenilworth, Cape Town
2	25a Oak Road, Kenilworth, Cape Town
3	21alley Road, Kenilworth, Cape Town
4	21A Valley Road, Kenilworth, Cape Town
5	2 Bowwood Road, Claremont, Cape Town, 7708
6	Outenique, 2 Brier Road, Newlands, Cape Town
7	Gydo, 1 Beulah Terrace, Oranjezicht, Cape Town
8	Newlands House Ave La Caille, Newlands, Cape Town
9	Shamrock House, Newlands, Cape Town
10	31 Milnerton Ridge, Milnerton, Cape Town
11	21 Iamein Street, Milnerton, Cape Town

12	5 Cotswold Drive Milnerton, Cape Town
13	51 ngina Crescent, Sunset Beach, Cape Town
14	9 Delaire Street, Van Riebeeckshof, Bellville
15	18 elgelegen, Van Riebeckshof, Bellville
16	5 Welgelegen, Van Riebeeckshof, Bellville
17	45 Landskroon, Van Riebeeckshof, Bellville,
18	15 Welgelegen, Van Riebeeckshof, Bellville,
19	4 Maartbloom Close, Platekloof 2, Cape Town,
20	33 Chardonnay, Oude Westhof, Cape Town
21	Separate supply to no.2, Cape Town (To be confirmed)
22	33 Norwich Drive
23	19 Ohlsson Way
24	Rockyvale- 64 Orchard Street. Newland

2.3 Installation of 3-phase inverters, batteries and solar panels plus another 1-phase inverters and batteries

- Inverter 1: **12kW three-phase** inverter
- Inverter 2: **5kW single-phase** inverter
- Battery 1: **15kWh** Nominal Capacity
- Battery 2: **5kWh** Nominal Capacity

Sites that require the installation of 3-phase inverters, batteries and solar panels plus another 1-phase inverters and batteries	
26	Hoogelegen, 51 Herschel Road, Kenilwotth, Cape Town

2.4 Installation of 3-phase inverters, batteries and solar panels with solar panels on floating mounting structures.

- Inverter: **12kW three-phase** inverter
- Battery: **15kWh** Nominal Capacity

Sites that require the installation of 3-phase inverters, batteries and solar panels with solar panels on floating mounting structures.	
25	50a Almond,Newlands , Cape Town

2.5 Installation of 1-phase inverters and batteries

- Inverter: **12kW single-phase** inverter
- Battery: **15kWh** Nominal Capacity

Sites that require the installation of 1-phase inverters and batteries.	
5	1 Alamein Road
6	Bordeaux 605/606

3. ASSESSMENT

a. The Tenderer may not be able to get access to the sites during bidding phase because of security concerns, however the Tenderer may visit and familiarize himself with the exterior of each site layout prior to submitting a proposal.
b. It should be noted that the housing Units have different layouts and shall require different solutions. The Tenderer shall be expected to familiarise himself with each layout.
c. He/she shall consult with the Project Manager to ensure that he has the correct understanding of each building layout.
d. He shall ensure that there is sufficient provision in the building infrastructure to accommodate the backup system and all its components, including positioning.
e. Assessment shall include assessing the electrical infrastructure of the building and surrounding walls.
f. A report shall be required at the end of the assessment phase.

4. MOUNTING

a. Tenderer shall be expected to design and specify suitable rooftop module mounting structures for each roof.
b. Suitable inverter and battery wall mounting shall be carefully selected to fit the location and walls.
c. Equipment shall be tightly mounted as per the manufacture's specifications and shall be secured properly to withstand tempering.
d. Aluminium mounting structures shall be used, and all components shall be of rustproof material.
e. All the components required to properly and safely mount and fasten the structures to the wall shall be included in the pricing.
f. The 12 months workmanship guarantee shall apply to the mounting.
g. The Tenderer shall ensure that the mounting system is compatible and intended for use with the proposed inverter and battery to be used for the project and that it can support the weight of the equipment.

5. PV MODULES

a. The solar PV system service provider shall design, supply and install PV Modules that achieve optimum levels of performance for the building power load, roof area and conditions.
b. PV modules shall conform to all relevant National and International standards with regards to design, testing and approvals.
c. Mono-crystalline PV modules shall be used.
d. PV modules shall have a minimum module efficiency of 21%
e. PV modules shall have a minimum of 25 years power output guarantee and 10 years structural warranty.

6. INVERTERS

The inverter shall meet the following minimum Technical Specifications:

• Input AC Voltage	230V_{AC} or 400V_{AC} ± 5% @ 50Hz
• Parallel Capability:	Yes
• Protection Degree	IP20
• Inverter Type:	Grid-tied or Hybrid
• Warranty	10 years
• Integrated MPPT charge controller	
• Ability to work with or without battery	
• Configurable grid or solar input priority	
• Support parallel operation for capacity expansion	

<u>Note</u> that the choice of inverter should be checked against the list of the City of Cape Town's Type Tested Inverters/Equipment in Terms of NRS 097-2-1.

7. BATTERIES

The battery shall meet the following minimum Technical Specifications:

• Nominal capacity:	(refer to Part 2 Section 2)
• Type:	Lithium-ion Battery
• Installation:	Wall mounted
• Warranty:	10 years warranty, > 6000 cycles life
• Parallel Capability:	Yes

8. CABLES

All electrical work shall be designed and installed in accordance with the latest edition of all applicable codes, standards, and recommendations. DC and Low Voltage AC cables shall be as per the design requirements and suitable for solar panels, inverter & battery plant application.

Cables shall be installed to the mounting system using durable fixings in such a way as to protect them from animals, rodent attack, weather and UV radiation and placed in suitable trunking and conduits. Insulation checks shall be carried out after every cable installation in order to locate any possible faults and records kept so that faults can be identified in future.

The Tenderer shall use cables with connectors which are contact-proof and designed to avoid confusion and corrosion. Circuits and cables shall be planned and installed to ensure accessibility and ease of maintenance.

9. DISTRIBUTION BOARDS

(a) All electrical distribution boards shall be constructed in compliance with SABS 1180-Part I:1978 /Part II: 1979 as amended and shall be the products specialist manufacturers of this class of equipment.

(b) Only **SANS approved** switchgear and instruments shall be used.

(c) A wall-mounted distribution board to which the cables are brought shall have trunking of sufficient width to encompass cables, sealing ends and sleeves.

(d) All surface-mounting switchboards shall be arranged for the future extension at both ends and shall be provided with removable end panels for this purpose.

(e) All switchboards shall be fixed rigidly, accurately level and plumb.

(f) The Tenderer shall provide labelling of all equipment, switchgear, switches, instruments, cables, etc.

10. GRID-TIED

All installations shall be **GRID-TIED WITH NO EXPORT** and shall include the installation of a reverse power flow blocking protection in order to ensure that no excess electricity is exported to the grid, as required by the City of Cape Town.

11. GUARANTEES AND WARRANTIES

The following define the performance and guarantee requirements to be complied with by the Tenderer. The key components and the warranty periods required for each of them is shown below.

Description	Guarantees and Warranties
Solar PV Modules power output guarantee	25 Years
PV Modules structural warranty	10 years
Mounting & Support Frame	10 years
Inverter Warranty	10 years
Battery Warranty	10 years
Workmanship *Guaranty*	1 years

Table 1: Guarantees and Warranties

The Tenderer shall provide valid manufacturers' guarantees and warranties for all materials and products supplied according to the required warranty periods defined in Table 1. The Tenderer shall ensure that the conditions of delivery, storage, installation and use of materials and products are such that they remain under guarantee for the maximum period as specified by the manufacturers. The Tenderer shall ensure any maintenance required by the Supplier is provided before completion and that full records are kept and included in the manuals prior to completion.

12. INSTALLATION

12.1 Essential Power Installation

(a) The Tenderer shall consult with the Project Manager and Client as which socket outlets shall be treated as essential.
(b) Air-conditioners shall be considered as essential load.
(c) It should be noted that the housing Units are not all the same layout, and customisation shall be required to each type of unit.

12.2 Cleaning

The Tenderer shall maintain a clean and tidy working area so as not to interfere or inconvenience the Tenant occupying the Unit.
On completion the Tenderer shall clean the area and remove all rubble and return the working area into a tidy and clean condition.

12.3 Safety

The Tenderer shall maintain a safe working environment for the workers and for the Tenant and other third parties. Safety signage shall be displayed where necessary.

12.4 Property Management and Communication

The Tenderer shall conduct all required correspondence with the Project Manager, Engineer and Third Parties which may operate the system or are otherwise involved in the name and on behalf of the Client.

13. AUTHORISATION AND APPROVAL

a. All installations shall be **grid-tied with no export** and shall include the installation of a reverse power flow blocking protection in order to ensure that no excess electricity is exported to the grid, as required by the City of Cape Town.
b. The Tenderer shall apply for authorisation from the City for an intention to install an embedded generation system.
c. The Tenderer shall obtain the required written authorisation and registration with the City.
d. Submit to the City all required certificate of compliances, drawing or documentation.
e. Conduct an ECSA registered professional sign-off, where required by the City.

14. COMMISSIONING

(a) Testing – The Tenderer shall carry out testing and commissioning of the system to the Client's satisfaction and supply all equipment and documentation in order to carry out the commissioning of the installation.
(b) Certificates of Compliance – On completion the Tenderer shall provide a Certificates of Compliance (COC) as per SANS 10142.
(c) Handover – The Tenderer shall repair any damage to finished materials and equipment prior to handover of the Works.

15. TRAINING

The Tenderer shall provide a short demonstration or training to staff selected by the Client and the tenant regarding the operation of the system. Training shall occur at the facility where each system is installed.

16. DOCUMENTATION

On final completion, the Tenderer shall provide to the Client all system documentation, including but not limited to:

a. Product Brochures, Installation Manuals, Datasheets and Specifications.
b. Guarantee and warrantee certificates.
c. Certificates of Compliance.
d. Any other report, drawing or documentation relevant to the installation, operation and maintenance of the solar modules, inverter and battery system.

17. MAINTENANCE

The Contractor shall visit the site **once after the first six (6) months,** which should fall within the first 12 months period, to perform the following maintenance (this equates to **one visit**):

17.1. Inspections

a. **Visual Inspection**: Check the inverter and batteries for any visible signs of damage, such as cracks, corrosion, or loose connections. Ensure that the vents are not obstructed and that there is no accumulation of dust or debris.

b. **Performance Monitoring**: Use the monitoring system provided with your solar kit to track the performance of your inverter and batteries. Address any significant drops in performance or unusual error messages promptly.

17.2. **Cleaning**

a. **Dust and Debris**: Keep the inverter and battery surfaces clean from dust and debris. Use a soft, dry cloth to gently wipe the exterior. Avoid using water or cleaning agents, as these can damage the components.
b. **Cooling Vents**: Ensure that the cooling vents are free from dust and obstructions to prevent overheating**.**

17.3. **Electrical Connections**

a. **Check Connections**: Inspect all electrical connections between the inverter and batteries to ensure they are secure and free from corrosion. Loose or corroded connections can lead to performance issues or damage.
b. **Professional Inspections**: Consider having a certified electrician or solar technician inspect the electrical connections and components.

17.4. **Firmware Updates**

a. **Software Updates**: Check for any available firmware updates for your inverter and follow the manufacturer's instructions to install them. This ensures your system runs efficiently and benefits from the latest improvements.

17.5. **Battery Maintenance**

(a) **Battery Checks**: Maintain the batteries according to the manufacturer's recommendations. This includes checking battery connections, fluid levels (if applicable), and monitoring for any signs of wear or degradation.

PART 3

RETURNABLE SCHEDULES

SPECIFICATION FOR THE CAPE TOWN VARIOUS - PURCHASE AND INSTALLATION OF GENERATORS FOR OFFICIAL RESIDENCES OF MEMBERS OF THE EXECUTIVE

PART 3 – RETURNABLE SCHEDULES

TABLE OF CONTENTS

1. DETAILED REQUIREMENTS REGARDING STAFF

The Contractor shall continuously ensure that all staff is knowledgeable, suitable and competent for the duties required of them. For all staff and senior personnel dedicated to this contract, the following must be submitted in detail:

a) Full Names,
b) CV with work experience on similar equipment & installations,
c) Proof of qualifications, and
d) Wireman's license.

