

PART 3: SCOPE OF WORK

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C3.1	<i>Employer's Works Information</i>	
C3.2	<i>Contractor's Works Information</i>	
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C3.1: EMPLOYER’S WORKS INFORMATION

Contents

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1 Description of the works

1.1 Executive overview

Simmerpan Substation Scope

- Lay and terminate 2 sets of 3 x 1 core 500mm² XLPE 88 kV, HV cables from the 88kV Tx busbar to the 88/11V transformers (1680m cable).
- • Install 3L manhole link box on the Tx termination and a 3L SVL link box on the Dx termination
- • Install 550m of 185mm² ECC

Germiston Factories Substation Scope

- Dismantle the 2 sets of 3 x 88kV 1C 1000mm² Al XLPE Germiston factories feeder cables (Germiston Factories - Simmerpan 1&2) from the existing 88kV cable termination in Simmerpan substation.
- Trace the cable outside the existing wall, and make 3 x straight joint for each feeder.
- Trench approximately 320m and 330m for feeder 1& 2 respectively, along the boundary of the proposed MTS wall and in the Tx 88kV yard.
- Lay the cables.
- Terminate the cables in the new 88kV yard onto the cable termination structure at the Tx substation.
- Install 2 x 3L way link disconnecting box at each HV cable support.

11.1.1 Electrical & Civil Contractor: P&Gs and Pre-construction related activities.

The contractor shall not assume that any Eskom property may be used to establish site or store any equipment, material, etc. whatsoever.

The contractor shall ensure that Eskom approved and specified PPE is worn by all employees during site meetings, inspections, work being performed or any other instance where the contractor's employees are on-site.

The contractor shall ensure that all contractor specific Risk Assessment Procedures, Quality Management Systems, Health and Safety Specifications, Environmental Plans, Safety Inspections, OHSa appointments, and Non-Conformance Process are in place and available on-site and can be presented to Eskom when requested to do so.

The contractor shall ensure a Responsible person (in terms of the ORHVS) is available and on-site, during site meetings, inspections, work being performed or any other instances where the contractor's employees are on-site.

The contractor shall ensure Environmental Compliance & Site maintenance on all work sites.
The contractor shall provide security as per BoQ and as may be required by Eskom.

The Contractor shall ensure that all material to be used on-site and labour (already completed) is fully insured. The contractor shall replace material that have been stolen, vandalism or damaged by third parties at its own cost. The contractor shall also perform labour to replace material that have been stolen, vandalism or damaged by third parties at its own cost. This condition becomes null and void, once the completed work and Eskom assets are formally handed back to Eskom.

The contractor shall guarantee workmanship on all work performed for up to 3 years after formal completion and formal handover of work performed on Eskom assets. Should any material or asset failure or

deterioration occur, then the contractor shall replace or reinstate the material or asset at its own cost. The contractor shall also perform labour to replace or reinstate the material or asset at its own cost. This condition becomes null and void if it can be proven that the failure or deterioration was not due to contractor negligence. Without any proof, the condition remains in full force.

The contractor shall take photos and video of the new / existing HV cable route before and after construction. Photos and Video to be stored on digital media and submitted to Eskom. Photos to be date and time stamped and clearly visible and accurately represent the conditions on-site before and after construction. The photos and video is to protect Eskom and the contractor from claims that may arise from statutory bodies, non-statutory bodies, service providers, or any other third parties. Where the contractor fails to adhere to this condition, it will be concluded that the contractor is at fault and that the contractor would need to reinstate as may be required by Eskom, statutory bodies, non-statutory bodies, service providers, or any other third parties at the contractor's own cost.

The contractor shall ensure that all requirements from the statutory bodies, non-statutory bodies, service providers, or any other third parties are adhered to, and will complete and submit project close out and project completion documentation as may be required by these statutory bodies, non- statutory bodies, service providers, or any other third parties to them. Copies of these documents to be submitted to Eskom.

Security Spec Germiston Factories Cable Works

SCOPE OF WORK: PHYSICAL SECURITY GUARDING SERVICES (FIBRE OPTIC AND OTHER EXPOSED ITEMS IN THE TRENCH BETWEEN SIMMERPAN SUB AND GERMISTON FACTORIES.

