

QUOTATION

**EMERGENCY REPAIRS OF MEDIUM VOLTAGE (11KV) UNDEGROUND
CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR AT
BATHANDWA NDONDO OFFICE PARK IN KOMANI**

CHR5-22/23-0021

NAME OF COMPANY: _____

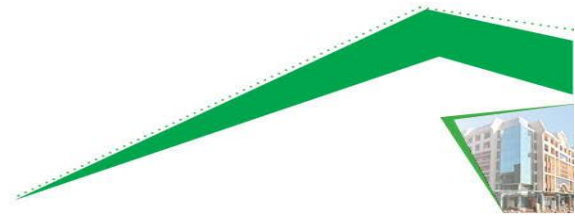
CSD Nr: _____

CRS Nr (CIDB): _____

CLOSING DATE: 28 FEBRUARY 2023

TIME: 11H00

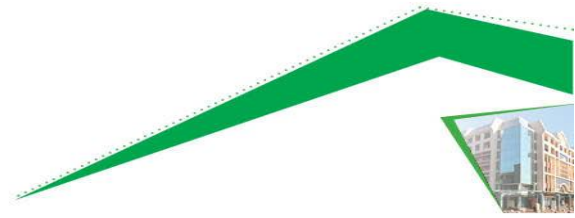
Department of PUBLIC WORKS AND INFRASTRUCTURE
Ground Floor Office C.G 019
No.1 Creamery Road,
Old CPA Building,
5320



PART T1: TENDER PROCEDURES

T1.1 TENDER NOTICE AND INVITATION TO TENDER

T1.2 TENDER DATA



T1.1 Tender Notice and Invitation to Tender

The Eastern Cape Department of Public Works and Infrastructure invites contractors with a CIDB Grading of **2EP OR HIGHER** in the following Class of works (EP) to tender for the EMERGENCY REPAIRS OF MEDIUM VOLTAGE (11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.

The Eastern Cape Department of Public Works and Infrastructure will enter into a JBCC MWA, Edition 4.1 (2005) with the successful Bidder.

Only tenderers who have suitable experience and suitably qualified personnel in providing similar services to those that are required are eligible to submit tenders.

Quotation documents may be downloaded for free of charge from the Department of Public Works and Infrastructure website (www.ecdpw.gov.za/tenders) OR can be collected from the Department of Public Works and Infrastructure, Ground floor, office no. C.G19 at No.1 Creamery Road, Old CPA building, Komani from **14 FEBRUARY 2023**.

Queries relating to the issue of these documents may be addressed in writing to Ms. Babalwa Mshede - email: babalwa.mshede@ecdpw.gov.za. Technical enquiries: may be addressed in writing to Mr. Mbuyiseli Hlazo—mbuyiseli.hlazo@dpw.ecape.gov.za

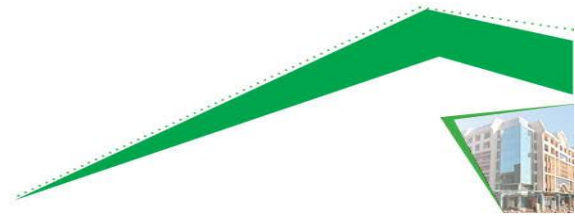
A compulsory Pre-Tender Briefing meeting with bidders and Department of Public Works & Infrastructure personnel will take place at BATHANDWA NDONDO OFFICE PARK on **22 FEBRUARY 2023, starting from 11H00 to 12H00**.

The closing time and date is **11H00 on 28 FEBRUARY 2023**. Telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted. Bids must be submitted in sealed envelopes clearly marked tenders "CHR5-22/23-0021. EMERGENCY REPAIRS OF MEDIUM VOLTAGE (11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.

It is the responsibility of the tenderer/s to ensure that bid documents /proposals are submitted on or before closing time and the correct location as the department will not take responsibility of wrong delivery. Tenderers using courier services for delivery of their bid documents must ensure the delivery is at the correct place / location and time as the department will not be held responsible for wrong delivery. Not delivered to Departmental officials. The Department will not accept responsibility if bids received by officials are not timely deposited in the Bid Box.

Tenders may only be submitted on the quotation documentation that is issued. Tenderers must be registered on the National Treasury Central Supplier Data Base prior award.