Minimum qualifications of electrician:

a) Trade tested Electricians, with traceable qualifications.
b) Three (3) or more years' post qualification experience relevant to the maintenance of Standby Diesel Generators and controls
c) Authorised to sign-off on all maintenance activities and verify that the system is safe and fit for use.

2. COMPANY EXPERIENCE

The Tenderer shall submit under Company Experience, the following:

a) A schedule listing the company experience on similar appointments and completed projects, including the description and value of each project.
b) **Three (3) reference letters** with contactable references of similar projects completed within the **past 5 years**.
c) The company profile.

3. EQUIPMENT SCHEDULE FOR DIESEL GENERATORS

Tenderers shall complete and return the equipment schedule below and include all products to be supplied. **Copies of this schedule should be made and submitted where different equipment is proposed for different sites.**

3.1 GENERAL DATA

NO	ITEM	REMARKS
1.	Manufacturer's Name	
2.	Model:	
3.	Prime Power:	
4.	Stand-by Power:	
5.	Amps:	
6.	Power Factor:	
7.	Frequency:	
8.	Voltage:	
9.	Phases:	
10.	Engine Speed:	
11.	Tank Capacity:	
12.	Running Time:	
13.	Noise Level:	
14.	Fuel consumption in l/h of output at: a) Full load b) ¾ load c) ½ load	
15.	Generator specification attached (Y/N)?	

3.2 CONTROL PANEL

NO	ITEM	REMARKS
1.	Model:	
2.	Type:	

3.3 ENGINE DATA

NO	ITEM	REMARKS
1.	Make:	
2.	Model:	
3.	Type:	
4.	Starting System:	
5.	Cubic Capacity (l):	
6.	Compression Ratio:	
7.	Rated Power (kW/RPM):	
8.	Fuel Type:	
9.	Lube Oil:	

3.4 BATTERY

NO	ITEM	REMARKS
1.	Make & type of battery	
2.	Voltage of battery	
3.	Number of cells	

3.5 DIMENSIONS

NO	ITEM	REMARKS
1.	Dimensions (L x W x H):	
2.	Weight:	

3.6 DEVIATION FROM THE SPECIFICATION AS AN ALTERNATIVE (STATE BRIEFLY)

NO	DESCRIPTION
1.	
2.	
3.	
4.	
5.	

4. EQUIPMENT SCHEDULE FOR SOLAR INSTALLATIONS

Tenderers shall complete and return the equipment schedule below and include all products to be supplied. **Copies of this schedule should be made and submitted where different equipment is proposed for different sites.**

No.	ITEM	DESCRIPTION, MAKE AND MODEL
	SOLAR PV MODULES	
1.	Manufacturer	
2.	Model designation	
3.	Type: polycrystalline or mono-crystalline	
4.	No. of cells in series per module	
5.	Watt-peak of module (WP)	
6.	Efficiency (%)	
7.	Module Warranty/Guarantee	
	MOUNTING ARRANGEMENTS AND EQUIPMENT	
8.	Manufacturer	
9.	Model designation	
10.	Type of Mounting	

11.	Warranty/Guarantee	
	INVERTERS	
12.	Manufacture	
13.	Type and Model	
14.	Power rating (kW)	
15.	Inverter type (e.g. Hybrid / Off-grid / Grid-tied)	
16.	Battery DC Voltage (V_{DC})	
17.	Warranty/Guarantee	
18.	Attach a specification or datasheet	
19.	Additional Features?	
	BATTERY	
20.	Manufacture	
21.	Type and Model	
22.	Lithium-ion (Yes/No)	
23.	Nominal Voltage (V)	
24.	Nominal Capacity (kWh)	
25.	Warranty/Guarantee	
26.	Attach a specification or datasheet	
27.	Additional Features?	
	CABLES, CONDUCTORS AND DISTRIBUTION BOARD	
	(Attach additional information / data / brochures where necessary)	

C1.8 ANNEXURE N

Proforma Occupation and Health Agreement Client

C1.5 OCCUPATIONAL HEALTH and SAFETY AGREEMENT

AGREEMENT MADE AND ENTERED INTO BETWEEN COEGA DEVELOPMENT CORPORATION (PTY) LTD. (HEREINAFTER CALLED THE "EMPLOYER") AND

……..……..…… ,
(Contractor/Mandatary/Company/CC Name)

IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, 85 OF 1993 AS AMENDED.

I, ……..……..…… ,
representing

……..……..…… , as an employer
in its own right, do hereby undertake to ensure, as far as is reasonably practicable, that all work will be performed, and all equipment, machinery or plant used in such a manner as to comply with the provisions of the Occupational Health and Safety Act (OHSA) and the Regulations promulgated thereunder.

I furthermore confirm that I am/we are registered with the Compensation Commissioner and that all registration and assessment monies due to the Compensation Commissioner have been fully paid or that I/We are insured with an approved licensed compensation insurer.

COID ACT Registration Number:
……..

OR Compensation Insurer: ..... Policy No.:
.....

I undertake to appoint, where required, suitable competent persons, in writing, in terms of the requirements of OHSA and the Regulations and to charge him/them with the duty of ensuring that the provisions of OHSA and Regulations as well as the Council's Special Conditions of Contract, Way Leave, Lock-Out and Work Permit Procedures are adhered to as far as reasonably practicable.

I further undertake to ensure that any subcontractors employed by me will enter into an occupational health and safety agreement separately, and that such subcontractors comply with the conditions set.

I hereby declare that I have read and understand the Occupational Health and Safety Specifications contained in this tender and undertake to comply therewith at all times.

I hereby also undertake to comply with the Occupational Health and Safety Specification and Plan submitted and approved in terms thereof.

Signed at .....on the.....day of.....20….

_____ _____

Witness **Mandatary**

Signed at ..... on the.....day of.....20 ....

_____ _____

Witness for and on behalf of
COEGA DEVELOPMENT CORPORATION (PTY) Ltd.

C1.9 ANNEXURE O

C1.4: FORM OF PERFORMANCE SECURITY (SCHEDULE 18)

C1.4: Form of Performance Security (Schedule 18)

PERFORMANCE SECURITY

For use with the General Conditions of Contract for EPC/TURNKEY Projects, Second Edition, 2017 (Silver Book) published by the International Federation of Consulting Engineers (FIDIC).

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means: .....

"Physical address: .....

"Employer" means: COEGA DEVELOPMENT CORPORATION (Pty) Ltd

"Contractor" means: .....

"Employer's Representative" means: .....

"Works" means: Contract No. **CDC/391/25 Cape Town Various - Purchase and Installation of Generators for Official Residences of Members of the Executive.**

"Site" means: The site as defined in Sub-Clause 1.1.67 of the General Conditions of Contract.

"Contract" means: The Agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the parties.

"Contract Sum" means: The accepted amount inclusive of tax of R.....

Amount in words: .....

"Guaranteed Sum" means: The maximum aggregate amount of R.....

Amount in words: .....

"Expiry Date" means: The date of issue by the Employer's Representative of the Performance Certificate.

CONTRACT DETAILS

Employer’s Representative issues: Interim Payment Certificates, Final Payment Certificate and the Performance Certificate as defined in the Contract.

PERFORMANCE SECURITY

1. The Guarantor's liability shall be limited to the amount of the Guaranteed Sum.

2. The Guarantor's period of liability shall be from and including the date of issue of this Performance SECURITY and up to and including the Expiry Date or the date of payment in full of the Guaranteed Sum, whichever occurs first. The Employer’s Representative and/or the Employer shall advise the Guarantor in writing of the date on which the Performance Certificate has been issued.

3. The Guarantor hereby acknowledges that:

3.1 any reference in this Performance Security to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;

3.2 its obligation under this Performance Security is restricted to the payment of money.

4. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3 below:

4.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Employer’s Representative in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;

4.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) calendar days has elapsed since the first written demand in terms of 4.1 and the sum certified has still not been paid;

4.3 A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum certified in 4.

5. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand

from the Employer to the Guarantor at the Guarantor's physical address calling up this Performance Security, such demand stating that:

5.1 the Contract has been terminated due to the Contractor's default and that this Performance Security is called up in terms of 5; or

5.2 a provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Performance Security is called up in terms of 5; and

5.3 the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.

6. It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.

7. Where the Guarantor has made payment in terms of 5, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Performance Security have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Performance Security shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.

8. Payment by the Guarantor in terms of 4 or 5 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.

9. 9. The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may deem fit and the Guarantor shall not have the right to claim his release from this Performance Security on account of any conduct alleged to be prejudicial to the Guarantor.

10. The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.

11. This Performance Security is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.

12. This Performance Security, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.

13. Where this Performance Security is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

Signed at .....

Date .....

Guarantor's signatory (1) .....

Capacity .....

Guarantor's signatory (2) .....

Capacity .....

Witness signatory (1) .....

Witness signatory (2) .....

C1.10 ANNEXURE P

CDC SHE FILE REQUIREMENTS

ANNEXURE P: CDC, SHE FILE REQUIREMENTS

COEGA DEVELOPMENT CORPORATION (Pty) Ltd

PROJECT NAME: CAPE TOWN: OFFICIAL RESIDENCES OF THE PRESIDING AND MEMBERS OF THE EXECUTIVE: INSTALLATION OF BACK-UP POWER: PURCHASE AND INSTALLATION OF GENERATORS AND OR ANY POSSIBLE

CONTRACT NO.: CDC/391/25

DEVELOPED FROM PROJECT SAFETY, HEALTH AND ENVIRONMENTAL SPECIFICATIONS

This form shall be amongst the returnable documents, and the Contractor will be required to submit the SHE File upon acceptance of appointment with the information listed on the table below but not limited to

OHSSS Item No.	OHSSS Requirement	OHSA Requirement	Submission Date
2.3.1	Notification of construction work submitted to the nearest Department of Employment and Labour Centre (DoELC) by the Principal Contractor – CR 4 in the form of Annexure 2	A copy of completed and signed Annexure 2 with construction work notification certificate from DoELC	Before commencement of construction work
2.3.2	Assignment of Construction Manager and Supervisor (CM & CS) for management and supervision of construction work, fulltime basis on site – CR 8(1) and CR 8(7)	Signed appointment and acceptance letter, profile, and copies of (ID, qualifications, short courses attended) registration with SACPCMP (where applicable)	
2.3.3	Assignment of Construction Health and Safety Officer or Manager (CHSO/M) to manage, assist in the control of all SHE related aspects on site – CR 8(5)	Signed appointment and acceptance letter, profile, copies of (ID, qualifications, short courses attended) registered with SACPCMP	
2.3.4	Construction work site Organogram	Designation and Names of Persons appointed to relevant Sections and Regulations of the Acts	
2.3.5	Assignment of Competent responsible persons as per project scope of work aligned with site organogram	Signed appointment and acceptance letter for relevant Sections and Regulations of relevant Legislations. Proof of competent certificates	
2.3.6	Registration with Compensation Fund or approved License Insurer in terms of Occupational Injuries and Diseases Act, Act (130 of 1993), CR 5(1)(j)	Valid proof of letter of good standing. (Sole or J/V entity)	
2.3.7	Prepared SHE Policies – Section 7	Signed SHE policies as per Tender SHE Specifications	

2.3.8	Prepared Baseline Risk Assessment (BRA) – Hazard Identification and Risk Assessment – CR 9(1)	Signed BRA specific to the project scope of work	
2.3.9	Prepared Safety, Health and Environmental Plans (where applicable) – • Health and Safety Plan • Environmental Management Plan • Fall Protection Plan • Temporary Works plan • Demolition Plan • Emergency Preparedness and Response Plan • Training Plan	Signed HSP specific to the Tender SHE Specifications	
2.3.10	Documents, Training, Records and Registers – CR 7(1)(b)	Prepared registers, documents and records as per Tender SHE Specifications	
2.3.11	Medical examinations of all employees specific to the work to be performed – pre, periodic and exits - CR 7(1)(g)	Proof of valid medical certificates issued by Occupational Health Practitioner with completed Annexure 3 and copies of employees' ID	
2.3.12	Mandatary agreement entered between two parties - Section 37.2	Signed copy of mandatary agreement by the Client and Principal Contractor	
2.3.13	Prepared Health and Safety Site Specifications (HSSS) by the Client - CR 5(1)(b)	Signed copy of HSSS Specifications	
2.3.14	Prepared Baseline Risk Assessment (BRA) by the Client - CR 5(1)(a)	Signed copy of BRA specific to the project scope of work	
2.3.15	Drawing Designs	Approved drawing designs by the Authorities	

2.3.16	Appointment letters CR5(1)(k)	Signed appointment letters by Client and Principal Contractor
2.3.17	Project Environmental Specification (PES) by the Client	Signed copy of PES Specifications
2.3.18	SHE Bill of Quantities	Completed adequate provisions of SHE BoQ
2.3.19	Prepared Environmental Method Statements as per project scope of work	Approved Method Statements as per SHE Specifications
2.3.20	Prepared Safe Working Procedures as per project scope of work activities	Approved Safe Working Procedures as per SHE Specifications

"NB" The above required documents shall be compliant to the Occupational Health and Safety Act and Regulations, Act (85 of 1993), National Environmental Management Act, Act (107 of 1998) and (Disaster Management Act, Act (57 of 2002) with relevant legislations.

