USER CLIENT | EMPLOYER | ENGINEER

correctional services
Department:
Correctional Services
REPUBLIC OF SOUTH AFRICA

TENDER NO: DCS05ECAN002/WP1/C3

PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE

October 2022

Important note:

No pages may be removed from this document. Tenderers are obliged to return the tender document in full, plus all the additional supporting documents required in terms of this tender document, failing which the prospective Tenderer will be removed from contention.

ISSUED BY:

THE INDEPENDENT DEVELOPMENT TRUST
PALM SQUARE BUSINESS PARK
BONZA BAY ROAD,
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PREPARED BY:

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PORT ELIZABETH
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Tenderer Name: .. . .

CIDB Registration Number: . . . . . .**CIDB Grade** . . . . . .

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THE TENDER

PART T1 – TENDERING PROCEDURES

T1.1 – TENDER NOTICE AND INVITATION TO TENDER

T1.1 - Tender Notice and Invitation to Tender

On behalf of the Department of Correctional Services, the Independent Development Trust (IDT), EC, invites tenders for the **SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY, EC.**

The scope of work relates to the completion of outstanding works from the previous contractor.

Only tenders, who complies with the local content threshold stipulated and who have a CIDB contractor grading of Grade 8EB (Electrical Building) or higher and who have suitably qualified and experienced construction manager, who will be the single-point of accountability and responsibility for the management of the construction works, and who is a fully registered (Construction Manager/Construction Project Manager) member with the SACPCMP, will be considered. Compliance with the declaration of local content is compulsory.

The evaluation of the tender will be carried out in three (3) phases;

PHASE ONE: MANDATORY REQUIREMENTS/DOCUMENTATION

Only Tenderers who satisfy the following eligibility criteria are eligible to submit tenders:

(Failure to comply with the criteria stated hereunder shall result in the tender offer being disqualified from further consideration. Use of correction fluid is prohibited.) Tender offer must be properly received on the tender closing date and time specified on the invitation, fully completed and signed in black ink, (All as per Standard Conditions of Tender).

1. Fully & duly completed and signed Invitation to BID, Part A and B (SBD1). All blank spaces must be completed. Bidders to indicate items that are not applicable)
2. Fully & duly completed Bidders Disclosure (SBD 4). All blank spaces must be completed. Bidders to indicate items that are not applicable.
3. Fully & duly completed and signed Preference Points Claim Forms in terms of PPPFA, Procurement Regulations 2017 (SBD 6.1). All blank spaces must be completed. Bidders to indicate items that are not applicable.
4. Fully & duly completed and signed declaration of Local Content form (SBD 6.2) including all the annexures C, D & E. Bidders must return Annexure C. Annexure D & E to be kept by the bidder for verification upon appointment. All blank spaces must be completed. Bidders to indicate items that are not applicable
5. Valid CSD registration summary report printed from CSD website with supplier number.
6. Proof of authority to sign the document must be submitted on company letterhead e.g. company resolution
7. Valid and active CIDB Grading Certificate of Grade 8EB or Higher. Joint Ventures (JV) to submit consolidated CIDB Grading
8. Submission of Notarised JV Agreement/Contract signed by all parties (legal entity or consortium/joint venture), authorising a dedicated person(s) to sign documents on behalf of the firm/ joint venture / consortium (If applicable)
9. Contractor's Certified Copy of Registration of Incorporation or Company Registration Documents (CIPC)

10. Valid Letter of Good Standing (Workman's Compensation, COIDA) or FEM Letter of Good Standing. If Joint Ventures (JV), all partners must submit.
11. Acknowledgment of Addenda to the tender document
12. Signed confidentiality declaration
13. Certified proof of Registration of the tendering entity with Private Security Industry Regulatory Authority (PSIRA)
14. Bidder to provide certified proof of professional registration of the lead project contracts manager as Pr. Construction Manager or Pr. Construction Project Manager with SACPCMP.
15. Fully completed and signed Form of Offer (in black ink). All blank spaces must be completed
16. Fully & Duly Completed Detailed Bill of Quantity (BoQ), written In Black Ink.
17. Subcontracting commitment of a minimum of 30% of the value of the contract to an Electrical and / or Electronic EME or QSE in the built Environment with at least 51% ownership by black people.
18. Commitment of a minimum 1% of the value of the contract to a Contract Skills Development Goal (CSDG)
19. Attendance of compulsory tender briefing meeting and signing of the attendance register

In addition, bidders who fall under the following criterial will result in direct disqualification of the bid:

i) If any of the Directors are in the Employment of the State shall result in disqualification of the bid.
ii) The Tenderer or any of its directors/ partners/ members/ principals are listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004): Tenderer to provide a sworn affidavit confirming that they are not listed as a tender defaulter in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
iii) In the case of a Bidder, who during the last ten (10) years has been Terminated on Previous Contracts with the IDT shall result in disqualification of the bid.

A submission of the tender by the Tenderer in response to this invitation will be deemed to be acceptance of the IDT's Standard Conditions of Tender as contained in the CIDB Standard for Uniformity in Construction Procurement (2015) as published in Government Gazette No 38960, Board Notice 136 Government Gazette of 10 July 2015 (see www.cidb.org.za) as amended on August 2019.

PHASE TWO: FUNCTIONALITY CRITERIA

The functionality criteria and maximum score in respect of each of the criteria are as follows:

Criteria	Points Allocation
1. Experience on similar projects	30
2. Client References	10
3. Qualification, Experience and Competencies of key staff	30
4. Safety, Health, Environment and Quality Resources	10
5. Financial Standing and Rating	20
TOTAL	**100**

PHASE THREE: PREFERENTIAL POINT SYSTEM

Only competent tenders who have reached or exceeded the minimum functionality threshold of 70% (70 points) will be evaluated on a 90/10 (Price / B-BBEE) points basis in terms of the Preferential Procurement Policy Framework Act of 2017.

In order to claim and be awarded B-BBEE points bidders must submit an original or an original certified copy of B-BBEE certificate issued by a SANAS accredited agency or an Original Sworn Affidavit signed by a Commissioner of Oaths (see criteria below) (Note - An incomplete sworn affidavit will not be acceptable and will not be awarded any points). In cases of a Joint Venture, an original consolidated B-BBEE certificate issued by SANAS accredited verification agency will be accepted.

B-BBEE Status Level of Contributor	Points Allocation
1	10
2	9
3	6
4	5
5	4
6	3
7	2
8	1
Non-Contributor	0

STAGE OF AWARD

The following returnable documents shall be submitted together with the tender documents. Validity of this documentation will be verified at the time of award.

1. Proof of Central Supplier Database (CSD) registration.

AVAILABILITY OF DOCUMENTS

Documents will be available online from the **21st October 2022** on the following websites:

- National Treasury's eTender portal - www.etenders.gov.za
- IDT website - www.idt.org.za/business-opportunities/current-tenders/
- EC Provincial Tender Bulletin – www.ectreasury.gov.za

No printed tender documents will be available at the site clarification session neither at the IDT offices.

BIDDERS QUERIES

All SCM enquiries to this bid must be directed to Ms Nomnikelo Dyasi – dcs05tenders@idt.org.za and Technical enquiries to Gregory Mavhunga – gregory@carifro.com, queries relating to this tender may be addressed in writing to the specified emails. No verbal or telephonic queries will be attended to. Any attempt to verbally contact with the IDT's employee to influence outcome of this tender will lead to disqualification of the bid. All queries should be submitted seven (7) calendar days before the closing date. Queries sent after will not be acknowledged.

COMPULSORY TENDER BRIEFING

A compulsory briefing meeting will take place on site (Department of Correctional Services, St Albans Correctional Facility, St Albans Road, Uitenhage Farms, Gqeberha. GPS Coordinates: 33.9055° S, 25.3476° E) on 28th October 2022.

A maximum of two representatives per Bidder shall be accommodated. All attendees are to carry identification document to the bid briefing meeting. The Bidder must be represented at the bid briefing meeting by a person who is suitably qualified and experienced to comprehend the scope of works and the implementation requirements. The bidder's representative must sign the attendance register.

Bidders must sign a compulsory attendance register in the name of the tendering entity. Attendance by key personnel forming part of the project team (as per project organogram) is compulsory. Addenda if any will be issued only to tenders appearing on the attendance register.

CLOSING TIME

The bid closing date is on **Monday, the 21st of November 2022 @ 11h00AM. Public opening will not take place.**

Bids should be submitted at the Eastern Cape Regional Offices of the Independent Development Trust (IDT) on or before the bid closing date. The Eastern Cape Regional Offices are situated at:

Independent Development Trust
Palm Square Business Park,
Bonza Bay Road,
Silverwood House,
Beacon Bay,
East London

Bidders should fill out the tender register at a time and date the tender is dropped off in the IDT tender box.

Disclaimer

Telegraphic, telephonic, facsimile, email and late tenders will not be accepted.

Requirements for submission, sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

The IDT reserve the right not to appoint the lowest bid financial proposal, based on the outcome of the tender risk assessment.

T1.2 – Tender Data

The conditions of tender are the Standard Conditions of Tender as contained in the CIDB Standard for Uniformity in Construction Procurement (2015) as published in Government Gazette No 38960, Board Notice 136 Government Gazette of 10 July 2015 (see www.cidb.org.za) as amended on August 2019.

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

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

Clause Number	Tender Data
F.1	**General** The Tender shall be for: "The Security Installations to the Perimeter fence, Sally Port and Control Room Buildings at St Albans correctional facility in Port Elizabeth – Eastern Cape". The Invitation to Tender Number is DCS05ECAN002/WP1/C3
F.1.1	**Actions** The employer and each Tenderer submitting a tender offer shall comply with the conditions of tender. In their dealings with each other, they shall discharge their duties and obligations, as set out in F.2 and F.3, timeously and with integrity, and behave equitably, honestly and transparently.
F.1.2	**Tender documents** The documents issued by the Employer comprise the following documents: **<u>Tender Book 1</u>** **Part T1: Tendering Procedures** • T1.1: Tender Notice and Invitation to Tender • T1.2: Tender Data • T1.3: Specification for Compulsory 30% Local Sub-Contracting of EME's & QSE's • T1.3: Specification for Compulsory 1% CSDG **Part T2 : Returnable Documents** • T2.1 : List of Returnable Documents • T2.2 : Returnable Schedules **Part C1 : Agreements and Contract Data** • C1.1: Form of Offer and Acceptance • C1.2 30% Local Sub-contracting of EME's & QSE's • C1.3: 1% Contract Skills Development Goal (CSDG) • C1.4 Schedule of imported Materials and Equipment • C1.5: Contract Data • C1.6: Proforma Guarantee

	Part C2 : Pricing Data
	• C2.1 : Pricing Instructions
	• C2.2 : Bill of Quantities
	
	<u>Tender Book 2</u>
	Part C3 : Scope of Work
	• C3.3: PN: Particular Electronic Security Specification
	  ○ Part 1: Integrated Electronic Specification
	  ○ Part 2: Access Control and Intercom Specification
	  ○ Part 3: Distributed Control System Specification
	  ○ Part 4: CCTV Surveillance Specification
	  ○ Part 5: Electrical Works Specification
	  ○ Part 6: X-Ray and Walk-Through Metal Detector Specification
	  ○ Part 7: Standby Generator Set Specification
	  ○ Part 8: Uninterruptible Power Supply Specification
	  ○ Part 9: Security Fence Specification
	  ○ Part 10: Fire Detection Specification
	  ○ Part 11: Fire Protection Specification
	  ○ Part 12: ICT Specification
	• C3.4: Additional Specifications
	  ○ SA: General maintenance
	  ○ SB: Operating and maintenance manuals
	  ○ SC: General decommissioning, testing and commissioning procedures
	  ○ SD: General Training
	  ○ SI: Occupational Health and Safety
	
	Part C4 : Site Information
	• C4 : Site Information
	
	<u>Tender Book 3</u>
	Book of Tender Drawings
	• List of Drawings
	• Tender Drawings
	• NB : Most of the detailed drawings will only be shared with the awarded Contractor due to security reasons.

F1.4	**Communication and Employer's Agent/ Engineer** All communication shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a Tenderer.
F1.4. (a)	The Employer is the **Independent Development Trust (IDT)** The IDT Representative is: Name: Mr Greg April Palm Square Business Park, Bonza Bay Road, Silverwood House, Beacon Bay, East London

F1.4. (b)	**The Employer's Agent is** Name: Carifro Consulting Engineers Capacity: Engineer Address: Physical address: **100 Mangold Street, Newton Park, Port Elizabeth, 6055** Postal address: **P O Box 35091, Newton Park, Port Elizabeth, 6055**
F1.4. (c)	**The Employer's Program Manager is** Name: Ramgoolam (Pty)Ltd Capacity: Program Manager Address: Physical address: **Pre Eminence Studio,15 Church Street, Dannhauser, 3080** Contact Person: **Mr B Ramgoolam** Contact Number: **034 621 6600**
F1.5.1	**The employer's right to accept or reject any tender offer** The employer may accept or reject any variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of a contract. The employer shall not accept or incur any liability to a Tenderer for such cancellation and rejection.
F2	**Tenderer's Obligations**
F.2.1	**Eligibility** Submit a tender offer only if the Tenderer satisfies the criteria stated hereunder and if the Tenderer, or any of his principals, is not under any restriction to do business with the employer (IDT) or the DCS.
F.2.1.1	Only Tenderers who satisfy the following eligibility criteria are eligible to submit tenders: (Failure to comply with the criteria stated hereunder shall result in the tender offer being disqualified from further consideration. Use of correction fluid is prohibited.) Tender offer must be properly received on the tender closing date and time specified on the invitation, fully completed and signed in black ink. 1. Fully & duly completed and signed Invitation to BID, Part A and B (SBD1). All blank spaces must be completed. Bidders to indicate items that are not applicable) 2. Fully & duly completed Bidders Disclosure (SBD 4). All blank spaces must be completed. Bidders to indicate items that are not applicable. 3. Fully & duly completed and signed Preference Points Claim Forms in terms of PPPFA, Procurement Regulations 2017 (SBD 6.1). All blank spaces must be completed. Bidders to indicate items that are not applicable. 4. Fully & duly completed and signed declaration of Local Content form (SBD 6.2) including all the annexures C, D & E. Bidders must return Annexure C. Annexure D & E to be kept by the bidder for verification upon appointment. All blank spaces must be completed. Bidders to indicate items that are not applicable 5. Valid CSD registration summary report printed from CSD website with supplier

	number. 6. Proof of authority to sign the document must be submitted on company letterhead e.g. company resolution 7. Valid and active CIDB Grading Certificate of Grade 8EB or Higher. Joint Ventures (JV) to submit consolidated CIDB Grading 8. Submission of Notarised JV Agreement/Contract signed by all parties (legal entity or consortium/joint venture), authorising a dedicated person(s) to sign documents on behalf of the firm/ joint venture / consortium (If applicable) 9. Contractor's Certified Copy of Registration of Incorporation or Company Registration Documents (CIPC) 10. Valid Letter of Good Standing (Workman's Compensation, COIDA) or FEM Letter of Good Standing. If Joint Ventures (JV), all partners must submit. 11. Acknowledgment of Addenda to the tender document 12. Signed confidentiality declaration 13. Certified proof of Registration of the tendering entity with Private Security Industry Regulatory Authority (PSIRA) 14. Bidder to provide certified proof of professional registration of the lead project contracts manager as Pr. Construction Manager or Pr. Construction Project Manager with SACPCMP. 15. Fully completed and signed Form of Offer (in black ink). All blank spaces must be completed 16. Fully & Duly Completed Detailed Bill of Quantity (BoQ), written In Black Ink. 17. Subcontracting commitment of a minimum of 30% of the value of the contract to an Electrical and / or Electronic EME or QSE in the built Environment with at least 51% ownership by black people. 18. Commitment of a minimum 1% of the value of the contract to a Contract Skills Development Goal (CSDG) 19. Attendance of compulsory tender briefing meeting and signing of the attendance register In addition, bidders who fall under the following criterial will result in direct disqualification of the bid: i) If any of the Directors are in the Employment of the State shall result in disqualification of the bid. ii) The Tenderer or any of its directors/ partners/ members/ principals are listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004): Tenderer to provide a sworn affidavit confirming that they are not listed as a tender defaulter in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004). iii) In the case of a Bidder, who during the last ten (10) years has been Terminated on Previous Contracts with the IDT shall result in disqualification of the bid.
F.2.1.1.1	**CIDB Grading** In order to be considered for an appointment in terms of this tender, the tenderer must be registered with the CIDB, in a contractor grading designation in accordance with the sum tendered for Grade 8 or higher in class EB (Electrical Building) as defined by CIDB. Joint ventures are eligible and preferred with particular reference to local participation and

	as such submit tenders provided that: • every member of the joint venture is registered with the CIDB; • the lead partner has a contractor grading designation in the Grade 8 or higher in class EB (Electrical Building) of construction work; and • the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal or higher than Grade 8 in class EB (Electrical Building) designation determined in accordance with the sum tendered for the EB.
F.2.1.1.2	**Joint ventures** Joint ventures are eligible to have their submissions evaluated provided that: • Notarized and signed Joint Venture or consortium Agreement Between Parties (if applicable) • the lead partner entity is registered with Private Security Industry Regulatory Authority (PSIRA)
F.2.1.1.3	**SDB Forms: Duly completed and signed Standard Bid Documents:** • Invitation to Bid (SBD 1) • Signed Declaration of Interest (SBD 4) • Preference Points Claim Forms (SBD 6.1) • Declaration Certificate for Local Production and Content for Designated Sectors (SBD 6.2)
F.2.1.1.4	**Company Documents** • Original Certificate of Authority for Signatory • Contractor's Certified Copy of Registration of Incorporation or Company Registration Documents. • Letter of Good standing with Compensation for Occupational and Injuries Disease Act (COIDA) Registration Certificate
F.2.1.1.5	**Contract Skills Development Goal (CSDG)** The contractor is required to achieve in the performance of the contract the Contract Skills Development Goal (CSDG) established in the Standard for Developing Skills through Infrastructure Contracts (published in GN 43495 of 3 July 2020).
F.2.1.1.6	**Pricing Documents** Original Signed Form of Offer and Acceptance Original Fully Completed (in black INK) Priced, tender document (BOQ)
F.2.2	**Cost of tendering** Accept that the employer will not compensate the Tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer comply with requirements.
F.2.3	**Check documents** Check the tender documents on receipt for completeness and notify the employer of any discrepancies or omissions.

F.2.4	**Confidentiality and copyright of documents** Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation. Bidders are required to acknowledge and sign off the confidentiality declaration as stipulated in section T2.2.
F.2.6	**Acknowledge addenda** Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time. If the Addenda has financial implications, failure to acknowledge the addenda may eliminate your bid form evaluation. This is due to incomparability of offers with the rest of the bidders.
F.2.7	**Tender briefing/ clarification meeting** A compulsory briefing meeting will take place on site (Department of Correctional Services, St Albans Correctional Facility, St Albans Road, Uitenhage Farms, Gqeberha. GPS Coordinates: 33.9055° S, 25.3476° E) on 28th October 2022
F.2.8	**Seek clarification** Request clarification of the tender documents, if necessary, by notifying the employer at least seven (7) working days before the closing time stated in the tender data.
F.2.9	**Insurances** Refer to contract data for insurance requirements.
F.2.11	**Alterations to documents** Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or alterations or additions necessary to correct errors made by the Tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of correction/ masking fluid are prohibited. Any unauthorised alterations or additions to the tender documents will lead to disqualification of the tenderer.
F.2.12	**Alternative tender offers** No alternative tender offers will be considered
F.2.13	**Submitting a tender offer**
F.2.13.2	Return all returnable documents to the employer after completing them in their entirety (entire Book 1), by writing legibly in non-erasable black ink.
F.2.13.3	The Tender Offer shall be submitted as one original signed document. The Tender Offer document shall be Book 1 in its entirety, containing all returnables including Bill/ Schedule of Quantities, completed in full and duly signed. The Tender Offer shall consist of a maximum of one (1) Lever Arch File wrapped or sealed package (e.g. box or wrapping) marked as per clause F.2.13.5. The Lever Arch File must be clearly labelled with the Tenderer's name, Tender number, Tender name and Tenderer's contact details.
F.2.13.4	Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the Tenderer. Signatories for Tenderers proposing to contract as joint ventures shall state which of the signatories the lead partner is.

F.2.13.5	The tender shall be addressed to the *Employer* as follows: **INDEPENDENT DEVELOPMENT TRUST (IDT)** **PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE** **Marked Confidential Tender No. DCS05ECAN002/WP1/C3** Closing date: 21st November 2022 Closing time: 11h00
F.2.13.6	The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer should be submitted in the tender box located at the following address: The place for delivery of the tender is the IDT Eastern Cape Regional Office Tender Box located at: **Independent Development Trust** **Palm Square Business Park,** **Bonza Bay Road,** **Silverwood House,** **Beacon Bay,** **East London** Bidders should fill out the tender register at a time and date the tender is dropped off in the IDT tender box. Note: No tenders will be accepted at any other IDT offices.
F.2.13.8	Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.
F.2.13.9	Telephonic, telegraphic, facsimile or e-mailed tender offers will not be accepted.
F.2.14	**Information and data to be completed in all respects** Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as being non-responsive.
F.2.15	**Closing time**
F.2.15.1	The closing time **for the Tender Submission is no later than 11h00** on **21st November 2022.** The Physical Address delivery of Tender documents is IDT Eastern Cape Regional Office: **Independent Development Trust** **Palm Square Business Park,** **Bonza Bay Road,** **Silverwood House,** **Beacon Bay,** **East London**

F.2.16	**Tender offer validity** The tender validity period is **90 calendar days** from close of Tender
F.2.16.1	Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.
F.2.16.2	If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period.
F.2.17	**Clarification of tender offer after submission** Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. Provide access during working hours to premises for inspections.
F.2.19	**Inspections, Tests and Analysis** For security reasons, no access shall be provided for inspections, tests and analysis on site during the tendering period.
F.2.23	**Certificates** The Tenderer is required to submit with bid all the certificates as stated in the lists of returnable documents (T2.1)
F.3	**The Employer's Undertakings**
F.3.2	**Issue addenda** If necessary, issue addenda that may amend or amplify the tender documents to each Tenderer during the period from the date of the tender notice until **5 calendar days** before the tender closing time stated in the tender data. If, as a result of the issuing of addenda, a Tenderer applies for an extension to the closing time stated in the tender data, the employer may grant, at their discretion, such extension and shall then notify all Tenderers who drew documents.
F.3.3	**Return late tender offers** Return tender offers received after the closing time stated in the tender data, unopened (unless it is necessary to open a tender submission to obtain a forwarding address), to the Tenderer concerned.
F.3.4	**Opening of Tender Submissions** Tenders will be opened in public shortly after tender closing at the time and location indicated in F.2.15.1. At this public opening the following information will be recorded. The names of all the tendering entities, Tendered amounts.
F.3.5	One-envelope procedure is applicable to this tender.
F.3.6	**Non-disclosure** Do not disclose to Tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers until after the award of the contract to the successful Tenderer.
F.3.7	**Grounds for rejection and disqualification** Determine whether there has been any effort by a Tenderer to influence the processing of tender offers and instantly disqualify a Tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

F.3.11	**The Tender Offer Evaluation**
F.3.11.3	The tender will be evaluated using the Method 2: Functionality, Price and Preference. Score functionality, rejecting all tender offers that fail to achieve the minimum number of points for functionality as stated in the Tender Data (F.3.11.9) and in the Tender Notice of Invitation. Tenders that have achieved the minimum qualification score for functionality must be evaluated further in terms of the preference points system prescribed below. The procedure for the evaluation of a responsive tender will be in terms of the Preferential Procurement Regulations 2017 on a 90/10 preference point system., with the formula for the calculation of total number of tender evaluation points as detailed below: $Ps = 90\left(1 - \frac{Pt - P\min}{P\min}\right)$ Where Ps = Points scored for comparative price of tender under consideration Pt = Price of tender under consideration, and Pmin = Price of lowest acceptable bid
F.3.11.8	**Scoring Preference** Up to 10 tender evaluation points will be awarded to the tenderer who submits a valid original or certified copy of its B-BBEE Status Level Verification Certificate which is in compliance with the requirements of instructions and guidelines issued by the National Treasury and is in accordance with notices published by the Department of Trade and Industry in the Government Gazette. An original or certified copy of the B-BBEE status level verification certificate must be submitted in order to qualify for preference points for B-BBEE. In the case of Exempted Micro Enterprises (EME) and Qualifying Small Business Enterprise (QSE) a valid sworn affidavit must be submitted with the bid offer. A consortium or joint venture will qualify for points for its B-BBEE status level only if such consortium or joint venture submits a consolidated B-BBEE status certificate which covers the consortium or joint venture as a combined unit as if it were a single enterprise. Tenderers anticipating tendering in a consortium or joint venture must allow sufficient time for obtaining such status level verification. Score the preference claimed of the remaining responsive tender offers in terms of Regulation 6 of the Preferential Procurement Regulations 2017, in accordance with the table below:

B-BBEE Status Level of Contribution	Number of points (90/10 system)
1	10
2	9
3	6
4	5
5	4
6	3
7	2
8	1
Non-compliant contributor	0

F.3.11.9

Scoring Functionality

The functionality criteria and maximum score in respect of each of the criteria are as follows:

A maximum of 100 tender evaluation points will be awarded for quality. Only bidders who score 70% and above (i.e. 70 points and above out of a total of 100 points) will be further evaluated in terms of the 90/10 price/preference points system.

The functionality will be scored using the following criteria and values:

Criteria	Points Allocation
Experience on similar projects.	30
Client References	10
Qualification, Experience and Competencies of key staff	30
Safety, Health, Environment and Quality Resources	10
Financial Standing and Rating	20
Total	100

F.3.11.9.1

Relevant Experience in Similar projects (30 points):

Points are allocated for previous relevant experience on project of similar kind and complexity. The similarity refers to projects relating to repair, upgrade, new installation and maintenance of integrated security systems; where minority of the works relate to building works, in the past 10 years.

In support tenderers are to complete the "Relevant Experience in Similar projects" returnable schedule and attach thereto original certified copies of relevant completion certificates, letter from principal agent/project manager (company letterhead); or letter from the client (client letter head) confirming completion of such a project.

Evaluation points will be awarded in terms of the following sub-criteria:

Sub-criteria A: Number of projects completed in which three (3) or more high security electronic subsystems were integrated with a project value of above R 30M (Inc. Vat). The subsystems relate to this project scope of works as described under C3, Book 2 and C1.4 Contract Data clause 5.14.1

Number of projects completed under this category	Number of points
3	20
2	12
1	4

Sub-criteria B: Number of maintenance projects in relation to the required services as described under C3, Book 2 and C1.4 Contract Data clause 5.14.1

Number of projects completed under this category	Number of points
3	10
2	6
1	2

F.3.11.9.2

Client References (10 points):

Points are allocated for performance on previous projects executed in terms of the respective completed "Client Reference Letter" (see returnable schedules) for the projects listed on the abovementioned "**Relevant Project Experience in Similar construction projects**" returnable schedule.

Evaluation points will be awarded in terms of the following table:

Projects	**Overall assessment by Client**			
	Poor	**Fair**	**Good**	**Excellent**
Project A	0	1	2,5	3,34
Project B	0	1	2,5	3,33
Project C	0	1	2,5	3,33
Total number of points	**0**	**3**	**7,5**	**10**

F.3.11.9.3

Qualification and Competencies of key staff (30 points):

Points are allocated for professional qualifications and professional registration of allocated key personnel for the project under consideration. For each key personnel allocated to the project, the bidders shall submit for following: Curriculum Vitae together with certified proof of qualifications and professional registration within the built environment profession (as per returnable schedule T2.1.21)

Provide curriculum vitae's, certified qualification certificates and proof of professional registration. Tenderer's project management structure and organogram specific to this project that sets out the roles of each proposed team member during the construction stage to also be provided.

Note: In the event of any change of key personnel during the construction stage, the tenderer must be able to provide the replacement personnel of similar expertise and experience and obtain approval from the employer within 5 working days.

Description of the Criteria	Point allocation
1. Construction/Contract Manager Only CM who is registered with SACPCMP will be considered. **Point allocated based on the relevant experience:** 10 years and more = 3 points 8-9 years = 2 points 6-7 years = 1 point **Point allocated based on the Qualification** National Diploma = 1 Bachelor's degree or higher = 2	5 Points

		2. Site Agent Only SA with minimum NQF Level 5 and above in the electrical/electronic built environment will be considered. **Point allocated based on the relevant experience:** 10 years and more = 5 points 8-9 years = 4 points 6-7 years = 3 points 5 years = 2 points 4 years = 1 point Below 4 years = 0 points	5 Points	
		3. Installation Electrician with wireman's licence Only IE with minimum NQF Level 4 and above in the built environment will be considered. **Point allocated based on the relevant experience:** 10 years and more = 5 points 8-9 years = 4 points 6-7 years = 3 points 5 years = 2 points 4 years = 1 point Below 4 years = 0 points	5 Points	
		4. Certified Systems Engineer: Only SE with minimum NQF Level 4 and above in the built environment will be considered. **Point allocated based on the relevant experience:** 10 years' and more = 5 points 8-9 years = 4 points 6-7 years = 3 points 5 years = 2 points 4 years = 1 point Below 4 years = 0 points	5 Points	
		5. Certified Networking Engineer Only NE with minimum NQF Level 4 and above in the built environment will be considered. 10 years and more = 5 points 8-9 years = 4 points 6-7 years = 3 points 5 years = 2 points 4 years = 1 point Below 4 years = 0 points	5 Sub - Points	

6. Detailed Project Organogram — 5 Points

Point are allocated for submission of Detailed Project Organogram that sets out the roles of each team member and demonstrates that the project is adequately resourced in terms of skills and scope of works of the project.

Criteria for allocation of points	Points
Adequate resourcing including all relevant key personnel	2
Skills and capacity for the sub-systems in accordance with the scope as defined under Contract Data item 5.14.1	3
Not aligned to the scope of works	0

F.3.11.9.4

Safety Health Officer (10 points):

10 Points will be allocated for tenderers who have at least one Health and Safety officer allocated to the project, with the relevant experience and with Professional registration from SACPCMP. Only Pr. Health and Safety registered Officer with will be considered.

Tenderers are required to provide Curriculum Vitae together with certified proof of qualifications and professional registration as Health and Safety officer.

Category	**Registration** (Maximum of 5 Points)		**Experience** (Maximum of 5 Points)		
	Not Registered	Registered	Between 3 - 5 Years	Between 6 - 10 Years	Between 11 - Above Years
Health and Safety Resource	0	5	1	3	5

Where the Health and Safety officer allocated to this project is no longer accessible to undertake the necessary work after the award of the tender, the contractor shall within a period of 5 working days replace the Health and Safety officer with a person with equivalent competencies subject to approval by the employer.

F.3.11.9.5

Financial standing and Rating

All supporting documents related to the Bidding Entity name will be considered. In the case of a JV, the supporting documentation of the lead company of the JV entity will be considered for scoring.