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



B. BID EVALUATION:

This quotation will be evaluated in Three (3) stages as follows:

Stage ONE: To be evaluated in terms of the stipulated minimum threshold for Functionality as indicated on the tender data. Failure to meet the minimum score for functionality will render the bid non-responsive and the bid will not be evaluated further,

Stage TWO: Compliance, responsiveness to the bid rules and conditions,

Stage THREE: Bidders passing all stages above will thereafter be evaluated on PPPFA and its Regulations for 2022

PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT (PPPFA) AND ITS REGULATIONS FOR 2022 WILL BE AWARDED AS FOLLOWS:

Maximum points on price	-	80 points
Maximum points for Specific Goals	-	20 points
Maximum points	-	100 points

C. BID SPECIFICATIONS, CONDITIONS AND RULES

The minimum specifications, other bid conditions and rules are detailed in the bid document under Tender Data

The Department of Public Works and Infrastructure SCM policy applies.

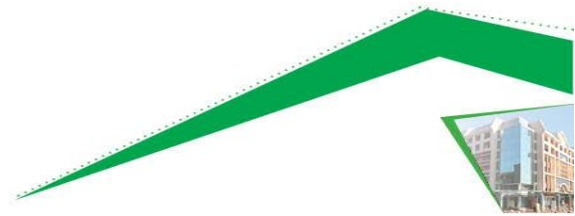
Tender validity period is **60 days**

D. ENQUIRIES WITH REGARD TO THIS ADVERT MAY BE DIRECTED TO:

- **SCM RELATED ENQUIRIES**
Ms. B. Mshede
Tel No: 045 807 6663 / 6624
Email Address: babalwa.mshede@ecdpw.gov.za
- **TECHNICAL ENQUIRIES**
Mr. MJ Hlazo
Tel No.: 045 807 6606/0823022881
Email Address: mbuyiseli.hlazo@ecdpw.gov.za

FOR COMPLAINTS, FRAUD, & TENDER ABUSE:

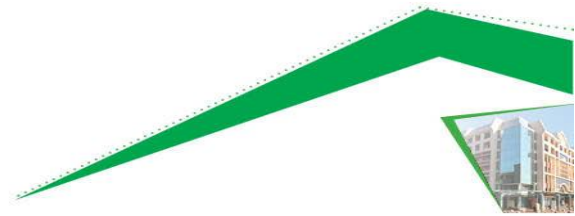
Call: 0800 701 701



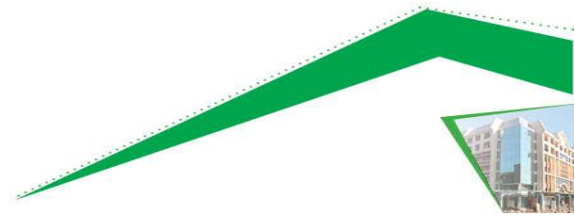
T1.2 Tender Data

The conditions of tender are the latest edition of SANS 10845-3, *Standard conditions of tender*. SANS 10845-3 makes 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 provisions of SANS 10845-3 and as contained in **Annexure C of Standard for Uniformity in Construction Procurement (Board Notice 423 of 2009 Government Gazette No 42622 of August 2019)**, Each item of data given below is cross-referenced to the clause in SANS 10845-3 to which it mainly applies.