Abbreviations:
SHE: Safety, Health and Environment
CR: Construction Regulations 2014
OHSA: Occupational Health and Safety Act and Regulations, Act (85 of 1993)
OHSSS: Occupational Health and Safety Site Specification

Acknowledgement:

I, _____ representing _____ Principal Contractor have satisfied myself with the content of the OHSSS and shall ensure that the Contractors accountable under my administration will comply with all relevant obligations in respect thereof. I furthermore have fully included in my tendered rates or pricing (Bills of Quantities) for all resources and any other costs required for the interest of the OHSA fulfillment throughout the duration of the construction work and defects liability period.

_____ _____
Signature of Contractor Date

C1.11 ANNEXURE Q

CDC-FI-FOM-001-010: SUPPLIER PERFORMANCE EVALUATION FORM

CDC-FI-FOM-001-010: SUPPLIER PERFORMANCE EVALUATION FORM (TO BE USED FOR EVALUATION OF DELIVERABLES OF SERVICE PROVIDERS/CONTRACTORS)

EVALUATORS/PROJECT MANAGERS NAME:		
SERVICE PROVIDER/CONTRACTOR BEING EVALUATED:		
CLIENT		
VALUE OF CONTRACT		
REVIEW PERIOD	**FROM:**	**TO:**
REVIEW DATE		

EVALUATION ITEM - GENERIC MEASURES	**RATINGS 1-5 (SEE EXPLANATIONS BELOW) AND COMMENTS**
***Quality-Service /product deliverable*: Demonstration to meeting and exceeding specifications/ deliverables by service provider/contractor**	
***Cost-:* Ability to provide services and goods cost effectively in terms of value for money**	
***Time:* Ability to deliver products/services within the specified time period (contract duration) or within the agreed turnaround periods.**	
***Communication:* Timeous, effective and efficient exchange of information that is pertinent to the delivery of services/products**	
***Skills and Competency Availability*: refers to the actual availability and competency of staff deployed to the service/project**	
***Management*: Demonstration of sound and pro-active management practices that are geared towards the achievement of service/products required.**	

EVALUATION ITEM – SPECIFC MEASURES (CHOOSE AS APPROPRIATE)	RATINGS 1-5 (SEE EXPLANATIONS BELOW) AND COMMENTS IF ANY
***SHE Performance*: Compliance with all relevant and necessary CDC SHE policies and guidelines**	
***SMME participation*: Involvement of SMME during project/service delivery as per the contract**	
***Skills and Competency Development*: The ability of the contractor/Service provider to develop their resources through training and development to the benefit of the CDC.**	
Other (Proposal for additional measures)……	
Overall Score (Average of all scores relevant)	
General comments:	

CDC RATING SCALE

RATING	EXPLANATION
5	Exceptional performance beyond all task/job requirements
4	Exceeds expectation of the task/job requirement
3	Consistently meets all task/job expectations and requirements
2	Falls below expected performance on some task/job requirements
1	Falls below expected performance overall

Evaluators name and designation: _____

Signature: _____

C5 ANNEXURE R

PROJECT CONDITIONS ASSESSMENT

public works
& infrastructure
Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

COEGA
DEVELOPMENT CORPORATION

Assessment Report:

Cape Town Various - Purchase and Installation of Generators for Official Residences of Members of the Executive

Document Nº

SEPTEMBER 2025

Rev 8

DOCUMENT INFORMATION SHEET

Title of Report	:	*Conditional Assessment Report for the Cape Town Various - Purchase and Installation of Generators for Official Residences of Members of the Executive*
Report Number	:	*CDC-CTS-REP-001-28*
Prepared by	:	*Xolisa Ncoyo*
Reviewed by	:	*Thulasizwe Nhleko*
Business Unit	:	*Central Technical Support Unit (CTSU)*
Prepared for	:	*NDPWI & CDC*
Date of Issue	:	*September 2025*

TABLE OF CONTENTS

1. INTRODUCTION

This report presents the assessment done on the official residences of members of the South African executive, located in the City of Cape Town, Western Cape. The assessment is done on behalf of the Department of Public Works and Infrastructure.

The assessment is done to establish the needs for backup or standby power generation of each facility. It assesses the condition of any existing backup power. It looks at the electrical infrastructure associated with the main electricity supply of each facility.

The report discusses the current condition of the installation and presents recommended solutions and cost estimate. It, therefore, presents the project scope as per the requirements of the client, DPWI.

2. DEFINITIONS OF TERMS

The following terms in the report are explained as follows, unless otherwise defined:

The Building	Refers to the Official Residences of Members of the Executive that is being discussed.
CDC	Means Coega Development Corporation
City	Means the City of Cape Town municipality
Client	Means Coega Development Corporation
Comply	Means that which meet the specified standards.
Contractor	Means the person, partnership, company or firm appointed for the Contract as defined.
DPWI	Means the Department of Public Works and Infrastructure
Engineer	Means the qualified and registered professional electrical engineer who is employed by the Bidder.
Employer	Means Coega Development Corporation
Suitable	Means capable of fulfilling or having fulfilled the intended function or fit for its intended purpose.
Supply Authority	Means any electrical local utility company, institution or body responsible for delivery of electrical power, such as Eskom or Local Municipality; also known as “Local Supply Authority”
The tenant	The person or persons presently occupying the building.

3. COMPLIANCE WITH REGULATIONS AND STANDARDS

All supplied materials and apparatus shall be new and of the best quality and shall comply with the relevant current specifications of the SANS, BSI or IEC and as stated in this document. The entire installation shall comply with the latest revisions and amendments as at the date of submission, including the following:

- Code of Practice for the Wiring of Premises, SANS 10142, as amended.
- The Occupational Health and Safety Act, as amended.
- The Local Authority By-Laws and Regulations and any regulations of City of Cape Twon.
- The City of Cape Town Fire Office Regulations
- The applicable SANS Specifications and Codes of Practice or the BSI or IEC Specifications and Codes of Practice where no SANS Specifications or Codes of Practice exist.
- The National Building Regulations SANS 10400 as amended.

4. SCOPE OF WORK

The scope of work entails the installation of standby generator facilities for Official Residences of Members of the Executive in Cape Town, and can be split up as follows:

4.1. The design, supply, delivery to site, and installation of backup power supply as required.

4.2. Preparation of the location for the power back-up equipment such as concrete plinth and cabling.

4.3. All electrical work required on the existing distribution board necessary for proper operation, balancing and connection of the power backup supply to the building.

4.4. Safely and neatly securing all cable between backup power supply and the distribution board.

5. SITE INFORMATION

The sites list is made up of 38 ministerial sites that require the backup power supply. These houses consist of estates, flats and free-standing houses.

Most of these sites were visited, but they could not all be visited because of security concerns and the need to have DPWI present for the arrangement of access. However, it was confirmed that the unvisited houses are of similar arrangement and conditions to others visited.

The table below is the list of assessed sites:

LIST OF SITES

1. Walmer Estate, Zonnebloem, Woodstock (x8 houses) Walmer A1, A2, A3, A4, A5, B1, B2, C1
2. Westerford Estate: 61 Klipper Road, Rondebosch (x6 houses) 1 on separate supply 61 Klipper, 61A, 61B, Klippercourt 1,2,3
3. Savernake, 12 Alcis Road, Newlands, Cape Town
4. Duiwelspiek, 9 Ripple Close, Newlands, Cape Town (on the same yard as Savernake);
5. Rygersdal Flats, 44 Grosvenor, Rosebank, Cape Town
6. Rheezicht: 3 Gorge Road, Vredehoek, Cape Town
7. Rheezicht: Cottage to no.5
8. 18 Oak house Kenilworth
9. 25a Oak Road, Kenilworth, Cape Town
10. 21 Valley Road, Kenilworth, Cape Town
11. 21A Valley Road, Kenilworth, Cape Town
12. 11 Rowan Avenue, Kenilworth, Cape Town
13. 2 Bowwood Road, Claremont, Cape Town
14. Outenique, 2 Brier Road, Newlands
15. Separate supply to no.2 Brier Road, Newlands
16. Gydo, 1 Beulah Terrace, Oranjezicht, Cape Town
17. Newlands House Ave La Caille Newlands
18. Shamrock House, Newlands
19. 31 Milnerton Ridge, Milnerton, Cape Town
20. 21 Alamein Street, Milnerton
21. 5 Cotswold Drive Milnerton
22. 4 Dune Road, Milnerton
23. 51 Engina Crescent, Sunset Beach, Cape Town
24. 9 Delaire Street, Van Riebeeckshof, Bellville
25. 18 Welgelegen, Van Riebeckshof
26. 5 Welgelegen, Van Riebeeckshof
27. 45 Landskroon, Van Riebeeckshof, Bellville
28. 15 Welgelegen, Van Riebeeckshof, Bellville
29. 4 Maartbloom Close, Platekloof 2, Cape Town
30. 33 Chardonnay, Oude Westhof, Cape Town
31. Hoogelegen, 51 Herschel Road, Kenilworth, Cape Town
32. 50a Almond, Newlands, Cape Town
33. 1 Alamein Road, Milnerton, Cape Town
34. 33 Norwich Drive, Bishopscourt Cape Town
35. Bordeaux 605/606, 239 Beach Road; Sea Point
36. 19 Ohlsson Way, Newlands, Cape Town
37. Rockyvale, 64 Orchard Street, Newlands

6. CONDITIONAL ASSESSMENT

6.1 Walmer Estate

6.1.1 Site Location

- Walmer Estate, Zonnebloem, Woodstock.
- There are 8 houses: A1, A2, A3, A4, A5, A6, B1, B2

6.1.2 Site Condition

- There are 8 houses located in Walmer Estate which are all supplied from the same main bulk supply.
- There is an existing generator room on site with a 60kVA generator which only caters for security installations, perimeter lighting, security gate and pumps.
- The Estate is supplied from main existing supply of 250A 3-phase from the metering kiosk.