Supporting documentation required	Points Allocation breakdown	Maximum Points Allocation
Original bank report submitted on an original bank letter: • With official bank stamp. • Valid for 60 days from closing date of tender. • Not be older than 2 (two) calendar months from date of tender closing.	**Bank Rating:** Rating A = 5 points Rating B = 4 points Rating C = 3 points Rating D = 2 points Rating E = 1 point If none of the above, the bidder will be allocated zero points.	5 Points
Three (3) letters of credit references confirming remaining available credit limits from key material i.e. Security Fencing, CCTV Equipment. Access control Equipment, IT & Networking Equipment, Fire Detection and Fire Suppression equipment, electrical equipment and materials: • Letters must not be older than 2 (two) calendar months from date of tender closing and original. • Current status of the Tenderers account with the supplier must be stated	**Rating:** 3 letters = 5 points 2 letters = 3 points 1 letter = 1 point If none of the above is provided, the bidder will be allocated zero points.	5 Points
Confirmation of bridging finance or financial facilities for 10% of the tendered value. The value of bridging finance available to the Tenderer to be clearly indicated on an original letterhead from a financial institution registered with the South African Financial Services Board.	**Rating:** Confirmation letter of bridging finance = 10 points If no compliant letter submitted = zero points	10 Points

F.3.11.9

Quality Criteria: Scorecard Legend (Summary)

VARIABLES	TOTAL POINTS	CRITERIA	DESCRIPTION OF CRITERIA	POINTS
Experience on similar project.	30	As per Tender Data F 3.11.9.1	Points allocated for track record based on the similar scale of previous projects over the last 10 years executed by tenderer in consideration	As per Tender Data F 3.11.9.1
Client Reference	10	As per Tender Data F 3.11.9.2	Points awarded for demonstrated performance on previous work in relation to the degree to which previous projects have been completed within the contractual periods, and or extension thereto, and general contract administration	As per Tender Data F 3.11.9.2
Qualification and Competencies of key staff (30 points):	30	As per Tender Data F 3.11.9.3	Points awarded for required experience, competencies & qualifications of allocated key personnel for the project in consideration	As per Tender Data F 3.11.9.3
Safety, Health, Environment and Quality Resources	10	As per Tender Data F 3.11.9.4	Points allocated for the submitted Health and Safety Resource allocated to the project's qualifications and professional registration	As per Tender Data F 3.11.9.4
Financial Standing and Rating	20	As per Tender Data F 3.11.9.5	Points allocated for the submitted bank rating, credit references and the confirmation of bridging finance facilities	As per Tender Data F 3.11.9.5
Total Points	100			

Tenderers are required to score minimum points of 70% for Quality and Functionality as stated in the Tender Data. Tenderers who fail to meet the required minimum number of points for quality and functionality as stated in the Tender Data will not be considered for further evaluation.

	EMPOWERMENT POINTS (NP)	**10**			
	B-BBEE Points	10	B-BBEE Contributor Level 1	Points allocated to entities who are contributing towards the empowerment of black people (a SANAS accredited BEE Certificate MUST be submitted with the bid documents before any points can be allocated)	10
			B-BBEE Contributor Level 2		9
			B-BBEE Contributor Level 3		6
			B-BBEE Contributor Level 4		5
			B-BBEE Contributor Level 5		4
			B-BBEE Contributor Level 6		3
			B-BBEE Contributor Level 7		2
			B-BBEE Contributor Level 8		1
	FINANCIAL OFFER / PRICE POINTS (NFO)	**90**			
	Financial Offer / Price	90	$Ps = 90\left(1 - \frac{Pt - P\min}{P\min}\right)$		Formula used to calculate Financial Offer / Price
			Where Ps = Points scored for comparative price of tender under consideration Pt = Price of tender under consideration, and Pmin = Price of lowest acceptable bid		
	TOTAL EVALUATION POINTS (TEV)	**100**	**Formula, TEV = NFO + NP**		A maximum of 90 points to be awarded for price and 10 points for preference
			NFO = number of tender evaluation points awarded for the financial offer		
			NP = number of tender evaluation points awarded for preference		

F.3.15	**Complete adjudicator contract** This clause should be read in conjunction with the contract data of the tender.
F.3.16	**Notice to Unsuccessful Tenderers** Should tenderers not hear from the IDT within ninety (90) calendar days of closure, they should consider their submission unsuccessful unless there is granted extension of tender validity period. Award will be posted on I-tender within CIDB website within 30 days of award. No written notification directed to each tenderer will be issued by the Employer to unsuccessful tenderers.
F.3.17	**Provide Copies of the Contract** The number of paper copies of the signed contract to be provided by the employer is one.
F.3.18	**The additional conditions of tender are:** The employer is not obliged to accept the lowest bidder.

T1.3 SPECIFICATION FOR COMPULSORY 30% LOCAL SUB-CONTRACTING OF EME's & QSE's

All bidders are required to adhere to the regulation 9 of the PPPFA and to submit a sub-contractor agreement for the **30% Local sub-contracting of the contract value excluding contingencies and operational damage amounts.** Bidders that do not meet the subcontracting requirements will result in termination of the contract. The sub-contracting specification and amendments to the regulation is detailed below. Bidders are to ensure compliance to all items.

1. REGULATION

Clause 14.0 of the Implementation Guide for Preferential Procurement Regulations, 2017 (**Version 3: August 2021**) pertaining to the Preferential Procurement Policy Framework Act, Act No. 5 of 2000, Regulation 9 states the following in relation to Subcontracting as a condition of tender for procurement above R30 million.

2. DEFINITIONS

Local: Local is demarcated within province where the project is located. In this case it refers to the Eastern Cape Province only, giving preference to the local district.

EME's: Exempt Micro Enterprise

QSE's: Qualifying Small Enterprise

3. REQUIREMENTS

- Tenderers or contractors must submit proof of subcontracting arrangement between the tenderer and the subcontractor. Proof of subcontracting arrangement includes a subcontracting agreement between tenderer and the subcontractor
- The responsibility to sub-contract with competent and capable sub-contractor rests with the tenderer.
- The contract will be concluded between the tenderer and the subcontractor. The awarded tenderer and not the sub-contractor would be held liable for performance in terms of its contractual obligations.
- Tenderers/ Contractors are discouraged from subcontracting with their subsidiary companies as this may be interpreted as subcontracting with themselves. Where the tenderer/ contractor subcontracts with its subsidiary, this must be declared in tender documents.
- The tenderer/ contractor will be expected to provide proof of the appointment letters of subcontractors.
- The tenderer/ contractor will be expected to complete the work schedule below of his declaration of works to be subcontracted to comply with the 30% regulation.
- Monthly progress reports on the local subcontracting.
- The tenderer/ contractor and subcontractors, including its management and staff, must before commencement of the contract, sign a non-disclosure agreement regarding confidential information and will be required to complete a **security clearance** for each resource participating on this project.
- The tenderer/ contractor and subcontractors are not allowed to employ ex-offenders to implement work in the correctional facilities.

- The tenderer/ contractor and subcontractors' employees are not allowed to engage with the offenders. All interaction with offenders is prohibited.
- Only sub-contractors who are both CSD and CIDB registered should be considered.

4. SCOPE

This specification governs the employment of the 30% Local subcontracting. The bidder is expected to complete the returnable table on C1.2 of his intentions to comply with the 30% local sub-contracting requirements.

5. TERMS AND CONDITIONS OF SUBCONTRACT AGREEMENTS

5.1 Compilation

The Contractor shall be responsible for the compilation of each subcontract agreement and ensuring that the terms and conditions are consistent with all requirements thereof, as are specified in or reasonably to be inferred from the provisions of this Contract. All costs associated with the tender process including the conclusion of the agreement are for the Contractor's account.

5.2 Contractor's Duties Upon Completion of Each Subcontract

The Contractor shall, on the completion of each and every subcontract completed in accordance with the provisions of this specification, issue free of charge within 7 days of the completion of the subcontract, a Certificate of Experience on a single A4 page stating

a) Contract data

i) Contract title;

(ii) Contractor's full name and address;

(iii) Engineer's name and address;

(iv) Employer's name

b) Subcontract data

i) SMME name and address;

(ii) Scope or extent of the subcontract works;

(iii) Value of the subcontract works;

(iv) Applicable level of the subcontract;

(v) Duration of the subcontract;

(vi) Date of completion of the subcontract;

(vii) Description of the training undergone by the SMME;

c) Certifying the SMMEs completion of the subcontract.

The format, layout and appearance of certificates issued shall be at the Contractor's discretion, provided always that they shall be respectable and presentable in accordance with the general standards of normal business practice. All certificates issued shall be co-signed by the Engineer and a senior representative of the Contractor, who has been duly recognized as thereto.

5.3 Contractor's Liability

No provision or requirement set out in this specification shall be deemed to relieve the Contractor of any liability or obligation under the contract, and the Contractor shall be fully liable for the acts, defaults and neglects of any SMMEs, his agents or employees, as fully as if they were the acts, defaults and neglects of the Contractor, his agents or employees.

Any failure or neglect by the Contractor to comply with the provision of the specifications, or any omission or neglect by the Contractor in adhering to or applying the principles as are described and inherent in the specifications, shall be deemed to constitute a warrant for the Employer or Engineer to act in terms of the applicable clause(s) of the GCC that deal with breach/ default of the contract by the Contractor.

5.4 Performance Guarantee

Performance guarantees for 10 (ten) percent of the accepted subcontract value will be required from subcontracts who exceeds R 500 000.00 (excluding VAT). Where such guarantees are provided by subcontractors the return of same will be related to the time when the work carried out by the subcontractor is complete to the satisfaction of the Contractor and the Engineer.

5.5 Retention

Retention on subcontractors will be aligned and released in accordance with the applicable Clause 6.10.5 of the Contract Data after the subcontract work carried out is complete to the satisfaction of the Contractor and the Engineer.

5.6 Measurement and Payment

The price tendered will be deemed to include all incidentals by the Contractor to comply with the conditions of this specification. No other claims will be entertained should subcontractors affect the contract works in any way, and the Contractor shall deem to include such effects in the handling cost percentage for the different subcontractors work packages above.

5.7 Subcontracting by Subcontractors

The Contractor is not to permit subcontractors to further subcontract on any other conditions than those applying in the project specification to subcontractors.

T1.4 SPECIFICATION FOR COMPULSORY 1% CONTRACT SKILLS DEVELOPMENT GOAL (CSDG)

The bidder is required to achieve in the performance of the contract the Contract Skills Development Goal (CSDG) established in the Standard for Developing Skills through Infrastructure Contracts (published in GN 43495 of 3 July 2020). The appointed bidder will be required to submit a supervisor agreement for the **1% Skills development of the contract value excluding contingencies and operational damage amounts.** Bidders that do not meet the skills development requirements will result in termination of the contract.

1. SCOPE

Based on the agreed skills methods the contractor may employ part/full Occupational Qualification Learners and /or Trade Qualification Learners and/or Work Integrated Learners and/or Candidates directly or through a Skills Development Agency (SDA), training provider or skills development facilitator (Form A1 - List of cidb accredited SDAs).

The contractor shall ensure that no more than one Method shall be applied to any individual concurrently in the calculation of the CSDG for the contract.

The contractor may only place 33% employed employees or that of his subcontractors contributing to the CSDG.

The contractor shall employ at least 60% of the learners from a Public FET / TVET college should the contractor select to have trade qualification learners (Method 2) contributing to the CSDG.

PART T2 – SCHEDULE OF RETURNABLE DOCUMENTS

MANDATORY COMPULSORY REQUIREMENTS		
T.2.1	**List of Returnable Documents**	**Tick if attached**
T.2.1.1	Invitation to Bid (SBD 1)	
T2.1.2	Bidder's Disclosure (SBD 4)	
T2.1.3	Preference Points Claim Forms (SBD 6.1)	
T2.1.4	Declaration Certificate for Local Production and Content for Designated Sectors (SBD 6.2)	
T2.1.7	Original Certificate of Authority for Signatory	
T2.1.8	CIDB Registration Certificate grade 8 or higher in class EB (Electrical Building)	
T2.1.9	Submission of Notarised JV Agreement/Contract signed by all parties (legal entity or consortium/joint venture), authorising a dedicated person(s) to sign documents on behalf of the firm/ joint venture / consortium	
T2.1.10	Contractor's Certified Copy of Registration of Incorporation or Company Registration Documents	
T2.1.11	Valid Letter of Good standing with Compensation for Occupational and Injuries Diseases Act (COIDA) Registration Certificate or FEMA certificate number.	
T2.1.12	Acknowledgment of Addenda to the tender document	
T2.1.13	Signed Confidentiality Declaration	
T2.1.14	Proof of Registration of the tendering entity with Private Security Industry Regulatory Authority (PSIRA) (In case of a Joint Venture, the lead member must provide a copy of proof of registration)	
T2.1.15	Tenderer to provide proof of professional registration of the lead project contracts manager as Pr. Construction Manager or Pr. Construction project manager with SACPCMP.	
C1.1	Submission of signed Form of Offer and Acceptance (in black ink).	
C1.2	Schedule of proposed EME's & QSE's Sub-Contractors in respect of the 30% Preferential Procurement regulations 2017	
C1.3	Commitment for the 1% Skills development	
C2.3	Fully Completed (in ink) Priced, tender document (original document)	
	Technical Schedule(s) in Engineers Specification(s)	

NON-MANDATORY BUT FOR SCORING/ EVALUATION PURPOSES		
	List of Returnable Documents	**Tick if attached**
T2.1.16	Original certified copy of the B-BBEE Certificate	
T2.1.17	Experience on similar projects.	
T2.1.18	Client References	
T2.1.19	Qualification, Experience and Competencies of key staff CVs of Key Personnel including certified proof of qualifications and professional registration and their	
T2.1.20	Safety, Health, Environment and Quality Resources	
T2.1.21	Organogram of key personnel	
T2.1.22	Proof of financial standing and rating	

MANDATORY DOCUMENTS THAT SHOULD BE VALID AT THE TIME OF AWARD		
T.2.1	**List of Returnable Documents**	**Tick if attached**
T2.1.23	Proof of Central Supplier Database (CSD) registration	

OTHER RETURNABLE DOCUMENTS		
T2.1.24	Tax Compliance Letter with a unique pin (SBD2)	
T2.1.25	Amendments and Qualifications	
T2.1.26	Health and Safety Plan	

T2.1.1 _ INVITATION TO BID (SBD 1)

PART A

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (*NAME OF DEPARTMENT/ PUBLIC ENTITY*)					
BID NUMBER:	**DCS05ECAN002/WP1/C3**	CLOSING DATE:	**21 NOVEMBER 2022**	CLOSING TIME:	**11:00**
DESCRIPTION	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT *(STREET ADDRESS)*					
Independent Development Trust, Palm Square Business Park, Silverwood House					
Bonza Bay Road, Beacon Bay					
East London, 5241					

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO		**TECHNICAL ENQUIRIES MAY BE DIRECTED TO:**	
CONTACT PERSON	Nomnikelo Dyasi	CONTACT PERSON	Gregory Mavhunga
TELEPHONE NUMBER	(043) 711 6000	TELEPHONE NUMBER	(043)743 8266
FACSIMILE NUMBER		FACSIMILE NUMBER	
E-MAIL ADDRESS	dcs05tenders@idt.org.za	E-MAIL ADDRESS	gregory@carifro.com

SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] ☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		[TICK APPLICABLE BOX] ☐ Yes ☐ No

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]			
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐Yes ☐No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS 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. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION. 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.** 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT. 1.4. **THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**
2. TAX COMPLIANCE REQUIREMENTS
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS. 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS. 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA. 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID. 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER. 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED. 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER: ……

CAPACITY UNDER WHICH THIS BID IS SIGNED: ……

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

DATE: ……..

T2.1.2_ BIDDER'S DISCLOSURE (SBD4)

1. PURPOSE OF THE FORM

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

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

2. BIDDER'S DECLARATION

2.1. Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest[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 bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1. If so, furnish particulars:

……

……

[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.**

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

If so, furnish particulars:

……

……

3. DECLARATION

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

3.1. I have read and I understand the contents of this disclosure;

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

3.3. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium[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.

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

3.6. There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

3.7. 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 PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

…… ……..

Signature Date

…… ……

Position Name of bidder

[3] 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.

T2.1.3 _ PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017 (SBD 6.1)

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

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

---

1. GENERAL CONDITIONS

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

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

1.2

a) The value of this bid is estimated to exceed R50 000 000 (all applicable taxes included) and therefore the 90/10 preference point system shall be applicable; or

b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3 Points for this bid shall be awarded for:

(a) Price; and

(b) B-BBEE Status Level of Contributor.

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

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

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

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

2. DEFINITIONS

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

(b) "**B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;

(c) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;

(d) **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);

(e) **"EME"** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

(f) **"functionality"** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.

(g) **"prices"** includes all applicable taxes less all unconditional discounts;

(h) **"proof of B-BBEE status level of contributor"** means:

1) B-BBEE Status level certificate issued by an authorized body or person;

2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;

3) Any other requirement prescribed in terms of the B-BBEE Act;

(i) **"QSE"** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

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

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20 **or** **90/10**

$$Ps = 80\left(1 - \frac{Pt - P\min}{P\min}\right) \quad \text{or} \quad Ps = 90\left(1 - \frac{Pt - P\min}{P\min}\right)$$

Where

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration

Pmin = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

5. BID DECLARATION

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

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: = …(maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

7. SUB-CONTRACTING

7.1 Will any portion of the contract be sub-contracted? (***Tick applicable box***)

YES		NO	

7.1.1 If yes, indicate:

i) What percentage of the contract will be subcontracted.....……%
ii) The name of the sub-contractor……
iii) The B-BBEE status level of the sub-contractor.....…
iv) Whether the sub-contractor is an EME or QSE
(Tick applicable box)

YES		NO	

v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations,2017:

Designated Group: An EME or QSE which is at last 51% owned by:	**EME** √	**QSE** √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

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

8.1 Name of company/firm:……

8.2 VAT registration number:……

8.3 Company registration number:……

8.4 TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One person business/sole propriety
- ☐ Close corporation
- ☐ Company
- ☐ (Pty) Limited

[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

……
……
……
……

8.6 COMPANY CLASSIFICATION

- ☐ Manufacturer
- ☐ Supplier
- ☐ Professional service provider
- ☐ Other service providers, e.g. transporter, etc.

[*TICK APPLICABLE BOX*]

8.7 Total number of years the company/firm has been in business:……

8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

i) The information furnished is true and correct;

ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;

iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –

(a) disqualify the person from the bidding process;

(b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;

(c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;

(d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and

(e) forward the matter for criminal prosecution.

WITNESSES 1. …….. 2. ……	…… SIGNATURE(S) OF BIDDERS(S) DATE: …….. ADDRESS …….. …….. ……..

T2.1.4 _DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS (SBD 6.2)

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

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

1. General Conditions

1.1. Preferential Procurement Regulations, 2017 (Regulation 8) makes provision for the promotion of local production and content.

1.2. Regulation 8.(1) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.

1.3. Where necessary, for bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.

1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.

1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2017 as follows:

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

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

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2017 is accessible on http://www.thedtic.gov.za/sectors-and-services-2/industrial-development/industrial-procurement/ at no cost.

1.6 A bid may be disqualified if –

(a) this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation; and

(b) the bidder fails to declare that the Local Content Declaration Templates (Annex C, D and E) have been audited and certified as correct.

2. Definitions

2.1. **"bid"** includes written price quotations, advertised competitive bids or proposals;

2.2. **"bid price"** price offered by the bidder, excluding value added tax (VAT);

2.3. **"contract"** means the agreement that results from the acceptance of a bid by an organ of state;

2.4. **"designated sector"** means a sector, sub-sector or industry that has been designated by the Department of Trade and Industry in line with national development and industrial policies for local production, where only locally produced services, works or goods or locally manufactured goods meet the stipulated minimum threshold for local production and content;

2.5. **"duly sign"** means a Declaration Certificate for Local Content that has been signed by the Chief Financial Officer or other legally responsible person nominated in writing by the Chief Executive, or senior member / person with management responsibility(close corporation, partnership or individual).

2.6. **"imported content"** means that portion of the bid price represented by the cost of imported components, parts or materials which have been or are still to be imported (whether by the supplier or its subcontractors) and which costs are inclusive of the costs abroad (this includes labour or intellectual property costs), plus freight and other direct importation costs, such as landing costs, dock duties, import duty, sales duty or other similar tax or duty at the South African port of entry excluding value added tax (VAT);

2.7. **"local content"** means that portion of the bid price which is not included in the imported content, provided that local manufacture does take place;

2.8. **"stipulated minimum threshold"** means that portion of local production and content as determined by the Department of Trade and Industry; and

2.9. **"sub-contract"** means the primary contractor's assigning, leasing, making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract.

3. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2017) for this bid is/are as follows:

Description of services, works or goods	Stipulated minimum threshold
1. Electrical and telecom cables	90%
2. Wire Rod and Draw wire	100%
3. Busbars	5%
4. Housing	25%
5. Switching Devices	5%
6. Street light and camera poles	100%

7. High density polyethylene (HDPE) pipes 100%

4. Does any portion of the services, works or goods offered have any imported content?
(***Tick applicable box***)

YES		NO	

4.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on **www.reservebank.co.za.**

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2017):

Currency	**Rates of exchange**
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

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

5. Where the Local Content Declaration Templates (Annex C, D and E) audited and certified as correct?
(***Tick applicable box***)

YES		NO	

5.1. If yes, provide the following particulars:

(a) Full name of auditor: ……
(b) Practice number: ……..
(c) Telephone and cell number: …….
(d) Email address: ……..

(Documentary proof regarding the declaration will, when required, be submitted to the satisfaction of the Accounting Officer / Accounting Authority)

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

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2017)

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

IN RESPECT OF BID NO. .....

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

.....

NB

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

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

I, the undersigned, ……..... (full names),
do hereby declare, in my capacity as …… ……..
of .....(name of bidder entity), the following:

(a) The facts contained herein are within my own personal knowledge.

(b) I have satisfied myself that:

(i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2017; and

(ii) the declaration templates have been audited and certified to be correct.

(c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2017, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2017	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2017	

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

The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2017, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

(d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2017.

(e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2017, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 13 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____ **DATE:** _____

WITNESS No. 1 _____ **DATE:** _____

WITNESS No. 2 _____ **DATE:** _____

SATS 1286.2011

Annex C

Local Content Declaration - Summary Schedule

(C1)	Tender No.					
(C2)	Tender description:					
(C3)	Designated product(s)					
(C4)	Tender Authority:					
(C5)	Tendering Entity name:					
(C6)	Tender Exchange Rate:	Pula		EU		GBP
(C7)	Specified local content %					

Note: VAT to be excluded from all calculations

Calculation of local content								Tender summary			
Tender item no's	List of items	Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total Imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
1	Electrical and telecom cables										
2	Wire rod and draw wire										
3	Busbars										
4	Housing										
5	Switching Devices										
6	Street light ans camera poles										
7	High density polythylene (HDPE) pipes										

(C20) Total tender value	
(C21) Total Exempt imported content	
(C22) Total Tender value net of exempt imported content	
(C23) Total Imported content	
(C24) Total local content	
(C25) Average local content % of tender	

Signature of tenderer from Annex B

Date:

Soft copy of this template can be found in the DTI website: http://www.thedtic.gov.za/sectors-and-services-2/industrial-development/industrial-procurement/

correctional services
Department:
Correctional Services
REPUBLIC OF SOUTH AFRICA

idt Independent development trust

CARIFRO CONSULTING ENGINEERS | PROJECT MANAGERS GREEN BUILDING CONSULTANTS

SATS 1286.2011

Annex D

Imported Content Declaration - Supporting Schedule to Annex C

(D1)	Tender No.	
(D2)	Tender description:	
(D3)	Designated Products:	
(D4)	Tender Authority:	
(D5)	Tendering Entity name:	
(D6)	Tender Exchange Rate:	

EU R 9,00 GBP R 12,00

Note: VAT to be excluded from all calculations

A. Exempted imported content

Tender item no's	Description of imported content	Local supplier	Overseas Supplier	Forign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Exempted imported value
				Calculation of imported content						Summary	
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)

(D19) Total exempt imported value R 0

This total must correspond with Annex C - C 21

B. Imported directly by the Tenderer

Tender item no's	Description of imported content	Unit of measure	Overseas Supplier	Forign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Total imported value
				Calculation of imported content						Summary	
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)

(D32) Total imported value by tenderer R 0

C. Imported by a 3rd party and supplied to the

Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Forign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Quantity imported	Total imported value
				Calculation of imported content						Summary	
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)

(D45) Total imported value by 3rd party R 0

D. Other foreign currency payments

Type of payment	Local supplier making	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange	Summary of payments: Local value of payments
			Calculation of foreign currency payments		
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party

Signature of tenderer from Annex B

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above R 0

This total must correspond with Annex C - C 23

Date:

SATS 1286.2011

Annex E

Local Content Declaration - Supporting Schedule to Annex C

(E1)	Tender No.	
(E2)	Tender description:	
(E3)	Designated products:	
(E4)	Tender Authority:	
(E5)	Tendering Entity name:	

Note: VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
		(E9) Total local products (Goods, Services and Works)	

(E10)	**Manpower costs** (Tenderer's manpower cost)	
(E11)	**Factory overheads** (Rental, depreciation & amortisation, utility costs, consumables etc.)	
(E12)	**Administration overheads and mark-up** (Marketing, insurance, financing, interest etc.)	
	(E13) Total local content	

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date: _____

T2.1.5 _ ORIGINAL CERTIFICATE OF AUTHORITY FOR 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, and attach their Registration Certificates for Companies, Close Corporations and Partnerships, or Agreements and Powers of Attorney for Joint Ventures or ID documents to the page provided at the end of this form.

(I) COMPANY	(II) CLOSE CORPORATION	(III) PARTNERSHIP	(IV) JOINT VENTURE	(V) SOLE PROPRIETOR

(I) CERTIFICATE FOR COMPANY

I, ……..……, ID number ……. chairperson of the Board of Directors of …… hereby confirm that by resolution of the Board (copy attached) taken on ..... 20....., Mr/Ms ……..…acting in the capacity of ……..…, was authorized to sign all documents in connection with the tender for Contract No …..……..…… and any contract resulting from it, on behalf of the company.

Chairman: .....

As Witnesses: 1.

2.

Date: ……

(II) CERTIFICATE FOR CLOSE CORPORATION

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

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

to sign all documents in connection with the tender for Contract No ..... and any contract resulting from it, on our behalf.

NAME	ADDRESS	SIGNATURE	DATE
ID No……..			
ID No……...			
ID No……..			
ID No……..			

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

(III). CERTIFICATE FOR PARTNERSHIP

We, the undersigned, being the key partners in the business trading as,……hereby authorize Mr/Ms ……acting in the capacity of, to sign all documents in connection with the tender for Contract No ……. and any contract resulting from it, on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

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

(IV) CERTIFICATE FOR JOINT VENTURE

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorize Mr/Ms ……, authorized signatory of the company, ... acting in the capacity of lead partner, to sign all documents in connection with the tender offer for Contract No ..... and any contract resulting from it, on our behalf.

This authorization is evidenced by the attached power of attorney signed by legally authorized signatories of all the partners to the Joint Venture.

NAME OF FIRM	CIDB REGISTRATION NO	ADDRESS	AUTHORISING SIGNATURE, NAME AND CAPACITY

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

(V) CERTIFICATE FOR SOLE PROPRIETOR

I, ……..., hereby confirm that I am the sole owner of the business trading as …….

Signature of Sole owner: ……

As Witnesses:

1. ……

2. ……

Date: ……

T2.1.6 _CIDB REGISTRATION CERTIFICATE WITH GRADING 8 OR HIGHER IN CLASS EB (ELECTRICAL BUILDING)

Attached hereto is my / our registration certificate with the Construction Industry Development Board. My / our failure to submit the certificate with my / our tender document will lead to the conclusion that my / our company is not registered with CIDB.

NOTE: The CIDB can be contacted or visited on *www.cidb.org.za* ***for more information and registration. Obtain a "Code of Conduct for all parties engaged in construction procurement" for you information.***

T2.1.7 _SUSBMISSION OF NOTARISED JOINT VENTURE OR CONSORTIUM AGREEMENT BETWEEN PARTIES (IF APPLICABLE)

Attached hereto is our duly signed Joint Venture Agreement by the commissioner of oath and all parties involved. Our failure to submit the agreement with our tender document will lead to the conclusion that the joint venture has not been formally formed and all parties were not involved in the tender process and as such, the bid will be disqualified.

Tenderers tendering as joint ventures / consortiums are required to submit an original consolidated B-BBEE certificate issued by SANAS accredited verification agency or by the Company and Intellectual Property Commission (CIPC)

T2.1.8 _CONTRACTOR'S CERTIFIED COPY OF REGISTRATION OF INCORPORATION OR COMPANY REGISTRATION DOCUMENTS

Attached hereto is my / our original certified copies of company registration of incorporation or company registration documents. My failure to submit the copy with my / our tender document will lead to the conclusion that I am / we are not registered as claimed and as such, the bid will be disqualified

T2.1.9 _VALID LETTER OF GOOD STANDING WITH COMPENSATION FOR OCCUPATIONAL AND INJURIES DISEASE ACT (COIDA) REGISTRATION CERTIFICATE OR FEMA CERTIFICATE NUMBER

Attached hereto is my / our certified copy of a letter of good standing with the Compensation for Occupational Injuries and Diseases, e.g. letter of good standing. My / our failure to submit the certificate with your tender offer will lead to the conclusion that your entity/ company is not registered with COIDA, and therefore, the bid will be disqualified.

T2.1.10 _ ACKNOWLEDGEMENT OF ADDENDA TO THE TENDER DOCUMENT

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

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Attach additional pages if more space is required.

Signed ..... Date .....

Name .....

ID number ..... Position .....

Tenderer .....

T2.1.11 _ CONFIDENTIALITY DECLARATION

The contractor acknowledges that confidential information has been and will be provided to the contractor and that each item of confidential information shall be governed by the terms of this agreement. The contractor, including its management and staff, must before commencement of the contract, sign a non-disclosure agreement regarding confidential information and will be required to complete a security clearance for each resource participating on this project.

1.For the purposes of this agreement "confidential information" means:

1.1 Unless specified in writing to the contrary by the contracting authority all and any information (whether in documentary form, oral, electronic, audio-visual, audio-recorded or otherwise including any copy or copies of drawings, site layouts thereof and whether scientific, commercial, financial, technical, operational or otherwise) relating to the contracting authority, the supply of goods under the contract and all and any information supplied or made available to the contractor (to include employees, agents, subcontractors and other suppliers) for the purposes of the contract(s); and

1.2 Any and all information which has been derived or obtained from information described in sub-paragraph 1.1

2. Save as may be required by law, the contractor agrees in respect of the confidential information:

2.1 To treat such confidential information as confidential and to take all necessary steps to ensure that such confidentiality is maintained;

2.2 Not, without the prior written consent of the contracting authority, to communicate or disclose any part of such confidential information to any person except:

- i To those employees, agents, subcontractors and other suppliers on a need to know basis; and/or
- ii To the contractor's auditors, professional advisers and any other persons or bodies having a legal right or duty to have access to or knowledge of the confidential information in connection with the business of the contractor provided always that the contractor shall ensure that all such persons and bodies are made aware, prior to disclosure, of the confidential nature of the confidential information and that they owe a duty of confidence to the contracting authority; and shall use all reasonable endeavours to ensure that such persons and bodies comply with the provisions of this agreement.

3. The contractor undertakes:

3.1 To comply with all directions of the contracting authority with regard to the use and application of all and any confidential information or data.