DESCRIPTION OF SERVICES

Category A - 24/7 unarmed physical/ static guarding

- (a) Posting of 2 x security marked patrolling vehicles with 2 x grade c static security officers per shift.**
- (b) The vehicles will patrols frequently driving pass each from Simmerpan Substation to Germiston factories as per location of the opened trench.**
- (c) Patrolling guards will ensure the safeguarding of fibre optic cable and other exposed items that could be identified after trenching from theft and vandalism.**
- (e) patrolling guards must be equipped with a panic button and a guard monitoring system linked to the contractor's control room.**
- (f) Prevent crime incidents against Eskom personnel, contractors and public at the sites where security services are to be rendered.**
- (g) Ensure compliance to Eskom Standards, Policies, and Standard operating procedures and work instructions.**
- (h) Eskom reserves the right to alter the number of Security officers as per risk assessment which is to be conducted daily.**
- (i) Install clocking devices at strategic places that are able to generate site summary report and must be send to Eskom as and when required. A target of 100% patrol must be met all times.**

CONTRACT REQUIREMENTS

COMPANY

- (a) The company must be officially registered in South Africa as a business entity.**
- (b) The company and the company owner(s)/directors must be registered in terms of Section 20 of Private Security Industry regulatory Act as Security Service providers.**
- (c) Eskom reserves the right to immediately terminate services of any company not in good standing with PSIRA.**
- (d) The company must have an established and functional 24-hr security control room and Eskom reserves the right to conduct inspections of the facilities.**
- (e) The company should meet all the site(s) requirements and be in a position to render the required services without fail.**
- (a) The company must ensure that Security officer's salaries/wages are according to PSIRA rates for the grade that they have been employed and deployed for on Eskom sites.**

- (f) Service provider should have sound knowledge of applicable South African legislation and ensure compliance thereto.
- (g) The contractor will be expected to attend operational meetings as and when required.
- (h) In the event of non-performance by the supplier, Eskom reserves the right to cancel the contract immediately and replace with another service provider. All costs incurred as a result of such action will be recovered from the outgoing contractor.

SECURITY OFFICERS

- (a) All Security officers must be registered with PSIRA at the required Grade.
- (b) Security officers must be able to read and write.
- (c) Security officers must be in possession of their PSIRA and company I.D card at all times.
- (d) Security officers may be subjected to a screening process and including security vetting.
- (e) Security officers should not have been convicted of any criminal offence and should disclose all pending criminal prosecutions against them. Non-disclosure of such will result in the officers' automatic removal from Eskom site or duties.
- (f) Security officers should be able to read and write and express themselves well in English.
- (g) Security officers may be required to undergo a polygraph tests as and when required.
- (h) No security officers are to be deployed in terms of this contract, before undergoing necessary Eskom induction, training and assessments. Eskom reserves the right to remove such Officers that have not complied with this requirement from their sites or duties as per this contract at the cost to the contractor.

UNIFORM

- (a) Wearing of uniform is compulsory and as per PSIRA requirements. Corporate wear shall be worn at Office buildings and combat uniform for field work.
- (b) Uniforms must always be clean and correctly worn. The uniform must be in good condition.
- (c) The winter uniform should include a warm coat, boots, gloves and a beanie (woollen hat).
- (d) Personal protective equipment (PPE) must include safety shoes, raingear and level 3 bullet proof vest.
- (e) Bullet Proof Vests Level III Special SA MIX shall be procured, supplied and maintained by the supplier as part of its PPE scope of supply for the services. Bullet proof vests shall be worn as part of uniform by all security officers.

EQUEPMENT TO BE SUPPLIED BY A SUPPLIER

- (a) Two-way radios or company Push-to-talk (PTT) must be linked to Security Control Room
- (b) Panic buttons must be provided to all guarded sites and be tested timeously for their reliability.
- (c) Clocking points and guard monitoring system must be installed on all guarded
- (d) Occurrence book to be correctly completed by Security officers and supervisors listing all occurrences and visits on site.

INCIDENTS REPORTING AND INVESTIGATION

- (a) All incidents and response to incidents must be handled according to the relevant SOPS and/or work instructions for each site.
- (b) All incidents and response must be immediately reported to the Eskom control room.
- (c) The SAPS must be contacted immediately only for criminal incidents or suspected ongoing criminal activities.
- (d) Weekly status reports are to be supplied by the service provider.
- (e) The contractor is to ensure that all involved personnel are available for relevant court proceedings, incident investigations and assist Eskom and the SAPS in their investigations as and when required.
- (f) All incidents (including incidents in terms of the Occupational Health and Safety Act), should be reported within 24 hours and a preliminary investigation report provided within 24 hours as well as a final Incident investigation report within Seven (7) days.