6.1.3 Recommended Repairs

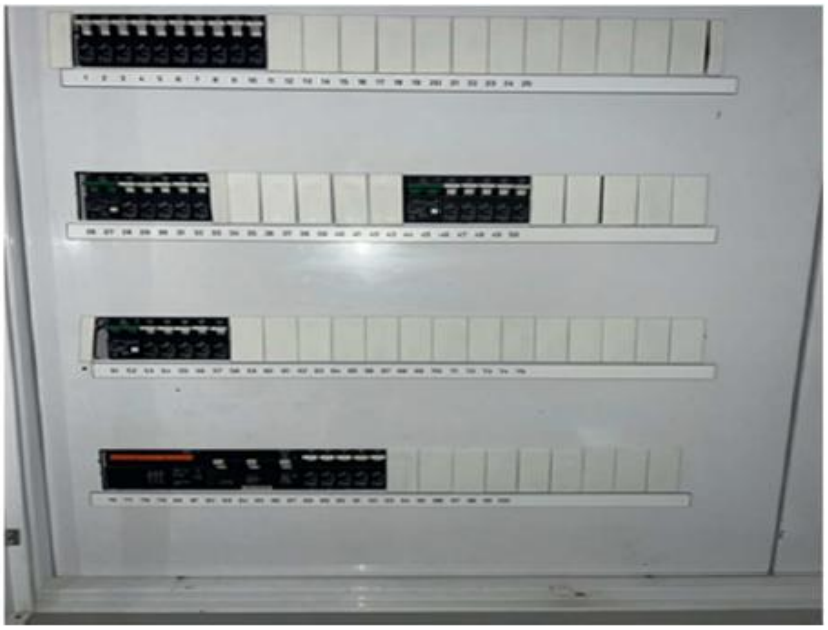
- EPC contractor to produce line diagrams for the connection of the existing generator.
- Upgrade existing generator and rewire to include the entire housing installation on the standby generator.
- The existing 60kVA can be reused at Savernake (12 Alcis Road, Newlands).
- The site requires a 120kVA but the 170kVA generator from Rygersdal Flats can be relocated to this site. The 120kVA estimate is based on 14kVA per standard residential dwelling, which normally receives 60A. Therefore, 8x14kVA = 110kVA. plus, extra 10kVA for gate house, perimeter lighting & security installations. Note that diversity has not even been applied here.
- The EPC contractor must determine building requirement for the generator being moved to this site including checking for ventilation and other infrastructure requirements.
- The canopy shall accommodate the generator set, control panel and change over panel.
- The canopy shall be fitted with sound dampers to limit the noise level from the generator engine to below 75dB.
- The canopy shall be lockable by means of a padlock. The canopy shall be constructed from 3CR12 stainless steel.
- Concrete plinths designs and drawings will be provided by the Contractor in accordance with the generator dimensions
- All excavations, preparations and reinforcing to be inspected by the Engineer prior to pouring of concrete.
- Sleeves shall be cast into the plinths to enable cables to be connected to the generator.
- Minimum characteristic strength of steel reinforcement in MPa are: High yield reinforcing (Y) = 450MPa

- Concrete: blinding class 15/19 Slab class 30/19
- All work shall be in accordance with SABS 1200 G concrete.

6.1.4 Photo Report

Unit A2 Walmer Estate roof profile

Unti A2 incomer from the Electric kiosk



Existing Main Distribution Board in good working Condition for one of the units. No faults were observed during the period of inspection. The AT configuration shall be specified in the Design report at Design stage. The Assessment report has not gone into those details.

6.2 Westerford Estate

6.2.1 Site Location

- Westerford Estate, 61 Klipper Road, Rondebosch
- There are 6 houses in this location, namely 61 Klipper, 61A, 61B, Klippercourt 1,2,3

6.2.2 Site Condition

- The site is supplied from 250A 3-phase main circuit breaker.
- The site does not have existing backup power supply but there is a generator room with a slack cable provided and surge arrestors. The generator room is built already but is requires repairs and cleaning, the roof is leaking hence the ceiling falling apart and the lights are broken.
- The room will also require sound attenuation at louvres and acoustic doors.
- The slack of the cable is provided for generator connection.
- The main supply is 250A x 3-phase in the main distribution board that supplies 6 houses with 60A each and the security supply.
- The main DB is in good condition with surge arrestors installed and the colour orange.
- The estate is a heritage site, but the installation is unlikely to impact the heritage status, since the works shall be inside the existing generator room

6.2.3 Recommended Repairs

- Install a new generator including its onboard change-over.
- Perform rewiring of the existing infrastructure to accommodate the new generator.
- Conduct building works on existing generator room, which are primarily superficial and not structural works.
- Current site conditions are adequate for a replacement generator as the room was designed to house a generator.
- EPC contractor to advise on plinth requirements which will be based on the specific requirements i.e., make and model of the generator.
- The generator will be used in the event of a power outage and therefor a bottom mounted fuel tank will be adequate for the intended function.

6.2.4 Photo Report

Picture 1: Outside of the generator room.
Picture 2: Panel inside generator room, a new ATS will be purchase and configurate on site.
Picture 3: Inside of the generator room showing panel, damaged ceiling and the cable slack on the floor for the generator connection.
Picture 4: Broken ceiling and lamp falling over.

6.3 Savernake

6.3.1 Site Location

There are two properties in the same yard:

- Savernake, 12 Alcis Road, Newlands, Cape Town
- Duiwelspiek, 9 Ripple Close, Newlands, Cape Town

6.3.2 Site Condition

- This location has an existing 150kVA John deer generator. The generator backs up only the security features of the two houses.
- The generator and its canopy are worn out and rusted. Even though it is still in working condition, it appears to be too fragile and is likely to be further damaged during relocation and transporting. Removal and disposal are therefore recommended.
- A new generator is required to provide backup to the entire estate and entire load.
- The estate is a heritage site, but the installation is unlikely to impact the heritage status, since the works shall be limited to generator replacement, underground cabling and wiring.

6.3.3 Recommended Repairs

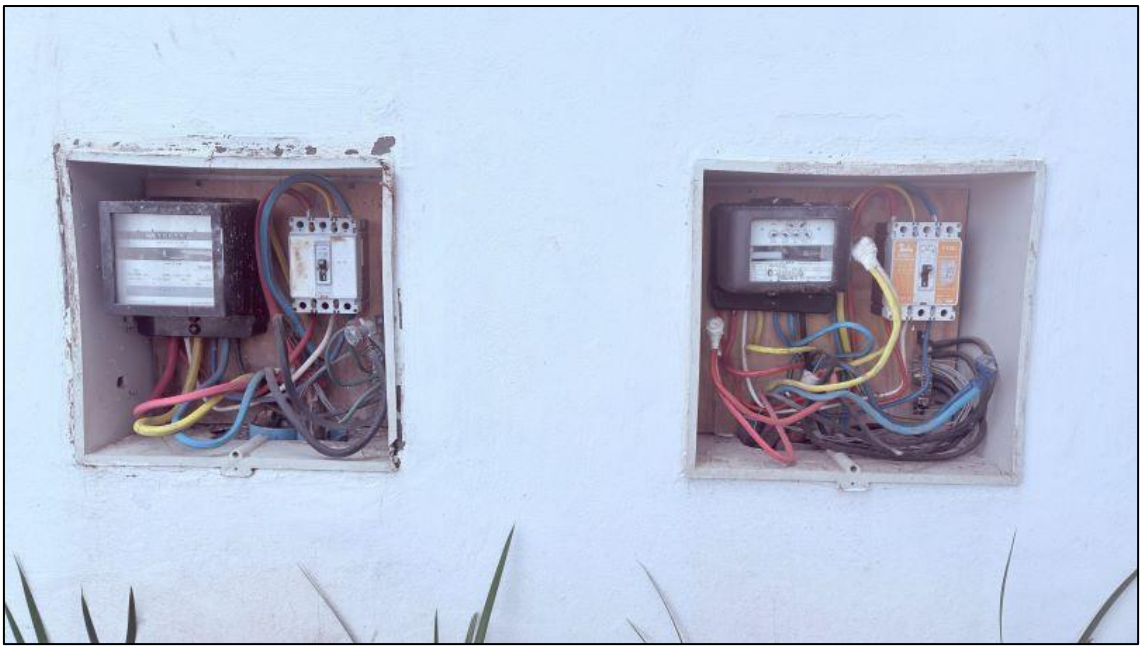
- Relocate the 60kVA from WALMER ESTATE to this site.
- The change-over is local to the new generator.
- The existing generator to be returned to NDPWI for possible scrapping.
- The smaller generator should fit in the existing plinth, but provision has been made for minor plinth works, such as alignment of sleeves. ATS will be local to the generator as they are no generator building.

6.3.4 Photo Report

The existing 150kVA John Deer Generator.

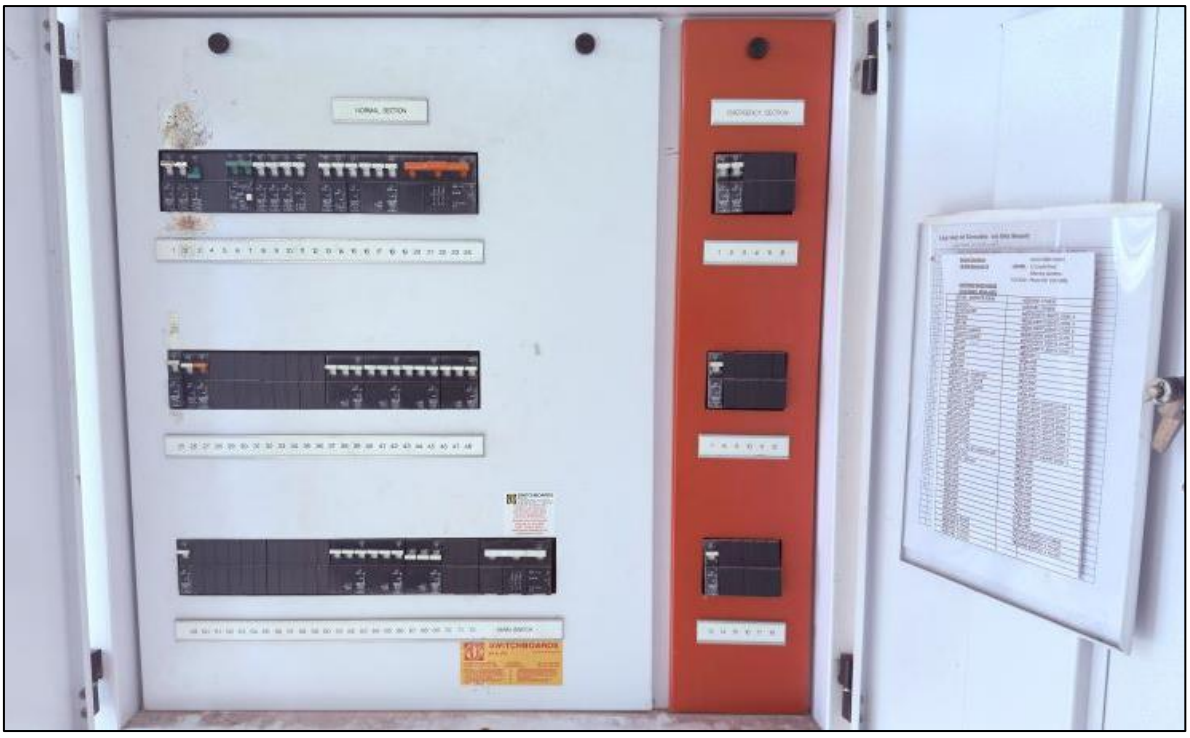
The existing 150kVA John Deer Generator

Local municipal incomer and meter



Two local municipal incomer and meters

A third local municipal incomer and meter



Distribution board in good condition

6.4 Rygersdal Flats

6.4.1 Site Location

- Rygersdal Flats, 44 Grosvenor, Rosebank, Cape Town.

6.4.2 Site Condition

- The entire site is supplied from 400A 3-phase circuit breaker.
- It is currently backed up by a 170kVA generator with 200A ATS (automatic transfer switch) which only caters for security lights, security gate and pumps.
- The new generator shall backup the entire housing complex and load.

6.4.3 Recommended Repairs

- The 170kVA generator shall be relocated together with its tank to Walmer Estate (Zonnebloem, Woodstock). The fuel tank is built in the generator.
- 277kVA (i.e. 400A) is understood to be the connected capacity by the municipality. The 250kVA generator estimated assumes a much lower average consumption, which rarely equals the maximum connected capacity, as well as diversity. The aim was not to provide generation that equals the connected municipal capacity, but to match and exceed the average consumption.
- Upgrade generator to a larger unit with a local ATS and a sound-proof canopy, including rewiring and possible plinth modification works.

6.4.4 Photo Report

Pictures: The site could not be accessed but Google earth images are shown. Generator information obtained from DPWI.

Rygersdal Flats, 44 Grosvenor, Rosebank, Cape Town

6.5 Rheezicht

6.5.1 Site Location

- Rheezicht: 3 Gorge Road, Vredehoek, Cape Town, 8001
- Rheezicht: Cottage to no.5.

6.5.2 Site Condition

- The buildings are free standing homes located within the City of Cape Town.
- The buildings include out buildings such as guest house, garage, security gate house, or servants' quarters.
- The roofs are pitched with attic windows and are not suitable for solar panel installations.