3.2 To comply with all directions as to local security arrangements deemed reasonably necessary by the contracting authority including, if required, completion of documentation under the relevant authority and comply with any vetting requirements of the contracting authority including by police authorities;

3.3 Upon termination of the contract for whatever reason to furnish to the contracting authority all confidential information or at the written direction of the contracting authority to destroy in a secure manner all (or such part or parts thereof as may be identified by the contracting authority) confidential information in its possession and shall erase any confidential information held by the contractor in electronic form. the contractor will upon request furnish a certificate to that effect should the contracting authority so request in writing. for the avoidance of doubt "document" includes documents stored on a computer storage medium and data in digital form whether legible or not; and

3.4 To comply with the requirements of data protection law and such guidelines as may be issued by the data protection commissioner from time to time.

4. The contractor shall not obtain any proprietary interest or any other interest whatsoever in the confidential information furnished to him by the contracting authority and the contractor so

acknowledges and confirms.

5. The contractor shall, in the performance of the contract, access only such hardware, software, infrastructure, or any part of the databases, data or ict system(s) of the contracting authority as may be necessary for the purposes of the project (and obligations thereunder or arising therefrom) and only as directed by the contracting authority and in the manner agreed in writing between the parties.

6. The contractor agrees that this agreement will continue in force notwithstanding any court order relating to the project or termination of the contract (if awarded) for any reason.

7. The contractor agrees that this agreement shall in all aspects be governed by and construed in accordance with the laws of south Africa and the contractor hereby further agrees that the courts of south Africa have exclusive jurisdiction to hear and determine any disputes arising out of or in connection with this agreement.

***Please note that this is a compulsory returnable document**

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

Full Name of bidder or his or her representative:

_____

Identity Number:

_____

Position occupied in the Company (director, shareholder etc.):

_____

Company Registration Number:

_____

Tax Reference Number:

_____

VAT Registration Number:

_____

T2.1.12_ PSIRA _ PROOF OF REGISTRATION OF THE TENDERING ENTITY WITH PSIRA

THE BIDDERS SHOULD PROVIDE PROOF OF REGISTRATION WITH PRIVATE SECURITY INDUSTRY REGULATORY AUTHORITY (PSIRA), CERTIFIED COPY TO BE ATTACHED (IN CASE OF A JOINT VENTURE, THE LEAD MEMBER MUST PROVIDE A CERTIFIED COPY OF PROOF OF REGISTRATION)

T2.1.13 _ SACPCMP REGISTRATION OF CONSTRUCTION PROJECT MANAGER OR SITE AGENT

Attached hereto is a certified SACPCMP registration certificate of our Construction Manager or Site Agent for this project. Your failure to submit the certificate with your tender offer will lead to the conclusion that your entity/ company does not have a registered professional to manage this project, and therefore, the bid will be disqualified.

T2.1.14 _ ORIGINAL CERTIFIED COPY OF THE B-BBEE CERTIFICATE

Attached hereto is my / our original or original certified copy of my / our B-BBEE Certificate issued by a verification agency accredited by SANAS *or* ***by the Company and Intellectual Property Commission (CIPC). My failure to submit the certificate with my / our tender document will lead to the conclusion that I am / we do not wish to claim preference points in terms of my / our B-BBEE status.***

Note to the bidders
Bidders that are Joint Ventures or Consortia to submit a consolidated B-BBBEE certificate

Sworn Affidavit in cases' of EMEs and only those QSEs which are at least 51% Black-owned as prescribed in terms of B-BBEE Codes of Good Practice and in a format provided by the Department of Trade & Industry.

T2.1.15 _ EVALUATION SCHEDULE: COMPETENCY, RELEVANT PROJECT EXPERIENCE AND RESOURCE CAPACITY FOR PROJECTS COMPLETED IN THE PAST 10 YEARS (TO BE FILLED IN – NO SEE ATTACHED)

Points are allocated for previous relevant experience on project of similar kind and complexity. The similarity refers to projects relating to repair, upgrade, new installation, and maintenance of integrated security systems; where minority of the works relate to building works, in the past 10 years.

In support tenderers are to complete the "Relevant Experience in Similar projects" returnable schedule and attach thereto original certified copies of relevant completion certificates, final completion; or letter from the client (client letter head) confirming completion of such a project). Refer to Tender Data F.3.11.9

PROJECT NAME	BRIEF PROJECT DESCRIPTION (New, Renovation, Repair and/or Maintenance)	PROJECT VALUE (Incl VAT)	ORIGINAL CONTRACT PERIOD (Months)	START DATE	ACTUAL COMPLETION DATE
A.					
B.					
C.					

T2.1.16 A _ STAMPED CLIENT REFERENCE FORMS WITH SCORING (FOR T2.1.15 A PROJECTS)

The Tenderer shall provide details of his performance on each of the previous projects listed in the "Relevant Experience" returnable schedule. "Client Reference Scorecards" will be completed by each of the respective Clients for the projects listed in the "Relevant Experience" returnable schedule. Unsigned forms by the client will score zero points. (No see attached will be considered)

REPORT ON CONTRACTOR'S COMPETANCE & PERFORMANCE ON A SIMILAR PROJECT FOR TENDER EVALUATION PURPOSES

The following are to be **completed by the Client and Principal Agent/ Engineer** and is to be supported in each case by a letter of award and the works completion certificate.

PROJECT A:

Principal Agent/ Engineer:.....

Client:. .....

Contract Amount: .....

Contract Duration: .....

Main scope of works on the project: …….

Actual Contract Duration:……

Description / Performance	**Very poor (1)**	**Poor (2)**	**Fair (3)**	**Good (4)**	**Excellent (5)**
Quality of office administration					
Quality of site management					
Competence of foreman					
Co-operation during contract					
Quality of workmanship					
Quality of materials					
Project management					
Rectification of condemned work					
Tidiness of site					
Adequacy of equipment					
Adequacy of labour force					
Procurement of materials					
Labour relations					

Any other remarks considered necessary to assist in evaluation of the contractor?

.....

Principal Agent/ Engineer Firm:.....

Telephone:.....

PA Signature: ..... **Date**:.....

Client Signature: ..... **Date**:.....

Stamp

T2.1.16 B _ STAMPED CLIENT REFERENCE FORMS WITH SCORING (FOR T2.1.15 B PROJECTS)

The Tenderer shall provide details of his performance on each of the previous projects listed in the "Relevant Experience" returnable schedule. "Client Reference Scorecards" will be completed by each of the respective Clients for the projects listed in the "Relevant Experience" returnable schedule. Unsigned forms by the client will score zero points. (No see attached will be considered)

REPORT ON CONTRACTOR'S COMPETANCE & PERFORMANCE ON A SIMILAR PROJECT FOR TENDER EVALUATION PURPOSES

The following are to be **completed by the Client and Principal Agent/ Engineer** and is to be supported in each case by a letter of award and the works completion certificate.

PROJECT B:

Principal Agent/ Engineer:.....

Client:. .....

Contract Amount: .....

Contract Duration: .....

Main scope of works on the project: …….

Actual Contract Duration:……

Description / Performance	**Very poor (1)**	**Poor (2)**	**Fair (3)**	**Good (4)**	**Excellent (5)**
Quality of office administration					
Quality of site management					
Competence of foreman					
Co-operation during contract					
Quality of workmanship					
Quality of materials					
Project management					
Rectification of condemned work					
Tidiness of site					
Adequacy of equipment					
Adequacy of labour force					
Procurement of materials					
Labour relations					

Any other remarks considered necessary to assist in evaluation of the contractor?

.....

Principal Agent/ Engineer Firm:.....

Telephone:.....

PA Signature: ..... **Date**:.....

Client Signature: ..... **Date**:.....

Stamp

T2.1.16 C _ STAMPED CLIENT REFERENCE FORMS WITH SCORING (FOR T2.1.15 C PROJECTS)

The following are to be completed by the Client and Principal Agent/ Engineer and is to be supported in each case by a letter of award and the works completion certificate. **(No see attached will be considered)**

PROJECT C:

Principal agent/ Engineer: .....

Client:. .....

Contract Amount: .....

Contract Duration: .....

Main scope of works on the project: …….

Actual Contract Duration:…….

Description / Performance	Very poor (1)	Poor (2)	Fair (3)	Good (4)	Excellent (5)
Quality of office administration					
Quality of site management					
Competence of foreman					
Co-operation during contract					
Quality of workmanship					
Quality of materials					
Programme management					
Rectification of condemned work					
Tidiness of site					
Adequacy of equipment					
Adequacy of labour force					
Procurement of materials					
Labour relations					

Any other remarks considered necessary to assist in evaluation of the contractor?

.....

.....

Principal Agent/ Engineer Firm: .....

PA Tel No.:…….. **Client's Tel. No.** …….

PA Signature: ..... **Date**:.....

Client Signature: ..... **Date**:.....

Stamp

T2.1.17 _ EVALUATION SCHEDULE: DEMONSTRATED EXPERIENCE, COMPETENCIES AND CAPACITY OF THE TENDERING ENTITY'S KEY STAFF IN RELATION TO THE SCOPE OF WORK

The Tenderer shall list below the personnel that he intends to utilize on the Works, including key personnel that may have to be hired for the project.

KEY PROJECT STAFF	YEARS OF EXPERIENCE				
	10 Years or more	8 - 9 Years	6 – 7 Years	5 Years	4 Years
Construction Project Manager **SACPCMP Professionally Registered** ☐Y ☐N					
Main Foreman					
Registered Electrician					
Certified Systems Engineer					
Certified Networking Engineer					

The Tenderer is referred to Clause F.2.1.1.2 of the Tender Data and shall insert in the spaces provided on the following pages details of the key personnel required to be in the employment of the tenderer or other organization, in order for the tenderer to be eligible to submit a tender for this project. Proof of professional registration must be appended to these schedules, together with the Curriculum Vitae and certified copies of qualifications of each individual.

SIGNATURE: .....…… IDENTITY NUMBER: ……..

(of person authorised to sign on behalf of the Tenderer) DATE:……

T2.1.18 _ EVALUATION SCHEDULE: CURRICULUM VITAE OF KEY PERSONNEL

(Comprehensive CVs, certified copies of qualifications and registration certificates are required for Key personnel provided in section T2.1.19A and T2.1.19B. Construction Project Manager, Site Agent, Installation Electrician with wireman's licence, Certified Systems Engineer, Certified Networking Engineer)

T2.1.19.1 _ CV FOR CONTRACTOR CONSTRUCTION PROJECT MANAGER

Name:		**Date of birth:**
Profession:		**Nationality:**
Qualifications:		
Professional Body:	**Category of Registration:**	**Registration Number:**
Professional Body:	**Category of Registration:**	**Registration Number:**
Professional Body:	**Category of Registration:**	**Registration Number:**
Name of Employer (firm):		
Current position:		**Years with firm:**
Employment Record:		
Experience Record Pertinent to Required Service:		

COPY OF SACPCMP REGISTRATION OF CONSTRUCTION PROJECT MANAGER OR SITE AGENT

- *Attached hereto is a certified SACPCMP registration certificate of our Construction Manager or Site Agent for this project.*

Certification:

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

.....……..... ……..……
SIGNATURE OF THE INCUMBENT IN THE SCHEDULE DATE

…….
INCUMBENT'S IDENTITY NUMBER

T2.1.19.2_ EVALUATION SCHEDULE: CV FOR SITE AGENT

Name:		**Date of birth:**
Profession:		**Nationality:**
Qualifications:		
Professional Body:	**Category of Registration:**	**Registration Number:**
Professional Body:	**Category of Registration:**	**Registration Number:**
Professional Body:	**Category of Registration:**	**Registration Number:**
Name of Employer (firm):		
Current position:		**Years with firm:**
Employment Record:		
Experience Record Pertinent to Required Service:		

Certification:

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

..... ……..……
SIGNATURE OF THE INCUMBENT IN THE SCHEDULE DATE

…….
INCUMBENT'S IDENTITY NUMBER

T2.1.19.3_EVALUATION SCHEDULE: CV FOR INSTALLATION ELECTRICIAN WITH WIREMAN'S LICENCE

Name:		**Date of birth:**
Profession:		**Nationality:**
Qualifications:		
Professional Body:	**Category of Registration:**	**Registration Number:**
Professional Body:	**Category of Registration:**	**Registration Number:**
Professional Body:	**Category of Registration:**	**Registration Number:**
Name of Employer (firm):		
Current position:		**Years with firm:**
Employment Record:		
Experience Record Pertinent to Required Service:		

Certification:

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

.....……..... ……..……
SIGNATURE OF THE INCUMBENT IN THE SCHEDULE DATE

…….
INCUMBENT'S IDENTITY NUMBER

T2.1.19.4_EVALUATION SCHEDULE: CV FOR CERTFIED SYSTEMS ENGINEER

Name:		**Date of birth:**
Profession:		**Nationality:**
Qualifications:		
Professional Body:	**Category of Registration:**	**Registration Number:**
Professional Body:	**Category of Registration:**	**Registration Number:**
Professional Body:	**Category of Registration:**	**Registration Number:**
Name of Employer (firm):		
Current position:		**Years with firm:**
Employment Record:		
Experience Record Pertinent to Required Service:		

Certification:

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

..... ……..……
SIGNATURE OF THE INCUMBENT IN THE SCHEDULE DATE

…….
INCUMBENT'S IDENTITY NUMBER

T2.1.19.5_ EVALUATION SCHEDULE: CV FOR CERTIFIED NETWORKING ENGINEER

Name:		**Date of birth:**
Profession:		**Nationality:**
Qualifications:		
Professional Body:	**Category of Registration:**	**Registration Number:**
Professional Body:	**Category of Registration:**	**Registration Number:**
Professional Body:	**Category of Registration:**	**Registration Number:**
Name of Employer (firm):		
Current position:		**Years with firm:**
Employment Record:		
Experience Record Pertinent to Required Service:		

Certification:

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

.....……..... ……..……
SIGNATURE OF THE INCUMBENT IN THE SCHEDULE DATE

…….
INCUMBENT'S IDENTITY NUMBER

T2.1.20_ HEALTH AND SAFETY OFFICER

Attached hereto are my / our health and safety officer curriculum vitae.

Letter of undertaking from a Qualified and professionally registered OHS Consultant and a certified copy of professional registration with SACPCMP.

(PLEASE ATTACH)

T2.1.21_ORGANOGRAM OF KEY PERSONNEL TO BE ENGAGED ON THE PROJECT

Attached hereto the project specific organogram demonstrating the key personnel for all the sub-systems as described in the Contract Data.

(PLEASE ATTACH)

T2.1.22_ PROOF OF FINANCIAL STANDING AND RATING

Attached hereto are:

- Original bank report submitted on an original bank letter:
- Three (3) letters of credit references confirming remaining available credit limits from key material i.e. security Fencing, CCTV Equipment. Access control Equipment, IT & Networking Equipment, Fire Detection and Fire Suppression equipment, electrical equipment and materials
- Confirmation of bridging finance or financial facilities for 10% of the tendered value. The value of bridging finance available to the Tenderer to be clearly indicated on an original letterhead from a financial institution registered with the South African Financial Services Board.
- An original letter of intent from recognized surety provider

(PLEASE ATTACH)

T2.1.23_ PROOF OF CSD REGISTRATION

Attached hereto is my / our Central Supplier Database (CSD) certified proof of registration details. My / our failure to submit the required proof with my / our tender document will lead to the conclusion that my / our company is not registered with on the CSD.

T2.1.24 _TAX CLEARANCE CERTFICATE REQUIREMENTS (SBD2)

It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.

1 In order to meet this requirement bidders are required to complete in full the form TCC 001 "Application for a Tax Clearance Certificate" and submit it to any SARS branch office nationally. The Tax Clearance Certificate Requirements are also applicable to foreign bidders / individual ls who wish to submit bids.

2 SARS will then furnish the bidder with a Tax Clearance Certificate that will be valid for a period of 1 (one) year from the date of approval.

3 The original Tax Clearance Certificate must be submitted together with the bid. Failure to submit the original and valid Tax Clearance Certificate will result in the invalidation of the bid. Certified copies of the Tax Clearance Certificate will not be acceptable.

4 In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate.

5 Copies of the TCC 001 "Application for a Tax Clearance Certificate" form are available from any SARS branch office nationally or on the website www.sars.gov.za.

6 Applications for the Tax Clearance Certificates may also be made via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.

IMPORTANT NOTES:

The following is an abstract from the Preferential Procurement Regulations 2017 promulgated with the Preferential Policy Framework Act No 5 of 2000:

- "Tax clearance certificate
- No contract may be awarded to a person who has failed to submit an original Tax Clearance Certificate from the South African Revenue Service ("SARS") certifying the taxes of that person to be in order or that suitable arrangement have been made with SARS."
- The ST 5.1 form: Application for Tax Clearance Certificate (in respect of tenders), must be completed by the tenderer in every detail and submitted to the Receiver of Revenue where the tenderer is registered for income tax purposes. The Receiver of Revenue will then furnish the tenderer with a Tax Clearance Certificate that will be valid for 6 months from date of issue, unless otherwise indicated on the certificate issued by SARS. This Tax Clearance Certificate must be submitted in the original as an integral part of the tender.
- Each party to a Consortium / Joint Venture / Sub-contractors must complete a separate Tax Clearance Certificate.
- Failure to submit an original valid Tax Clearance Certificate will inevitably invalidate the tender.
- An example of the Application for Tax Clearance Certificate which Tenderers may use to apply for the Tax Clearance Certificate is included hereafter and is available at any Receiver's Office.

T2.1.25 _ AMENDMENTS AND QUALIFICATIONS

(This is not an invitation for amendments, deviations or alternatives but should the Tenderer desire to make any departures from the provisions of this contract he shall set out his proposals clearly hereunder. The Employer will not consider any amendment, alternative offers or discounts unless forms (a), (b) and (c) have been completed to the satisfaction of the Employer).

I / We herewith propose amendments, alternatives and discounts as set out in the tables below:

(a) AMENDMENTS

PAGE, CLAUSE OR ITEM NO	PROPOSED AMENDMENT

[Notes: (1) Proposals for amendments to the General and Special Conditions of Contract are not acceptable, and will be ignored;
(2) The Tenderer must give full details of all the financial implications of the amendments and qualifications in a covering letter attached to his tender.

(b) ALTERNATIVES (NOT APPLICABLE)

PROPOSED ALTERNATIVE	DESCRIPTION OF ALTERNATIVE

[Notes: (1) Individual alternative items that do not justify an alternative tender, and an alternative offer for time for completion should be listed here.
(2) In the case of a major alternative to any part of the work, a separate Bill of Quantities, programme, etc, and a detailed statement setting out the salient features of the proposed alternatives must accompany the tender.

(3) Alternative tenders involving technical modifications to the design of the works and methods of construction shall be treated separately from the main tender offer.]

(c) DISCOUNTS

ITEM ON WHICH DISCOUNT IS OFFERED	DESCRIPTION OF DISCOUNT OFFERED

[Note: The Tenderer must give full details of the discounts offered in a covering letter attached to his tender, failing which, the offer for a discount may have to be disregarded. Only unconditional discounts will be considered]

SIGNATURE: ..... IDENTITY NUMBER: …….

(of person authorised to sign on behalf of the Tenderer) DATE:……

T2.1.26 _ HEALTH AND SAFETY PLAN

Attached hereto are my / our health and safety plan, all in compliance with the COVID-19 Occupational Health and Safety Measures in Workplaces COVID-19 (C19 OHS), 2020 from Department of Labour (DoL)

PLEASE ATTACH HERE

THE CONTRACT

PART C1: AGREEMENT AND CONTRACT DATA

C1.1 FORM OF OFFER AND ACCEPTANCE

Project title:	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE
Tender no:	**DCS05ECAN002/WP1/C3**

OFFER

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

PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE

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

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

THE OFFERED TOTAL PRICE FOR PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE INCLUSIVE OF VALUE ADDED TAX IS:

Rand (in words):	
Rand in figures:	**R**

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

The Tenderer has satisfied himself or herself as to the correctness and validity of the tender; that the price(s) and rate(s) quoted cover all the services specified in the tender documents; that the price(s) and rate(s) cover all the Tenderer's obligations and he or she accepts that any mistakes regarding price(s) and rate(s) and calculations will be at the Tenderer's own risk.

NB: Any reference to words "Bid" or "Bidder" herein and/or in any documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

Signature . . . . . Date . . . . . .

Name . . . . . Identity number . . . . . .

Capacity
for the tenderer . . . . . .

(Name and address of organization) . . . .

. . . . . .

Name and signature of witness . . . . . .

CIDB Registration number _____

NOTE: Failure of a tenderer to sign this part of the tender form (offer) will invalidate the tender
Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

Acceptance

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

The terms of the contract, are contained in:

Part C1: Agreements and contract data, (which includes this agreement)
Part C2: Pricing data
Part C3: Scope of work.
Part C4: Site information

and drawings and tender documents or parts thereof, which may be incorporated by reference into Parts C1 to C4 above.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the tender schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

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

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

Signature . . . . . Date . . . . . .

Name . . . . . Identity number . . . . . .

Capacity . . . . . .

for the Employer Independent Development Trust
Palm Square Business Park,
Bonza Bay Road,
Silverwood House,
Beacon Bay,
East London

Name and signature of witness . . . . . .
. . . . . Date . . . . . .

Schedule of Deviations

1 Subject . . . . . .
Details . . . . . .
. . . . . .
. . . . . .
. . . . . .
2 Subject . . . . . .
Details . . . . . .
. . . . . .
. . . . . .
. . . . . .
3 Subject . . . . . .
Details . . . . . .
. . . . . .
. . . . . .
. . . . . .
4 Subject . . . . . .
Details . . . . . .
. . . . . .
. . . . . .
. . . . . .
5 Subject . . . . . .
Details . . . . . .
. . . . . .
. . . . . .
. . . . . .

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

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

C1.2_ 30% LOCAL SUB-CONTRACTING OF EMS's & QSE's

As stated in the GOVERNMENT GAZETTE, 20 JANUARY 2017, PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000: PREFERENTIAL PROCUREMENT REGULATIONS, 2017

9. Subcontracting as condition of tender

(1) If feasible to subcontract for a contract above R30 million, an organ of state must apply subcontracting to advance designated groups.

(2) If an organ of state applies subcontracting as contemplated in sub-regulation

(1), the organ of state must advertise the tender with a specific tendering condition that the successful tenderer must subcontract a minimum of 30% of the value of the contract to-

(a) an EME or QSE;

I/We hereby notify you that it is my/our intention to employ the following domestic sub-contractors, with a maximum of a grade _____(BBBEE Level) for the work in this contract, who will perform a minimum of **30%** of the value of work as per condition above, but limited to a maximum of **40%** of the value of the work. 30% of the contract value excluding the contingencies and operational damage amounts.

If I/we am/are awarded a contract I/we agree that this notification does not change the requirement for me/us to submit the names of proposed subcontractors in accordance with requirements of the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us. I/We confirm that all subcontractors who are contracted to construct a house or building, are registered as home builders with the National Home Builders Registration Council.

Names of Proposed Subcontractors	Addresses of Proposed Subcontractors	CIDB Grading	BBBEE Level	Trade of Work to be Executed by Subcontractor	Value (Incl Tax) of Work to be Executed by Subcontractor	% of Work to be Executed by Subcontractor
1.						
2.						
3.						
4.						
5.						

Names of Proposed Subcontractors	Addresses of Proposed Subcontractors	CIDB Grading	BBBEE Level	Trade of Work to be Executed by Subcontractor	Value (Incl Tax) of Work to be Executed by Subcontractor	% of Work to be Executed by Subcontractor
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
Total to be subcontracted in compliances with 30% LOCAL SUB-CONTRACTING OF EMS's & QSE's						

SIGNATURE: .....…… IDENTITY NUMBER: ……..

(of person authorised to sign on behalf of the Tenderer) DATE:……

C1.2A _ SCHEDULE OF PROPOSED SUBCONTRACTORS

Project title:	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE
Tender no:	**DCS05ECAN002/WP1/C3**

The bidder should declare at tender stage, the details if the proposed subcontractors that will be directly appointed by the main contractor considering the professional approval by the engineer. Provide details in table below.

	Name and address of proposed Subcontractor	**Nature and extent of work**	**Previous experience with Subcontractor**
1			
2			
3			
4			
5			
6			
7			
8			

Name of Bidder:	

Name of representative	**Signature**	**Capacity**	**Date**

C1.3 _ 1% CONTRACT SKILLS DEVELOPMENT GOAL (CSDG)

Project title:	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE
Tender no:	**DCS05ECAN002/WP1/C3**

The bidder will be required to submit the following forms upon appointment.

C1.3A _ FORM A1 LIST OF RECOGNISED SKILLS DEVELOPMENT AGENCIES

The Employer shall provide the proforma documents that shall be completed by the contractors after award of the contract within the stipulated period.

CIDB RECOGNISED SKILLS DEVELOPMENT AGENCIES								
No	Name Of SDA	SDA Recognition Number	Status	Recognition End Date	Province	Contact Person	Contact Number	Email Address
01	CIDB SDA	SDA/ZA/16/00001	Active	30/06/2020	National	Pranveer Harriparsadh	012 482 7230	pranveerh@cidb.org.za
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								

SIGNATURE: .....…… IDENTITY NUMBER: ……..

(of person authorised to sign on behalf of the Tenderer) DATE:……

C1.3B _ FORM A2 BASELINE TRAINING PLAN

Project title:	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE
Tender no:	**DCS05ECAN002/WP1/C3**

The Employer shall provide the proforma documents that shall be completed by the contractors after award of the contract within the stipulated period.

Contractor Details						
Contractor Name:	123Building and construction					
CRS Number:	0000000					
Estimated start date	I March 2019					
Estimated Completion date	1 Oct 2020					
Size of Organisation	Small (1-49 employees)		Medium (50-149 employees)		Large (≥150 employees)	
				✓		

Contact Details	
Name of Contact Person	Mr John Smith
Designation of Contact Person	Construction Manager
Contact Details	Cell Number: XXX XXXX XXX
	Landline Number: XXX XXXX XXX
	Email address: Smith@123building.co.za

SIGNATURE: .....…… IDENTITY NUMBER: ……..

(of person authorised to sign on behalf of the Tenderer) DATE:……

correctional services
Department:
Correctional Services
REPUBLIC OF SOUTH AFRICA

idt Independent development trust

CARIFRO CONSULTING ENGINEERS | PROJECT MANAGERS GREEN BUILDING CONSULTANTS

C1.3C _ FORM A3 PROJECT INTERIM REPORT

Project title:	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE
Tender no:	**DCS05ECAN002/WP1/C3**

The Employer shall provide the proforma documents that shall be completed by the contractors after award of the contract within the stipulated period.

cidb PROJECT ASSESSMENT SCHEME: STANDARD FOR DEVELOPING SKILLS
PROJECT INTERIM TRAINING REPORT

Section A: Employer Information

cidb Employer Number

Employer Name

Section B: Contract Data

cidb Contract Number

Contract Title

Tender Value (R)

Contract Skills Development Goal (R)

SIP Number (If Applicable)

SIP Project Code (If Applicable)

Definitions:

Training Methods:
Method 1: structured workplace learning opportunities for learners towards the attainment of a part or a full occupational qualification;
Method 2: structured workplace learning opportunities for apprentices or other artisan learners towards the attainment of a trade qualification leading to a listed trade subject to at least 60% of the artisan learners being holders of public TVET college qualifications;
Method 3: work integrated learning opportunities for University of Technology or Comprehensive University students completing their national diplomas;
Method 4: structured workplace learning opportunities for candidates towards registration in a professional category by a statutory council listed in Table 1 above

Learner/Candidates Full Name and Surname	Gender		Ethnic Group					Identity Number													Training Method (Please tick)				Placement Start Date	Placement End Date	Occupation Description	Description of Practical Task Completed (as per logbook or POE)	Status	Supporting documents available on request (Please tick)						
	Male	Female	Black	White	Coloured	Indian	Other														M1	M2	M3	M4						Learner Training Plan	Attendance Register	Signed Logbooks/POE	Medical Assessments	Induction	Health and Saftey Training	PPE Register
Eg. Joe Smith	1				1			1	2	3	4	5	6	7	4	5	6	8	9	1		X			01 May 2016	31 May 2016	Bricklaying	Read and interpret drawings Set out building as per drawing Transfer leves using dumpy level Batch and mix concrete	Completed In progress In progress Completed	x	x	x	x	x	x	x

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Department:
Correctional Services
REPUBLIC OF SOUTH AFRICA

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C1.3D _ FORM A4 MENTORSHIP/SUPERVISOR DETAILS

Project title:	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE
Tender no:	**DCS05ECAN002/WP1/C3**

The Employer shall provide the proforma documents that shall be completed by the contractors after award of the contract within the stipulated period.

Form A4: cidb PROJECT ASSESSMENT SCHEME: STANDARD FOR DEVELOPING SKILLS SUPERVISOR/MENTOR DETAILS

SECTION A: Personal details

Surname	
Name	
ID Number	
e-mail	
Mobile	0 - -
Office Telephone	0 - -

SECTION B: Professional profile

Designated Trade	
Registration Number	
Professional registration	
Professional council	
Category	
Registration number	

SECTION C: General comments

SIGNATURE: .....…… IDENTITY NUMBER: ……..

(of person authorised to sign on behalf of the Tenderer) DATE:……

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C1.3E _ FORM A5 PROJECT COMPLETION REPORT

Project title:	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE
Tender no:	**DCS05ECAN002/WP1/C3**

The Employer shall provide the proforma documents that shall be completed by the contractors after award of the contract within the stipulated period.

Form A5: cidb PROJECT ASSESSMENT SCHEME: STANDARD FOR DEVELOPING SKILLS PROJECT COMPLETION REPORT

Section A: Contractor / JV Information

cidb Contractor Registration Number of main / lead contractor
Name of contractor /Joint Venture
Contact Person Title Initials Surname
Designation
e-mail
Mobile 0 - -
Office Telephone 0 - -

Section B: Employer Information

cidb Employer Number
Employer Name

Section C: Contract Data

cidb Contract Number
Contract Title
Date of Completion Y Y Y Y - M M - D D
Tender Value R .00

Section D: Approved Exemptions and Variations Granted

Section E: Budgeted Training Costs

GB	0,50% x Tender Value =	R	.00
CE	0,25% x Tender Value =	R	.00
CE & GB	0.375% x Tender Value =	R	.00
EB	0,25% x Tender Value =	R	.00
EP	0,25% x Tender Value =	R	.00
ME	0,25% x Tender Value =	R	.00
SW	0,25% x Tender Value =	R	.00

Section F: Actual Training Costs Achieved

Actual training costs achieved R .00
CSDG achieved Yes No

Name of Bidder:	

Name of representative	**Signature**	**Capacity**	**Date**

C1.4 _ SCHEDULE OF IMPORTED MATERIALS AND EQUIPMENT

Project title:	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE
Tender no:	**DCS05ECAN002/WP1/C3**

This schedule should be completed by the tenderer. *(Attach additional pages if more space is required)*

Item	Material / Equipment	Rand (R) (Excluding VAT)
1.		**R**
2.		**R**
3.		**R**
4.		**R**
5.		**R**
6.		**R**

The Contractor shall list imported items, materials and/or equipment which shall be excluded from the Contract Price Adjustment Provisions (if applicable) and shall be adjusted in terms of currency fluctuations only. Copies of the supplier's quotations for the items, materials or equipment (provided that such costs shall not be higher than the relevant contract rate as listed above) should be lodged with the Employer / Employer's Agent within 60 (sixty) days from the date of acceptance of the tender. No adjustment of the local VAT amount, nor the contractor's profit, discount, mark-up, handling costs, etc. shall be allowed.