SAFETY REQUIREMENTS

- (a) Transportation of injured person on vehicles not suitable for the purpose is totally prohibited. The Service Provider is encouraged to make use of the services of the Eskom contracted Emergency service provider, as far as it is practically possible.
- (b) All vehicles utilized to transport staff, must be fitted with SABS approved seatbelts.
- (c) The Service provider is responsible to ensure that the security officers deployed at Ad-hoc sites have access to a shelter, water and sanitation.
- (d) All Security officers should receive a safety induction before they can be deployed on Eskom sites.
- (e) Safety recommendations following an incident shall be implemented by all Security Service providers to prevent further reoccurrences at any of the Eskom site, as per allocated timeframes.
- (f) Open fires, the use of bar heaters and hotplates as heaters at Eskom sites, is totally prohibited.

TASK ORDERS

- (a) No work is to commence before a Task order with an SAP Order number has been supplied to the contractor by Eskom and such Task order is signed by the supplier and returned to Eskom.
- (b) No Task order will be issued until Eskom has been satisfied that all applicable training has been done and all requirements had been met.
- (c) Task order(s) will only be issued once a signed NEC documents have been returned to Eskom.

2.8 INSPECTIONS AND SITE VISITS

- (a) Eskom management will carry out random inspections and evaluation visits. Similar visits should be carried out by supplier management from Operation Manager upwards.
- (b) As part of the above visits, Security officer may be taken off site for practical and theoretical evaluation at a suitable location.
- (c) Eskom reserves the right to visit and conduct inspection of the contractor’s control rooms and carry out evaluation at any random time.
- (d) The security contractor must comply fully with all legislation, Eskom policies, standards and procedures.
- (e) The Eskom reserves the right, to order the removal of a Security officer who has been found not to be competent or negligent in his duties.
- (f) Non-conformances are to be issued by Eskom should the Service provider fail to comply with the contract terms.

DOCUMENTATION

3.1 The following documentation is to be supplied by the security service provider at least four (4) weeks before a Task order can be issued and commencement of the contract.

- (a) List of all potential security officers intended to be deployed on Eskom sites in terms of this contract.
- (b) Certified copies of all Security officers’ firearm competency certificates.
- (c) Criminal check records as proof that the Security officers have not been convicted of any criminal offence.
- (d) Standard operating procedures per site to include the following but not limited to and should be approved by Eskom representative before application:

Transportation of security guards

The PSIRA guidelines provide for the costs associated with the transportation of security to be included in the overhead and profit cost. In this regard Eskom shall not pay additional costs for the transportation of guards to and from work.

N.B.: for safety reasons no security guards shall be transported at the back of a bakkie. This requirement shall be spelt out clearly in the scope document.

Schedule of Deficiency and Penalties NO	DEFICIENCY	PENALTY
1	Security officer (SO) or dog not posted on duty as agreed upon. (Short posting)	One shift cost deduction

2	SO intoxicated/ or under the influence of liquor or drugs.	Permanent removal of SO from Eskom contract duties.
3	Refusal by SO to comply with lawful instruction.	Permanent removal of SO from Eskom contract duties.
4	Sleeping on duty.	50% of cost deduction
5	Desertion of post by SO	One shift cost deduction
6	Negligent by SO in the performance of their duties	Permanent removal of SO from Eskom contract duties.
7	SO late for duty (tantamount to short posting)	50% of shift cost deduction
8	SO without a functional torch or spotlight	10% deduction of the SO shift rate
9	SO or site without a functional radio or PTT	10% deduction of the total monthly site cost
10	No functional panic button on site only for applicable sites	10% deduction of the total monthly site cost
11	SO not wearing bullet proof vest. Vests worn without plates and wearing of non-level 3 bullet proof vests will be deemed as no bullet proof vest was worn.	50% deduction of the SO shift rate per occurrence
12	SO not armed in one shift	50% deduction of the shift rate
13	Non submission of vehicle tracking reports	Non payments of the total services (i.e. the cost for the SOs, vehicle and dog)
14	Non submission of site inspections reports by Crime prevention and response team.	Non payments of the total services (i.e. the cost for the SOs, vehicle and dog)
15	Late reporting of patrol teams at designated reporting site.	50% of total shift cost deduction (i.e. the cost for the SOs, vehicle and dog)
16	SO not wearing proper uniform items or uniform is worn out.	50% shift cost deduction
17	SO not armed in one shift	50% deduction of the shift rate
18	Non submission of vehicle tracking reports	Non payments of the total services (i.e. the cost for the SOs, vehicle and dog)
19	Non submission of site inspections reports by Crime prevention and response team.	Non payments of the total services (i.e. the cost for the SOs, vehicle and dog)