6.5.3 Recommended Repairs

- Install a 3-phase inverter and battery for each house.

6.5.4 Photo Report

Pictures: The site could not be accessed but Google earth images are shown.

6.6 18 Oak House

6.6.1 Site Location

- 18 Oak house Kenilworth, Cape Town.

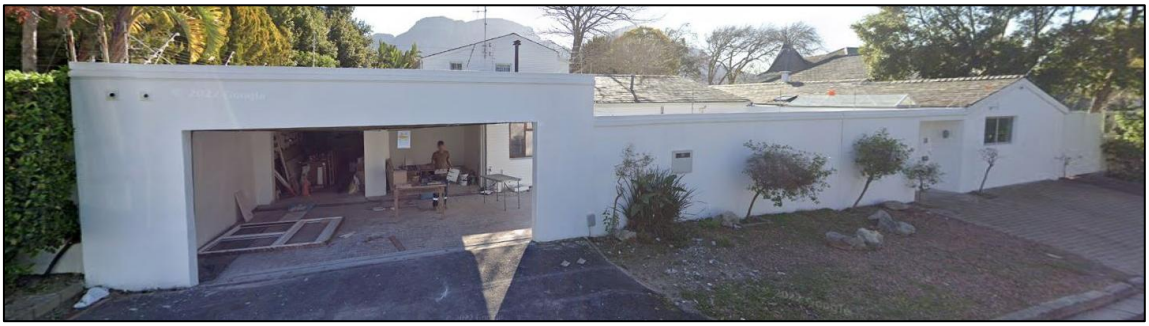
6.6.2 Site Condition

- The building is a free-standing single storey home which includes out buildings.
- It receives power from the City of Cape Town a 3-phase power supply at 60A per phase.
- It has a conventional three-phase meter located on the boundary wall and the main DB inside.

6.6.3 Recommended Repairs

- Install solar panels, a 3-phase inverter and battery.

6.6.4 Photo Report



18 Oak House Kenilworth, Cape Town

Local municipal incomer and meter

Local municipal incomer and meter

6.7 25a Oak House

6.7.1 Site Location

- 25a Oak Road, Kenilworth, Cape Town.

6.7.2 Site Condition

- The building is a free-standing single storey home which includes out buildings.
- It receives from the City of Cape Town a 3-phase power supply at 60A per phase.
- It has a conventional three-phase meter located on the boundary wall and the main DB inside.

6.7.3 Recommended Repairs

- Install solar panels, a 3-phase inverter and battery.

6.7.4 Photo Report

Local municipal incomer and meter

Local municipal incomer and meter

25a Oak Road, Kenilworth, Cape Town

6.8 Valley Road

6.8.1 Site Location

- 21 and 21A Valley Road, Kenilworth, Cape Town

6.8.2 Site Condition

- There are two free-standing single storey houses in this facility.
- The houses receive from the City of Cape Town 3-phase power supply at 60A per phase via a single bulk conventional three-phase meter.
- The meter is located on the boundary wall and the main DBs inside.

6.8.3 Recommended Repairs

- Install solar panels, a 3-phase inverter and battery.

6.8.4 Photo Report

Local municipal incomers and meters

6.9 Rowan Avenue

6.9.1 Site Location

- 11 Rowan Avenue, Kenilworth, Cape Town

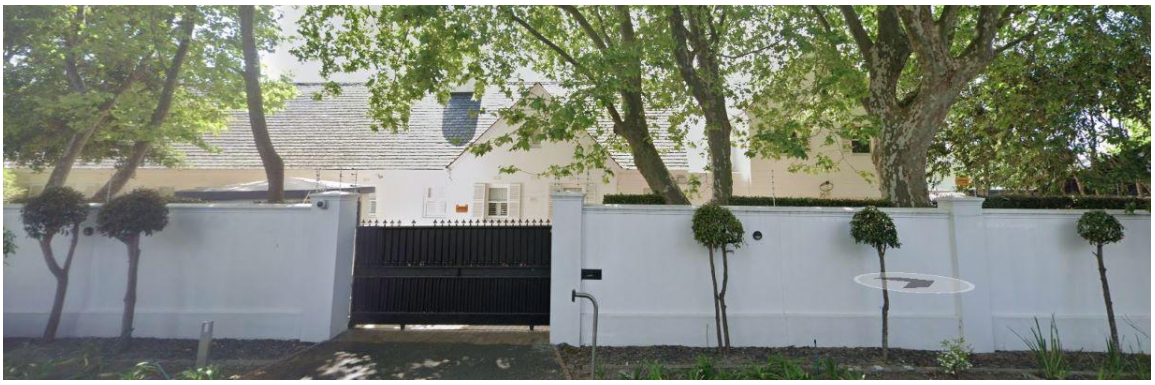
6.9.2 Site Condition

- The building is a free-standing single storey home which includes a security gate house and other outbuildings.
- DPWI confirmed that it a heritage listed building, as a result solar panels might not be possible.
- The house receives from the City of Cape Town a 3-phase power supply at 60A per phase, but the meter box could not be opened.
- It has a conventional three-phase meter located on the boundary wall and the main DB inside.

6.9.3 Recommended Repairs

- Install a 3-phase inverter and battery.

6.9.4 Photo Report



11 Rowan Avenue Kenilworth Cape Town

Local municipal incomer and meter

6.10 Bowwood House

6.10.1 Site Location

- 2 Bowwood Road, Claremont, Cape Town.

6.10.2 Site Condition

- The building is a free-standing single storey home which includes a security gate house.
- The house receives from the City of Cape town a 3-phase power supply via a 100A MCCB.
- The conventional three-phase meter is located on the boundary wall and the main DB inside.

6.10.3 Recommended Repairs

- Install Solar panels, a 3-phase inverter and battery.

6.10.4 Photo Report

2 Bowwood Road, Claremont, Cape Town

Local municipal incomer and meter

6.11 Outenique House

6.11.1 Site Location

- Outenique, 2 Brier Road, Newlands.

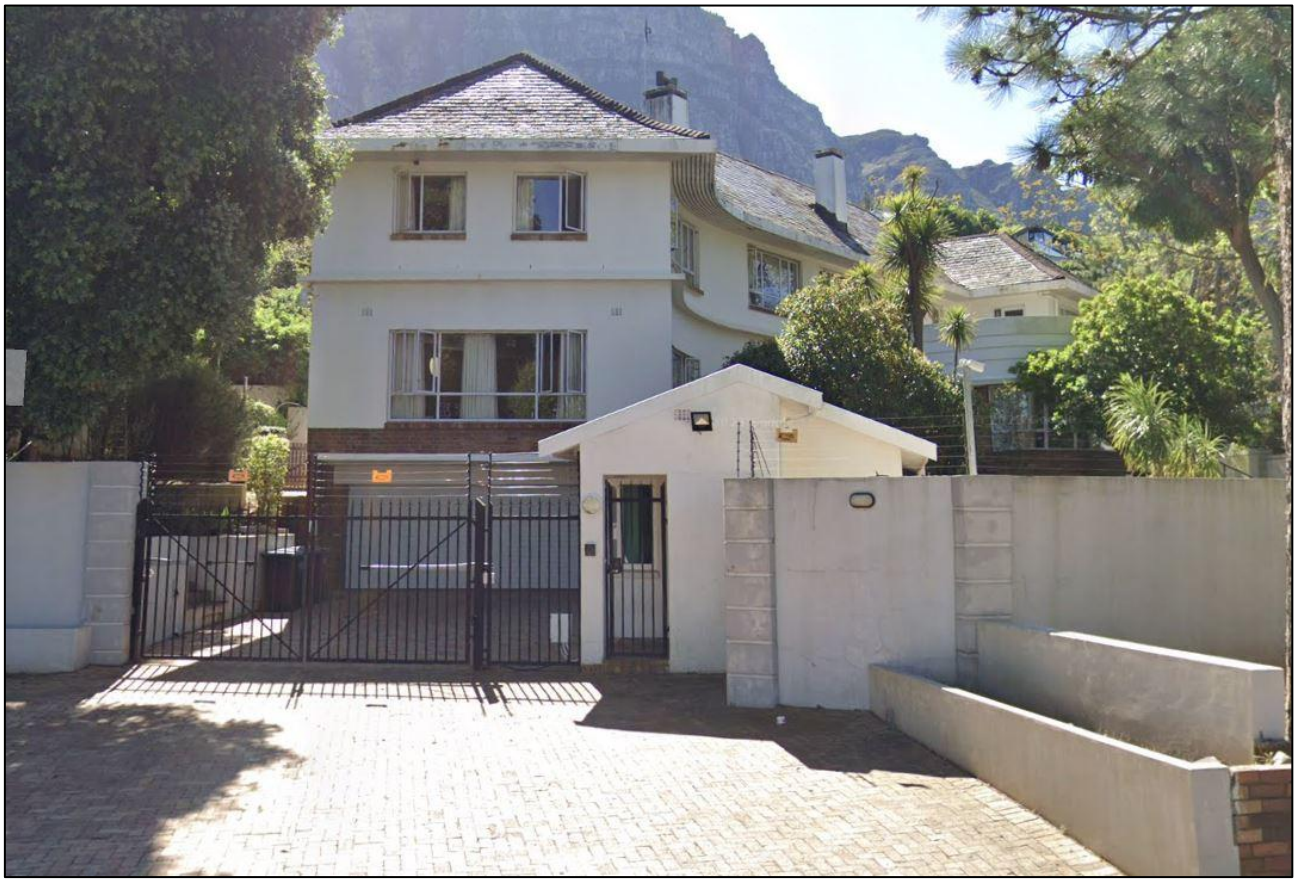
6.11.2 Site Condition

- The building is a free-standing three-storey home with outbuildings.
- It receives from the City of Cape Town a 3-phase power supply at 80A per phase.
- It has a conventional three-phase meter located on the front house wall and the main DB inside. There is a sub-DB in the garage.

6.11.3 Recommended Repairs

- Install solar panels, a 3-phase inverter and battery.

6.11.4 Photo Report



Outenique, 2 Brier Road, Newlands.

Picture: Meter located on house front wall.

Picture: Municipal meter and 80A 3-phase MCB.

Picture: Main DB inside the house

Picture: Sub-DB in the garage

6.12 Newlands House

6.12.1 Site Location

- Newlands House Ave La Caille Newlands.

6.12.2 Site Condition

- The building is a free-standing single storey home with security gate house.
- It receives from the City of Cape Town a 3-phase power supply via a 100A MCCB.
- Th main DB enclosure has a two door panels with a three-phase conventional meter and an the 100A MCCB on one panel, and the main 3-phase DB on the other.

6.12.3 Recommended Repairs

- Install a 3-phase inverter, batteries and rooftop mounted solar panels

6.12.4 Photo Report

Newlands House Ave La Caille Newlands

local municipal incomer and meter

Municipal meter and 80A 3-phase MCB

Distribution Board

6.13 Hoogelegen House

6.13.1 Site Location

- Hoogelegen, 51 Herschel Road, Kenilworth, Cape Town

6.13.2 Site Condition

- The building is a free-standing double storey home with a security gate house and outbuildings.
- It receives two power supplies from the City of Cape Town, with one being a 3-phase power supply at 60A per phase, and the other a single phase 60A supply to the gate house.
- It has a conventional three-phase meter located on the outside house wall and the single-phase meter inside the gate house.

6.13.3 Recommended Repairs

- Install a 3-phase inverter, batteries and solar panels for the main house.
- And another 1-phase inverter and battery for the gate house.

6.13.4 Photo Report

Hoogelegen, 51 Herschel Road, Kenilworth, Cape Town

Distribution Board

Municipal meter and 80a 3-phase MCB


Municipal kiosk

6.14 Alamein Road

6.14.1 Site Location

- 1 Alamein Road, Milnerton, Cape Town.

6.14.2 Site Condition

- The building is a free-standing single storey home with security gate house.
- It receives from the City of Cape Town a 1-phase power supply at 60A 230V.
- It has a conventional single-phase meter and the main DB inside.