These net amounts will be adjusted as follows:

FORMULA:

The net amount to be added to or deducted from the contract sum:

$$A = V\left(\frac{Z}{Y} - 1\right)$$

A = the amount (R) of adjustment

V = the net amount (supplier's quotation) (R) of the imported item

Y = exchange rate at the closing date of tender submission

Z = exchange rate on the date of payment.

Name of Tenderer	Signature	Date

C1.5 CONTRACT DATA

CONTRACT DATA - (GCC (2015) 3rd EDITION: 2015)

Project title:	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE
Tender no:	**DCS05ECAN002/WP1/C3**

	PART 1: DATA PROVIDED BY THE EMPLOYER
	CONDITIONS OF CONTRACT
	The General Conditions of Contract for Construction Works, Third Edition, 2015, published by the South African Institution of Civil Engineering, Private Bag X200, Halfway House, 1685, is applicable to this Contract and is obtainable from *www.saice.org.za*

CONTRACT SPECIFIC DATA	
The following contract specific data, referring to the General Conditions of Contract for Construction Works, Third Edition, 2015, are applicable to this Contract:	
CLAUSES	**COMPULSORY DATA**
	Replace Clause 1.1.1.3 with Clauses 1.1.1.3.1, 1.1.1.3.2 and 1.1.1.3.3
1.1.1.3	Certificates of Completion Certificates of Completion shall be issued by the Engineer stating the date on which completion of the Project (which is also referred to as Installation for this Project), Sub-Installation or Section was achieved.
1.1.1.3.1	"Certificate of Completion for the Installation" means the certificate issued by the Engineer stating the date on which completion of the Installation was achieved and is determined by the effective date of the Certificate of Sectional Completion issued last within the Installation.
1.1.1.3.2	"Certificate of Sectional Completion" means the certificate issued by the Engineer stating the date on which completion of a Section of an Installation was achieved. The date is determined by the date of the last issued Certificate of Sectional Completion for a Sub-Installation or part thereof within the Section.
1.1.1.3.3	"Certificate of Completion for Maintenance" means the certificate issued by the Engineer stating the effective date on which completion of the 36-Month Fixed Term Maintenance was achieved.
1.1.1.8	Replace Clause 1.1.1.8: "Contract Data" means the specific data which, together with these General Conditions of Contract, collectively describe the rights, risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. This will also include any addition to, departure from or amendments to the General Conditions of Contract as set out in the Contract Data forming part of the Tender Documents.

1.1.1.13	Replace Clause 1.1.1.13 as follows: **Defects Liability** "Defects Liability Period" means the period stated in the Contract Data, commencing from the date indicated on the Certificate of Completion or Certificate of Sectional Completion, during which the Contractor has both the right and obligation to make good defects in the materials, plant and workmanship covered by the Contract. The Contractor shall guarantee the complete installation during the Defects Liability Period(s). The Contractor shall make good, at his cost, and within such period as the Employer or Engineer may stipulate, any defects in the Works arising from defective design, plant, materials or workmanship, or from any act or omission of the Contractor that may develop under proper use during the Defects Liability Period(s). Tenderers shall price for monthly Maintenance during Defects Liability Period separately. If during the said period the installation is not in working order for any reason for which the Contractor can be held responsible, or if the installation develops defects, the Contractor shall immediately upon being notified take steps to remedy the defects or faults and restore to working order. Should breakdowns be frequent, or should the Installation otherwise prove unsatisfactory during the said period the Contractor shall, if called upon by the Engineer or the Employer's Representative, at his own expense replace the whole installation or such parts as the Engineer or the Employer's Representative may deem necessary.
1.1.1.13.1	Insert the definition of "Defects Liability Period prior to Completion of an Installation" as Clause 1.1.1.13.1: "Defects Liability Period prior to Completion of an Installation" means the period commencing on the date indicated on the Sectional Completion Certificate or date of operational usage up to the date of Certificate of Completion for the Installation, during which the Contractor has both the right and the obligation to make good defects in the materials, plant and workmanship covered by the Contract. Defects Liability Period prior to Completion of an Installation shall be remunerated on a monthly basis.
1.1.1.13.2	Defects Liability Period after issuance of Certificate of Completion for an Installation shall be: **12 months** Defects Liability Period for a completed Section shall vary, commencing from the effective date of the Certificate of Sectional Completion to the effective date of the Certificate of Completion of the Installation. Defects Liability Period for the 36-months Fixed Term Maintenance work shall be: **3 months**
1.1.1.15	The name of the Employer is: **The Independent Development Trust (IDT)** on behalf of the Department of Correctional Services (DCS)
1.1.1.16	The name of the Employer's Agent is: **Carifro Consulting Engineers** Contact person : **Gregory Mavhunga**

1.1.1.24 1.1.1.24.1 1.1.1.24.2 1.1.1.24.3	Replace Clause 1.1.1.24 with Clauses 1.1.1.24.1, 1.1.1.24.2 and 1.1.1.3.3 "Practical Completion" means that the Works for a Project or Installation or Sub-Installation has reached a state of readiness, fit for the intended purpose, and occupation without danger or undue inconvenience to the Employer, although some work may be outstanding. "Partial Practical Completion" means the works for a Section, Sub-Installation or a portion thereof, has reached a state of readiness, and occupation without danger or undue inconvenience to the Employer, although some work may be outstanding. "Sectional Completion" means Completion of a Section has reached a state of readiness, and occupation without danger or undue inconvenience to the Employer, with all snags outstanding listed at Partial Practical Completion completed, as certified by the Engineer.
1.1.1.25	Insert at end of Clause 1.1.1.25 Amongst providing for all other contractual requirements, contractor shall include for the provision of all requirements in terms of the construction regulations and health and safety requirements. The contractor shall price all individual items under the preliminary and general sections in the bill of quantities and shall not lump the items into a single sum or amount. This fully priced schedule must be included as part of the contract.
1.1.1.26	Replace Clause 1.1.1.26: The Pricing Strategy is a: **Re-measurement Contract**. The Contractor shall ensure that there is a reasonable balance of all tendered rates and prices. Any imbalances will be adjusted prior to acceptance of the priced data to avoid any over claim/overpayment and/or under claim/under payment. The Contractor shall be requested to provide valid auditable documentation to support a claim for payment for material delivered to site in terms of the pricing data. The Employer's agent may certify the amount claimed or adjust the payment against the supply rates in the event that loose supply items have still to be configured or integrated into a single unit or system in accordance with the description of the bill item.
1.1.1.28	Replace clause 1.1.1.28 as follows: "Scope of Works" means the section(s) of the Tender/Bid document that specifies and describes the Works which are to be provided, and any other requirements and constraints relating to the manner in which the work is to be carried out
1.1.1.31	Replace clause 1.1.1.31 as follows: **Supplementary Agreement** The pricing data includes a 3 (three) year maintenance plan of the equipment, specialist items, services etc. commencing upon expiry of the contractual defects liability period of twelve (12) months and enduring for an anticipated period of 3 (three) years thereafter. The 3 year maintenance period may be varied to a period shorter than the planned 3 year programme should there be any amendments or cancellation of Employers long term national maintenance planning initiatives. The Contractor shall take cognisance of the latter when pricing this section of the pricing data, as no claims whatsoever due the reduction in the planned maintenance will be entertained for any variances that may arise.

	The general terms and conditions of this contract shall apply to the maintenance programme. However the Employer and its agents shall compile a supplementary agreement incorporating the technical requirements and any amendments to the terms and conditions of the 3 year or any reduced duration for the maintenance programme. The contractor shall be required to provide and extend the validity of performance guarantee to cover the duration for the maintenance contract in terms of clause 6.2 in the agreement.
1.1.1.35	Insert the definition of "Value of Works" as Clause 1.1.1.35: "Value of Works" means the value of the Works certified by the Engineer as having been satisfactorily executed and shall include the value of the works done, the value of the materials and/or plant on/delivered to site and Contract Price Adjustments.
1.1.1.36	Insert the definition of "Project" as Clause 1.1.1.36: "Project" means the Security Installations to the Perimeter fence, Sally Port and Control Room Buildings at St Albans Correctional Facility.
1.1.1.37	Insert the definition of "Installation" as Clause 1.1.1.37: "Installation" for this "Project" shall mean the Security Installations to the Perimeter fence, Sally Port and Control Room Buildings at St Albans Correctional Facility. (Any reference to the word "Installation" herein and/or in any other documentation shall be construed to have the same meaning as the word "Project".)
1.1.1.38	Insert the definition of "Sub-Installation" as Clause 1.1.1.38: "Sub-Installation" means a portion of an Installation as detailed in the Project Specification within the Scope of Works and Clause 1.1.1.28.
1.1.1.39	Insert the definition of "Section" as Clause 1.1.1.39: A "Section" means a portion of an Installation, Sub-Installation as a whole or in part, a building or a cluster of buildings. Sections will be defined and agreed upon with the Contractor after Letter of Acceptance is signed.
1.1.1.40	Insert the definition of "Fatal breakdown" as Clause 1.1.1.40: "Fatal breakdown" shall be defined as a breakdown that requires immediate repair work to eliminate imminent hazards to life, health and safety, to prevent disruption of an essential activity/service, to restore security or to prevent imminent damage to equipment or property.
1.1.1.41	Insert the definition of "Emergency maintenance repairs'" as Clause 1.1.1.41: "Emergency maintenance repairs" shall imply any work required to correct unsafe conditions which are not severe enough to be classified as immediate response repairs. All other emergency repair works shall be done within 48hrs of logging with the Contractor.
1.1.1.42	Insert the definition of "Ordinary maintenance repairs" as Clause 1.1.1.42: "Ordinary maintenance repairs" means all maintenance work required other than emergency maintenance repairs. Ordinary maintenance repairs should be completed within 72hrs of logging with the Contractor.
1.1.1.43	Insert the definition of "Maintenance control plan" as Clause 1.1.1.43: "Maintenance control plan" means the system which the Contractor shall introduce to ensure that preventative, corrective and breakdown maintenance are performed as described in the Operating and Maintenance Manual and in the Specifications within the Scope of Works and other applicable Specifications.
1.1.1.44	Insert the definition of "Routine preventative maintenance" as Clause 1.1.1.44: "Routine preventative maintenance" entails the rendering of services according to a predetermined maintenance control plan to: • replace components of equipment, units or parts of the infrastructure periodically regardless of condition;

	• readjust, reset, clean, corrosion protect all installations; and • all implied actions to maintain installations in their present functional and operational state.
1.1.1.45	Insert the definition of "Corrective maintenance" as Clause 1.1.1.45: "Corrective maintenance" entails regular observation of the equipment, identifying pending breakdowns, maladjustment or anomalies of equipment, units or parts of the infrastructure and subsequent action to restore installations to the functional and operational state considered as normal for the installations.
1.1.1.46	Insert the definition of "Breakdown maintenance" as Clause 1.1.1.46: "Breakdown maintenance" entails repair and/or replacement of defective equipment, units or parts of the infrastructure following a breakdown and subsequent action to restore installations to their normal functional and operational state."
1.1.1.47	Insert the definition of "Operational Damage" as Clause 1.1.1.47: "Operational Damage" entails any damage caused on purpose, by accident or through negligence by the User Client's employees, inmates (where applicable), suppliers, subcontractors, etc for any reason whatsoever.
1.1.1.48	Insert the definition of "Maximum down-time" as Clause 1.1.1.48: "Maximum down-time" shall mean the period of time allowed to repair a breakdown, starting from the time the Contractor is notified.
1.1.1.49	Insert the definition of "Actual down-time" as Clause 1.1.1.49: "Actual down-time" shall mean the measured period from the instant when the breakdown was logged with the Contractor until the installation has been repaired to its functional specification as certified by the Engineer.
1.1.1.50	Insert the definition of "Access Certificate" as Clause 1.1.1.50: An "Access Certificate" means the certificate issued by the Engineer stating the date on which access to a Sub-Installation was granted. The time for completion for a Sub-Installation will be calculated from the date on which the Access Certificate to a Sub-Installation was issued.
1.2.1.2	**Employer's address:** **Physical Address:** Independent Development Trust Palm Square Business Park, Bonza Bay Road, Silverwood House, Beacon Bay, East London **Telephone**: 043 711 6000
	Engineer's address: **Physical Address:** 100 Mangold Street Newton Park Port Elizabeth 6055 Facsimile: 041 392 9880 Telephone: 041 392 9800
	Program Manager address Pre Eminence Studio 15 Church Street Dannhauser 3080

	Telephone: 034 621 6600
1.3.5	Replace Clause 1.3.5 with the following: The Contractor shall transfer the copyright, full ownership and all other intellectual property rights in the documents including all systems and operating software supplied/installed by the Contractor to the Employer or the Employers agent under the contract. The Contractor shall legally be deemed to have given the Employer a non-terminable, transferable, exclusive, royalty-free license to copy, use and communicate the Contractor's documents including all systems and operating software, including making and using modifications of such documents for the purposes of further work required to the Works and its operations in this and all other facilities in the country.
1.3.6	Replace Clause 1.3.5 with the following: The Employer shall retain the copyright, full ownership and all other intellectual property rights in documents including all systems and operating software supplied/installed by the Contractor to the Employer or the Employers agent under the contract. The Employer may give the Contractor a terminable, non-transferable, non-exclusive, royalty-free license to copy, use and communicate the Employer's documents including all systems and operating software for the purposes of this contract only.
3.2.1.1	Insert Clause 3.2.1.1 as follows: 1. The Engineer's authority to act and/or to execute functions or duties or to issue instructions are expressly **excluded** in respect of the following: (a) Appointment of Sub-contractors – clause 4.4.4; (b) Granting of an extension of time and/or ruling on claims associated with claims for extension of time – clauses 5.12.3, 10.1.5; (c) Rulings on claims and disputes – clauses 10.1.5, 10.2.3 and 10.3.3; (d) Suspension of the Works – clause 5.11.1; (e) Issuing of *mora* notices to the Contractor – clauses 9.1.1, 9.1.2.1 and 9.2.1; (f) Cancellation of the contract between the Employer and Contractor – clauses 9.1.1, 9.1.2.1 and 9.2.1.
	2. In order to be legally binding and have legal bearing and consequence, any ruling in respect of the above matters (a) to (f) must be on an official document, signed and issued by the Employer to the Contractor. 3. The Contractor must submit claims, demands, notices, notifications, updated particulars and reports in writing, as well as any other supporting documentation pertaining thereto, in respect of any of the above listed matters (a) to (f), to the Engineer within the time periods and in the format(s) as determined in the relevant clauses of the Conditions of Contract. Failing to deliver such to the Engineer timeous and in the correct format will invalidate any claim and the consequences of such failure will *mutatis mutandis* be as stated in clause 10.1.4. 4. Clauses 6.10.9 and 10.1.5 shall be amended as follows to indicate the limitation on the Engineer's authority in respect thereof: **Clause 6.10.9 – Amend to read as follows:** Within 14 days of the date of final approval as stated in the Final Approval Certificate, the

	Contractor shall deliver to the Engineer a final statement claiming final settlement of all moneys due to him (save in respect of matters in dispute, in terms of Clauses 10.3 to 10.11, and not yet resolved). The Employer shall within 14 days issue to the Contractor a Final Payment Certificate the amount of which shall be paid to the Contractor within 28 days of the date of such certificate, after which no further payments shall be due to the Contractor (save in respect of matters in dispute, in terms of Clauses 10.3 to 10.11 and not yet resolved). **Clause 10.1.5 – Amend to read as follows:** Unless otherwise provided in the Contract, the Employer shall, within 28 days after the Contractor has delivered his claim in terms of Clause 10.1.1 as read with Clause 10.1.2, deliver to the Contractor his written and adequately reasoned ruling on the claim (referring specifically to this Clause). The amount thereof, if any, allowed by the Employer shall be included to the credit of the Contractor in the next payment certificate. 5. Insert the following under 3.2.5: Provided that, notwithstanding any provisions to the contrary in the Contract, the Employer shall have the right to reverse and, should it deem it necessary, to amend any certificate, instruction, decision or valuation of the Engineer and to issue a new one, and such certificate instruction, decisions or valuations shall for the purposes of the Contract be deemed to be issued by the Engineer, provided that the Contractor shall be remunerated in the normal manner for work executed in good faith in terms of an instruction issued by the Engineer and which has subsequently been rescinded.
3.3.2.1	Amend Clause 3.2.2.1 to read as follows: Observe the execution of the Works, examine and test material, Plant and workmanship, and receive from the Contractor such information as he shall reasonably require.
3.3.3.2	Amend Clause 3.3.3.2 to reads as follows: Notwithstanding any authority assigned to him in terms of Clauses 3.3.2 and 3.3.4, failure by the Engineer's Representative to disapprove of any work, workmanship, Plant or materials shall not prejudice the power of the Engineer thereafter to disapprove thereof and exercise any of his powers in terms of the Contract in respect of thereof.
4.4.1 4.4.2.1	Replace Clause 4.4.1 and 4.4.2 with the following: The Contractor may not subcontract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher BBBEE status level than the Contractor, unless the contract is subcontracted to an exempted micro enterprise that has the capability and ability to execute the sub-contract. The Contractor awarded the contract shall subcontract no less than 15% of the contract value to Black-owned local firms preferably owned by women, youth and people with disability. Allocation of work to Local Subcontractors, Suppliers and Labourers The Contractor shall employ at least 30% of skilled labour and 70% unskilled locally. The minimum participation threshold for subcontracting to local SMME's will be 30% of the contract value including VAT. A Contractor failing to successfully subcontract the said minimum of 30% of the value of the works will be penalised to a maximum of 10% of the total value of the subcontract work. The Contractor shall ensure that he allocates a minimum of 30% of the works to local subcontractors.

4.4.2.2	Penalty for Non-compliance on Empowerment Targets Failure to comply with tendered empowerment targets in the tender document shall constitute a breach in terms of the main agreement and thereby entitles the Employer to impose a penalty on the Contractor in terms of the relevant 'value/formula' clause for calculating the penalties.
4.6.1	Replace Clause 4.6.1 with the following: The Contractor indemnifies and holds harmless the employer against all liability, losses, claims, damages, penalties, actions, proceedings or judgements (collectively referred to as 'Losses') arising from any infringement of letters, patent design, trademark, name, copyright or other protected rights in respect of any machine, plant, work, materials, thing, system, operating or project specific software or method of fixing, working or arrangement used or fixed or supplied by the contractor, but such indemnity shall not cover any use of the equipment or part thereof otherwise than in accordance with the provisions of the specification. All payments and royalties payable in one sum or by installments or otherwise shall be included by the Contractor in the price and shall be paid by him to those whom they may be payable. The Contractor shall reimburse the employer for all legal and other costs and expenses, including without limitation attorney's fees on the attorney-client scale incurred by the Employer in connection with investigation, defending or settling any Losses in connection with pending or threatening litigation in which the Employer is a party.
4.8.2.1	Amend Clause 4.8.2.1 to include the word "person", as follows: Makes available to the Employer, or to any such contractor, person or authority, any roads or ways for the maintenance of which the Contractor is responsible, or
4.8.2.2	Amend Clause 4.8.2.2 to include "Employer" and "contractors", as follows: Provides any other facility or service of whatsoever nature to the Employer or to any of the said contractors, persons or authorities,
4.10.3	Insert Clause 4.10.3 as follows: Notwithstanding the other terms of the contract - The Contractor shall give preference to employees and subcontractors (skilled, semi and general), from within the wards and districts in the closest proximity to the site of the works all duly reached in agreement with the Employers Social facilitator. The Contractor is obliged to employ a minimum of 30% of his employees and subcontractors from within the wards and districts in the closest proximity to the site of the works The Contractor shall be required to submit labour reports on a monthly basis and provide information of all employees, e.g. identity documents, proof of residence etc all in compliance with the Governments Expanded Public Works Programme and the national labour regulations.
4.10.4 4.10.4.1	Insert Clause 4.10.4 as follows: **Security Clearance** ***Restrictions on movement and limited access*** The Contractor's personnel, vehicles and equipment will be restricted to areas of the construction

	site only. The Contractor shall comply with any and all the requirements that the Employer or its representatives may have in this regard and shall take note that for security reasons the access to some areas may be limited or severely restricted.
4.10.4.2	***Prohibition on taking of photographs*** The Contractor's attention is drawn to the Defence Act, 1957 (Act No 44 of 1957) and the Correctional Services Act, 1998 (Act No 111 of 1998) which clearly state that the taking of photographs is prohibited and that even the possession of a camera on Site is an offense.
4.10.4.3	***Security check on personnel*** The Employer may require the Contractor to have his personnel or a certain number of them security-classified, if so required by an approved and competent authority. The Contractor shall ensure that all personnel and subcontractors engaged on the contract and those visiting the site (for approved and contract specific purposes) have the necessary police and security clearances prior to such persons being brought on to site. Any persons found to be non-compliant shall not be allowed entry to the site. All costs associated with the verification of personnel to meet this requirement shall be borne by the contractor. In the event of the Employer or any competent authority requiring the removal of a person or persons from the site for security reasons, the Contractor shall do so forthwith. The Contractor shall thereafter ensure that such person or persons are denied access to the site and/or to any documents or information relating to the work. In such circumstances the Contractor shall indemnify the Employer and its representatives and shall hold the Employer and its representatives harmless against any and all claims of whatever nature arising.
4.10.4.4	***Access cards to security areas*** Should the work fall within a security area, the Contractor must obtain from the Employer or its representatives access cards for his security-cleared personnel and employees who work within such an area. The Contractor must comply with any regulations or instructions issued from time to time, concerning the safety of persons and property, by the Department of Correctional Services or SA Police services.
4.10.5	Insert Clause 4.10.5 as follows: **Skills Training** The Contractor shall train local semi skilled and general labour in life skills and on the job and accredited certification in e.g. plumbing, bricklaying, electrification, etc. from an accredited institution. A Contractor with CIDB grade 7 will be required to provide at least 2 certificated trainees and a Contractor with grades 8 and 9 will be required to provide at least 5 certifications respectively. The Contractor shall train local semi skilled and general labour in life skills and on the job training in trades e.g. plumbing, bricklaying, electrification, etc.and provide training certification from an accredited training institution. A Contractor with CIDB grade 7 will be required to provide at least 2 certificated trainees and a Contractor with grades 8 and 9 will be required to provide at least 5 certifications respectively upon completion of the work.

	Skills Development Training Based on the agreed skills methods the contractor may employ part/full Occupational Qualification Learners and /or Trade Qualification Learners and/or Work Integrated Learners and/or Candidates (delete that which is not applicable) directly or through a Skills Development Agency (SDA), training provider or skills development facilitator (Form A1 - List of cidb accredited SDAs). The contractor shall ensure that no more than one Method shall be applied to any individual concurrently in the calculation of the CSDG for the contract. The contractor may only place 33% employed employees or that of his subcontractors contributing to the CSDG. The contractor shall employ at least 60% of the learners from a Public FET / TVET college should the contractor select to have trade qualification learners (Method 2) contributing to the CSDG.
5.3.1	The documentation required before commencement with Works execution are: Health and Safety Plan (Refer to Clause 4.3) Initial programme (Refer to Clause 5.6) Security (Refer to Clause 6.2) Insurance (Refer to Clause 8.6)
5.3.2	The time to submit the documentation and get approval before commencement with Works execution is: **21 days.**
5.4.4	Insert Clause 5.4.4 as follows: **Access to Site** The Contractor shall take cognisance of the fact that the site is a fully operational facility. The site of the works is regarded as a National Key Point within which the Contractor shall have restricted access to the site on being given possession to fulfill his obligations. The Contractor shall be briefed on the restrictions of movement, servitudes, access control, buildings in use, security requirements and security clearances, working hours due to the site being occupied and under the Employers control at all times. The Contractor shall not extend his operations into any restricted or undefined areas. The Employer shall have unrestricted and continuous access to the works due to the statutory classification of the site and its operations. This arrangement shall be coordinated and agreed upon by all parties prior to the handover of the site to the contractor. A steering committee comprising representatives of the employer, the principal agent, the Contractor and any other nominated or required party shall be set up to ensure that the Contractors operations are unhindered. The Contractor shall comply with the Employer's rules for the control of and delivery of materials and goods into the site and for the removal of such items from the site.
5.4.5	Insert Clause 5.4.5 as follows: The contractor shall make provisions for water, electric power, sewer connections and any other temporary works related to these provisions required for carrying out the works. The Contractor shall allow for all such costs in his pricing data and be responsible for payment of

	connection fees and for the use of all services whether provided by the local authority or the Employer.
5.7.4	Insert Clause 5.7.4 as follows: **Payment of Preliminary & General Costs (P&G)** In the event that the Contractor, due to causes of his own making, fails to achieve the targets set out in his construction programme and his performance is not in accordance with the contract, payment of the time related P&G will be paid in proportion to the value of the monthly progress payment and not in accordance with the projected cash flow for this item. The principal agent shall review the status quo and revert to paying the Contractor in accordance with the contract once the Contractor has demonstrated improvement of their performance and the principal agent is satisfied that the Contractor is performing diligently.
5.12.2.2	Amend Clause 5.12.2.2 as follows: • Relevant adjustments to general items shall exclude causes due to abnormal climatic conditions.
5.13.2.2	Amend *'the penalty for delay shall be reduced by an amount which is determined by the Employer's agent to be appropriate in the circumstances as follows:* No penalty reduction will be allowed' **Penalty for Non-compliance on Empowerment Targets** Failure to comply with tendered empowerment targets in the tender document shall constitute a breach in terms of the main agreement and thereby entitles the Employer to impose a penalty on the Contractor in terms of the relevant 'value/formula' clause for calculating the penalties.
5.14.1	The Project shall be implemented according to the following phases: • Phase 1: Repair, upgrade and new installation work within 15 months • Phase 2: 12-Month Defects Liability Period with Maintenance • Phase 3: 36-Month Fixed Term maintenance work **Phase 1: Repair, Upgrade and/or New Installation Work** The time for achieving Practical completion for the entire Phase 1 (Repair, Upgrade and/ or New Installation work) shall be 15 months calculated from the date of site hand over. **Phase 2: 12-Month Defects Liability Period with Maintenance** Duration will be calculated from the Completion Date of the Installation. **Phase 3: 36-Month Fixed Term maintenance work** Duration will be calculated from the end of the 12-month Defects Liability Period for the Installation. Certificate(s) of Practical Completion for any Sub-Installation or Section shall only be issued when all statutory certificates, guarantees, certificates of compliance, all documentation (including Operation & Maintenance, Testing and Commissioning) has been received and accepted by the Engineer for the Sub-Installation or Section. The Engineer shall specify requirements for each portion of the Works.

	In the event that any approvals for extension of time or any other rulings or approvals for sections or single units are granted, such approvals or rulings shall be deemed to apply to the individual unit only and not to the contract as a whole.
5.4.2	Amend Clause 5.4.2 to read as: The access to, and possession of, the Site referred to in Clause 5.4.1 shall ***not be exclusive*** to the Contractor. This is an operational facility and care shall be taken during planning and construction to ensure minimal or no disruption to the daily operations of the site. Comprehensive Risk and Change management plans to be developed by the Contractor and implemented in consultation with the Engineer and Employer. The Contractor shall note that the following limitations apply: a) The Site is regarded a National Key Point within which the Contractor shall have restricted access to Installations, or sections thereof. The Contractor shall be briefed on the restrictions to movement, servitudes, access control, occupied buildings, security requirements and security clearances. b) Due to operational constraints, access to Site shall be granted in sections or portions, as the Site is operational. Access to site for any Installation, Sub-Installation, Section or part thereof shall be given by the Engineer in writing after consultation and agreement with the Employer. c) Access shall be limited only to sections of the Installation where the works are being undertaken and access has been given by the Engineer in writing. d) The Employer shall have unrestricted and continuous access to the works due to the statutory classification of the site and its operations. This arrangement shall be coordinated and agreed upon by all parties. e) Interruptions to access in areas where access has been granted prior and works are being undertaken due to identified security risk and unscheduled end user activities. The Engineer will inform the Contractor in writing, impact on the programme will be assessed and extension of time considered by the Engineer for a decision by the Employer. f) The Engineer or Employer may require provision of access for other parties (sub-contractors, departmental staff and other maintenance personnel) working at the same time and at the same Installation or section with the Contractor. g) The Contractor shall ensure that all personnel and subcontractors and visitors on the site have the necessary police and security clearances prior to such persons being brought on to site. Any persons found to be non-compliant shall not be allowed entry to the site. All costs associated with the verification of personnel to meet this requirement shall be borne by the contractor. h) Work shall be carried out during normal working hours. Any extended times or approval or overtime work shall be considered and approved by the steering committee. i) The Contractor shall comply with the Employer's rules for the control of delivery of materials and goods into the site and for the removal of such items from the site.
5.4.4	Add Clause 5.4.4 If and to the extent that the Employer's failure to grant access was caused by an error or delay by the Contractor, including an error in, or delay in the submission of, any of the applicable Contractor's Documents, the Contractor shall not be entitled to claim for an Extension of Time and/or compensation.
5.4.5	Add Clause 5.4.5 **Avoidance of Interference** The Contractor shall not interfere unnecessarily or improperly with:

	a) the convenience of the public and End User staff; or b) the access to and use and occupation of all roads and footpaths, irrespective of whether they are public or in the possession of the Employer or of others; except in areas where exclusive access has been granted. The Contractor shall indemnify and hold the Employer harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from any such unnecessary or improper interference.
5.4.6	Add Clause 5.4.6 The Contractor shall be deemed to have been satisfied, upon signing of acceptance letter, as to the suitability and availability of the access routes to the Site. The Contractor shall take all necessary measures to prevent any road or bridge from being damaged by the Contractor's traffic or by the Contractor's personnel. These measures shall include the proper use of appropriate vehicles (conforming to legal load and width limits (if any) and any other restrictions) and routes. Except as otherwise stated in these Conditions: a) the Contractor shall be responsible for the repair of any damage caused to, and any maintenance which may be required for the Contractor's use of, access routes; b) the Contractor shall provide all necessary signs or directions along access routes, and shall obtain any permissions or permits which may be required from the relevant authorities, for the Contractor's use of routes, signs and directions; c) the Employer shall not be responsible for any third-party claims which may arise from the Contractor's use or otherwise of any access route; d) the Employer does not guarantee the suitability or availability of particular access routes; and e) all Costs due to non-suitability or non-availability, for the use required by the Contractor, of access routes shall be borne by the Contractor.
5.4.7	Add Clause 5.4.7 The Contractor shall note that access to the different Sub-Installations and Sections may be given at different times and that portions of the Works on any Sub-Installation or Section can only commence after Access Certificate to the Sub-Installation or Section has been given by the Engineer in writing.
5.8.1	**Amend and add to Clause 5.8.1** **Non-working times** Non-working hours are from 15:00hrs or sunset of the current day to 07:00hrs or sunrise of the next day, whichever is earliest, on working days. Working hours shall be limited to 8 hours per day unless the Engineer's written permission is obtained. The non-working days are: **Saturdays and Sundays**
	The special non-working days during the Repair, Upgrade and/or New Installation Phase are: a. National Public Holidays b. The Builder's Holiday (Construction industry annual shutdown in December and January of every year)

5.8.3	Add clause 5.8.3: No work shall be executed on the Site on non-working days, or outside the normal working hours stated in the Contract Data, unless: a. Otherwise stated in the Contract; b. The Steering Committee gives consent; or c. The work is unavoidable or necessary for the protection of life or property or for the safety of the Works, in which case the Contractor shall immediately give a Notice to the Engineer with reasons and describing the work required. Non-working times will not apply to breakdowns where critical repairs need to be carried out immediately. The Engineer to classify nature of breakdown and will not unnecessarily withhold permission where such repairs are required.
5.9.1	Amend Clause 5.9.1 as follows: On the Commencement Date, the Engineer shall deliver to the Contractor three (3) copies, at no cost to the Contractor, of drawings and any instructions required for the commencement of the Works. The cost of any additional copies of such drawings and/or instructions, as may be required by the Contractor, will be for the account of the Contractor.
5.13.1	**Penalties for failing to complete Works on time** The penalties for failing to complete the whole of the Repair, Upgrade and/or New Installation of Integrated Security Systems works for the Installation (St Albans Correctional Facility) is: **0.0275% per day** of the Tendered amount.
5.14.1	Amend the second paragraph of Clause 5.14.1 as follows: When the Works are about to reach the said stage, the Contractor shall, in writing, request a Certificate of Practical Completion and the Engineer shall, within 14 days after receiving such request, issue to the Contractor a written list setting out the work to be completed to justify Practical Completion. Should the Engineer not issue such a list within the 14 days, the Contractor shall notify the Employer accordingly. Should the Employer not issue such a list within 7 days of receipt of such notice, Practical Completion shall be deemed to have been achieved on the 21st day after the Contractor requested the Certificate of Practical Completion from the Engineer.
5.14.4	Amend the Clause 5.14.4 as follows: As soon as the work referred to in the further list in terms of Clause 5.14.2 has been duly completed for all Installations of a particular Project, the Engineer shall deliver to the Contractor and the Employer a Certificate of Completion for the Project.
5.14.8	Add Clause 5.14.8 as follows: The following activities, certificates of compliance and documentation shall be required (excluding others that may be required by the local/national authority) from the Contractor to achieve Practical Completion: i. **General** • Training of end users on equipment, etc. • Maintenance and Operational manuals • All applicable guarantees. **ii. Building** • Certificate from Contractor that all aspects of the Construction Regulations have been complied with.