1.2 Employer’s objectives and purpose of the works

Eskom objective is to convert 88 kV Simmerpan Dx substation into a 275/88 kV MTS, which is the responsibility of Eskom Transmission. All the current load at Simmerpan Dx substation will be moved to Sisimuka. All this is to assist in making Jupiter MTS firm.

1.3 Interpretation and terminology

The following abbreviations are used in this Works Information:

Abbreviation	Meaning given to the abbreviation
AFC	Approved for construction
OBL	Outside battery limits
ORHVS	Operating Regulation of High Voltage Systems
HV	High Voltage
OHSA	Occupational Health and Safety Act

2 Management and start up.

2.1 Management meetings

Regular meetings of a general nature may be convened and chaired by the *Project Manager* as follows:

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	As and when required	Site Office-Simmerpan	Project Manager, Contractor, COW, QS, SHEQ Officer, Engineer
Overall contract progress and feedback	Monthly basis	Site Office-Simmerpan	Project Manager, External Stakeholders, Contractor, Supervisor, COW, SHEQ and QS
Kick off meeting	Once off	Simmerpan	All stakeholders
Handover meeting	5 meetings	Simmerpan	All stakeholders

Meetings of a specialist nature may be convened as specified elsewhere in this Works Information or if not so specified by persons and at times and locations to suit the Parties, the nature and the progress of the works. Records of these meetings shall be submitted to the *Project Manager* by the person convening the meeting within five days of the meeting.

All meetings shall be recorded using minutes or a register prepared and circulated by the person who convened the meeting. Such minutes or register shall not be used for the purpose of confirming actions or instructions under the contract as these shall be done separately by the person identified in the *conditions of contract* to carry out such actions or instructions.

2.2 Documentation control

All communication submitted shall be done via e-mail and should follow Chronological order.
Use appropriate ECC forms for contractual communication, also note from ECC who issues what to whom.

2.3 Health and safety risk management

The *Contractor* shall comply with the health and safety requirements contained in Annexure to Tender Enquiry.

Simmerpan Substation



Simmerpan sub
project SHE SPECIFIC

Germiston Factories Substation

2.4 Environmental constraints and management

The *Contractor* shall comply with the environmental criteria and constraints stated in Annexure to Tender Enquiry.



EMP_Simmerpan
Substation Upgrade

Germiston Factories Substation

2.5 Quality assurance requirements

As per attached Quality Requirments

2.6 Invoicing and payment

Within one week of receiving a payment certificate from the *Project Manager* in terms of core clause 51.1, the *Contractor* provides the *Employer* with a tax invoice showing the amount due for payment equal to that stated in the *Project Manager's* payment certificate.

The *Contractor* shall address the tax invoice to Eskom Holdings SOC Ltd and include on each invoice the following information:

- Name and address of the *Contractor* and the *Project Manager*;
- The contract number and title;
- *Contractor's* VAT registration number;
- The *Employer's* VAT registration number 4740101508;
- Description of service provided for each item invoiced based on the Price List;
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;
- (add other as required)

Add procedures for invoice submission and payment (e. g. electronic payment instructions)

2.7 Insurance provided by the *Employer*

The *Contractor* shall ensure that all material to be used on-site and work (already completed) is fully insured. The *contractor* shall replace material that have been stolen, vandalism or damaged by third parties at its own cost. The *contractor* shall also perform labour to replace material that have been stolen, vandalism or damaged by third parties at its own cost. This condition becomes null and void, once the completed work and Eskom assets are formally handed back to Eskom.

2.8 Provision of bonds and guarantees

The form in which a bond or guarantee required by the *conditions of contract* (if any) is to be provided by the *Contractor* is given in Part 1 Agreements and Contract Data, document C1.3, Sureties.

The *Employer* may withhold payment of amounts due to the *Contractor* until the bond or guarantee required in terms of this contract has been received and accepted by the person notified to the *Contractor* by the *Project Manager* to receive and accept such bond or guarantee. Such withholding of payment due to the *Contractor* does not affect the *Employer's* right to termination stated in this contract.