6.14.3 Recommended Repairs

- Install a 3-phase inverter, batteries and rooftop mounted solar panels

6.14.4 Photo Report

House,1 Alamein Road, Milnerton, Cape Town

6.15 Almond House

6.15.1 Site Location

- 50a Almond, Newlands, Cape Town.

6.15.2 Site Condition

- The building is a free-standing single storey home with a flat roof.
- It receives from the City of Cape Town a 3-phase 400V power supply at 50A per phase.

6.15.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.
- The mounting structures should be the floating type, suitable for flat roofs.

6.15.4 Photo Report

Distribution Board located in the Kitchen area and is in a good condition

6.16 Gydo, 1 Beulah Terrace

6.16.1 Site Location

- Gydo, 1 Beulah Terrace, Oranjezicht, Cape Town.

6.16.2 Site Condition

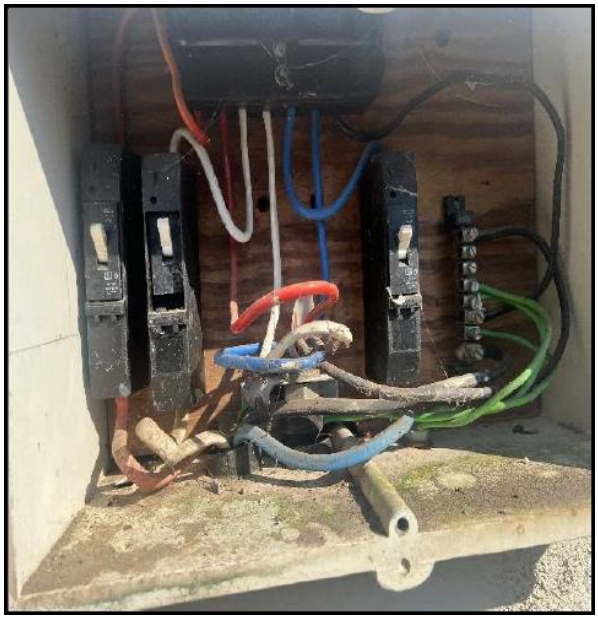
- The Contract to solicit the approval of a structural engineer prior to the installation of the solar panels.
- The building is a free standing that has 2 storeys above ground and an additional storey below natural ground level due to being built on a slopped plot. The roof is pitched from multiple directions forming hips and valleys with some sides of the roof fully exposed to the sun at certain times of a day. During our visit a plastic tarp could be observed on the roof and upon enquiry from the housekeeper, we were advised that the roof has leak on the Southwestern section.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 80 A per phase.

6.16.3 Recommended Repairs

- Install a 3-phase inverter plus battery and rooftop mounted solar panel.

6.16.4 Photo Report

Gydo, 1 Beulah Terrace, Oranjezicht, Cape Town



Municipal supply

Distribution Board

6.17 Shamrock House

6.17.1 Site Location

- Shamrock House, Newlands.

6.17.2 Site Condition

- The building is a double storey building located on a hill where the site was cut to accommodate the structure. The Distribution board has indication of UPS provision however the CDC could not locate the UPS. Further investigation on the UPS system will have to made with the assistance of the contractor during the design stage. The house is easterly facing however due to the slope of topography the roof structure could not be observed which necessitated the use of Google Earth
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 80A per phase.

6.17.3 Recommended Repairs

- The contractor to solicit the approval of a structural engineer prior to the installation of the solar panels.
- Install a 3-phase inverter plus battery and solar panels.
- The mounting structures should be suitable for hipped roof as observed on the property.

6.17.4 Photo Report

Shamrock house roof profile.

Shamrock House, Newlands

Distribution Board

6.18 31 Milnerton Ridge

6.18.1 Site Location

- 31 Milnerton Ridge, Milnerton, Cape Town.

6.18.2 Site Condition

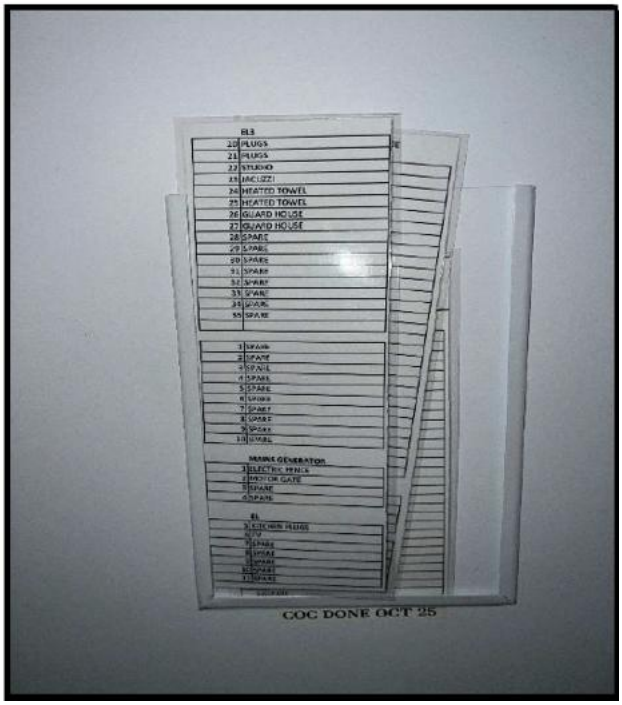
- The building is a 2 storey with a security gate and a SAPS guardhouse. The house has hipped roofing structure and the Distribution board is in good condition and the roof structure is sound with visible defect or report of leaks.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 60A per phase.

6.18.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.

6.18.4 Photo Report

Distribution Board



Maintenance Board

Municipal incomer

31 Milnerton Ridge, Milnerton, Cape Town

6.19 5 Cotsworld Drive

6.19.1 Site Location

- 5 Cotswold Drive Milnerton.

6.19.2 Site Condition

- The building is a 3 storey with a security gate and a SAPS guardhouse. The house is South facing and has hipped roofing structure. The Distribution board is in good condition and the roof structure is sound with visible defect or report of leaks.
- The City of Cape Town incomer could not be located on site; however, the Distribution board main switch is a 60 A breaker 3- phase.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 60 A per phase.

6.19.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.

6.19.4 Photo Report

5 Cotswold Drive Milnerton

Main Distribution Board

6.20 4 Dune Road

6.20.1 Site Location

- 4 Dune Road, Milnerton.

6.20.2 Site Condition

- The building is a 2-storey heritage building with an outbuild and a SAPS guardhouse. The Distribution board that the CDC was able to locate is situated on the first floor. It can be assumed that the main Distribution board is located on the ground floor. It must be noted that the Distribution board is old and must be updated to obtain a COC for the backup power installation,
- The City of Cape Town incomer could not be located on site; however, the distribution board main switch is a 60 A breaker 3- phase.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 60 A per phase.

6.20.3 Recommended Repairs

- Install a 3-phase inverter plus battery no solar due to the Heritage status of the property.

6.20.4 Photo Report

Main switch

Automatic time switch

4 Dune Road Milnerton house

6.21 51 Engina Crescent

6.21.1 Site Location

- 51 Engina Crescent, Sunset Beach, Cape Town.

6.21.2 Site Condition

- The building is a 2 storey with a security gate and a SAPS guardhouse. The house is South facing and has hipped roofing structure. The Distribution board is in good condition and the roof structure is sound with no visible defect or report of leaks.
- The is evidence of Solar water heating system from the roof for heating the pool.
- The City of Cape Town incomer could not be located on site; however, the Distribution board main switch is a 60 A breaker 3- phase.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 60 A per phase.

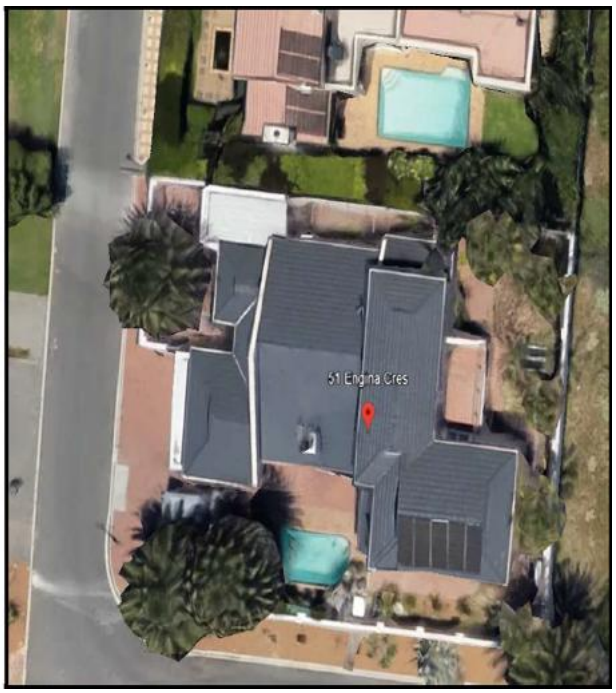
6.21.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels

6.21.4 Photo Report

Distribution Board

Municipal supply



51 Engina Crescent, Sunset Beach, Cape Town

6.22 9 Delaire Street

6.22.1 Site Location

- 9 Delaire Street, Van Riebeeckshof, Bellville.

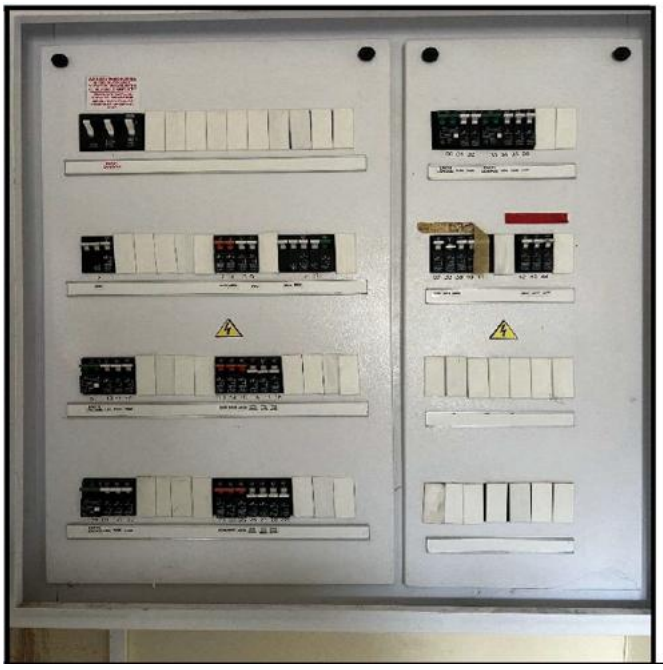
6.22.2 Site Condition

- The building is a 2 storey with a security gate and a SAPS guardhouse. The house is South facing and has hipped roofing structure. The Distribution board is in good condition and the roof structure is sound with visible defect or report of leaks.
- The City of Cape Town incomer could not be located on site; however, the Distribution board main switch is a 60 A breaker 3- phase.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 60 A per phase.

6.22.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.

6.22.4 Photo Report



Distribution Board

9 Delaire Street, Van Riebeeckshof, Bellville

9

Delaire Street, Van Riebeeckshof, Bellville.

6.23 18 Welgelegen

6.23.1 Site Location

- Welgelegen, Van Riebeckshof 18.

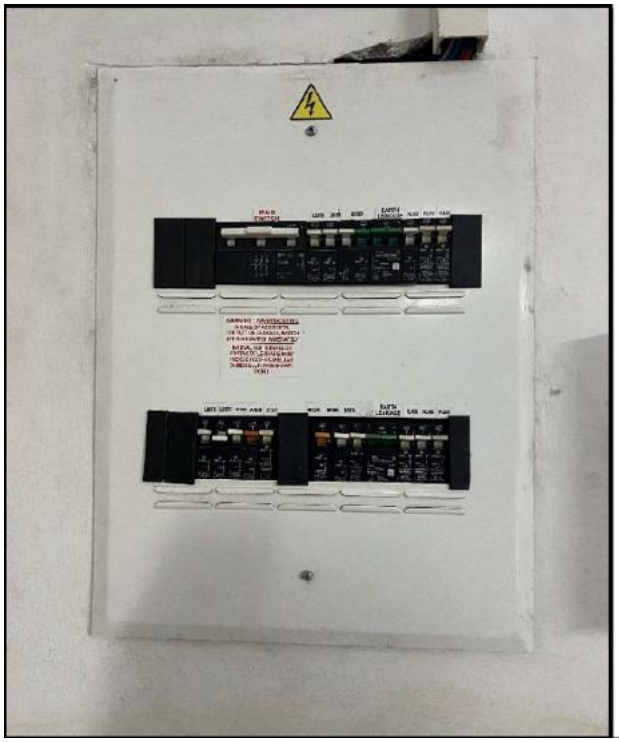
6.23.2 Site Condition

- The building is a 2 storey with a security gate and a SAPS guardhouse. The distribution board is in good condition and the roof structure is sound with visible defect or report of leaks.
- The City of Cape Town incomer was located on site; however, the Distribution board main switch is a 60 A breaker 3- phase.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 60 A per phase.