	• Certificate from the contractor that the National Building Regulations have been complied with • Occupation Certificate • Occupational Health and Safety certificate **iii. Engineering** • An electrical certificate of compliance • A Certificate of Compliance and Fire Clearance Certificate from Contractor and Fire Chief respectively. • All mechanical certificate of compliance. • All structural certificate of compliance. • A fencing certificate of compliance. • A smoke extraction certificate of compliance. • A fire signage certificate of compliance. • A generator guarantees. • Testing Commissioning reports
5.16.1	Amend Clause 5.16.1 as follows: i. Replace the sentence "Such Final Approval Certificate shall be delivered by the Engineer as soon as practicable after the completion of the whole of the Works or of the expiration of the Defects Liability Period, whatever the case may be, or as soon thereafter as any works ordered during such period pursuant to Clauses 5.14.4, 7.7 and 7.8 shall have been completed in accordance with the Contract." with "Such Final Approval Certificate shall be delivered by the Engineer as soon as practicable in the following instances: • **Final Approval Certificate for Repair, Upgrade and/ or New Installation Work:** After the expiration of the 12-Month Defects Liability Period for the Installation; • **Final Approval Certificate for the 36-Month Fixed Term Maintenance:** After the expiration of the 3-Month Defects Liability Period for Maintenance Work commencing at the end of the 36-Month Fixed Term Maintenance Period for the Installation; • **Final Approval Certificate for the Project:** After the issuance of the Final Approval Certificate of the 36-Month Fixed Term Maintenance for the Installation; • Or as soon thereafter as any works ordered during such period pursuant to Clauses 5.14.4, 7.7 and 7.8 shall have been completed in accordance with the Contract." ii. Delete the proviso in the third paragraph of this clause.
5.16.2	Amend Clause 5.16.2 as follows: No certificate other than the Final Approval Certificate referred to in Clause 5.16.1 shall be deemed to constitute approval of the Works or shall be taken as an admission of the due performance of the Contract or any part thereof, nor of the accuracy of any claim made by the Contractor, nor shall any other certificate exclude or prejudice any of the powers of the Engineer and/or the Employer.
5.16.3	Add to Clause 5.16.3 as follows:

	The latent defect period for Electrical, Electronic and Mechanical Works: **10 years**.
6.2.1	Amend Clause 6.2.1 as follows: The type of security for the due performance of the repair, upgrade and/or new installation works of the Contract, as selected by the Contractor in the Contract Data, must be delivered to the Employer. The security to be provided for the repair, upgrade and/or new installation works by the Contractor shall be one of the following: (a) Fixed performance guarantee of 10% of the awarded tender amount for repair, upgrade and/ or new installation works (excl. VAT) ☐ **YES** or ☐ **NO** (b) Fixed performance guarantee of 5% of the awarded tender amount for repair, upgrade and/ or new installation works plus retention of 5 % of the awarded tender amount for repair, upgrade and/ or new installation works (excl. VAT) ☐ **YES** or ☐ **NO** ***Note that the above-mentioned awarded tender amount includes allowance for contingencies, operational damage and Contract Price Adjustment.*** The security for the due performance of all maintenance works shall be retention of 10% of the awarded tender amount of Maintenance Works (excl. VAT) (i.e. 10% shall be deducted from the certified payment amounts for maintenance due to the Contractor). ***NB: Guarantees submitted must be issued by either an insurance company duly registered in terms of the Short-Term Insurance Act, 1999 (Act 5 of 1999) or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990) on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.***
6.2.3	Amend Clause 6.2.3 as follows: The Contractor shall ensure that the Performance Guarantee provided remains valid and enforceable as required in terms of the Contract.
6.4.1.3	Amend Clause 6.4.1.3 as follows: Where work cannot reasonably be valued in accordance with Clause 6.4.1.1 or 6.4.1.2, the contractor shall submit copies of purchase orders, delivery notes, all related invoices, time sheets and any other documents relating to the procurement of material and services to the Employer/employers agent to assist with the determination of a reasonable value in terms of this clause.
6.5.1.2.3	The percentage allowance to cover overhead charges is: **33%, except on material cost where the percentage allowance is 10%.**
6.6.1.2	Amend Clause 6.6.1.2 and 6.6.1.2.1 as follows: work carried out by a subcontractor appointed in terms of clause 4.4.4, shall be valued in accordance with clause 6.6.1.1

6.6.1.2.1	The contractor shall be paid a total of 7.5% of the subcontractors value of the work as commissions, attendance and profit in the event that the works are valued using non scheduled rates and prices provided by the subcontractor and verified and approved by the Employers agent.
6.8.2	Contract Price Adjustment (CPA) will be applicable to this contract. The value of payment certificates is to be adjusted by a Contract Price Adjustment Factor. The Contract Price Adjustment Factor shall be calculated to six decimal places. The urban area nearest to the Project site is Gqebera: The applicable industry for the Producer Price Index for materials is Electrical Engineering. The area for the Producer Price Index for fuel is Qqebera. *(Select the area from Statistical News Release, P01421, Table 6.)* Note: Contract Price Adjustment (CPA) will be applicable to all phases of this contract including Repair, Upgrade and/or New Installation, 12-month Detects Liability with Maintenance and 36-Month Fixed-Term Maintenance. The base month is September 2022***.*** *(The month prior to the closing of the tender.)*
6.8.3	Price adjustments for variations in the costs of special materials are not allowed.
6.9.6	Add to Clause 6.9.6 as follows: **Materials, Goods etc to be supplied by the Employer** The Employer is in possession of various electronic and other construction materials that will be issued to the Contractor for the use in the construction of the work. These materials are stored at the facility and will be issued to the contractor for the work. (Procured for the construction of the works under a previous contract) The Employers engineers have assessed such materials and shall ensure that the materials issued to the contractor are suitable for the work. A supplementary agreement shall be concluded between the Employer and the Contractor for the supply of such materials and for the Employers recovery of cost as a set off against payment certificates issued to the Contractor. The Employer is in possession of records indicating the price paid for such materials. These prices will be used to value the recovery from the Contractor. An inventory of such materials will be undertaken jointly with the Employers agent and the contractor before handover of such material to the contractor for safekeeping and use for the works.
6.10.1.5	Amend Clause 6.10.1.5: The value up to the percentage limit stated in the Contract Data of the Equipment, Plant and Materials referred to in Clause 6.9.1 not yet built into the Permanent works. <u>There will be no compensation for materials off site.</u> The percentage advance on materials delivered to site and not yet built into the Permanent Works

	is: **90 %**. No deposits or cash advances as interim payments for materials being fabricated or stored off site or for the procurement of long lead items shall be certified for payment
6.10.3	Where the Contractor selects Option (b) in Clause 6.2.1, the limit of retention money shall be 5% of the awarded tender amount for the repair, upgrade and/ or new installation works. The limit of retention money for Maintenance shall be 10% of the awarded tender amount for all Maintenance Works.
6.10.5	Replace Clause 6.10.5 with the following: <u>Where the Contractor elects a security by means of a fixed guarantee of 5% of the awarded tender sum for the Repair, Upgrade and/ or New Installation works (excl. VAT) and a 5% retention of the of the awarded tender sum for the Repair, Upgrade and/ or New Installation works (excl. VAT)</u>, the fixed guarantee shall be refunded to the Contractor or returned to the guarantor, respectively, when the Engineer issues the Certificate of Completion in terms of Clause 5.14.4. The 5% retention of the Value of the Works (excl. VAT) for Repair, Upgrade and/or New Installation shall become due and payable when the Contractor becomes entitled, in terms of Clause 5.16.1, to receive the Final Approval Certificate(s) for the Repair, Upgrade and/or New Installation. <u>For all Maintenance Work, 10% retention shall apply.</u> 50% of the retention shall be released to the Contractor when the Engineer issues the Certificate of Completion of Maintenance in terms of clause 5.14.4. The remaining 50% of the retention for Maintenance Work shall be released in accordance with the provisions of the conditions of contract and will become due and payable when the Contractor becomes entitled, in terms of Clause 5.16.1, to receive the Final Approval Certificate for 36-Month Fixed Term Maintenance for the Installation.
6.10.9	**Amend** *'A Final payment Certificate, the amount of which shall be paid to the contractor within 28 days of the date of such certificate. To readas f ollows:* 'A Final payment Certificate, the amount of which shall be paid to the contractor within 30 days of the date of such certificate.
7.4.3	Insert the following at the end of Clause 7.4.3: 'Tests 'shall be deemed to include for on- and off-site testing, factory tests during and after fabrication, all inspections, testing during installation and commissioning and for final testing including the provision of all comprehensive training and operational manuals. The Contractor shall allow for and ensure that all operating systems and operating software are technically and functionally integrated in conjunction with the user departments representatives and operators and that all systems are fully commissioned and tested and operational in conformity with the Employer's requirements before practical completion is taken. The Contractor shall also allow for a minimum of 2 tests and training of all the user departments officials, operators and related personnel involved in the operations of the facility/facilities. A final test and training session shall be allowed for before the completion certificate is issued. Test certificates shall be provided to the Employer confirming all tests undertaken and clearly detailing the test results in terms of the contract.
7.9.1	Insert the following at the end of Clause 7.9.1: Provided that, should the Contractor on demand not pay the amount of such costs to the

	Employer, such amount may be determined and deducted by the Employer from any amount due to or that may become due to the Contractor under this or any other previous or subsequent contract between the Contractor and the Employer.
7.10	**Add Clause 7.11:** **Recoveries or Credit for old Materials from Demolitions etc** The Contractor will be required to return all reusable material and goods removed from existing buildings or installations to the Employers designated store soon after such items are removed from the buildings or installations. The contract sum shall, in their pricing, therefore allow for the loading, delivery, offloading of such items to the Employer's storage facility. Tenderers shall also allow for all temporary storage and protection of these items on the site of the works until such items are returned to the Employers storage facility. A schedule of all recoverable items expected to be returned to the Employer shall be agreed between the Employer's representative and the Contractor at the site handover. Items not included in such schedule shall be deemed to be the Contractor's property upon demolition. Any credits to the employer for material from demolitions and installations not returned to the Employer shall be priced under the relevant section for credits in the bill of quantities. A records of these items will be captured on a schedule maintained by the principal agent.
	Add Clause 7.11:
7.11	**Maintenance During Defects Liability Period**
7.11.1	During the Defects Liability Period the Contractor shall undertake regular servicing and maintenance of all the Sub-Installations / equipment within the Installation in accordance with the maintenance control plan and the original equipment manufacturer's maintenance manuals.
7.11.2	All service and maintenance works will be compensated according to tendered rates for maintenance during this period. Latent defects, poor workmanship or bad design will be rectified at the Contractor's own expense.
7.11.3	Should the Contractor fail to hand over the Installation in good working order on the expiry of the Defects Liability Period, the Contractor shall be responsible for further monthly maintenance until final delivery is taken.
7.11.4	If any defects are not remedied by the Contractor within the time stipulated by the Engineer, the Employer may proceed to do or cause to be done the work at the Contractor's risk and expense, without prejudice to any other rights which the Employer may have against the Contractor in respect of the failure of the Contractor to remedy such defects.
7.11.5	Remuneration for monthly Maintenance for portions of the Installation which have achieved Sectional Completion shall be calculated as follows: $$MMS = \frac{\text{CWS}}{\text{TWSI}}\ x\ TMSI$$ *MMS = Monthly Maintenance amount for the portion of Sub-Installation in the particular Section* *CWS = Certified Value of the completed works of the Sub-Installation within the Section* *TWSI = Tendered amount for completing all works for the entire Sub-Installation* *TMSI = Tendered Monthly Maintenance amount for the entire Sub-Installation.*

7.11.6	Where Sectional Completion has been achieved, the Section completed shall be under Defects Liability Period prior to Completion commencing from the date of Sectional Completion to the date of Completion for the Installation. Remuneration for Defects Liability Period prior to Completion of an Installation per month for portions of the Installation which have achieved Sectional Completion shall be calculated as follows: $$MDS = \frac{\text{CWS}}{\text{TWSI}} \; x \; MDSI$$ *MDS = Monthly Defects Liability amount for the portion of Sub-Installation in the particular Section* *CWS = Certified Value of the completed works of the Sub-Installation within the Section* *TWSI = Tendered amount for completing all works for the entire Sub-Installation* *MDSI = Tendered Monthly Defects Liability amount for the entire Sub-Installation during Defects Liability Period prior to Completion of an Installation.*
7.11.7	Maintenance Downtime After a breakdown has been logged and forwarded to the Contractor, the Contractor shall be expected to minimise the maintenance down-time until the system component(s) is fully operational to the satisfaction of the Engineer. Should the Contractor not respond within the maximum down-time, the Engineer or Employer may arrange, at the cost of the Contractor, for the necessary repair work to be done by others. The maximum maintenance down-time for breakdowns and associated payment reductions for exceeding the maintenance down-time for different types of breakdowns are given below:

REQUIRED MAINTENANCE	**MAXIMUM DOWNTIME ALLOWED**	**PAYMENT REDUCTION IF EXCEEDED**
Fatal breakdown	Zero (immediate response)	R3 300/hour
Emergency Breakdown - General Emergency Breakdown - MCDC	48 hours 24 hours	R2 500/day R5 000/day
Ordinary Breakdown	3 days	R1 000/day
Operational damage repair	3 days	R1 000/day

Should the Contractor not be able to complete the required remedial work within the maximum down-time period allowed, it shall be his responsibility to obtain extension of down-time from the Engineer. The written report shall clearly state the reasons for the extension, as well as the actual extension required.

	Add Clause 7.12:
7.12 7.12.1	Warranties and Warranty Validity The Contractor shall warrant that all materials, equipment, plant and workmanship shall be of the highest standard and the equipment shall be installed in a practical, fit-for-purpose and functional manner in accordance with the best practices, standards and specifications, ready and complete for full operation.
7.12.2	The Contractor shall ensure warranty validity for all equipment is at least up to the end of the 12-Month Defects Liability Period.
7.12.2.1	Where the Engineer or Employer requests early installation or usage of equipment (e.g. X-ray Machines, Walk-through Metal Detectors), the Contractor shall extend the warranty and Defects Liability Period for the equipment from the date of operational usage to the effective date of the Certificate of Completion.
7.12.2.2	If the Contractor, in terms of this clause hereof, repairs or replaces any part of the Works, the terms of the Defect Liability to such repairs or replacements shall apply and commence from the date so repaired or replaced.
8.2.3	Insert the definition of "Operational Damage" as Clause 8.2.3: In the event of damage caused to the Installation, or any part thereof, the work to repair and/or replace necessary parts or equipment of the damaged Installation shall be performed by the Contractor. Where repair work became necessary as a result of Operational Damage caused by User Clients or their associates, the Contractor will be requested to: i. Perform work based on tendered rates for the supply, delivery and installation of material forming part of maintenance work, within the maximum down-time allowed for operational damage, where the Engineer rules that the damage has been caused through incorrect operation; ii. Submit three quotations for repair and/or replacement of the damaged unit, where tendered rates are not available and where the Engineer rules that the damage has been caused through incorrect operation; iii. Perform the work on receipt of an order from the Engineer, within the time offered as part of the quotation; iv. Notify the Engineer well in advance of completion of the repair work to enable inspection. Determining whether damage caused to the Installation had been caused through incorrect operation by people other than the Contractor shall rest with the Engineer. Damage caused by the employees, suppliers, subcontractors, etc of the Contractor, shall be repaired by the Contractor at his own cost.
8.2.2.1	Insert the following as a second paragraph to Clause 8.2.2.1: The Contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the Works and to rebuild, restore, replace and/or repair the Works, failing which the Employer may cause the same to be done by others and recover reasonable costs associated therewith from the Contractor.
8.4.3	Insert a new Clause 8.4.3 as follows: The Contractor shall on receiving a written instruction from the Engineer immediately proceed at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such

	property and to execute the Works.
8.6.1.1.1	Amend Clause 8.6.1.1.1 to read as follows: Total Contract Value of the Repair, Upgrade and/or New Installation Work plus 25%.
8.6.1.1.2	The value of Plant and materials supplied by the Employer to be included in the insurance sum is: **Nil**
8.6.1.1.3	The amount to cover professional fees for repairing damage and loss to be included in the insurance sum is: **Nil**
8.6.1.3	Amend Clause 8.6.1.3 to delete reference to limit of indemnity, to read as follows: Liability insurance that covers the Contractor against liability for the death of, or injury to any person, or loss of, or damage to any property (other than property while it is insured in terms of Clause 8.6.1.1) arising from or in the course of the fulfilment of the Contract, from the Commencement Date to the date of the end of the Defects Liability Period is R20mil. per claim
8.6.1.5	**Public liability insurance cover** to be put in place by the Contractor to a minimum value of: ☐ R5 million **or** ☒ R ***20 (twenty) million*** With a deductible not exceeding 5% of each and every claim.
8.6.5	Amend Clause 8.6.5 as follows: Save as otherwise provided in the Contract Data, the insurances referred to in Clause 8.6.1 shall be effected with an insurance company registered in the Republic of South Africa. The Contractor shall submit the insurance policy to the Employer for approval, if so requested.
8.6.7	Amend Clause 8.6.7 as follows: If the Contractor fails to effect and keep in force any of the insurances referred to in Clause 8.6.1, the Employer may cancel the Contract in terms of Clause 9.2.
8.6.8	Insert Clause 8.6.8 in provide for high risk insurance for projects executed on areas classified as "High Risk Areas". **HIGH RISK INSURANCE** In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply: (1) **Damage to the Works** The Contractor shall, from the date of Commencement of the Works until the date of the Certificate of Completion, bear the full risk of and hereby indemnifies and holds harmless the Employer against any damage to and/or destruction of the Works consequent upon a

	catastrophic ground movement as mentioned above. The Contractor shall take such precautions and security measures and other steps for the protection of the Works as he may deem necessary. When so instructed to do so by the Engineer, the Contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the Works and to rebuild, restore, replace and/or repair the Works, at the Contractor's own costs. (2) **Injury to Persons or Loss of or damage to Properties** The Contractor shall be liable for and hereby indemnifies and holds harmless the Employer against any liability, loss, claim or proceeding arising during the Contract Period whether arising in common law or by Statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above. The Contractor shall be liable for and hereby indemnifies the Employer against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable or personal property or property contiguous to the Site, whether belonging to or under the control of the Employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the Contract Period. (3) It is the responsibility of the Contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in Clauses 8.6.8(1) and 8.6.8 (2) above. Without limiting his obligations in terms of the Contract, the Contractor shall, within 21 days of the Commencement Date and before Commencement of the Works, submit to the Employer proof of such insurance policy, if requested to do so. (4) The Employer shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the Contractor's default of his obligations as set out in Clauses 8.6.8 (1), 8.6.8 (2) and 8.6.8 (3). Provided that, should the Contractor on demand not pay the amount of such costs to the Employer, such amount may be determined and deducted by the Employer from any amount due to or that may become due to the Contractor under this or any other existing or subsequent contract between the Contractor and the Employer.
9.1.4	Amend Clause 9.1.4 as follows: In the circumstances referred to in Clauses 9.1.1, 9.1.2 or 9.1.3 (provided that the circumstances in 9.1.3 is not due to the fault of the Contractor, his employees, contractors or agents), and whether or not the Contract is terminated under the provisions of this Clause, the Contractor shall be entitled to payment of any increased cost of or incidental to the execution of the Works which is specifically attributable to, or consequent upon the circumstances defined in Clauses 9.1.1, 9.1.2 or 9.1.3;
9.1.5	Amend Clause 9.1.5 as follows: If the Contract is terminated on any account in terms of this Clause (provided that the circumstances in 9.1.3 is not due to the fault of the Contractor, his employees, contractors or agents) , the Contractor shall be paid by the Employer (insofar as such amounts or items have not already been covered by payments on account made to the Contractor) for all measured work

	executed prior to the date of termination, the amount (without retention), payable in terms of the Contract and, in addition:
9.1.3	Amend Clause 9.1.3: Where the Contract or part thereof, is for alterations and/or additions to an existing structure and such existing structure is substantially destroyed, the Employer reserves the right to terminate or amend the Contract.
9.1.5.2	**Add to Clause 9.1.5.2** Shall be applicable to plant, materials or goods on the site of the Works in an acceptable condition and in accordance with the specifications in the contract including all warranties, guarantees etc. and any other plant, materials or goods readily available for delivery to the site at the time of termination of the contract. Plant, materials or goods ordered for the works shall be those materials timeously ordered in accordance with the approved construction programme or any long lead items approved for ordering by the Employer. The Employer shall take possession of or be given ownership of such materials, goods etc providing that the contractual and commercial terms and conditions for procurement between the Contractor and his service providers do not place any undue encumbrances on the Employer not stated in the contract.
9.2.1.3.8	Insert a new Clause 9.2.1.3.8 as follows: Has failed to effect and keep in force any of the insurances referred to in Clause 8.6.1,
9.2.1.3.9	Insert a new Clause 9.2.1.3.9 as follows: The Employer reserves the right to terminate the contract with immediate effect should: 9.2.1.3.9.1 The Joint Venture Agreement be dissolved or any of the JV partners exit the JV Agreement for any reasons whatsoever. 9.2.1.3.9.2 The replacement JV partner/s does/do not comply with the BBBEE threshold stipulated in the document. 9.2.1.3.9.3 The BBBEE status of the Joint Venture be changed to a lower rate than the bidding rate, based on legislation applicable at the time of tender closing.
9.2.4	Insert a new Clause 9.2.4 as follows, to provide for unilateral termination by the Employer: The Employer shall be entitled at any time to unilaterally terminate or cancel this Contract or any part thereof. Save for the following, the Contractor shall not be entitled to claim any other amounts whatsoever in respect of such termination or cancellation of this Contract. The Employer shall be obliged to pay the Contractor as damages and/or loss of profit the lesser of: 9.2.4.1 An amount not exceeding 10% of the Contract Sum; 9.2.4.2 10% of the value of incomplete work; or 9.2.4.3 The Contractor's actual damage or loss as determined by the Employer after receipt of evidence substantiating any such damage or loss.
9.3.2.2	Amend Clause 9.3.2.2 as follows to delete the proviso on lien: The ownership of Plant and unused materials brought onto the Site by the Contractor, and for

	which the Employer has not made any payment, shall revert to the Contractor and he shall, with all reasonable dispatch, remove from the Site such Plant, materials and all Construction Equipment and Temporary Works.
9.3.3	Insert the following at the end of Clause 9.3.3 After cancellation of the Contract by the Contractor, the Contractor, when requested by the Employer to do so, shall not be entitled to refuse to withdraw from the Works on the grounds of any lien or a right of retention or on the grounds of any other right whatsoever.
10.1.3.1	Amend Clause 10.1.3.1 as follows to insert the word "Plant": All facts and circumstances relating to the claims shall be investigated as and when they occur or arise. For this purpose, the Contractor shall deliver to the Engineer, records in a form approved by the Engineer, of all the facts and circumstances which the Contractor considers relevant and wishes to rely upon in support of his claims, including details of all Construction Equipment, labour, Plant and materials relevant to each claim. Such records shall be submitted promptly after the occurrence of the event giving rise to the claim.
10.1.6	Insert a new Clause 10.1.6 as follows: If the Employer fails to give his ruling within the period referred to in Clause 10.1.5 he shall be deemed to have given a ruling dismissing the claim.
10.2.1	Amend Clause 10.2.1 as follows: In respect of any matter arising out of or in connection with the Contract, which is not required to be dealt with in terms of Clause 10.1 or which does not require the decision or ruling of the Employer, the Contractor or the Employer shall have the right to deliver a written dissatisfaction claim to the Engineer. This written claim shall be supported by particulars and substantiated.
10.2.2	Amend Clause 10.2.2 as follows: If, in respect of any matter arising out of or in connection with the Contract, which is not required to be dealt with in terms of Clause 10.1 or which does not require the decision or ruling of the Employer, the Contractor or the Employer fails to submit a claim within 28 days after the cause of dissatisfaction, he shall have no further right to raise any dissatisfaction on such matter.
10.3.2	Amend Clause 10.3.2 as follows to replace "adjudication" with "court": If either party shall have given notice in compliance with Clause 10.3.1, the dispute shall be referred to court proceedings in terms of Clause 10.8, unless amicable settlement is contemplated.
10.3.3	Replace "Employer's Agent" with "Employer".
10.4.2	Amend Clause 10.4.2 as follows to provide for submission to court: If the other party rejects the invitation to amicable settlement in writing or does not respond in writing to the invitation with 14 days, or amicable settlement is unsuccessful, either party may submit the dispute to court.
10.4.4	Amend Clause 10.4.4 to delete reference to "adjudication" and "arbitration" to read as follows: Save for reference to any portion of any settlement or decision which has been agreed to be final and binding on the parties, no reference shall be made by or on behalf or either party in any subsequent court proceedings, to any outcome of an amicable settlement, or to the fact that any

	particular evidence was given, or to any submission, statement or admission made in the course of the amicable settlement.
10.5, 10.6 & 10.7	The entire provisions of these Clauses are not applicable to this Contract.
10.10.3	Amend Clause 10.10.3 as follows to reword and remove reference to "arbitrator": The court shall have full power to open up, review and revise any ruling, decision, order, instruction, certificate or valuation of the Engineer and Employer and neither party shall be limited in such proceedings before such court to the evidence or arguments put before the Engineer or Employer for the purpose of obtaining his ruling.

PART 2: DATA TO BE PROVIDED BY THE CONTRACTOR

	PART 2: DATA PROVIDED BY THE CONTRACTOR
1.1.1.9	The name of the Contractor is:
1.2.1.2	The address of the Contractor is: Physical Address: Postal Address: Facsimile: Telephone:
6.2.1	The type of security for the due performance of the repair, upgrade and/or new installation works of the Contract, as selected by the Contractor in the Contract Data, must be delivered to the Employer. The security to be provided for the repair, upgrade and/or new installation works by the Contractor shall be one of the following: (a) Performance guarantee of 10% of the awarded tender amount for repair, upgrade and/ or new installation works (excl. VAT) ☐ **YES** or ☐ **NO** (b) Performance guarantee of 5% of the awarded tender amount for repair, upgrade and/ or new installation works plus retention of 5 % of the awarded tender amount for repair, upgrade and/ or new installation works (excl. VAT) ☐ **YES** or ☐ **NO** ***Note that the above-mentioned awarded tender amount includes allowance for contingencies, operational damage and Contract Price Adjustment.*** The security for the due performance of the maintenance works shall be retention of 10% of the awarded tender amount of Maintenance Works (excl. VAT) (i.e. 10% shall be deducted from the certified payment amounts for maintenance due to the Contractor). ***NB: Guarantees submitted must be issued by either an insurance company duly registered in terms of the Short-Term Insurance Act, 1999 (Act 5 of 1999) or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990) on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.***

ANNEXURES

ANNEXURE 1: SBD 6.2 Local Content Declaration – Guidance Document for the Calculation of Local Content

Please refer to the attached guideline.

ANNEXURE 2: Proforma Fixed Performance Guarantee

Please see attached:

- Fixed Performance Guarantee 10%; and
- Fixed Performance Guarantee 5%.

PRICING INSTRUCTIONS – (GCC (2015) 3rd EDITION: 2015)

Project title:	PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY IN GQEBERHA – EASTERN CAPE
Tender no:	**DCS05ECAN002/WP1/C3**

C2.1 Pricing Instructions

1. GENERAL

The Bill of Quantities forms part of the Contract Documents and must be read and priced in conjunction with all the other documents comprising the Contract Documents, which include the Conditions of Tender, Conditions of Contract, the Specifications (including the Standard, Project and Particular Specifications) and the Drawings.

2. DESCRIPTION OF ITEMS IN THE SCHEDULE

The Bill of Quantities has been drawn up generally in accordance with Civil Engineering Quantities issued by the SA Institution of Civil Engineers.

The short descriptions of the items in the Bill of Quantities are for identification purposes only and the measurement and payment clause of the Standardized Specifications and the Particular Specifications, read together with the relevant clauses of the Project Specification and directives on the drawings, set out what ancillary or associated work and activities are included in the rates for the operations specified.

3. QUANTITIES REFLECTED IN THE SCHEDULE

The quantities given in the Bill of Quantities are estimates only, and subject to remeasuring during the execution of the work. The Contractor shall obtain the Engineer's detailed instructions for all work before ordering any materials or executing work or making arrangements for it.

The Works as finally completed in accordance with the Contract shall be measured and paid for as specified in the Bill of Quantities and in accordance with the General and Special Conditions of Contract, the Standard, Project and Particular Specifications and the Drawings. Unless otherwise stated, items are measured net in accordance with the Drawings, and no allowance has been made for waste.

The validity of the contract will in no way be affected by differences between the quantities in the Bill of Quantities and the quantities finally certified for payment.

4. PROVISIONAL SUMS

Where Provisional sums or Prime Cost sums are provided for items in the Bill of Quantities, payment for the work done under such items will be made in accordance with Clause 45 of the General Conditions of Contract 2004. The Employer reserves the right, during the execution of the works, to adjust the stated amounts upwards or downwards according to the work actually done under the item, or the item may be omitted altogether, without affecting the validity of the Contract.

The Tenderer shall not under any circumstances whatsoever delete or amend any of the sums inserted in the "Amount" column of the Bill of Quantities and in the Summary of the Bill of Quantities unless ordered or authorized in writing by the Employer before closure of tenders. Unauthorized changes made by the Tenderer to provisional items in the Bill of Quantities, or to the provisional percentages and sums in the Summary of the Bill of Quantities will lead to the disqualification of the Tenderer.