2.9 Records of Defined Cost, payments & assessments of compensation events to be kept by the *Contractor*

Records of defined costs are to be kept on file on site whereby the *Project Manager* has access to this file at all times.

3 Procurement

3.1 People

3.1.1 Minimum requirements of people employed on the Site

Foreign Nationals should have permits. Employees must adhere to Eskom life saving rules.

3.1.2 BBBEE and preferencing scheme

3.1.3 SD & L requirements

Refer to attached SD & L requirements

3.2 Subcontracting

3.2.1 Subcontract documentation, and assessment of subcontract tenders

Subcontractor will be treated as main contractor and must submit the NEC with all requirements. PC to accept the subcontract before they are appointed.

3.2.2 Limitations on subcontracting

Refer to attached SD & L requirements

3.3 Plant and Materials

3.3.1 Quality

Refer to quality Requirements

3.3.2 Plant & Materials provided "free issue" by the Employer

Refer to the BOM

3.3.3 Contractor's procurement of Plant and Materials

Employer may require warranties from suppliers to be in favour of the *Employer* and not just to the *Contractor* during the life of the contract

3.4 Tests and inspections before delivery

Not Applicable

4 Construction

4.1 Temporary works, Site services & construction constraints

4.1.1 *Employer's* Site entry and security control, permits, and Site regulations

As per SHE and Safety File Approval Requirements

4.1.2 Restrictions to access on Site, roads, walkways and barricades

Refer to Eskom SHE Specification Requirements

4.1.3 People restrictions on Site; hours of work, conduct and records

Refer to SHE Specification Requirements

All contractors shall, before commencement of the project ensure that all their employees are familiar with and adhere to the relevant Eskom SHE Specification requirements that is applicable to the two projects.

HOURS OF WORK

The requirements of the Basic Conditions of Employment Act, Chapter Two "Regulation of Working Time" must be adhered to. All contractors are required to maintain an accurate record of time worked by each employee.

Normal work

All work conducted on site shall fall within the legal requirements in accordance with the Basic Conditions of Employment Act. Contractors will notify their Eskom Supervisor or project manager of any work that needs to be performed after hours according to the agreed arrangements. (The application needs to be submitted timeously). Where applicable, the notification should include proof of application, for overtime, to the Department of Labour and /or the letter of approval from the Department of Labour.

Night work

When night work is to be performed; contractors shall provide sufficient lighting to enable the entire work site to be illuminated to a degree that employees will not work in dark (un-illuminated) or dimly lit areas. Care must be exercised as not to use few lights with high light intensives as this will cause night blindness. If work is continuing from day light into night, at dusk, a tool box talk must be held where all employees will be advised of the hazards of night work and the extra precautions which require to be taken, i.e. poor housekeeping, stepping on uneven ground, stepping into holes etc.

Overtime

When overtime is required to be performed, the appointed contractors shall inform the principal contractor of such action. The principal contractor shall inform the Eskom project manager of such function. Contractors shall be aware of the effects of human fatigue and regulate overtime accordingly. The baseline risk assessment must be reviewed to include the management of overtime work.

4.1.4 Cooperating with and obtaining acceptance of Others

1. At Germiston Factories and Simmerpan Substation, you shall be required to co-operate with contractor for Substation Control Plant work at certain stages. You will be using one entrance and sharing Workspace as required.
2. Notification of Department of Labour prior commencement of Construction Work as per OHS Act 85 of 1993, Construction Regulations 2014, regulation 4

4.1.5 Publicity and progress photographs

Create an as-built cadastral drawings that show the positions of the cable, transposition positions (if applicable, cable and bare or insulated ECC), joints, terminations, link disconnecting boxes and fibre optic cable draw pits (for differential protection and DTS fibre), relative to recognized boundaries and with Global Positioning Satellite (GPS) co-ordinates. (GPS coordinates to be accurate to 0.5m) The diagram shall also show the route of the Distributed Temperature Sensing fibre cable and the fibre cable used for differential protection, if different from the HV cable route. In addition, these drawings shall also include positions and routes of other (third party) services in close proximity to the newly installed HV power cable as they were encountered on-site, during installation. Drawing should also be stored in *.dxf / *.dgn format capable of being uploaded into Micro-station.

4.1.6 Contractor's Equipment

As per Eskom SHE Specification Requirements

4.1.7 Equipment provided by the Employer

Not Applicable

4.1.8 Site services and facilities

Public services and infrastructures are limited, and the *Contractor* shall arrange for the following: Sanitation and accommodation on site for own use as specified in Preliminary and General.