6.23.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.

6.23.4 Photo Report



Distribution Board

Municipal incomer

6.24 5 Welgelegen

6.24.1 Site Location

- 5 Welgelegen, Van Riebeeckshof.

6.24.2 Site Condition

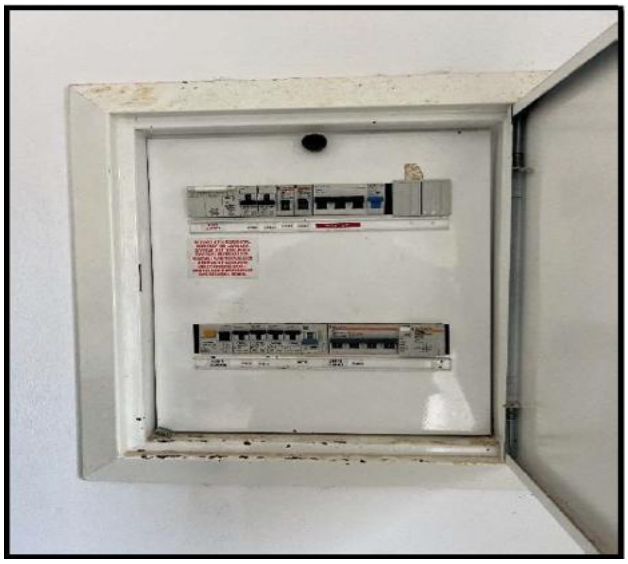
- The building is a 2 storey with a security gate and a SAPS guardhouse. The distribution board is in good condition apart from the visible surface rust and the roof structure is sound with visible defect or report of leaks.
- The City of Cape Town incomer could not be located on site; however, the Distribution board main switch is a 60 A breaker 3- phase.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 60 A per phase.

6.24.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.

6.24.4 Photo Report

5 Welgelegen, Van Riebeeckshof.



Distribution board

Distribution Board

6.25 45 Landskroon

6.25.1 Site Location

- 45 Landskroon, Van Riebeeckshof, Bellville.

6.25.2 Site Condition

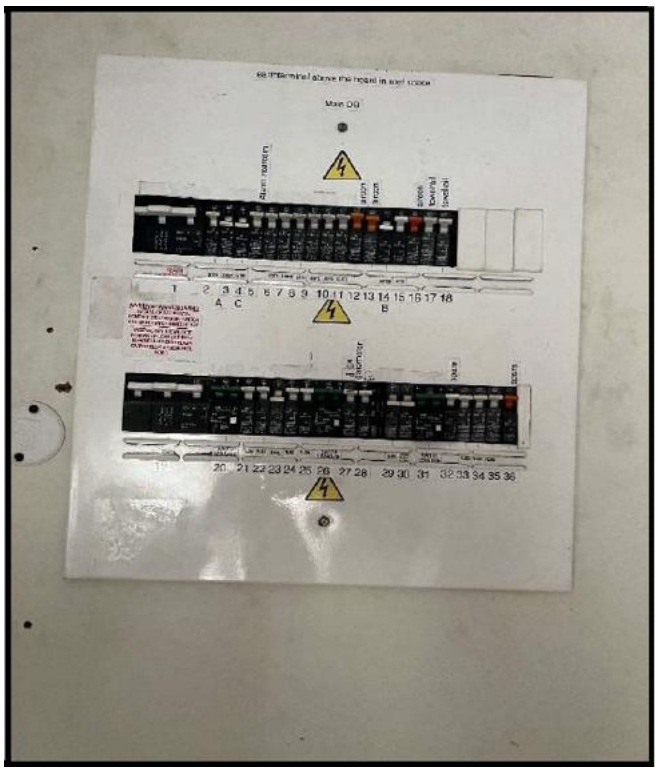
- The building is a 2 storey with a security gate and a SAPS guardhouse. The distribution board is in good condition and the roof structure is sound with visible defect or report of leaks.
- There is solar heating provision on the roof of the ground floor which is installed on the Eastern side of the of roof. It was not clear if the heating provision if for the pool or not, however it is important note that there an installation on the roof.
- The City of Cape Town incomer could be located, and the Distribution board main switch is a 50 A breaker 3- phase.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 50 A per phase.

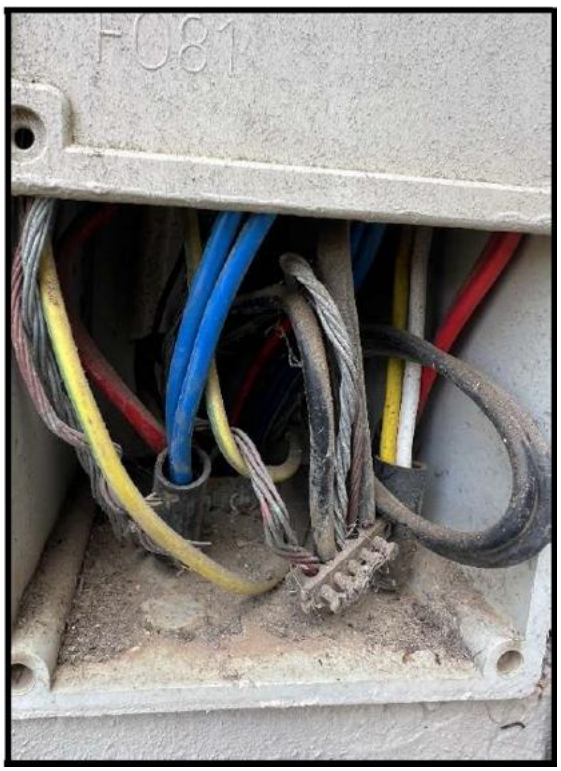
6.25.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels

6.25.4 Photo Report

45 Landskroon, Van Riebeeckshof, Bellville





Distribution Board Municipal supply

6.26 15 Welgelegen

6.26.1 Site Location

- 15 Welgelegen, Van Riebeeckshof, Bellville.

6.26.2 Site Condition

- The building is a 2 storey with a security gate and a SAPS guardhouse. The Distribution board is in good condition and the roof structure is sound with no visible defect or report of leaks.
- The house Distribution board could not be located due to lack of access, however based on the DPWI information and the power supply within other DPWI properties it is safe to assume that the Distribution board is in a good position.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 60 A per phase.

6.26.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.

6.26.4 Photo Report

15 Welgelegen, Van Riebeeckshof, Bellville

6.27 4 Maartbloom Close

6.27.1 Site Location

- 4 Maartbloom Close, Platekloof 2, Cape Town.

6.27.2 Site Condition

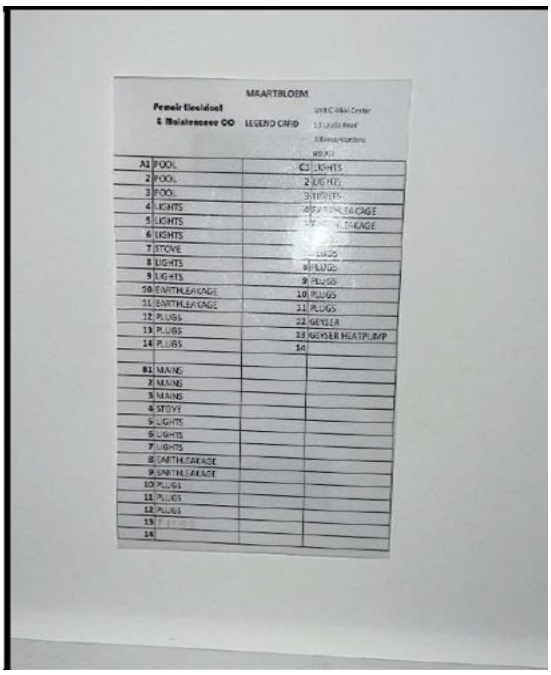
- The building is a 2 storey with a security gate and a SAPS guardhouse. The Distribution board is in good condition and the roof structure is sound with no visible defect or report of leaks.
- The house Distribution board is a in good condition
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 80 A per phase.

6.27.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.
- The mounting structure should be surface type, suitable for roof structure as observed on the property

6.27.4 Photo Report

4 Maartbloom Close, Platekloof 2, Cape Town



Distribution board and maintenance labelling list

6.28 Terrace

6.28.1 Site Location

- 33 Chardonnay, Oude Westhof, Cape Town.

6.28.2 Site Condition

- The building is a 2 storey with a security gate and a SAPS guardhouse. Only the Sub-distribution board 1 could be observed on the day of inspection and is in good condition and the roof structure is sound with no visible defect or report of leaks. It is assumed that there is a main Distribution board in the property. The contractor would have to locate the main DB prior to the designs of the backup proposals.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 80 A per phase.

6.28.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.

6.28.4 Photo Report

33 Chardonnay, Oude Westhof, Cape Town

Distribution Board

6.29 Norwich drive

6.29.1 Site Location

- 33 Norwich Drive, Bishopscourt, Cape Town.

6.29.2 Site Condition

- The facility consists of the following:
  - a single storey house with a large three-phase DB;
  - a detached garage with a servant's quarters with a small single-phase DB;
  - a security guardhouse with a small single-phase DB;
  - A security gate, postop lights and other external lighting.
- The distribution boards are in good condition.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply at 50 A per phase. A conventional meter is located outside the boundary fence.
- The roof is Chromodec sheets. The roof structure is sound with no visible defects or reported leaks.
- There is no space inside to position the inverter and battery. These might be placed outside the kitchen wall and provision should be made for containing these units.

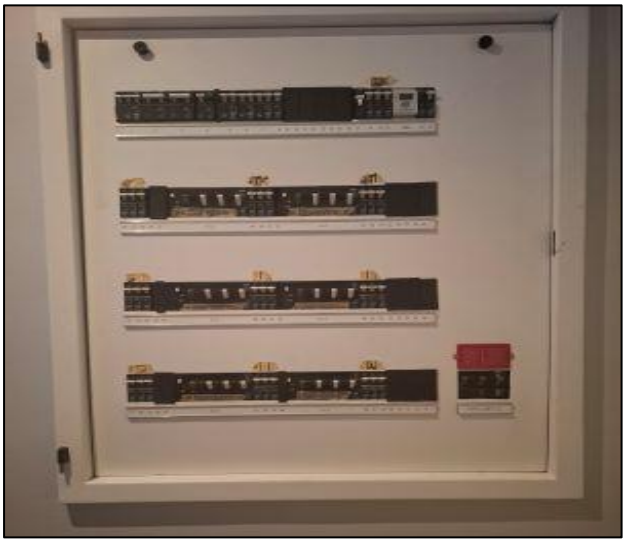
6.29.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.

6.29.4 Photo Report

Picture showing the main house and the detached garage.

Three-phase municipal meter box.



Main DB in the kitchen.

Garage sub-DB.

Guardhouse sub-DB

6.30 Bordeaux 605/606

6.30.1 Site Location

- Bordeaux, Unit 605/606, 239 Beach Road; Sea Point.

6.30.2 Site Condition

- The facility consists of two units located in a block of flats.
- The distribution boards are in good condition.
- The flats are supplied by the City of Cape Town with a 3-phase 400V electricity supply, with each unit receiving a single-phase supply.

6.30.3 Recommended Repairs

- Install a single-phase inverter plus battery.

6.30.4 Photo Report

The front view of Bordeaux Flats

Main distribution board in good condition.

Inside of distribution board.

6.31 19 Ohlsson Way

6.31.1 Site Location

- 19 Ohlsson Way, Newlands, Cape Town, Cape Town.