5. PRICING OF THE BILL OF QUANTITIES

The prices and rates to be inserted by the Tenderer in the Bill of Quantities shall be the full inclusive prices to be paid by the Employer for the work described under the several items, and shall include full compensation for all costs and expenses that may be required in and for the completion and maintenance during the defects liability period of all the work described and as shown on the drawings as well as all overheads, profits, incidentals and the cost of all general risks, liabilities and obligations set forth or implied in the documents on which the Tender is based.

Each item shall be priced and extended to the "Total' column by the Tenderer, with the exception of the items for which only rates are required, or items which already have Prime Cost or Provisional Sums affixed thereto. If the Tenderer omits to price any items in the Bill of Quantities, then these items will be considered to have a nil rate or price.

All items for which terminology such as "inclusive" or "not applicable" have been added by the Tenderer will be regarded as having a nil rate which shall be valid irrespective of any change in quantities during the execution of the Contract.

The Tenderer shall fill in rates for all items where the words "rate only' appear in the "Total" column. "Rate Only" items have been included where:

(a) an alternative item or material is contemplated;

(b) variations of specified components in the make-up of a pay item may be expected; and

(c) no work under the item is foreseen at tender stage but the possibility that such work may be required is not excluded.

For 'Rate Only" items no quantities are given in the "Quantity" column but the quoted rate shall apply in the event of work under this item being required. The Tenderer shall however note that in terms of the Tender Data the Tenderer may be asked to reconsider any such rates which the Employer may regard as unbalanced.

All rates and amounts quoted in the Bill of Quantities shall be in rands and cents and shall include all levies and taxes (other than VAT). VAT will be added in the summary of the Bill of Quantities.

The Tenderer shall be deemed to have inspected and examined the Site and its surroundings and information available in connection therewith and to have satisfied himself before submitting his tender (as far as is practicable) as to:

(a) the form and nature of the Site and its surroundings, including subsurface conditions,

(b) the hydrological and climatic conditions,

(c) the extent and nature of work and materials necessary for the execution and completion of the Works,

(d) the means of access to the Site and the accommodation he may require
and, in general, shall be deemed to have obtained all information (as far as is practicable) as to risks, contingencies and all other circumstances which may influence or affect his Tender.

(e) Tendered rates shall be inclusive of all required scaffolding (designed and erected to be safe, secure and stable), builder's work and making good. Rates/ pricing to also include all fittings, fixtures accessories etc required to make the installation complete.

6. CORRECTION OF ENTRIES

Incorrect entries shall not be erased or obliterated with correction fluid but must be crossed out neatly. The correct figures must be entered above or adjacent to the deleted entry, and the alteration must be initialed by the Tenderer.

7. ARITHMETICAL ERRORS

Arithmetical errors found in the Bill of Quantities as a result of faulty multiplication or addition, will be corrected by the Engineer at the tender evaluation stage, as set out in the Tender Data.

8. UNITS OF MEASUREMENT

The units of measurement described in the Bill of Quantities are metric units for which the standard international abbreviations are used. Non-standard abbreviations which may appear in the Bill of Quantities are as follows:

No.	=	Number
%	=	Percent
Sum	=	Lump sum
PCsum	=	Prime cost sum
Prov sum	=	Provisional sum
m^3.km	=	Cubic metre - kilometre
Km-pas	=	kilometre - pass
m^2.pass	=	square metre – pass

C2.2 Bill of Quantities

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 1: Preliminary & Generals				
1.1	Compliance with General Conditions of Contract, Insurances, Sureties, Travelling, Out of Town Allowances				
1.1.1	Fixed	Sum	1		
1.1.2	Value Related	Sum	1		
1.2.3	Time Related	Month	12		
1.2	Establishment on site and provision of buildings and storage facilities including de-establishment of site, cleaning and tidying up in the course of the contract				
1.2.1	Fixed	Sum	1		
1.2.2	Value Related	Sum	1		
1.2.3	Time Related	Month	12		
1.3	Full time contract management and supervision of the works including liason with other Contractors and submission of installation programme including weekly revisions thereto from time to time or as may be required by the Engineer				
1.3.1	Fixed	Sum	1		
1.3.2	Value Related	Sum	1		
1.3.3	Time Related	Month	12		
1.4	Provision of Shop Drawings and Builders Work Drawings for approval	Sum	1		
1.5	Liaison with Local Authority, compliance with O.H.S. Act, Local By-Laws and any other statutory regulations	Month	12		
1.6	Liason with DCS and compliance with DCScorporate and safety regulations and any other DCS requirments	Month	12		
1.7	Any additional item not specifically mentioned or included in the Bill of Quantities and for which the Tenderer may wish to detail	Sum	1		
1.8	Security and Identification. The tenderer must price for his staff to wear distinctive overalls / work clothes, bibs and hard hats for the duration of the contract. Name tags must also be provided to all employees on site whether in work clothes or not	Sum	1		
				TOTAL CARRIED FORWARD TO NEXT PAGE	

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE				
1.9	Provide a Health and Safety Plan in accordance with the OHS Act, Construction Regulations, attand H&S meetings called by the Main Contractor, report on compliance with H&S Plan, appoint H&S representative and manage H&S Plan for the duration of the contract				
1.9.1	Fixed	Sum	1		
1.9.2	Value Related	Sum	1		
1.9.3	Time Related	Month	12		
1.10	Provide for additional H&S requirments. Masks, daily temperature measurments and recording, protective gear and any additional PPE requirments for COVID protocol compliance				
1.10.1	Fixed	Sum	1		
1.10.2	Value Related	Sum	1		
1.10.3	Time Related	Month	12		
1.11	Compliance with Principal Contractor requirments and charges listed in Part III: SPECIAL CONDITIONS - MAIN CONDRACTOR SPECIAL CONDITIONS FOR SUB CONTRACTORS				
1.11.1	Fixed	Sum	1		
1.11.2	Value Related	Sum	1		
1.11.3	Time Related	Month	12		
1.12	Provision for special testing to be spent as directed by the Consulting Engineer	Sum	1		R 50 000.00
1.13	Needs Analysis and Enterprise Development Plan per Targeted Enterprise	No.	12		
	Monitoring and Interim reporting per targeted enterprise	Per Quarter	5		
	Project Completion report per Targeted Enterprise	No.	12		
1.14	Provisional sum of 3.0% of entire cost of works, for Occupational Health and Safety , to be used at the discretion of the Occupational Health and Safety professional	Sum	1		
	TOTAL CARRIED FORWARD TO SUMMARY				

ITEM NO.	DESCRIPTION	UNIT	QTY	Drawings QTY	RATE	AMOUNT
	SECTION 2: Doors					
1	Heavy Duty type Flush Mounted Door Closer as per the GENERAL SPECIFICATION (Supplied, Installed, Tested and Commissioned).					
	Supply	No	17	17		
	Install	No	17	17		
2	Medium Duty type Flush Mounted Door Closer as per the GENERAL SPECIFICATION (Supplied, Installed, Tested and Commissioned).					
	Supply	No	9	9		
	Install	No	9	9		
3	Supply of 10% of tools and spares for All Doors and Locks (Supplied and Stored in the Clients Storage facility, supplied for this purpose).	SUM		1		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE					