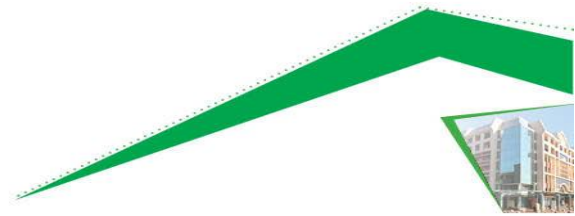
Clause number	Tender Data
3.1	The Employer is Public works and Infrastructure
3.2	<p>The tender documents issued by the employer comprise the following documents:</p> <p>THE TENDER</p> <p>Part T1: Tendering procedures</p> <p>T1.1 - Tender notice and invitation to tender</p> <p>T1.2 - Tender data</p> <p>Part T2: Returnable documents</p> <p>T2.1 - List of returnable documents</p> <p>T2.2 - Returnable schedules</p> <p>THE CONTRACT</p> <p>Part C1: Agreements and Contract data</p> <p>C1.1 - Form of offer and acceptance</p> <p>C1.2 - Contract data</p> <p>C1.3 - CIDB Adjudicator's Agreement</p> <p>Part C2: Pricing data</p> <p>C2.1 - Pricing assumptions</p> <p>C2.2 - Pricing schedule</p> <p>Part C3: Scope of work</p> <p>C3 - Scope of work</p> <p>Part C4: Site information</p> <p>C4 - Site information</p>
3.2	The tender documents issued by the employer comprise the documents listed on the contents page
3.4	<p>The employer's agent is:</p> <p>Name: Mbuyiseli Hlazo Department of Public Works & Infrastructure Old CPA Building Stuttaford Komani Tel: 045 807 6606 E-mail: mbuyiseli.hlazo@dpw.ecape.gov.za</p>
3.4	The language for communications is English
3.6	The competitive negotiation procedure shall be applied.
3.6	Method 2: three stage procurement procedure shall be applied.
4	Tender's obligations
4.1	<p>Only those tenderers who satisfy the following eligibility criteria and who provide the required evidence in their tender submissions are eligible to submit tenders and have their tenders evaluated:</p> <ul style="list-style-type: none"> • Tax matters are in order. • Directors or company is not in the Treasury's database of restricted suppliers
4.3	It is the responsibility of the tenderer to check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.
4.4	Confidentiality and copyright of documents



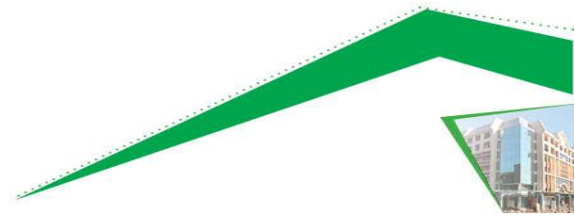
	Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.
4.5	Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are incorporated into the tender documents by reference.
4.6	Acknowledge receipt of addenda to the tender documents, which the employer may issue, and, if necessary, apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.
4.8	Seek clarification <i>Request clarification of the tender documents, if necessary, by notifying the employer at least Five (5) working days before the closing time stated in the tender data.</i>
4.10	Tenderers are required to state the rates and currencies in Rands. Include in the rates, prices, and the tendered total of the prices (if any), all duties, taxes which the law requires to be paid [except value added tax (VAT)], and other levies payable by the successful tenderer, that are applicable 14 days before the closing time stated in the tender data. Show the VAT payable by the employer separately as an addition to the tendered total of the prices. Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data. State the rates and prices in monetary value of the contract unless otherwise instructed in the tender data.
4.10(a)	If after the commencement of the Contract, the cost or duration of the services is altered as a result of changes in, the amount of the main contractor or contract amount from which fee account/estimate were based, or amounts or additions to, any statute, regulation or by-laws, or the requirements of any authority having jurisdiction over any matter in respect of the Project, then the Contract Price and time for completion shall be adjusted in order to reflect the impact of those changes, provided that, within 90 days of first having become aware of the change, the Service Provider or Project Manager furnished the Employer with detailed justification to the Price Price or Period of the Performance (or both).
4.11	Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer or to correct errors made by the tenderer and ensure that all signatories to the tender offer initial all such alterations. Do not make erasures using masking fluid.
4.12	Main tender offers are not required to be submitted together with alternative tenders.
4.12	No alternative tender offers will be considered
4.13.1	Parts of each tender offer communicated on paper shall be submitted as an original. Submit a) the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with a translation of any documentation in a language other than the language of communication established in 3.4, and b) the parts communicated electronically by the employer of its agents on paper format with the tender.
4.13.2	Sign the original and all copies of the tender offer where required in terms of the tender data. State in the case of a joint venture which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer. NOTE The employer holds all authorized signatories liable on behalf of the tenderer.
4.13.3	A tender security in the amount of N/A is required and shall remain valid for a period not exceeding N/A days after the closing date for tender offers. The form of the tender security shall not differ substantially from the sample provided in Annex D of SANS 10845-3.
4.13.4	The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are:
4.13.5	Location of tender box: DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE, GROUND FLOOR OLD CPA BUILDING – RECEPTION AREA, KOMANI Physical address: GROUND FLOOR, NO.1 CREAMERY ROAD, OLD CPA BUILDING– RECEPTION AREA, KOMANI, 5320.