6.31.2 Site Condition

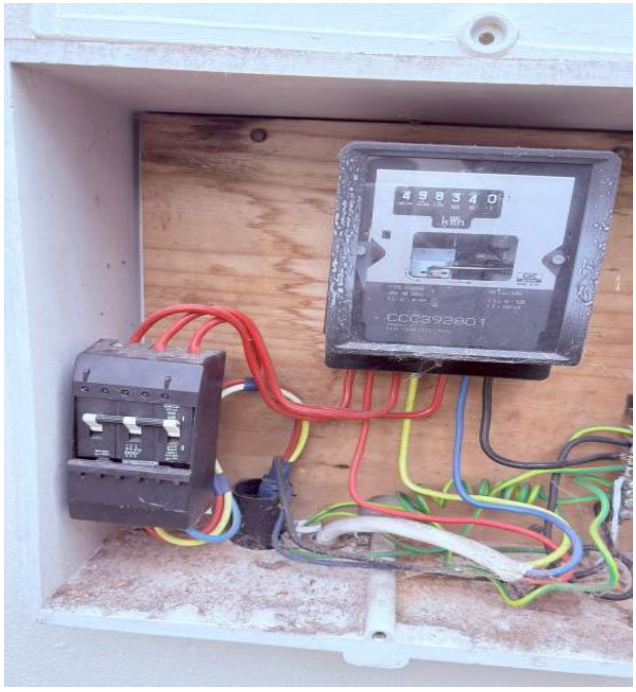
- The facility consists of the following:
  - a single storey house with a 3-phase DB;
  - a detached garage with a servant's quarters with a small 1-phase DB;
  - a security guardhouse with a small 1-phase DB;
- The distribution boards are in good condition.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply. A conventional meter is located outside wall.
- A pitched tiled roof, with roof structures in sound condition with no visible defects or reported leaks.

6.31.3 Recommended Repairs

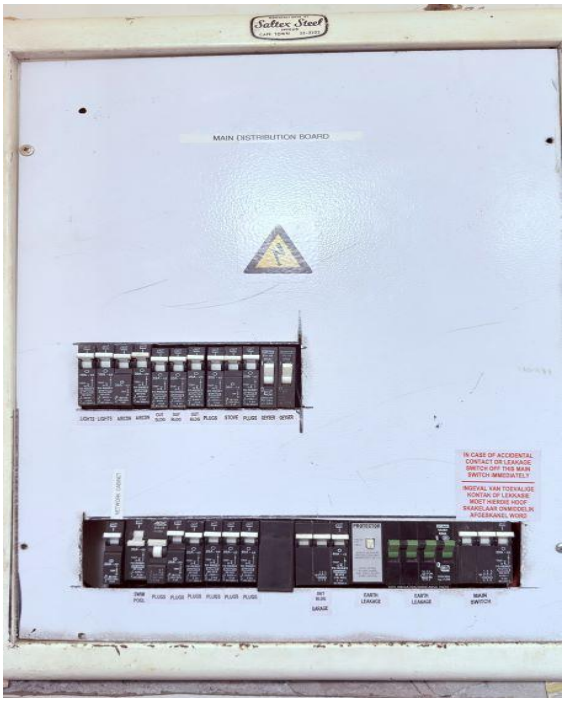
- Install a 3-phase inverter plus battery and solar panels.

6.31.4 Photo Report

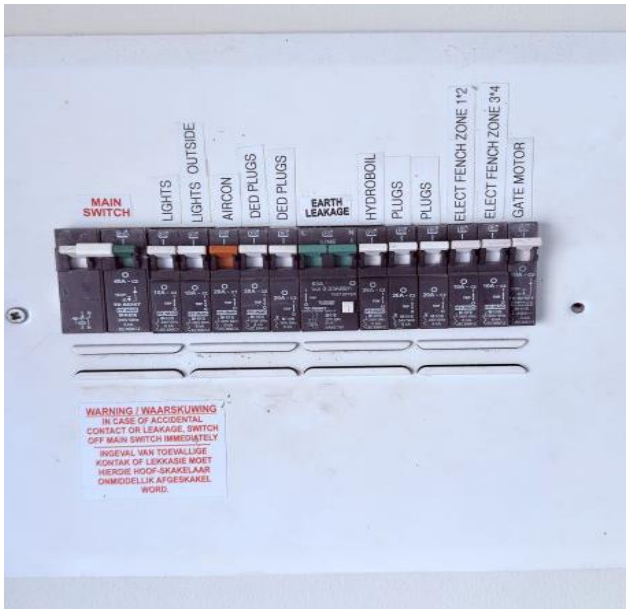
The front view of the house showing garage and gate house on the far right.



A 3-phase supply and conventional meter.



The main 3-phase DB in coond condition



The 1-phase sub-DB in the gate house.

6.32 Rockyvale

6.32.1 Site Location

- Rockyvale, 64 Orchard Street, Newlands.

6.32.2 Site Condition

- The facility consists of a three-storey house with a 3-phase supply.
- The facility is unoccupied, vandalised and damaged.
- The house is supplied by the City of Cape Town with a 3-phase 400V electricity supply.
- A pitched tiled roof, with roof structures in poor condition.

6.32.3 Recommended Repairs

- Install a 3-phase inverter plus battery and solar panels.
- The installation will have to be planned to coincide with the house repairs.

6.32.4 Photo Report

The front view of the house showing an unoccupied and dilapidated structure.


The inside of the house shows the extent of the ruins with damaged ceilings and floors.

The electrical infrastructure, showing a kiosk and distribution board.

7. PROPOSED SCOPE OF WORKS

Referring to the Procurement Instructions (PI) that was received from the DPWI and based on the observed condition of the various residences, the proposed scope of work will primarily be electrical with some builder's work. The proposed scope will cover, Design, Supply, Delivery, Installation, Relocation, Testing & Commissioning and maintenance of the proposed backup power systems for a period of 12 months.

The proposed backup power scope of works is as follows but not limited to:

(a) Design of the various backup power systems which included renewable energy systems such as solar panels (depending on the heritage status of the residence and suitability of the roof) supported by inverters and batteries.
(b) Supply of all required components such as terminations, routing sleeves and cabling along with other components which will facilitate the installation.
(c) Delivery of the backup power system will be at the various residences earmarked for the project.
(d) Installation of the various backup power systems to the required specifications and Design also ensures that the existing infrastructure such a Distribution Boards in left in good working order.
(e) Relocation of underpowered generators to other properties that can accommodate the power output of the existing generator.
(f) Building and civil works to generator rooms, plinths, sleeves, including provision of ventilation rooms and noise control measures where required.
(g) Only built-in fuel tanks which come fitted in the generator shall be used.
(h) Testing & Commissioning of all installations and the provision of certification upon completion of the work.

8. PROJECT EXECUTION PLAN

This project was identified by the DPWI as a Turn-key project which will require the designs to the be carried out by the appointed Turn-key contractor. The Project Execution Plan will be a two (2) pronged approach will adopt a Request for Proposal (RFP) approach and a Request for Quotations (RFQ) approach. During the conditions assessment and high-level costing of the project.

All backup power systems that were below the Treasury limit for a RFQ procurement process which is R1,000,000-00 would be procured individually. This will benefit the project in terms of the appointment of the turn-key contractor to execute the designs and ultimately the installation and commissioning. The backup power systems that are estimated to cost more than R 1,000,000-00 will be procured on RFP process. These will primarily be the generators which will include the relocation of the existing under powered generators.

It is expected that all design proposals be submitted to the DPWI Sketch Plan Committee for approval prior to the implementation of the project.

9. ENVIRONMENTAL / HERITAGE

There are properties/ residences which are identified as Grade II building (building that has historic and/or architectural significance and is subject to regulations which protect its unique character) which the project should uphold their heritage status. The proposed backup power systems include the installation of solar panels, inverters and batteries which will not be possible of these Grade II heritage properties.

The properties will be taken into consideration to ensure that their heritage value is kept intact by ensuring the proposed backup powers systems do not negatively impact on the properties. They will be monitored during the design phase of the project as well.

It also important to note that the residencies are occupied, and careful consideration is to be taken during and site visits and execution of the works.

10. PLANNED & UNPLANNED MAINTENANCE

The proposed backup power systems will be maintained by the appointed contractor for a period of twelve (12) months. This period will include statutory maintenance requirements which would be planned maintenance and unplanned maintenance (emergency breakdowns). All installed assets will be included in the DPWI asset register.

On expiration of the twelve (12) month period, the contractor will hand over all backup power installations to the DPWI and the facilities management contractor to maintain from that point going forward. The generator will be fuelled by the DPWI not the contractor when the fuel is depleted.

11. PROJECT RISKS

The CDC has identified potential risks which need to be carefully managed in order to reduce the impact on the project should they occur.

1.1	RISK DESCRIPTION	1.2	OWNER
1.3	State Security Agency Clearence for the appointed Turn-key contractor	1.4	DPWI
1.5	Contractors working in Executive residences while the property is fully occupied	1.6	CDC
1.7	Downtime on electrical supply during connections of backup power systems	1.8	CDC
1.9	Monitoring and supervision of works in all the properties	1.10	CDC
1.11	Heritage properties and ensuring that the heritage value is maintained	1.12	CDC

12. RECOMMENDATIONS

(a) **Installation of Generator:** Installation of new full load, built in fuel tank generators which have a running cost implication that will impact the DPWI operational budget upon completion of the project. These shall include constructions of plinths, provision of additional ventilation and building works where required.

(b) **Relocation of existing Generator:** Generator that are deemed to be underpowered for the properties they are currently installed at. This is due to the backup generator only providing power to essential areas and infrastructure only. The required backup power should power all electrical requirements of the property during power outages. These shall include constructions of plinths, provision of additional ventilation and building works where required.

(c) **Photovoltaic Power Systems:** Roof mounted solar panels with inverters and battery systems which would be able to sustain all the properties power requirement during power outages. All roof structures to receive solar panels should be subject to structural engineer approval which should be provided by the EPC contractor.

(d) **UPS:** Grid powered battery storage system which will be able to sustain all the properties power requirement during power outages.

C6 ANNEXURE S

STATE SECURITY CLEARANCE REQUIREMENTS

ALL COMPANY SCREENING REQUEST MUST BE ACCOMPANIED BY THE FOLLOWING CERTIFIED DOCUMENTS:

1. SHORT COMPANY PROFILE
2. CERTIFIED COPIES OF: DIRECTORS, SHAREHOLDERS, TRUSTEES,
3. SOLE PROPRIETOR OR ID DOCUMENTS **(only what is applicable to the type of entity)**
4. STAFF ID **(must come with company letterhead, stating who they are, where they going to work, who they contracted by and the name and id no's of the applicants and their certified copies (x2)(1x ssa/nia, 1x permit office)**
5. SARS TAX CLEARENCE CERTIFICATE **(valid one)**
6. STAFF COMPLIMENT **(basically who is doing what in the company (e.g. 2x machine operators, 1x cleaner))**
7. CK1/CM29
8. BANKING DETAILS
9. AUDITORS DETAILS /ACCOUNTING FIRM
10. TRADE REFERENCE **(previous work done)**
11. HEALTH INSPECTOR'S CERTIFICATE **(applicable to food companies)**
12. PSIRA CERTIFICATE **(security companies)**
13. BEE COMPLIANCE **(optional)**
14. CIDB CERTIFICATE **(construction companies)**
15. REQUEST LETTERS / CONTRACT GUARENTEES
16. COPY OF CONTRACT RECEIVED (**If tender is approved)**
17. REQUESTING LETTER OF SERVICE PROVIDER **(PWD, TEFLA, or if sub-contracting, from the MAIN contracting company)**

CONTACT PERSONS AT

PERMIT OFFICE PARLIAMENT: **W/O E.M. VAN NIEKERK**
W/O S. CHAMSEDDINE
SGT E. BLOM

CONTACT NO: **021 403 3556/7**

STATE SECURITY AGENCY checklist

Company Profile		Banking details	
Director's ID		Auditors details	
Staff ID(no 4 above)		Trade reference	
Sars tax		Health	
Staff Compliment		PSIRA	
CK1 / CM 29		CIDB	
Request letter		BEE certificate	