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 3: Intercoms				
1	CAT-6 UTP [multi-strand] cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	3360		
	Install	m	3360		
2	1.0mm² x 3 core PVC/PVC Cabtyre [multi-strand] fire retardant cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	100		
	Install	m	100		
3	RJ-45 connectors complete with boot (Supplied, Installed, Tested and Commissioned).				
	Supply	No	250		
	Install	No	250		
4	IP Central Control Audio Microphone/Speaker set as per the GENERAL SPECIFICATION including all miscellaneous items required to make this installation complete (Supplied, Installed, Adjusted, Tested and Commissioned). {Dual Ethernet ports for daisy chaining configuration}				
	Supply	No	4		
	Install	No	4		
5	IP Staff Intercom Station including back box as per the GENERAL SPECIFICATION including all miscellaneous items required to make this installation complete (Supplied, Installed, Adjusted, Tested and Commissioned). {Dual Ethernet ports for daisy chaining configuration}				
	Supply	No	84		
	Install	No	84		
6	19" Digital Audio Rack (Full featured VoIP PABX) Capable of handling 550 channels simultaneously. Complete with all the necessary communications cards and all accessories and miscellaneous items necessary to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	3		
	Install	No	3		
7	Software for all above-mentioned hardware capable of performing a minimum of all tasks as described in the GENERAL SPECIFICATION [supplied to the client on CD/DVD] (Supplied, Installed, Tested and Commissioned).	SUM	1		
	Supply				
	Install				
8	Development of a training manual and the supplying of training to the requirements as per specification and DPW.	Hrs	24		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
9	Integration and Configuration of the Intercom System as per the GENERAL SPECIFICATION.	SUM	1		
10	Panic/Duress Alarm Buttons (Supplied, Installed and Commissioned).				
	Supply	No	11		
	Install	No	11		
11	Supply and installation of an outdoor intercom pedestal and outdoor intercom inclusive of intercom back box and 1400mm mounting height bottom installed intercom and pedestal. The pedestal shall at least be galvanised and vandal proof. The pedestal shall have an activation magnet to avoid nuisance call-inns from members of the public. This shall include all other miscellaneous items to make this installation complete.				
	Supply	No	5		
	Install	No	5		
12	Supply of 10% of tools and spares for entire Intercom System (Supplied and Stored in the Clients Storage facility, supplied for this purpose).	SUM	1		
13	Terminations, Connectors & Labels for all the above mentioned hardware (Supplied, Installed, Tested and Commissioned).	SUM	1		
14	Commissioning of Head End Equipment.	SUM	1		
15	Commissioning of Intercoms.	SUM	1		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 4: Access Control				
1	Door Controllers Type 1 as per the GENERAL SPECIFICATION [1 door per controller] including all power supplies, backup batteries, terminations, brackets and fixing materials and all other accessories to make the installation complete (Supplied, Installed, Tested and Commissioned). {Note : Please attach the technical specification for the suggested door controller}				
	Supply	No	45		
	Install	No	45		
2	Door Controller additional I/O Board with a minimum of 4 inputs and 2 outputs, To be used with existing SDC520 devices				
	Supply	No	12		
	Install	No	12		
3	Door Position Switch - Suitable for outdoor Surface Mount as per the GENERAL SPECIFICATION complete with all accessories necessary to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No			
	Install	No			
4	Door Position Switch Type 3 - High Security Surface Mount as per the GENERAL SPECIFICATION complete with all accessories necessary to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	75		
	Install	No	75		
5	Door Position Switch Type 5 - Matched Pair Flush Mount for High Security Doors as per the GENERAL SPECIFICATION complete with all accessories necessary to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	17		
	Install	No	17		
6	Vandal Resistant Stainless Steel Panic Button including all fixing materials and other accessories to make the installation complete (Supplied, Installed and Commissioned)				
	Supply	No	11		
	Install	No	11		
7	Remote panic buttons as per the GENERAL SPECIFICATION (Supplied, Installed, Tested and Commissioned).				
	Supply	No	32		
	Install	No	32		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY		
	Brought Forward				
8	Receivers for Remote panic buttons as per the GENERAL SPECIFICATION (Supplied, Installed, Tested and Commissioned).				
	Supply	No	16		
	Install	No	16		
9	BIOMETRIC READER TYPE 1 – FINGERPRINT – PC ACCESS CONTROL AND TAKE-ONS as per the GENERAL SPECIFICATION complete with all brackets and other accessories (Supplied, Installed, Tested and Commissioned).				
	Supply	No	10		
	Install	No	10		
10	BIOMETRIC READER TYPE 4 – FINGERPRINT : OUTDOOR (Vandal Proof) as per the GENERAL SPECIFICATION complete with all brackets and other accessories (Supplied, Installed, Tested and Commissioned).				
	Supply	No	62		
	Install	No	62		
11	Intercom Master Station, vandal resistant, 1mm stainless steel front plate tamperproof buttons and loudspeaker grills, PoE, 19-27VDC, 2 x RJ45 10/100 Mbit/sec, 1 x RJ11, IPv4, TCP- UDP, CCoIP, Telephony 3.4kHz, open duplex, capable of VOI statistics, tone test, centralised monitoring, network supervision and all accessories to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	2		
	Install	No	2		
12	Intercom Master Station, vandal resistant, 1mm stainless steel front plate tamperproof buttons and loudspeaker grills, PoE, 19-27VDC, 2 x RJ45 10/100 Mbit/sec, 1 x RJ11, IPv4, TCP- UDP, CCoIP, Telephony 3.4kHz, open duplex, capable of VOI statistics, tone test, centralised monitoring, network supervision and all accessories to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	84		
	Install	No	84		
13	Mylar cable [multi-strand] 0.5mm² x 8 core (Supplied, Installed, Tested and Commissioned).				
	Supply	m	6410		
	Install	m	6410		
14	CAT-6 UTP [multi-strand] cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	3200		
	Install	m	3200		
15	2.5mm² x 2 core PVC/PVC Cabtyre [multi-strand] fire retardant cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	800		
	Install	m	800		
16	8m Long x RS 232 Cable complete with connectors (Supplied, Installed, Tested and Commissioned).				
	Supply	No	100		
	Install	No	100		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
17	Copper cable joints for 1 Ω earth for each control and equipment room false floor. Earth every stand.				
	Supply	m2	456		
	Install	m2	456		
18	RJ-45 connectors complete with boot (Supplied, Installed, Tested and Commissioned).				
	Supply	No	1488		
	Install	No	1488		
19	Event Recording Printer as per the GENERAL SPECIFICATION (Supplied, Installed and Commissioned).	SUM			
	Supply				
	Install				
20	Reports Printer as per the GENERAL SPECIFICATION (Supplied, Installed and Commissioned).	SUM			
21	12V DC x 10A power supplies as per the GENERAL SPECIFICATION (Supplied, Installed, Tested and Commissioned)				
	Supply	No	57		
	Install	No	57		
22	12V DC x 5A Blue ginger power supplies as per the GENERAL SPECIFICATION (Supplied, Installed, Tested and Commissioned)				
	Supply	No	5		
	Install	No	5		
23	24V AC x 5A Blue ginger power supplies as per the GENERAL SPECIFICATION (Supplied, Installed, Tested and Commissioned)				
	Supply	No	60		
	Install	No	60		
24	Stainless Steel Camera / Biometric Reader/ Intercom Pedestals as per the detail drawing complete with rawl bolts, brackets, draw boxes and conduits etc. to make this installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	18		
	Install	No	18		
25	**Integration of** Sliding Gate Control System including infra-red beam detector [must be weather proof, robust and must have a reach of at least 8 m], loop detector [to act as warning or activation signal of the intercom call station to each and every vehicle that will enter the prison entrance gate at the vehicular sally port] (Supplied, Installed and Commissioned).	SUM	1		
26	Type A PLC : Door Controller with a single Ethernet port as per the GENERAL SPECIFICATION, including 8 digital inputs and 8 digital outputs as well as any special requirements that the tenderer may have to make this system fully functional (Supplied, Installed, Tested and Commissioned).				
	Supply	No	45		
	Install	No	45		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
27	Type B PLC : Door Controller with dual Ethernet ports as per the GENERAL SPECIFICATION, including 8 digital inputs and 8 digital outputs as well as any special requirements that the tenderer may have to make this system fully functional (Supplied, Installed, Tested and Commissioned).				
	Supply	No	45		
	Install	No	45		
28	Type C PLC : Door Controller with dual Ethernet ports as per the GENERAL SPECIFICATION, including 8 digital inputs and 8 digital outputs as well as any special requirements that the tenderer may have to make this system fully functional (Supplied, Installed, Tested and Commissioned).				
	Supply	No	45		
	Install	No	45		
29	Type D PLC Device : K- Bus end terminal per the SPECIFICATION, including any special requirements that the tenderer may have to make this system fully functional (Supplied, Installed, Tested and Commissioned).				
	Supply	No	45		
	Install	No	45		
30	Type E PLC : Basic CPU Module, E-Bus and Windows Embedded CE per the SPECIFICATION, including any special requirements that the tenderer may have to make this system fully functional (Supplied, Installed, Tested and Commissioned).				
	Supply	No	11		
	Install	No	11		
31	Type F PLC Device :Coupler for E-Bus terminals with integrated digital I/Os, 8 digital inputs, 24VDC, filter 3.0ms, 4 digital outputs, 24VDC,0.5A per the SPECIFICATION, including any special requirements that the tenderer may have to make this system fully functional (Supplied, Installed, Tested and Commissioned).				
	Supply	No	45		
	Install	No	45		
32	Type G PLC Device : EtherCAT extension I/Os, 8 digital inputs, 24VDC, filter 3.0ms, 4 digital outputs, 24VDC,0.5A per the SPECIFICATION, including any special requirements that the tenderer may have to make this system fully functional (Supplied, Installed, Tested and Commissioned).				
	Supply	No	45		
	Install	No	45		
33	Low Level (SQL Database) integration of the Biometric Readers to the Security Management Software such that a visitor can be added to a door for a preset amount of time and then deleted from the reader afterwards to ensure fast operation (Supplied, Installed, Tested and Commissioned).	SUM	1		
34	Integration and Configuration of the Access Control System as per the GENERAL SPECIFICATION.				
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
35	Integration and Configuration of the TYPE E PLC as per the GENERAL SPECIFICATION..	SUM	1		
36	Integration and Configuration of the Event Recording/Logging System as per the GENERAL SPECIFICATION..	SUM	1		
37	Integration and Configuration of the Control Panel PCs as per the GENERAL SPECIFICATION.	SUM	1		
38	Integration and Configuration of the CCTV System as per the GENERAL SPECIFICATION.	SUM	1		
39	Integration and Configuration of the Fence Systems as per the GENERAL SPECIFICATION.	SUM	1		
40	Integration and Configuration of the Biometric Systems as per the GENERAL SPECIFICATION.	SUM	1		
41	Integration and Configuration of the Intercom Systems or software as per the GENERAL SPECIFICATION.	SUM	1		
42	Supply of 10% of tools and spares for entire Access Control System (Supplied and Stored in the Clients Storage facility, supplied for this purpose).	SUM	1		
43	Terminations, Connectors & Labels for all the above mentioned hardware (Supplied, Installed, Tested and Commissioned).	SUM	1		
44	Commissioning of entire Access Control System	SUM	1		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 5: Control				
1	24" LCD Display Monitor as per the GENERAL SPECIFICATION inclusive of all the surge protection, mounting brackets and other accessories required to make this installation complete (Supplied, Installed, Tested and Commissioned). {Please note that 24" in the minimum allowable size for the screen, anything larger with the same or better specifications is also acceptable}				
	Supply	No	19		
	Install	No	19		
2	42" LCD Display Monitor as per the GENERAL SPECIFICATION inclusive of all the surge protection, mounting brackets and other accessories required to make this installation complete (Supplied, Installed, Tested and Commissioned). {Please note that 42" in the minimum allowable size for the screen, anything larger with the same or better specifications is also acceptable}				
	Supply	No	25		
	Install	No	25		
3	Operator Workstation as per the GENERAL SPECIFICATION inclusive of all the surge protection and other accessories required to make this installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	16		
	Install	No	16		
4	Card Printing / Take-on Station as per the GENERAL SPECIFICATION inclusive of all the surge protection and other accessories required to make this installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	3		
	Install	No	3		
5	2 X 2 Screen wall Stand with full cable management (No cables visible at all) capable of mounting all 42" screen on a single floor standing unit inclusive of all terminations, brackets and fixing materials and all other accessories to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	5		
	Install	No	5		
6	2 X 24" Screen Stand with full cable management (No cables visible at all) capable of mounting all 24" screen on a single desk mount unit inclusive of all terminations, brackets and fixing materials and all other accessories to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	8		
	Install	No	8		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	UNIT	RATE	AMOUNT
	Brought Forward				
7	1 X 24" Screen Stand with full cable management (No cables visible at all) capable of mounting all 20" screen on a single desk mount unit inclusive of all terminations, brackets and fixing materials and all other accessories to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	3		
	Install	No	3		
8	Copper cable joints for 1 Ω earth for each control and equipment room false floor.	SUM			
9	Software for all above-mentioned hardware capable of performing a minimum of all tasks as described in the GENERAL SPECIFICATION [supplied to the client on CD/DVD] (Supplied, Installed, Tested and Commissioned).	Sum			
10	Windows 10 License {DSP Version} [supplied to the client on CD/DVD] (Supplied, Installed, Tested and Commissioned).				
	Supply	No	26		
	Install	No	26		
11	Windows Server 2019 Professional License {DSP Version} [supplied to the client on CD/DVD] (Supplied, Installed, Tested and Commissioned).				
	Supply	No	16		
	Install	No	16		
12	Rack Mounted Server, with Intel Xeon E2314, 2.8GHz, 8M Cache, 4C/4T, Turbo (65W), 3200 MT/s, OnBoard, 16GB UDIMM,1 x 2TB 7.2K RPM SATA 6GBps, redundant Power Supply (1+1), 600W, 3.5" Chassis with up to 4 Hot Plug Hard Drives				
	Supply	No	18		
	Install	No	18		
13	Supply of 10% of tools and spares for entire Access Control System (Supplied and Stored in the Clients Storage facility, supplied for this purpose).	SUM			
14	Terminations, Connectors & Labels for all the above mentioned hardware (Supplied, Installed, Tested and Commissioned).	SUM			
15	Commissioning of all Control Room Equipment	SUM			
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 6: CCTV				
1	BOX CAMERA TYPE 1 - 4CIF IP - HIGH RESOLUTION COLOUR/DAY-NIGHT STATIC BOX CAMERA (Supplied, Installed, Tested and Commissioned). [The cameras shall be capable of transmitting three independent video streams at a minimum quality of 4CIF @ 12fps (H.264).]				
	Supply	No	151		
	Install	No	151		
2	MINI DOME CAMERA TYPE 3 - 720p IP - 2.5x VARIFOCAL LENS HIGH RESOLUTION COLOUR/DAY-NIGHT STATIC MINI DOME CAMERA (Supplied, Installed, Tested and Commissioned). [The cameras shall be capable of transmitting three independent video streams at a minimum quality of 4CIF @ 12fps (H.264).]				
	Supply	No	84		
	Install	No	84		
3	CAMERA TYPE 2 – PAN - TILT - 36X ZOOM CAMERA as per the GENERAL SPECIFICATION complete with all brackets, controllers and other accessories necessary to make the installation complete (Supplied, Installed, Tested and Commissioned). [The cameras shall be capable of transmitting three independent video streams at a minimum quality of 4CIF @ 12fps (H.264) as well as RS232/RS485 PTZ data.]				
	Supply	No	4		
	Install	No	4		
4	1/3" 2,8-6mm, DC Iris, F/1.4-200 4 pin (Supplied, Installed and Commissioned).				
	Supply	No	33		
	Install	No	33		
5	1/3" 3,5-8mm, DC Iris, F/1.4-200 4 pin (Supplied, Installed and Commissioned).				
	Supply	No	10		
	Install	No	10		
6	1/3" 5-50mm, DC Iris, F/1.4-185 4 pin (Supplied, Installed and Commissioned).				
	Supply	No	110		
	Install	No	110		
7	1/2.5",CS-mount,9-40mm, IR,5MP,SR-IRIS (Supplied, Installed and Commissioned).				
	Supply	No	91		
	Install	No	91		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
8	CAMERA TYPE A capable of automatic number plate Recognition, supporting H.264+/H.264/MPEG4/MJPEG 1/ 1 .8 Progressive Scan CMOS ONVIF profile S/profile G, ISAPI Protocol, 128G microSD/ SDHC card storage, 10M/100M Ethernet port, 4CIF, 1920 x 1080 @60fps, target cropping, IP67				
	Supply	No	20		
	Install	No	20		
9	Concrete Poles for 4.5 meter mounting height, suitably fitted for mounting of the specified cameras with buried base plate, gland plate, 1 x 5A MCB and Class 1 lightning protection with door cover. Full provision for the specified three phase cable to be looped through on connector blocks (Supplied, Installed and Commissioned).				
	Supply	No	15		
	Install	No	15		
10	PTZ Keyboard (Supplied, Installed, Tested and Commissioned).				
	Supply	No	4		
	Install	No	4		
11	12V DC x 10A power supplies (Supplied, Installed, Tested and Commissioned).				
	Supply	No	4		
	Install	No	4		
12	CAT-6 UTP [multi-strand] cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	9000		
	Install	m	9000		
13	2.5mm² x 2 core PVC/PVC Cabtyre [multi-strand] fire retardant cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	320		
	Install	m	320		
14	BNC cable connector, crimping type including the boot and all other accessories complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	10		
	Install	No	10		
15	RJ-45 connectors complete with boot (Supplied, Installed, Tested and Commissioned).				
	Supply	No	460		
	Install	No	460		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
16	Vandal Resistant Outdoor Camera Housing including 1m of aluminium Sprague tubing and 2 aluminium Sprague ends. (Supplied, Installed, Tested and Commissioned).				
	Supply	No	151		
	Install	No	151		
17	Precision 3460 SFF; 12th Generation Intel® Core™ i7-12700 (25MB cache, 12 cores, 20 threads, 2.10 GHz to 4.80 GHz Turbo) ; 16 GB, 2 x 8 GB, DDR5, 4800 MHz ; 512 GB, M.2, Gen 4 PCIe NVMe, SSD, Class 40; Intel Integrated Graphics ; 8x DVD+/-RW , No BT & WL, MS116 Optical Mouse, KB216 USB Keyboard, 300W PSU, Windows 11 Professional, 3Yr Pro Support Warranty + Dell NVIDIA T400 2GB Full Height Graphics Card, 3 mDP or similar approved				
	Supply	No	8		
	Install	No	8		
18	System administration integrated hardware & software unit to manage all iSCSIs on the network, routes network communication, ensure synchronization between network units, maintain database with all system functions including Date & Time and system logs .Hardware installed with all terminations, brackets and mounting materials complete. (Supplied, Installed and Commissioned).				
	Supply	No	4		
	Install	No	4		
19	iSCSI Recorder, with up to 16TB local storage for each section, connected to central manager via existing 1GB network with all terminations, brackets and mounting materials complete. (Supplied, Installed and Commissioned).				
	Supply	No	8		
	Install	No	8		
20	Western Digital 10TB Surveillance Hard Drive - 3.5" SATA 6Gb/s, 256MB Cache or similar approved				
	Supply	No	16		
	Install	No	16		
21	Recording license per DVR/NVR Device , (maximum of a once-off cost to be paid by the client).				
	Supply	No	8		
	Install	No	8		
22	Recording license per Stream (maximum of a once-off cost to be paid by the client).				
	Supply	No	146		
	Install	No	146		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
23	Software for all above-mentioned hardware capable of performing a minimum of all tasks as described in the GENERAL SPECIFICATION [supplied to the client on CD/DVD] (Supplied, Installed, Tested and Commissioned).	SUM	**1**		
24	Integration and Configuration of the C.C.T.V. System as per the GENERAL SPECIFICATION.	SUM	**1**		
25	Integrate Video Playback Alarm with SCADA and SMS system.	SUM	**1**		
26	Windows Server 2019 and License	SUM	**1**		
27	Supply of 10% of tools and spares for entire Access Control System (Supplied and Stored in the Clients Storage facility, supplied for this purpose).	SUM	**1**		
28	Terminations, Connectors & Labels for all the above mentioned hardware (Supplied, Installed, Tested and Commissioned).	SUM	**1**		
29	Testing, Adjusting and Commissioning of all the CCTV Equipment	SUM	**1**		
30	The ROTAKIN (DIGIKIN) test target will be used to test and evaluate the performance of each of the in-stalled cameras to be according to SANS 10222-5-1-4 specifications. The evaluator will be a certified CCTV IN FOCUS certified ROTAKIN installer.	SUM	**1**		
31	A full report as stipulated in the Specification	SUM	**1**		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 7: FIBRE				
1	Six (6) Core Low Loss Multi-Mode, Fibre Optic Cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	100		
	Install	m	100		
2	Eight (8) Core Low Loss Multi-Mode, Fibre Optic Cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	100		
	Install	m	100		
3	Twelve (12) Core Low Loss Multi-Mode, Fibre Optic Cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	6400		
	Install	m	6400		
4	2m ST-ST Fibre Optic Patch Lead (Supplied, Installed, Tested and Commissioned).				
	Supply	No	220		
	Install	No	220		
5	2m BNC-Female to BNC-Female Patch Lead. (RG-179) (Supplied, Installed and Commissioned).				
	Supply	No	100		
	Install	No	100		
6	ST Fibre Optic Tails (Supplied, Installed, Tested and Commissioned).				
	Supply	No	750		
	Install	No	750		
7	Standalone Single (1) Channel Video to Single (1) Fibre Receiver including an enclosure, the necessary Power Supply and Power Cables (Supplied, Installed and Commissioned).				
	Supply	No	10		
	Install	No	10		
8	Fibre Optic Midcouplers (Supplied, Installed, Tested and Commissioned).				
	Supply	No	326		
	Install	No	326		
9	Standalone Single (1) Channel Video and PTZ data to Single (1) Fibre Transmitter including an enclosure, the necessary Power Supply and Power Cables (Supplied, Installed, Tested and Commissioned).				
	Supply	No	4		
	Install	No	4		
10	12 PORT 1000BASE-SX SWITCH as per the GENERAL SPECIFICATION including all accessories necessary to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	57		
	Install	No	57		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 7: FIBRE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
11	6 Port Industrial switch, Hardened GigE fan-less switch. 4x10/100/1000 RJ-45 PoE+ (2x60W PoE), 2x100/1000 Base-X SFP,RS-232 Console, Alarm relay: 1 In 1 out & USB port. Includes user manual, access card & TS-35/7.5 /15 DIN rail mounting hardware.				
	Supply	No	10		
	Install	No	10		
12	DNV power supply cover kit for Industrial Switch, DIN Rail DC Power supply or similar approved				
	Supply	No	10		
	Install	No	10		
13	8 PORT 10/100 ETHERNET SWITCH WITH 2 GBIC PORTS as per the GENERAL SPECIFICATION with support for 7.5W per port of PoE [IEEE802.3af] on all ports including all accessories necessary to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	5		
	Install	No	5		
14	GigE L3 1RU chassis with 24 100/1000 BaseX SFP, 4 1G/10G SFP+, 4 SFP28 (1G/10G/25G) ports and 2 QSFP28 VFL ports. All ports except VFL are MACsec capable. Includes AC PS,country-specific power cord, 19in rack-mount kit and micro-USB-to-USB console cable, and 24 Port PoE+ (Supplied, Installed, Tested and Commissioned).				
	Supply	No	2		
	Install	No	2		
15	24 PORT 10/100 ETHERNET SWITCH WITH 2 GBIC PORTS as per the GENERAL SPECIFICATION with support for 7.5W per port of PoE [IEEE802.3af] on all ports and two (2) 900BaseT ports including all accessories necessary to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	23		
	Install	No	23		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 7: FIBRE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
15	48 PORT 10/100 ETHERNET SWITCH WITH 2 GBIC PORTS as per the GENERAL SPECIFICATION with support for 7.5W per port of PoE [IEEE802.3af] on all ports and two (2) 900BaseT ports including all accessories necessary to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	2		
	Install	No	2		
16	1000BASE-SX GBIC MODULE as per the GENERAL SPECIFICATION including all accessories necessary to make the installation complete (Supplied, Installed, Tested and Commissioned).				
	Supply	No	161		
	Install	No	161		
17	Fibre Optic Splice Box (Supplied, Installed, Tested and Commissioned).				
	Supply	No	8		
	Install	No	8		
18	19" Brush Panel including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	310		
	Install	No	310		
19	Twelve (12) Way 19" Fibre Optic Patch Panel including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	60		
	Install	No	60		
20	47U 19" Rack including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	2		
	Install	No	2		
21	Standing 21U 19" Rack including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	2		
	Install	No	2		
22	1U 19" Blank Panel including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	4		
	Install	No	4		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 7: FIBRE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
23	2U 19" Blank Panel including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	52		
	Install	No	52		
24	3U 19" Blank Panel including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	56		
	Install	No	56		
25	6U 19" Blank Panel including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	60		
	Install	No	60		
26	9U 19" Blank Panel including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	56		
	Install	No	56		
27	19" Rack Cable Routing Rings including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	8		
	Install	No	8		
28	19" Rack Cable Routing Panels including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	8		
	Install	No	8		
29	Fibre Optic Splices (Supplied, Installed, Tested and Commissioned).				
	Supply	No	480		
	Install	No	480		
30	Software for all above-mentioned hardware capable of performing a minimum of all tasks as described in the GENERAL SPECIFICATION [supplied to the client on CD/DVD] (Supplied, Installed, Tested and Commissioned).		SUM		
31	Supply of 10% of tools and spares for entire Smoke Detection System (Supplied and Stored in the Clients Storage facility, supplied for this purpose).		SUM		
32	Terminations, Connectors & Labels for all the above mentioned hardware (Supplied, Installed, Tested and Commissioned).		SUM		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 8: MISCELLANEOUS				
1	Handheld PLC programmers to suppliers specification (Supplied, Installed, Tested and Commissioned).				
	Supply	No	1		
	Install	No	1		
2	Type 1 - X-Ray Machine as per specification (Supplied, Installed and Commissioned).				
	Supply	No	3		
	Install	No	3		
3	750mm Entry / Exit trays for the X-Ray Machines (Supplied, Installed, Tested and Commissioned).				
	Supply	No	6		
	Install	No	6		
4	Re-issue of radiation licence.				
	Supply	No	4		
	Install	No	4		
5	Multizone Walkthrough Metal Detector as per the GENERAL SPECIFICATION (Supplied, Installed, Tested and Commissioned).				
	Supply	No	4		
	Install	No	4		
6	Software for all above-mentioned hardware capable of performing a minimum of all tasks as described in the GENERAL SPECIFICATION [supplied to the client on CD/DVD] (Supplied, Installed, Tested and Commissioned).	SUM			
7	Supply of 10% of tools and spares for entire Miscellaneous Systems (Supplied and Stored in the Clients Storage facility, supplied for this purpose).	SUM			
8	Terminations, Connectors & Labels for all the above mentioned hardware (Supplied, Installed, Tested and Commissioned).	SUM			
9	Allow for additional control for D10 gate motors per to ensure control from workstation and control room	SUM			
	Complete typical kiosk comprised of the components as listed : commissioned.				
10	Socket outlet				
	Supply	No	37		
	Install	No	37		
11	63A DP				
	Supply	No	33		
	Install	No	33		
12	16A				
	Supply	No	33		
	Install	No	33		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
13	10A				
	Supply	No	33		
	Install	No	33		
14	2A				
	Supply	No	33		
	Install	No	33		
15	ELU				
	Supply	No	33		
	Install	No	33		
16	SPD Device				
	Supply	No	33		
	Install	No	33		
17	Moxa EDS 510				
	Supply	No	33		
	Install	No	33		
18	Moxa DR 75-48 industrial DIN Rail DC power supply or similar approved				
	Supply	No	1		
	Install	No	1		
19	Moxa NDR 120-48 industrial DIN Rail DC power supply or similar approved				
	Supply	No	37		
	Install	No	37		
20	Phoenix Contact PS or similar aproved				
	Supply	No	33		
	Install	No	33		
21	LC				
	Supply	No	33		
	Install	No	33		
22	L2W				
	Supply	No	99		
	Install	No	99		
23	LP1				
	Supply	No	33		
	Install	No	33		
24	1.5kVA isolating Transformer				
	Supply	No	33		
	Install	No	33		
25	2000VA online UPS				
	Supply	No	37		
	Install	No	37		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
26	Individual 47U Kiosk, complete with cooling fans, monted on concrete plinth, costing including supply, install and commissioning				
	Supply	No	22		
	Install	No	22		
27	Supply all required patch panels, bruch panels as well as FOTP for each of the listed distribution kiosks				
	Supply	No	37		
	Install	No	37		
28	Testing of MOS equipment, rate to include all necessary equipment for testing, including report listing serial numbers, status etc for each item tested	hr	120		
29	Training staggered over a three month period, including training material, program, facilitation, approved by Engineer	hr	48		
30	Allow for an additional supply for the removal and confiscation of existing equipment (cashless society etc)	SUM	1		
	Building Works				
	ALTERATIONS (PROVISIONAL)				
	REMOVAL OF EXISTING WORK				
	Breaking down and removing brickwork etc				
1	One brick walls	m2			RATE ONLY
	Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc				
2	40mm Screed from floors	m2			RATE ONLY
	Hacking up/off and removing ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc				
3	Tiles to floors	m2	0.0		RATE ONLY
	BUILDING UP OPENINGS				
	Brickwork in NFP bricks in class II mortar in building up openings				
4	One brick walls	m2	0.0		RATE ONLY
	MAKING GOOD OF FINISHES ETC				
	Making good face brickwork				
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
6	Ends of one brick walls	m	0.0		RATE ONLY
	Making good concrete floors				
7	Chase out crack in top of surface bed to form groove 100mm wide and 50mm deep and fill in with 3:1 cement mortar well caulked, including finishing smooth with a steel trowel to match existing levels	m	0.0		RATE ONLY
	Making good cement plaster				
8	Chase out plaster cracks to form recess 25mm wide and 20mm deep and fill with 1:4 cement mortar including floating up smooth to match existing	m	0.0		RATE ONLY
	Remove loose and flaking paint by scraping and sanding on walls, floors etc. to receive new paint				
9	Internal plastered walls	m2	0.0		RATE ONLY
	Remedial work				
10	Re-setting of suspended ceilings	m2	0.0		RATE ONLY
11	Refix existing loose 0.8mm galvanised IBR roof covering to steel members with "SAFLOK 700" or equal approved clips, all in accordance with manufacturer's recommendations and specifications	m2	0.0		RATE ONLY
12	Realign 5300 x 4650mm high galvanised steel vehicle access sliding gates	No	0.0		RATE ONLY
13	Pelican or similar approved hold down clip for Pelican suspended ceiling systems	No	0.0		RATE ONLY
14	Mitek Bracing Strap or equal approved galvanised ceiling support straps, 40 x 6mm thick not exceeding 500mm long, fixed to ceiling grid system as per Architectural specification	No	0.0		RATE ONLY
15	Remove existing structural bolts and replace with galvanised carbon steel structural grade 8.8 M16 structural bolts or equal approved	No	0.0		RATE ONLY
16	Remove existing grout around base plates and replace with "ABE Epidermix 372" or similar approved grout at an angle of no less than 15 degrees to the horizontal not exceeding 5mm wide and 3mm deep	m	0.0		RATE ONLY
	GENERAL MAINTENANCE				
	Power wash existing surfaces to remove all dirt, grime and loose particles				
17	External face brick walls	m2	0.0		RATE ONLY
18	Corrugated roof coverings	m2	0.0		RATE ONLY
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
	Clean down with suitable detergent and rinse thoroughly with clean water				
19	Existing building including floors, walls, windows, doors, frames, etc	m2	0.0		RATE ONLY
	CONCRETE, FORMWORK AND REINFORCEMENT				
	UNREINFORCED CONCRETE				
	10Mpa/19mm unreinforced concrete				
20	Blinding	m3	0.0		RATE ONLY
	REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	30MPa/19mm concrete				
21	2950 x 1300 x 100mm Thick (1000mm inside & 300mm outside the fence) plinth cast in 2950mm sections with 50mm expansion gaps filled with 19/32 mm crushed stone (elsewhere measured)	m3	0.0		RATE ONLY
	TEST BLOCKS				
22	Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	0.00		RATE ONLY
	CONCRETE SUNDRIES				
	Finishing top surfaces of concrete smooth with a wood float to a non slip surface				
23	Concrete Plinths etc.	m2	0.0		RATE ONLY
	SMOOTH FORMWORK (DEGREE OF ACCURACY II)				
	Smooth formwork to sides				
24	Edges, risers, ends and reveals exceeding 300mm high or wide	m2	0.0		RATE ONLY
25	Edges of plinth size 2950 x 1300 x 100mm thick	m2	0.0		RATE ONLY
	MOVEMENT JOINTS ETC				
	Expansion joints with 10mm bitumen impregnated softboard between vertical concrete and brick surfaces				
26	Not exceeding 300mm high to edges of surface beds	m	0.0		RATE ONLY
	REINFORCEMENT (PROVISIONAL)				
	Mild steel reinforcement to structural concrete work				
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
27	Bars not exceeding 10mm diameter	t	0.0		RATE ONLY
	High tensile steel reinforcement to structural concrete work				
28	Bars not exceeding 20mm diameter	t	0.0		RATE ONLY
	Fabric reinforcement				
29	Type 193 fabric reinforcement	m2	0.0		RATE ONLY
	WATERPROOFING				
	DAMP PROOFING OF WALLS AND FLOORS				
	One layer of 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape				
30	Under surface beds and plinth	m2	0.0		RATE ONLY
	Bituminous emulsion based coating				
	PAINTWORK				
	PAINTWORK ETC TO EXISTING SURFACES				
	ON EXTERNAL FLOATED PLASTER SURFACES				
	One merit plaster primer, one coat undercoat and two coats Wall & All emulsion paint (colour to be approved by Client)				
31	Parapet walls	m2	0.0		RATE ONLY
32	ON INTERNAL FLOATED PLASTER SURFACES	H2	0.0		RATE ONLY
	One merit plaster primer, one coat undercoat and two coats Wall & All emulsion paint (colour to be approved by Client)				
33	Walls	m2	0.0		RATE ONLY
	ON METAL SURFACES				
	One coat self etching primer and two coats premium quality polyurethane enamel paint, on galvanised steel. Prepare and treat with anti rust compound suitable for coastal conditions				
34	Security door	m2	0.0		RATE ONLY
	ON WOODEN SURFACES				
	One coat self etching primer and two coats premium quality Varnish				
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
35	Timber doors	m2	0.0		RATE ONLY
	PLASTERING				
	SCREEDS				
	1:3 Cement screeds steel floated, on concrete				
36	40mm Thick on floors	m2	0.0		RATE ONLY
37	50mm Thick on floors	m2	0.0		RATE ONLY
	INTERNAL PLASTER				
	Cement plaster steel trowelled, on brickwork				
38	On walls in patches	m2	0.0		RATE ONLY
	CORNER PROTECTORS, DIVIDING STRIPS, ETC				
39	50 x 50 x 3mm L-section galvanised mild steel dividing strips between differing floor finishes fixed with galvanised M10 bolts	m	0.0		RATE ONLY
	PERIMETER SECURITY FENCE				
	FILTER FABRIC				
	Kaymat U34 or equally approved 2.6mm thick non-woven continuous filament needle punch polyester geotextile filter fabric blanket with minimum 19.5 kN/m typical tensile strength, with 500mm laps				
40	Around stone filling between the inner and the outer fence	m2	0.0		RATE ONLY
	CONCRETE SUNDRIES				
41	100mm Thick 19/32mm crushed stone bedding between the inner and outer fence plinths	m3	0.0		RATE ONLY
	WEED KILLERS, INSECTICIDES, ETC				
	Springbok 360SL or similar approved soluble non-selective foliar, systemic herbicide concentrate for the control of a wide range of annual and perennial grasses, broad leaf weeds and certain woody perennials in accordance with SANS 5859 with 10 year guarantee				
42	To bottoms and sides of trenches etc (Certificate must be provided)	m2	0.0		RATE ONLY
43	Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming (Certificate must be provided)	m2	0.0		RATE ONLY
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				
	Notes:				
(a)	All quantities are provisional and are to be re-measured on site.				
(b)	Prices are to include supply, delivery, off-loading, installation of items detailed below including any items that are neccesary for the completion of the installation into full working order and operation.				
(c)	LV - Low Voltage, Cu - copper.				
1,0	**SALLY PORT 01**				
1.1	**Substation 2**				
1,1,1	Recover existing 100A, 15kA, triple pole circuit breaker in LV panel at Substation 2 including conductors between circuit breaker and busbars.				
	Supply	Item	1		
	Install	Item	1		
1,1,2	New 175A, min. 25kA, triple pole circuit breaker in non-essential compartment of existing LV panel at Substation 2 including conductors between circuit breaker and LV busbars, phase barriers, busbar stubs, etc.				
	Supply	Item	1		
	Install	Item	1		
1,1,3	50mm² Cu x 4 core LV PVCAS cable in cable duct.				
	Supply	m	10		
	Install	m	10		
1,1,4	Through-joint in 50mm² Cu x 4 core LV cable				
	Supply	No.	1		
	Install	No.	1		
1,1,5	Terminate and connection 50mm² Cu x 4 core LV PVCAS cable at LV panel inside Substation 2 complete including gland, neoprene shroud, lugs, etc.				
	Supply	No.	1		
	Install	No.	1		
1,1,6	Disconnect and remove from LV panel existing 50mm² Cu x 4 core LV cable excluding extension of this cable measured elsewhere.				
	Supply	Sum	1		
	Install	Sum	1		
1,1,7	Label cable terminations measured under Item No. 1,1. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.				
	Supply	Sum			
	Install	Sum	#REF!		
1.2	**Generator Room**				
1,2,1	Surface mounted 3CR15 epoxy coated orange Main Distribution Board "MDB-S01" complete including all equipment shown on schematic diagram.				
	Supply	Item	1		
	Install	Item	1		
1,2,2	Disconnect and recover existing 50mm² Cu x 4 core LV PVCAS cable + 25mm² bare Cu earth wire in cable duct or PVC conduit from DB-C5E (Emerg) and reroute same through cable duct or cable tray to MDB-S01 including fixing material.				
	Supply	Sum	1		
	Install	Sum	1		
1,2,3	25mm² Cu x 4 core LV PVCAS cable + 16mm² bare copper earth conductor installed on cable tray, in existing cable duct or PVC conduits from MDB-S01 to DB-C5E(Emerg).				
	Supply	m	10		
	Install	m	10		
1,2,4	25mm² Cu x 4 core LV PVCAS cable + 16mm² bare Cu earth conductor on cable tray or in existing cable duct from Genset to MDB-S01.				
	Supply	m	10		
	Install	m	10		
1,2,5	Terminate and connect LV cable or conductors including gland, neoprene shroud, lugs, etc.:				
1,2,5,1	50mm² Cu x 4 core + 25mm² bare Cu earth wire				
	Supply	No.	1		
	Install	No.	1		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
1,2,5,2	25mm² Cu x 4 core + 16mm² bare Cur earth wire				
	Supply	No.	3		
	Install	No.	3		
1,2,6	Terminate and connect LV cables or conductors at DB-C5E (Emerg)				
1,2,6,1	50mm² Cu x 4 core + 25mm² bare Cu earth wire				
	Supply	No.	1		
	Install	No.	1		
1,2,6,2	25mm² Cu x 4 core + 16mm² bare Cur earth wire				
	Supply	No.	1		
	Install	No.	1		
1,2,7	300mm cable tray fixed against brick wall between cable duct and MDB-S01.				
	Supply	m	1.5		
	Install	m	1.5		
1,2,8	Upgrade the existing 63A triple pole circuit inside DB-C5E to 100A, min. 5kA, triple pole circuit breaker.				
	Supply	Item	1		
	Install	Item	1		
1,2,9	Label cable terminations measured under Item No. 1,2. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
1,3	**UPS Room**				
1,3,1	New 16mm² Cu x 4 core PVC/SWA/PVC LV cable in conduit / cable duct interconnecting DB-UPS and UPS.				
	Supply	m	12		
	Install	m	12		
1,3,2	New 10mm² bare Cu earth wire in conduit / cable duct between DB-UPS to UPS.				
	Supply	m	12		
	Install	m	12		
1,3,3	Disconnect and through-joint using heatshrink kit 16mm² Cu x 4 core LV cable inside DB-UPS.				
	Supply	No.	2		
	Install	No.	2		
1,3,4	Disconnection and through-joint 10mm² bare Cu earth wire inside DB-UPS.				
	Supply	No.	2		
	Install	No.	2		
1,3,5	Terminate and connect 16mm² Cu x 4 core LV cable at UPS using cable gland, neoprene shroud and lugs.				
	Supply	No.	2		
	Install	No.	2		
1,3,6	Terminate and connect 16mm² Cu x 4 core LV cable at DB-UPS.				
	Supply	No.	2		
	Install	No.	2		
1,3,7	Terminate and connect 10mm² bare Cu earth wire at DB-UPS or UPS.				
	Supply	No.	4		
	Install	No.	4		
1,3,8	New 40A, 5kA, triple pole isolator installed inside DB-UPS including conductor to connect the load side of the isolator to busbars.				
	Supply	No.	1		
	Install	No.	1		
1,3,9	Label cable terminations measured under Item No. 1,3. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
2,0	**SALLY PORT 03**				
2.1	**Substation 3**				
2,1,1	Recover existing 63A, 15kA, triple pole circuit breaker in LV panel at Substation 3 including conductors between circuit breaker and busbars.	Item	1		
2,1,2	New 125A, min. 25kA, triple pole circuit breaker in non-essential compartment of existing LV panel at Substation 3 including conductors between circuit breaker and LV busbars, phase barriers, busbar stubs, etc.				
	Supply	Item	1		
	Install	Item	1		
2,1,3	35mm² Cu x 4 core LV PVCAS cable in cable duct.				
	Supply	m	10		
	Install	m	10		
2,1,4	Through-joint in 35mm² Cu x 4 core LV cable				
	Supply	No.	1		
	Install	No.	1		
2,1,5	Terminate and connect 35mm² Cu x 4 core LV PVCAS cable at LV panel inside Substation 3 complete including gland, neoprene shroud, lugs, etc.				
	Supply	No.	1		
	Install	No.	1		
2,1,6	Disconnect and remove from LV panel existing 35mm² Cu x 4 core LV cable excluding extension of this cable measured elsewhere.	Sum	1		
2,1,7	Label cable terminations measured under Item No. 2,1. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
2.2	**Generator Room**				
2,2,1	Surface mounted 3CR15 epoxy coated orange Main Distribution Board "MDB-S03" complete including all equipment shown on schematic diagram.				
	Supply	Item	1		
	Install	Item	1		
2,2,2	Disconnect and recover existing 35mm² Cu x 4 core LV PVCAS cable + 16mm² bare Cu earth wire in cable duct or PVC conduit from DB-C6E (Emerg) and reroute same through cable duct or cable tray to MDB-S03 including fixing material.	Sum	1		
2,2,3	25mm² Cu x 4 core LV PVCAS cable + 16mm² bare copper earth conductor installed on cable tray, in existing cable duct or PVC conduit from MDB-S03 to DB-C6E(Emerg).				
	Supply	m	10		
	Install	m	10		
2,2,4	25mm² Cu x 4 core LV PVCAS cable + 16mm² bare Cu earth conductor on cable tray or in existing cable duct from Genset to MDB-S03.				
	Supply	m	10		
	Install	m	10		
2,2,5	Terminate and connect LV cable or conductors at Generator Set or MDB-S03 including gland, neoprene shroud, lugs, etc.:				
2,2,5,1	35mm² Cu x 4 core + 16mm² bare Cu earth wire				
	Supply	No.	1		
	Install	No.	1		
2,2,5,2	25mm² Cu x 4 core + 16mm² bare Cur earth wire				
	Supply	No.	3		
	Install	No.	3		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
2,2,6	Terminate and connect LV cables or conductors at DB-C6E (Emerg):				
2,2,6,1	35mm² Cu x 4 core + 16mm² bare Cu earth wire				
	Supply	No.	1		
	Install	No.	1		
2,2,6,2	25mm² Cu x 4 core + 16mm² bare Cur earth wire				
	Supply	No.	1		
	Install	No.	1		
2,2,7	300mm Wide cable tray fixed against brick wall between cable duct and MDB-S03.				
	Supply	m	1.5		
	Install	m	1.5		
2,2,8	Upgrade the existing 63A triple pole circuit inside DB-C6E to 80A, min. 5kA, triple pole circuit breaker.				
	Supply	Item	1		
	Install	Item	1		
2,2,9	Label cable terminations measured under Item No. 2,2. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
2.3	**UPS Room**				
2,3,1	New 16mm² Cu x 4 core PVC/SWA/PVC LV cable in conduit / cable duct interconnecting DB-UPS and UPS.				
	Supply	m	12		
	Install	m	12		
2,3,2	New 10mm² bare Cu earth wire in conduit / cable duct between DB-UPS to UPS.				
	Supply	m	12		
	Install	m	12		
2,3,3	Disconnect and through-joint using heatshrink kit 16mm² Cu x 4 core LV cable inside DB-UPS.				
	Supply	No.	2		
	Install	No.	2		
2,3,4	Disconnection and through-joint 10mm² bare Cu earth wire inside DB-UPS.				
	Supply	No.	2		
	Install	No.	2		
2,3,5	Terminate and connect 16mm² Cu x 4 core LV cable at UPS using cable gland, neoprene shroud and lugs.				
	Supply	No.	2		
2,3,6	Terminate and connect 16mm² Cu x 4 core LV cable at DB-UPS.				
	Supply	No.	2		
	Install	No.	2		
2,3,7	Terminate and connect 10mm² bare Cu earth wire at DB-UPS or UPS.				
	Supply	No.	4		
	Install	No.	4		
2,3,8	New 40A, 5kA, triple pole isolator installed inside DB-UPS including conductor to connect the load side of the isolator to busbars.				
	Supply	No.	1		
	Install	No.	1		
2,3,9	Label cable terminations measured under Item No. 2,3. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
3,0	**SALLY PORT 05**				
3.1	**Substation 3**				
3,1,1	Recover existing 63A, 15kA, triple pole circuit breaker in LV panel at Substation 3 including conductors between circuit breaker and busbars.	Item	1		
3,1,2	New 125A, min. 25kA, triple pole circuit breaker in non-essential compartment of existing LV panel at Substation 3 including conductors between circuit breaker and LV busbars, phase barriers, busbar stubs, etc.				
	Supply	Item	1		
	Install	Item	1		
		Item	1		
3,1,3	35mm² Cu x 4 core LV PVCAS cable in cable duct.				
	Supply	m	10		
	Install	m	10		
3,1,4	Through-joint in 35mm² Cu x 4 core LV cable				
	Supply	No.	1		
	Install	No.	1		
3,1,5	Terminate and connect 35mm² Cu x 4 core LV PVCAS cable at LV panel inside Substation 3 complete including gland, neoprene shroud, lugs, etc.	No.	1		
3,1,6	Disconnect and remove from LV panel existing 35mm² Cu x 4 core LV cable excluding extension of this cable measured elsewhere.	Sum	1		
3,1,7	Label cable terminations measured under Item No. 3,1. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
3.2	**Generator Room**				
3,2,1	Surface mounted 3CR15 epoxy coated orange Main Distribution Board "MDB-S05" complete including all equipment shown on schematic diagram.				
	Supply	Item	1		
	Install	Item	1		
3,2,2	Disconnect and recover existing 35mm² Cu x 4 core LV PVCAS cable + 25mm² bare Cu earth wire in cable duct or PVC conduit from DB-C1E (Emerg) and reroute same through cable duct or cable tray to MDB-S05 including fixing material.				
	Supply	Sum	1		
3,2,3	35mm² Cu x 4 core LV PVCAS cable + 25mm² bare copper earth conductor installed on cable tray, in existing cable duct or PVC conduit from MDB-S05 to DB-C1E(Emerg).				
	Supply	m	10		
	Install	m	10		
3,2,4	35mm² Cu x 4 core LV PVCAS cable + 25mm² bare Cu earth conductor on cable tray or in existing cable duct from Genset to MDB-S05.				
	Supply	m	10		
	Install	m	10		
3,2,5	Terminate and connect LV cable or conductors at Generator Set or MDB-S05 including gland, neoprene shroud, lugs, etc.:				
3,2,5,1	35mm² Cu x 4 core + 16mm² bare Cu earth wire	No.	3		
3,2,5,2	25mm² Cu x 4 core + 16mm² bare Cur earth wire	No.	1		
3,2,6	Terminate and connect LV cables or conductors at DB-C1E (Emerg)				
3,2,6,1	35mm² Cu x 4 core + 16mm² bare Cu earth wire	No.	1		
3,2,6,2	25mm² Cu x 4 core + 16mm² bare Cur earth wire	No.	1		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
3,2,7	300mm Wide cable tray fixed against brick wall between cable duct and MDB-S03.				
	Supply	m	1.5		
	Install	m	1.5		
3,2,8	Upgrade the existing 63A triple pole circuit inside DB-C1E to 125A, min. 5kA, triple pole circuit breaker.				
	Supply	Item	1		
	Install	Item	1		
3,2,9	Label cable terminations measured under Item No. 3,2. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
3.3	**UPS Room**				
3,3,1	New 16mm² Cu x 4 core PVC/SWA/PVC LV cable in conduit / cable duct interconnecting DB-UPS and UPS.				
	Supply	m	12		
	Install	m	12		
3,3,2	New 10mm² bare Cu earth wire in conduit / cable duct between DB-UPS to UPS.				
	Supply	m	12		
	Install	m	12		
3,3,3	Disconnect and through-joint using heatshrink kit 16mm² Cu x 4 core LV cable inside DB-UPS.	No.	2		
3,3,4	Disconnection and through-joint 10mm² bare Cu earth wire inside DB-UPS.	No.	2		
3,3,5	Terminate and connect 16mm² Cu x 4 core LV cable at UPS using cable gland, neoprene shroud and lugs.	No.	2		
3,3,6	Terminate and connect 16mm² Cu x 4 core LV cable at DB-UPS.	No.	2		
3,3,7	Terminate and connect 10mm² bare Cu earth wire at DB-UPS or UPS.	No.	4		
3,3,8	New 40A, 5kA, triple pole isolator installed inside DB-UPS including conductor to connect the load side of the isolator to busbars.				
	Supply	No.	1		
	Install	No.	1		
3,3,9	Label cable terminations measured under Item No. 3,3. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
4,0	**SALLY PORT 10**				
4.1	**Substation 1**				
4,1,1	Recover existing 60A, 15kA, triple pole circuit breaker in LV panel at Substation 1 including conductors between circuit breaker and busbars.	Item	1		
4,1,2	New 225A, min. 25kA, triple pole circuit breaker in non-essential compartment of existing LV panel at Substation 3 including conductors between circuit breaker and LV busbars, phase barriers, busbar stubs, etc.				
	Supply	Item	1		
	Install	Item	1		
4,1,3	70mm² Cu x 4 core LV PVCAS cable in cable duct.				
	Supply	m	10		
	Install	m	10		
4,1,4	Through-joint in 70mm² Cu x 4 core LV cable				
	Supply	No.	1		
	Install	No.	1		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				
ITEM NO.	**DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT**
	Brought Forward				
4,1,5	Terminate and connect 70mm² Cu x 4 core LV PVCAS cable at LV panel inside Substation 1 complete including gland, neoprene shroud, lugs, etc.	No.	1		
4,1,6	Disconnect and remove from LV panel existing 70mm² Cu x 4 core LV cable excluding extension of this cable measured elsewhere.	Sum	1		
4,1,7	Label cable terminations measured under Item No. 4,1. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
4.2	**Generator Room**				
4,2,1	Surface mounted 3CR12 epoxy coated orange Main Distribution Board "MDB-S10" complete including all equipment shown on schematic diagram. Supply	Item	1		
4,2,2	Disconnect and recover existing 70mm² Cu x 4 core LV PVCAS cable + 35mm² bare Cu earth wire in cable duct or PVC conduit from DB-C3E (Emerg) and reroute same through cable duct or cable tray to MDB-S10 including fixing material.	Sum	1		
4,2,3	70mm² Cu x 4 core LV PVCAS cable + 35mm² bare copper earth conductor installed on cable tray, in existing cable duct or PVC conduit from MDB-S10 to DB-C3E(Emerg).				
	Supply	m	10		
	Install	m	10		
4,2,4	70mm² Cu x 4 core LV PVCAS cable + 35mm² bare Cu earth conductor on cable tray or in existing cable duct from Genset to MDB-S10.				
	Supply	m	10		
	Install	m	10		
4,2,5	Terminate and connect LV cable or conductors at Generator Set or MDB-S10 including gland, neoprene shroud, lugs, etc.:				
4,2,5,1	70mm² Cu x 4 core + 35mm² bare Cu earth wire	No.	4		
4,2,5,2	25mm² Cu x 4 core + 16mm² bare Cur earth wire	No.	1		
4,2,6	Terminate and connect LV cables or conductors at DB-C3E (Emerg)				
4,2,6,1	70mm² Cu x 4 core + 35mm² bare Cu earth wire	No.	1		
4,2,6,2	25mm² Cu x 4 core + 16mm² bare Cur earth wire	No.	1		
4,2,7	300mm Wide cable tray fixed against brick wall between cable duct and MDB-S10.				
	Supply	m	1.5		
	Install	m	1.5		
4,2,8	Upgrade the existing 63A triple pole circuit inside DB-C3E to 175A, min. 5kA, triple pole circuit breaker.	Item	1		
4,2,9	Cut existing 300mm wide cable tray to make way for installation of MDB-S10.	Sum	1		
4,2,10	Label cable terminations measured under Item No. 4,2. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
4.3	**UPS Room**				
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
4.3	**UPS Room**				
4,3,1	New 16mm² Cu x 4 core PVC/SWA/PVC LV cable in conduit / cable duct interconnecting DB-UPS and UPS.				
	Supply	m	12		
	Install	m	1.5		
4,3,2	New 10mm² bare Cu earth wire in conduit / cable duct between DB-UPS to UPS.				
	Supply	m	12		
	Install	m	1.5		
4,3,3	Disconnect and through-joint using heatshrink kit 16mm² Cu x 4 core LV cable inside DB-UPS.	No.	2		
4,3,4	Disconnection and through-joint 10mm² bare Cu earth wire inside DB-UPS.	No.	2		
4,3,5	Terminate and connect 16mm² Cu x 4 core LV cable at UPS using cable gland, neoprene shroud and lugs.	No.	2		
4,3,6	Terminate and connect 16mm² Cu x 4 core LV cable at DB-UPS.	No.	2		
4,3,7	Terminate and connect 10mm² bare Cu earth wire at DB-UPS or UPS.	No.	4		
4,3,8	New 40A, 5kA, triple pole isolator installed inside DB-UPS including conductor to connect the load side of the isolator to busbars.				
	Supply	No.	1		
	Install	No.	1		
4,3,9	Label cable terminations measured under Item No. 4,3. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
	LV Supply Kiosks				
5	Mark-up LV supply cable routes and assist Engineer to finalise same.	Sum	1		
6	Trenching by hand 400mm wide x 1100mm deep to locate existing underground services including backfilling and compaction:				
6.1	Pickable soil	m	1		
6.2	Soft rock	m	1		
6.3	Hard rock	m	1		
7	Trenching by hand 400mm wide x 800mm deep for sleeve or cable including backfilling and compaction:				
7.1	Pickable soil	m	100		
7.2	Soft rock	m	20		
7.3	Hard rock	m	5		
7.4	50mm Diameter uPVC sleeve laid in trench				
	Supply	m	125		
	Install	m	125		
8	16mm² Cu x 4 core PVC/SWA/PVC LV cable with ECC and installed through sleeves.				
	Supply	m	4800		
	Install	m	4800		
9	Terminate and connect 16mm² Cu x 4 core LV cable at kiosk including cable gland, earth tag, neoprene shroud, lugs, etc.	No.	72		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
10	Terminate and connect 16mm² Cu x 4 core LV cable at Sub-Distribution Board.	No.	8		
11	Disconnect and recover from sleeves, conduits, manholes or open trenches, excluding trenching measured elsewhere, existing 6 - 16mm² x 4 core LV supply cable to kiosks.	m	885		
12	New 40A, 5kA, triple pole circuit breaker installed inside main Sally Port DB including conductors to connect to busbars.				
	Supply	No.	8		
	Install	No.	8		
13	Label cable terminations for all cables measured under this Bill. Label to consist of single numeric/character markers pulled through a cable tie to indicate cable size and destination.	Sum	1		
14	Mark-up LV supply cable route and assist Engineer to finalise same.	Sum	1		
15	Trenching by hand 400mm wide x 1100mm deep for sleeves or to locate existing underground services within the road reserve including backfilling and compaction:				
15.1	Pickable soil	m	1		
15.2	Soft rock	m	1		
15.3	Hard rock	m	1		
16	Trenching by hand 400mm wide x 800mm deep for LV cable including backfilling and compaction:				
16.1	Pickable soil	m	100		
16.2	Soft rock	m	20		
16.3	Hard rock	m	1		
17	110mm Diameter uPVC sleeve laid in trench.	m	24		
18	16mm² Cu x 4 core PVC/SWA/PVC ECC LV cable laid in trench or installed through sleeve.	m	140		
19	100micron x 300mm Wide orange PVC marker tape laid in trench above cable.	m	120		
20	Seal sleeve end after installation of cable.	No.	4		
21	Terminate and connect 16mm² Cu x 4 core cable at kiosk / junction box including cable gland, neoprene shroud, lugs.	No.	2		
22	32mm Diameter galvanised steel conduit installed in ceiling void, against galvanised steel structure supporting entrance road canopy.				
	Supply	m	40		
	Install	m	40		
23	4 x 16mm² Cu PVC insulated conductors + 1 x 10mm² Cu PVC insulated earth conductor installed in conduit measured elsewhere.				
	Supply	m	60		
	Install	m	60		
24	Connection box similar to Pratley type Ezeefit installed against inner-wall of existing manhole.				
	Supply	No.	1		
	Install	No.	1		
25	Terminate galvanised steel conduit at junction box.	No.	1		
26	Disconnect existing 10mm² Cu x 2 core LV cable from existing kiosk and relocate the end towards the new 16mm² Cu x 4 core LV cable.	Sum	1		
27	Through-joint 16mm² Cu x 4 core LV cable to existing 10mm² Cu x 2 core LV cable. Two cores each of the 4 core cable to be paralleled.	No.	1		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
28	Break-up tarred road surface 400mm wide for cable crossing including re-instating road surface to original state.	m	10		
29	Trenching by hand/machine tarred road surface subbase layers 400mm wide x 1100mm deep including backfilling and compaction	m	10		
30	Dispose excess excavated material at dump site upto 10km from site.	m³	5		
31	Trenching by hand 400mm wide by 800mm deep for sleeves including backfilling and compaction:				
32	Pickable soil	m	100		
33	Soft rock	m	10		
34	Hard rock	m	2		
35	Remove chipstone prior to trenching including re-instating same:				
	400mm Wide x 25mm thick layer consisting of 19 - 26mm crushed grey stones.	m	10		
36	400mm Wide x 50mm thick layer consisting of 19 - 26mm crushed grey stones.	m	10		
37	400mm Wide x 100mm thick layer consisting of 19 - 26mm crushed grey stones.	m	100		
38	uPVC Sleeves laid in trench measured elsewhere or installed into the security light pole:				
39	32mm Diameter				
	Supply	m	1		
	Install	m	1		
40	50mm Diameter				
	Supply	m	100		
	Install	m	100		
41	PVC/SWA/PVC LV cable with tinned copper earth continuity conductor installed through sleeves measured elsewhere:				
42	16mm² Cu x 4 core				
	Supply	m	10		
	Install	m	10		
43	10mm Cu x 4 core				
	Supply	m	10		
	Install	m	10		
44	6mm² Cu x 4 core				
	Supply	m	5500		
	Install	m	5500		
45	Terminate and connect LV cable at distribution board:				
46	16mm² Cu x 4 core	No.	1		
47	10mm Cu x 4 core	No.	1		
48	6mm² Cu x 4 core	No.	8		
49	Terminate and connect LV cable at security light including cable gland, neoprene shroud, insulating end-connectors:				
50	16mm² Cu x 4 core	No.	1		
51	10mm Cu x 4 core	No.	1		
52	6mm² Cu x 4 core	No.	251		
53	5Amp min. 2,5kA circuit breaker installed behind access opening at security light.				
	Supply	No	251		
	Install	No	251		
54	1,5mm² Surfix cable installed inside security light pole from circuit breaker to light fitting.				
	Supply	m	1255		
	Install	m	1255		
55	Terminate and connect 1,5mm² Surfix cable for security light:				
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
56	At 5Amp circuit breaker	No.	251		
57	At light fitting	No.	251		
58	Servicing of existing lights:				
59	Recover existing security light which is mounted on 4m Mounting Height galvanised steel pole and is similar or equal to Genlux type Apollo with 2 x 26W compact flourescent lamps.	No.	10		
60	Recover damaged/non-functional 26W CFL in aforementioned light.	No.	10		
61	Recover non-functional control gear for 2 x 26W CFL in aforementioned light.	No.	10		
62	Recover damaged/darkened clear acrylic diffuser on aforementioned light.	No.	200		
63	Set light level.	No.	100		
64	Supply and install approximately 100mm wide x 200mm high standard galvanised steel streetlight pole access openning cover including countersuck stainless steel fixing screws.				
	Supply	No.	10		
	Install	No.	10		
65	Set 4m mounting height galvanised steel pole plumb.				
	Supply	No.	10		
	Install	No.	10		
66	Supply and install 26W CFL in aforementioned light.				
	Supply	No.	10		
	Install	No.	10		
67	Supply and install control gear for 2 x 26W CFL in aforementioned light.				
	Supply	No.	10		
	Install	No.	10		
68	Supply and install UV stable clear acrylic diffuser for the aforementioned light.				
	Supply	No.	200		
	Install	No.	200		
69	Dispose off all items recovered above upto 10km off site or disposal/recycling facility.	Sum	1		
70	Streetlight/security light similar or equal to 27W/3526lm Beka type LEDLume Midi or 30W/3645lm Genlux type Gen 0 LED complete with rear / side spigot entry of 42mm diameter.				
	Supply	No.	10		
	Install	No.	10		
	UPS				
71	Test existing 10kVA three phase UPS unit to confirm whether they could be used in this installation and issue inspection and test report.	No.	6		
72	10kVA three phase UPS unit	No.	2		
73	2kVA single phase UPS unit	No.	37		
74	Other additional batteries to allow for UPS supplied under this project to be able to provide standby power for 30 minutes:				
75	10kVA UPS	No.	1		
76	2kVA UPS	No.	10		
77	Housekeeping, sundry item, consumable stocks, etc.	Sum	1		
78	One (1) year guarantee and maintenance of the complete new installation.	Sum	1		
79	Commissioning and testing as specified of the complete UPS installation.	Sum	1		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM	DESCRIPTION	UNIT	QTY	RATE	TOTAL
	SECTION 9: ELECTRICAL WORKS				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
	Sundry Items				
80	Housekeeping, sundry item, consumable stocks such as circuit beads engraving etc.	Sum	1		
81	One (1) year guarantee and maintenance of the complete new installation.	Sum	1		
82	Commissioning and testing of the complete electrical installation including issuing of Certificates of Compliance.	Sum	1		
83	Travelling				
84	Small vehicle (van) upto 1 ton capacity.	km	1000		
85	Truck (specify capacity)	km	100		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 10: TAUT WIRE				
1	Galvanised Sensor Post with Stainless Steel Enclosures for housing of detection hardware in accordance with the specification and accompanying drawings. Tendered rate shall include all necessary fixing and accessories to make the installation complete.				
	Supply	No	30		
	Install	No	30		
2	Sensor Post Electronic Equipment to monitor Taut wires as per the specification,including but not limited to Field Nodes,I/O Expansion Units,27xTaut Wire Sensors Kinematic Detection Master Interface. Tendered rate shall include all hardware,accessories and fixings required to make the Taut wire and Kinematic detection systems functional				
	Supply	No	56		
	Install	No	56		
3	Perimeter System Controller for control functions in the Control Room as per paragraph ??? and more specifically ???? including all accessories necessary to make				
	Supply	No	6		
	Install	No	6		
4	Intermediate posts constructed out of RT 22.6. Posts will be 2750mm long and fully galvanized. Included in this item is Coiled Stainless Steel Springs manufactored to specification. Supplied, installed and commissioned				
	Supply	No	100		
	Install	No	100		
5	Supply and install 27 (barbed) taut wire, arranged on posts to form 2700mm highh detection barrier, tensioned as specified.				
	Supply	m	81000		
	Install	m	81000		
6	Miscellaneous Markers and/or Name plates Supplied and Installed according to Clause ????? Of the specification, including all fixing and accessories required to make the installation complete	SUM	1		
7	Profit for item .06 as above	SUM	1		
8	Supply of 10% of tools and spares for entire Fence Detection System (Supplied and Stored in the Clients Storage facility, supplied for this purpose).	SUM	1		
9	Kinematic Behaviour Sensors as per specification including mounting bracket and all accessories necessary to make the installation complete				
	Supply	No	196		
	Install	No	196		
10	Communication cable UV resistant duct type per specification				
	Supply	m	1158		
	Install	m	1158		
11	Field Node Equipment				
	Supply	No	56		
	Install	No	56		
12	Sensors				
	Supply	No	1338		
	Install	No	1338		
13	Powder coated steel enclosures for taut wire controller equipment				
	Supply	No	37		
	Install	No	37		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 11: BOWED FENCE				
1	Earthing trench using 70 mm² BCC. The installation shall comply with SABS 03. All connections shall be CAD welded.				
	Supply	m	6750		
	Install	m	6750		
2	An Earthing connection from every 3rd Fence Post to a 1.2 m X 14.5 mm earth rod using 70 mm² BCC. The installation shall comply with SABS 03. All connections shall be CAD welded or Hexagon Crimped. Shall also be connected with 70mm² BCC to connect to earth ring (Supplied, Installed and Commissioned).				
	Supply	No	526		
	Install	No	526		
3	Supply and Install a 500 mm finial to each cameras pole as per SABS 03 and connect the finial to a 1.2 m X 14.5 mm earth rod using 70 mm² BCC. Shall also be connected with 70mm² BCC to connect to earth ring. All connections shall be CAD welded.				
	Supply	No	116		
	Install	No	116		
4	Class 1 and Class 2 with avalanche Diodes Lightning Protection for each sensor box as per the General Specification and connect the 70 mm² BCC from the Earth Spike. All connections shall be CAD welded or Hexagon Crimped (Supplied, Installed and Commissioned).				
	Supply	m3	56		
	Install	m3	56		
5	ELECTRONIC SYSTEMS COMPONENTS Kinematic Behaviour Sensors as per the GENERAL SPECIFICATION including mounting bracket and all accessories necessary to make the installation complete				
	Supply	No	546		
	Install	No	546		
6	Communication cable UV resistant duct type as stated the GENERAL SPECIFICATION in				
	Supply	m	13500		
	Install	m	13500		
7	Miscellaneous Markers and/or Name plates Supplied and Installed according to the GENERAL SPECIFICATION, including all fixing and accessories required to make the installation complete	SUM	1		
8	Profit for item .06 as above	Item	1		
9	75mm Dia Kabelflex PVC sleeves installed as specified including bends and saddles				
	Supply	m	4095		
	Install	m	4095		
10	Stakbox modular polyethylene cable access box 300 x 450 x 400mm with tilting galvanized lockable lid				
	Supply	No	10		
	Install	No	10		
11	Electronic Location, rerouting and repairs to existing services	SUM	1		
12	Spare parts as per Engineers Instruction	SUM	1		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 12: SMOKE DETECTION				
1	Single Loop Analog Addressable Control Panel complete with battery and printer as per specification. The panel shall have a fibre optic connection module. Wall mounted in Area indicated on the Engineers drawings (Supplied, Installed and Commissioned).				
	Supply	No	4		
	Install	No	4		
2	Emergency Power Supply Unit				
	Supply	No	4		
	Install	No	4		
3	Ordinary Power Supply Unit				
	Supply	No	4		
	Install	No	4		
4	Signage - Zone Diagram and associated signage				
	Supply	No	4		
	Install	No	4		
5	User Manual Holder				
	Supply	No	4		
	Install	No	4		
6	Supply wiring 1.0 mm² fire retardant type wire, 4 core				
	Supply	m	1600		
	Install	m	1600		
7	Analog Addressable Optical Smoke Detectors				
	Supply	No	60		
	Install	No	60		
8	Analog Addressable Heat Detectors				
	Supply	No	4		
	Install	No	4		
9	Analog Addressable Loop Isolators				
	Supply	No	4		
	Install	No	4		
10	Analogue Adressable Loop powered Sounder/Strobe Light Combination				
	Supply	No	12		
	Install	No	12		
11	Red "Fire" Manual Call Points [Breakglass Unit] as per specification				
	Supply	No	12		
	Install	No	12		
12	Software for all above mentioned hardware				
	Supply	No	4		
	Install	No	4		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
13	System configuration and testing				
	Supply	No	4		
	Install	No	4		
14	Integration of the smoke detection system to the security management software				
	Supply	No	4		
	Install	No	4		
15	Training of the Clients staff				
	Supply	No	4		
	Install	No	4		
16	3 Full sets of Operating and Maintenance manuals				
	Supply	No	4		
	Install	No	4		
	FIRE EXTINGUISHERS				
17	5 kg Carbon Dioxide portable fire extinguisher with alloy steel canister complete with full charge, wall hook and bracket, bracket fixed to and including 25 mm antiwrot meranti backboard, size 700 x 150mm high with champhered edges, painted signal red and fixed to brickwork				
	Supply	No	16		
	Install	No	16		
18	9 kg DCP portable fire extinguisher with alloy steel canister complete with full charge, wall hook and bracket, bracket fixed to and including 25 mm wrot resistant meranti backboard, size 500 x 200mm high with chamfered edges, painted signal red and fixed to brickwork to brickwork				
	Supply	No	3		
	Install	No	3		
	ENCLOSURES				
19	Weather proof UV resistant fibreglass or polycarbonate hinged door enclosures with clear cover for mounting of 9 kg portable extinguishers canisters c/w padlocks and key holders fixed to masonry with stainless steel fasteners				
	Supply	No	3		
	Install	No	3		
	SIGNAGE				
20	190x190 Photo Luminescent signs in aluminium including for fixing to internal walls				
	Supply	No	32		
	Install	No	32		
21	290x290 Reflective signs in aluminium framed including for fixing to external walls				
	Supply	No	6		
	Install	No	6		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 13: MAINTENANCE				
1	Scheduled and Preventative Maintenance once a month for the entire Integrated Security System as per the GENERAL SPECIFICATION for the first 12-months of maintenance coinciding with the guarantee / warranty period.	month	12		
2	Scheduled and Preventative Maintenance once a month for the entire pre-existing/MOS Integrated Security System components as per the GENERAL SPECIFICATION for the first 12-months of maintenance coinciding with the guarantee / warranty period.	month	12		
3	Scheduled and Preventative Maintenance for the entire Integrated Security System as per the schedule in the General Specification on a per month basis for the 36 - month period after the first 12-months of maintenance coinciding with the guarantee / warrantee period. (Including travelling time)	hrs	720		
4	Travel to site by contractor	km	7200		
5	Callout and Emergency Maintenance for the entire Integrated Security System as per specifications for a Security System for the first 12-months of maintenance coinciding with the guarantee / warrantee period.	month	12		
6	Callout and Emergency Maintenance for the entire Integrated Security System as per specifications for a Security System for the first 36-months of maintenance after the first 12 month period coinciding with the guarantee / warrantee period.	month	36		
7	Allow the sum of R1,500,000.00 for non-scheduled material	Sum	1		R 1 500 000.00
8	Allow for profit and attendance on above item	%	0.1		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 14: PROVISIONAL SUMS				
1	SMS Software System To Include : PSIM / SMS Software as detailed in General Specification Integration with PLC Door System, XRAY, UPS GENSET etc To include custom splash screen and Logo by DCS, per DCS preferences / requirements. (Supplied, Installed, Tested and Commissioned).	Sum	1		
2	Provisional Sum for Cashless Society AOKs as per General Specification	Sum			
3	Allow for Profit on item 2	%			
4	Allow for Attendance on Item 2	%			
5	Provisional Sum for Cell phone detection/blocking General Specification	Sum	1		
6	Allow for Profit on item 5	%			
7	Allow for Attendance on Item 5	%			
8	Provisional Sum for Building works	Sum	1		
9	Allow for Profit on item 8	%			
10	Allow for Attendance on Item 8	%			
11	Provisional Sum for Security Engineer	Sum	1		
12	Allow for Profit on item 11	%			
13	Allow for Attendance on Item 11	%			
14	Allow a provisional sum of R4,200,000.00 for building works, to be used in part or whole, at the discretion of the Engineer	Sum	1		R 4 200 000.00
15	Allow for Profit on item 14	%			
16	Allow for Attendance on Item 14	%			
17	Allow a provisional sum of R500,000 for cable tracing for the entire site	Sum	1		R 500 000.00
18	Allow for Profit on item 17	%			
19	Allow for Attendance on Item 17	%			
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 15: MATERIAL ON SITE				
	Contractor to price for the full compensation for the complete supply of the items listed below				
	Schedule 1 - Doors				
1	SECURI-PROD MC26 ROLLER SHUTTER N/C zinc	No	32		
	Schedule 2 - Intercoms				
2	STENTOFON IP MASTER Station with 2 speakers	No	2		
3	IP Staff intercom With back box (RAL colour)	No	55		
4	IP Staff intercom With back box (45 degree back box)	No	19		
5	Mercer VoiP Server	No	3		
	Schedule 3 - Access Control				
6	Virdi AC-5000RF	No	50		
7	U.ARE. U 4500 U.ARE. U 4500	No	18		
8	Virdi Fingerprint and smart card reader	No	5		
9	Moduteq 2 LC Controller	No	6		
10	Moduteq 2 LP1 Controller	No	6		
11	Moduteq 2 LCX	No	6		
12	Moduteq 2 L2W	No			
13	Samsung Colour Laser Printer	No	18		
14	Vista Optoelectronics 42"	No	8		
15	47U Server Brackets (Each box with 2 sides)	No	8		
16	Orinoco AP-8100, MIMO 2x2, Dual Radio, Access Point (Proxim Wireless)	No	27		
17	1U Patch Panel	No	22		
	Schedule 4 - Control				
18	Type A PLC - Beckoff BC9050 - “Compact“ Bus Terminal Controller with integrated IEC 61131-3 PLC, 48 kbytes program memory, Ethernet TCP/IP interface; Ethernet protocols TwinCAT ADS, Modbus TCP	No	38		
19	Type B PLC - Beckhoff KL1408 - Bus Terminal, 8-channel digital input, 24 V DC, 3 ms, 1-wire connection	No	23		
20	Type C PLC Device - Beckhoff KL2408 - Bus Terminal, 8-channel digital output, 24 V DC, 0.5 A, 1-wire connection	No	39		
21	Type D PLC Device - KL9010 Beckhoff End Terminal	No	23		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
22	SDC SDC-520	No	11		
23	64GB SDXC Card	No	11		
24	Alcatel-Lucent OS6250-P24	No	8		
25	Genius Slimstar C130 Stylish Slim Desktop Kit (mouse and keyboard wired)	No	16		
26	19" Dell Monitor E1916HV	No	18		
27	Intel Xeon X3430 4C/4T 2.40 GHz 8 MB	No	16		
28	RAID Ctrl SAS 6G 5/6 512MB (D2616)	No	16		
29	Power Supply Module 450W (hot plug)	No	16		
30	DVD-ROM 1.6" SATA	No	16		
31	Dell PowerEdge R330	No	3		
32	Alcatel-Lucent OS6250-P24	No	3		
33	Alcatel-Lucent OS6450-P24	No	3		
	Schedule 5 - CCTV				
34	Bosch DIP 7080 00N IP7000 Server	No	3		
35	Bosch DIP 6080 00N IP6000 Server	No	1		
36	Bosch-5005c-S0940 1/2.5",CS,9-40mm,SR-IRIS	No	91		
37	Bosch 1/2" C-Mount 3.8-13mm 3MP Sr-Iris LVF-5003N-S3813	No	10		
38	Bosch Dinion IP Camera Dinion IP 5000 HD	No	122		
39	BOSCH FLEXIDOME OUTDOOR 5000 IP dome NDN 50022-V3	No	38		
40	Auto Dome IP Starlight 7000 PTZ Camera	No	4		
41	VG4-SBOX 24VAC SUPPLY BOX FOR AUTODOME	No	4		
42	Cable Management Bracket (GL-209)	No	24		
43	Camera Outdoor Housing	No	23		
44	BOSCH KBD KEYBOARD	No	4		
45	Microsoft LifeCam HD-3000	No	4		
46	Phoenix Contact PSU 24VDC 5A	No	12		
47	Logitech c170 5MP webcam	No	3		
48	BOSCH KBD KEYBOARD	No	4		
49	Microsoft Life Cam VX-2000	No	4		
	Schedule 6 - Fibre				
50	4 Core HD Duct Cable	m	2872		
51	1000BASE-SX MULTI MODE SFP TRANSCEIVER	No	46		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
52	Twelve (12) Core Low Loss Multi-Mode, Fibre Optic	m	6422		
53	Fiber Optic Pigtails	No	580		
54	Fibre Entry Glands	No.	32		
55	St (50/125) Unjacketed tight buffer pigtail 1m OM2 0.9mm LSZH	No	125		
56	LC-ST(50/125) duplex patch cord 1m 2.0mm orange LSZH	No	2		
57	Moxa PSU 48VDC	No	5		
58	Alcatel-Lucent SFP-GIG-SX 1Gb SFP TRANSCEIVER	No	10		
59	Moxa SFP1-port Gigabit Ethernet SFT modulesSFP-1GLSXLC V1.1	No	9		
60	1U 19" Blank Panel	No	4		
61	2U 19" Blank Panel	No	12		
62	3U 19" Blank Panel	No	15		
63	4U 19" Blank Panel	No	8		
64	CAT-6 UTP [multi-strand] cable	m	9000		
65	2m ST-ST Fibre Optic Patch Lead	No	220		
66	Twelve (12) Way 19" Fibre Optic Patch Panel including all fixing materials	No	55		
67	Fibre Optic Splices	No	457		
68	1u Brush Panels in cabinets	No	75		
69	Molex 24 Port Patch Panel	No.	23		
	Schedule 7 - Electrical				
68	10kVA online UPS	No	6		
69	Equipped Kiosks	No	6		
	Shedule 8 - Bowed Fence				
70	D21 Sensor	No	112		
71	420x100x5 Galv plate for Bowed Sensor Box	No	69		
72	1.2 m X 14.5 mm earth rod using 70 mm² BCC	No	450		
73	ELECTRONIC SYSTEMS COMPONENTS Kinematic sensor	No	116		
74	Communication cable UV resistant duct type	m	2965		
75	75mm Dia Kabelflex PVC sleeves	m	6858		
	Schedule 9 - Taut Wire				
76	Taut wire sensor	No	27		
77	Powder coated steel enclosures for taut wire controller equipment	No	25		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
	Schedule 10 - Smoke Detection				
78	GST GST200-2/1	No	3		
79	GST GST P-9930	No	4		
80	GST Fire Derection Manual Call Point	No	8		
81	GST GST I-9103	No	40		
82	SDC SDC-520	No	11		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 16: SUNDRY ITEMS				
	Cabling and Network				
1	4 Core HD Duct Cable				
	Supply	m	3880		
	Install	m	3880		
2	Fibre Optic Patch Panels				
	Supply	No	5		
	Install	No	5		
3	ST-ST Midcouplers-MM				
	Supply	No	39		
	Install	No	39		
4	ST Unjacketed Pigtails MM				
	Supply	No	138		
	Install	No	138		
5	Fibre 1m ST-ST Patch cords MM				
	Supply	No	18		
	Install	No	18		
6	Fibre Entry Glands				
	Supply	No	12		
	Install	No	12		
7	Fibre Cassettes				
	Supply	No	9		
	Install	No	9		
8	Fibre Splices includes OTDR Tests				
	Supply	No	238		
	Install	No	238		
9	Fibre labels				
	Supply	No	150		
	Install	No	150		
10	Multiport Fibre Optic Convertor Chassis				
	Supply	No	5		
	Install	No	5		
11	10/100 Fibre Optic Convertors				
	Supply	No	5		
	Install	No	5		
12	1u Brush Panels in cabinets				
	Supply	No	75		
	Install	No	75		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
13	6u Wall Mount Cabinet in Areas as shown on drawings				
	Supply	No	10		
	Install	No	10		
14	Molex Cat5e/Cat6 Network Data points				
	Supply	No	17		
	Install	No	17		
15	Molex 24 Port Patch Panel				
	Supply	No	25		
	Install	No	25		
16	1TB SATA 3.5” 1st Hard Disk Drive (7200 RPM)				
	Supply	No	18		
	Install	No	18		
17	SuperMulti LS Optical DVD+/-RW				
	Supply	No	18		
	Install	No	18		
18	Windows 11 Professional 64bit pre-loaded				
	Supply	No	18		
	Install	No	18		
19	Dual monitor graphics card + DVI/HDMI and all ancillary connectors				
	Supply	No	18		
	Install	No	18		
20	24” FHD LCD Monitor				
	Supply	No	18		
	Install	No	18		
21	Full QWERTY USB Keyboard				
	Supply	No	18		
	Install	No	18		
22	Optical 3-button + Scroll USB mouse				
	Supply	No	18		
	Install	No	18		
23	2000VA ONLINE UPS				
	Supply	No	18		
	Install	No	18		
24	LASER MFP,8PPM COLOUR,12MONO				
	Supply	No	4		
	Install	No	4		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
25	Thermal Receipt Printer				
	Supply	No	3		
	Install	No	3		
26	Virdi vandal proof outdoor housing type biometric reader.				
	Supply	No	18		
	Install	No	18		
27	Microsoft Life Cam VX-2000, installed such that the installation is vandalproof.				
	Supply	No	4		
	Install	No	4		
28	Intel Xeon X3430 4C/4T 2.40 GHz 8 MB				
	Supply	No	16		
	Install	No	16		
29	RAID Ctrl SAS 6G 5/6 512MB (D2616)				
	Supply	No	16		
	Install	No	16		
30	4x HD SATA 3G 1TB 7.2K HOT PLUG 3.5" BC				
	Supply	No	8		
	Install	No	8		
31	Power Supply Module 450W (hot plug)				
	Supply	No	16		
	Install	No	16		
32	DVD-ROM 1.6" SATA				
	Supply	No	16		
	Install	No	16		
33	42U 1M Deep Cabinet				
	Supply	No			
	Install	No	0		
34	Wall Mounted 15U 19" Rack including all fixing materials (Supplied, Installed, Tested and Commissioned).				
	Supply	No	23		
	Install	No	23		
35	Software for all above mentioned hardware				
	Supply	No	4		
	Install	No	4		
36	System configuration and testing				
	Supply	No	4		
	Install	No	4		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
37	Integration to the security management software				
	Supply	No	4		
	Install	No	4		
38	Training of the Clients staff (period equivalent to 16 hours)				
	Supply	No	4		
	Install	No	4		
39	3 Full sets of Operating and Maintenance manuals				
	Supply	No	4		
	Install	No	4		
40	4mm² 4c Cu PVC PVC cable including all terminations for the cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	300		
	Install	m	300		
42	2.5mm² 4c Cu PVC PVC cable including all terminations for the cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	2000		
	Install	m	2000		
43	1mm² 3-core NORSK cable including all terminations for the cable (Supplied, Installed, Tested and Commissioned).				
	Supply	m	100		
	Install	m	100		
44	4mm² Bare Copper Conductor (BCC) including all terminations for the conductor (Supplied, Installed, Tested and Commissioned).				
	Supply	m	300		
	Install	m	300		
	TOTAL CARRIED FORWARD TO NEXT PAGE				