	<p>Identification details: “CHR5-22/23-0021, EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.</p> <p>Closing date: 28 FEBRUARY 2023</p> <p>Time: 11:00 am.</p>
4.13.6	<p>The tenderer is required to submit with his tender the following:</p> <ol style="list-style-type: none"> 1) a copy of the CSD report showing, amongst other things, that tax matters of the service provider are in order the South African Revenue Services. 2) cidb certificate or CRS number
4.13.7	A two-envelope procedure will not be required.
4.13.8	Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted. The tenderer accepts that the employer does 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.
4.14	<p>The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender. Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Proof of posting shall not be accepted as proof of delivery. Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of the standard conditions of tender in this part of SANS 10845 apply equally to the extended deadline.</p>
4.15.1	<p>The tender offer validity period is 60 days.</p> <p>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. If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period, with or without any conditions attached to such extension. Extend the period of the tender security, if any, to cover any agreed extension requested by the employer.</p>
4.15.2	<p>Placing of contractors under restrictions / withdrawal of tenders</p> <p>If any tenderer who has submitted a tender offer or a contractor who has concluded a contract has, as relevant: withdrawn such tender or quotation after the advertised closing date and time for the receipt of submissions; after having been notified of the acceptance of his tender, failed or refused to commence the contract; had their contract terminated for reasons within their control without reasonable cause; offered, promised or given a bribe in relation to the obtaining or the execution of such contract; acted in a fraudulent, collusive or anti-competitive or improper manner or in bad faith towards the Provincial Government; or, made any incorrect statement in any affidavit or declaration with regard to a preference claimed and is unable to prove to the satisfaction of the Provincial Government that the statement was made in good faith or reasonable steps were taken to confirm the correctness of the statements, such tenderer/s may be placed under restriction from tendering with the state.</p> <p>Procedures are outlined in the EC SCM Policy for Infrastructure procurement and Delivery Management and also on cidb Inform Practice Note #30. Excerpts of the policy can be availed on request of any interested tenderer.</p>
4.16	Access shall be provided for the following inspections, tests and analysis: N/A
4.17	The preferred tenderer will be required to submit an approved insurer undertaking to provide the Performance Bond / Guarantee / Surety / Security to the format and/or standard as per DPW&I policy
5	Employer's undertakings
5.1	<p>The Employer will respond to requests for clarification received up to Five (5) working days before the tender closing time.</p> <p>If, as a result of the issuing of addenda, it is necessary to extend the closing time stated in the tender data, grant such extension and notify all respondents accordingly.</p>
5.2	The employer shall issue addenda until Five (5) working days before tender closing time.
5.3	Tenders will be opened immediately after the closing time for tenders at 11:00am hours.
5.4	Do not disclose to tenderers, or to any person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.