Contractor shall provide everything necessary for Providing the Works.

4.1.9 Facilities provided by the Contractor

Contractor to provide Site Office, Storage and Ablution according to SANS standard and Construction regulations and Eskom SHEQ requirements.

4.1.10 Survey control and setting out of the works

Eskom surveyor will mark the route for the contractor.

4.1.11 Excavations and associated water control

Contractor to provide barricading, shoring timber and pump water from excavations were required.

4.1.12 Underground services, other existing services, cable and pipe trenches and covers

Refer to wayleave

4.2 Completion, testing, commissioning and correction of Defects

4.2.1 Work to be done by the Completion Date

On or before the Completion Date the *Contractor* shall have done everything required to Provide the Works except for the work listed below which may be done after the Completion Date but in any case before the dates stated. The *Project Manager* cannot certify Completion until all the work except that listed below has been done and is also free of Defects which would have, in his opinion, prevented the *Employer* from using the *works* and Others from doing their work.

	Item of work	To be completed by
	As built drawings of TBA	Within TBA days after Completion
	Performance testing of the <i>works</i> in use as specified in paragraph TBA of this Works Information.	See performance testing requirements.

5 Plant and Materials standards and workmanship

5.1 Investigation, survey and Site clearance

Germiston Factories Substation

Eskom Surveyor to issue Wayleave and Route Map from Sisimuka to Germiston Factories Substation is issued with DHO.

5.2 Building works

General information and requirements for high-voltage cable system (DST 34-1177)
Standard for the labelling of High Voltage equipment

5.3 Civil engineering and structural works

SANS1200

6 List of drawings

6.1 Drawings issued by the Employer

This is the list of drawings issued by the *Employer* at or before the Contract Date and which apply to this contract.

Note: Some drawings may contain both Works Information and Site Information.

Simmerpan Substation

Drawing Number	Sheet Number	Revision Number	Description	Attached (Y/N)
D-DT-5271	2	0	HV CABLE TERMINATION END SUPPORT STRUCTURE DETAILS	N
D-DT-5271	3	0	HV CABLE TERMINATION END SUPPORT CAP DETAILS (MODIFIED TO SUIT PCD - 450)	N
D-DT-0890	1	4	HV XLPE CABLE TERMINATION WITH SURGE ARRESTOR CONDUCTOR ASSEMBLY (44kV - 132kV)	N
D-DT-0892	2	6	HV POWER CABLE TRENCH DETAILS (TRE-FOIL FORMATION)	N
D-DT-0893	1	4	HV CABLE BONDING AND EARTHING ARRANGEMENT END-POINT BONDED SYSTEM	N
D-DT-0894	1	2	MANHOLE DETAILS HV CABLE LINK DISCONNECTING BOX	N
D-DT-0894	2	2	MANHOLE DETAILS HV/MV CABLE FIBRE OPTIC CABLE DRAW PIT	N
D-DT-0894	3	2	MANHOLE DETAILS HV CABLE LINK DISCONNECTING BOX (PRE-CAST)	N
D-DT-0894	4	2	MANHOLE DETAILS HV/MV CABLE FIBRE OPTIC CABLE DRAW PIT (PRE-CAST)	N

Germiston Factories

Drawing Number	Sheet Number	Revision Number	Description	Attached (Y/N)
D-DT-0893 Sheet 5 Rev4	5	4	HV CABLE OUTDOOR TERMINATION BONDING AND EARTHING ARRANGEMENT	Y
D-DT-0893 Sheet 4 Rev4	4	4	HV CABLE BONDING AND EARTHING ARRANGEMENT CROSS-BONDED SYSTEM	N
D-DT-0891 Sheet 1 Rev 6	1	6	HV XLPE SINGLE CIRCUIT DIRECT BURIED JOINT BAY LAYOUT	Y
D-DT-0891 Sheet 4 Rev 6	4	6	HV SINGLE CIRCUIT DIRECT BURIED JOINT BAY PROTECTIVE WEATHER COVER	Y
D-DT 0892 Sheet 1 Rev 6	1	6	HV POWER CABLE TRENCH DETAILS (FLAT FORMATION)	Y
D-DT 0894 Sheet 2 Rev 2	2	2	MANHOLE DETAILS HV/MV CABLE FIBRE OPTIC CABLE DRAW PIT	Y