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Brought Forward				
45	2.5mm² Bare Copper Conductor (BCC) including all terminations for the conductor (Supplied, Installed, Tested and Commissioned).				
	Supply	m	2000		
	Install	m	2000		
46	1mm² Bare Copper Conductor (BCC) including all terminations for the conductor (Supplied, Installed, Tested and Commissioned).				
	Supply	m	100		
	Install	m	100		
47	Housekeeping, sundry item, consumable stocks etc.	Sum	1		
48	Testing of complete installation in terms of the regulations	Sum	1		
49	Provide Certificates of Compliance - to be applied for each sub-system electronic installtion	Sum	1		
50	Making safe and de-commissioning where specified	Sum	1		
	<u>Dayworks (general)</u>				
	Personnel:				
51	- Electrician/Technician	hr	100		
52	- Assistant (skilled)	hr	100		
53	- Assistant (unskilled)	hr	150		
	Travelling:				
54	- Small vehicle (van) up to 1 ton capacity	km	1000		
55	- Truck (specify capacity below)	km	1000		
	TOTAL CARRIED FORWARD TO SUMMARY PAGE				

ST ALBANS ELECTRONIC INSTALLATIONS WP1

TENDER PRICE SUMMARY

ITEM	DESCRIPTION	TOTAL AMOUNT
Bill No. 1	Bill No.1 - P&G's	
Bill No. 2	Bill No.2 - Doors	
Bill No. 3	Bill No.3 - Intercoms	
Bill No. 4	Bill No.4 - Access Control	
Bill No. 5	Bill No.5 - Control	
Bill No. 6	Bill No.6 - C.C.T.V	
Bill No. 7	Bill No.7 - Fibre	
Bill No. 8	Bill No.8 - Misc	
Bill No. 9	Bill No.9 - Electrical Installations	
Bill No. 10	Bill No.10 - Bowed Fence Detection System	
Bill No. 11	Bill No.11 - Taut Wire Fence	
Bill No. 12	Bill No.12 - Smoke Detection	
Bill No. 13	Bill No.13 - Operational Maintenance	
Bill No. 14	Bill No.14 - Provisional Sums	
Bill No. 15	Bill No.15 - MOS Schedule	
Bill No. 16	Bill No.16 - Sundry Items	
Subtotal A		
Contingencies (5%)		
CSDG (1.0%)		
CONTRACT ESCALATION (8%)		
Subtotal B		
VAT (15%)		
	ELECTRICAL TENDER PRICE SUMMARY	

NAME OF FIRM: ……

TENDERER'S SIGNATURE ……

NAME IN PRINT ……

ADDRESS ……

……

……

DATE ……

TEL. NO. ……

FAX NO. ……