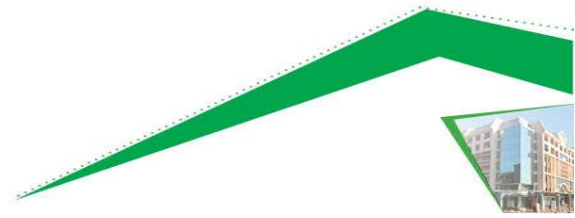
5.5	<p>Determine, after opening and before detailed evaluation, whether each tender offer that was properly received</p> <p>a) complies with the requirements of the standard conditions of tender in this part of SANS 10845,</p> <p>b) has been properly and fully completed and signed, and</p> <p>c) is responsive to the other requirements of the tender documents.</p> <p>A responsive tender is one that conforms to all the terms, conditions, and scope of work of the tender documents, without material deviation or qualification. A material deviation or qualification is one which, in the employer's opinion, would</p> <p>d) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the scope of work,</p> <p>e) significantly change the employer's or the tenderer's risks and responsibilities under the contract, or</p> <p>f) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.</p> <p>Reject a non-responsive tender offer, and do not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.</p>									
5.6	<p>Arithmetical errors, omission and discrepancies</p> <p>Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.</p> <p>For Vat related discrepancies, National and Provincial Treasury prescripts in relation to VAT procedures apply.</p>									
5.7	<p>The financial offer will be reduced to a comparative basis using the Tender Assessment Schedule.</p> <p>Table F.1 Formulae for calculating points for 80/20 preference point system is as follows</p> $Ps = 80 \left(1 - \frac{Pt - Pmin}{Pmin} \right)$ <p>Where</p> <table><tr><td>Ps</td><td>=</td><td>Points scored for price of tender under consideration</td></tr><tr><td>Pt</td><td>=</td><td>Rand value of tender under consideration</td></tr><tr><td>Pmin</td><td>=</td><td>Rand value of lowest acceptable tender</td></tr></table>	Ps	=	Points scored for price of tender under consideration	Pt	=	Rand value of tender under consideration	Pmin	=	Rand value of lowest acceptable tender
Ps	=	Points scored for price of tender under consideration								
Pt	=	Rand value of tender under consideration								
Pmin	=	Rand value of lowest acceptable tender								
5.8	<p>The procedure for the evaluation of responsive bids is Method 2: Price and Preference:</p> <p>This quotation will be evaluated in Three (3) stages as follows:</p> <p>Stage ONE: To be evaluated in terms of the stipulated minimum threshold for Functionality as indicated on the tender data. Failure to meet the minimum score for functionality will render the bid non-responsive and the bid will not be evaluated further.</p> <p>Stage TWO: Compliance, responsiveness to the bid rules and conditions, thereafter.</p> <p>Stage THREE: Bidders passing all stages above will thereafter be evaluated on PPPFA and its Regulations for 2022.</p> <p><u>STAGE ONE: FUNCTIONALITY CRITERIA</u></p> <p>The functionality criteria will be used for evaluating all responses/proposals is 100% and bidders must score a minimum of 60% points to qualify for further evaluation. If the minimum threshold of 60% is not met the service provider will be disqualified.</p> <p>Tenderers will be evaluated on the following factors, with points weighting as shown below:</p> <p>Experience in performing similar work 50 %</p> <p>Capacity of bidder 50 %</p> <p>Submissions will be evaluated in accordance with the Functional criteria as follows:</p>									



CRITERIA FOR FUNCTIONALITY (100 %)		Weight
1. Experience in performing similar work (50%):		
<p>List of similar projects undertaken by the Bidder with reference to a project of a similar nature and value quoted by the bidder for this project. (Bidder to submit a minimum of 2 reference letters or completion certificates for each similar project completed and the value of the projects.) Failure to provide proof of the projects will result in non-allocation of points.</p> <p>Medium Voltage (MV) underground cables</p> <ul style="list-style-type: none"> Minimum of 2 projects of installing or repairing MV underground cables = 40 % <p>Control panel for back-up generator</p> <ul style="list-style-type: none"> Minimum of 2 projects of installing, or repairing generator panels = 10 % 	50%	
2. Capacity of bidder (50 Percent):		
<p>Have the following staff with relevant qualifications where applicable. A clear organogram consisting of the below mentioned as minimum staff must be submitted together with the CV's of individuals identified. (The years will be calculated from the date as reflected on the qualification certificate). DPW&I will be monitoring and enforcing this requirement before the award of the contract and for the duration of the contract (include certified copies of original qualification certificates).</p> <p>High Voltage Regulations (ORHVS) certification</p> <ul style="list-style-type: none"> Authorised (Bidder or any of the Bidder's employees) = 30% <p>Installation electrician (3phase)</p> <ul style="list-style-type: none"> In place (Available) = 20% 	50%	

STAGE TWO: COMPLIANCE, RESPONSIVENESS TO THE BID RULES AND CONDITIONS:

- A. Bidders' proposals must meet the following minimum requirements and supporting documents must be submitted with the completed quotation document in a sealed envelope in the bid box at the closing date and time. Failure to comply will automatically eliminate the bid for further consideration:
 1. This quotation document must be submitted in its original format.
 2. Bids which are late, incomplete, unsigned or submitted by facsimile or electronically, will not be accepted.
 3. Bidders must be registered with CIDB as per the bid notice and requirements. It is the responsibility of the bidder to keep the status on CIDB active throughout the bidding process (advert till award stage).
 4. Bidders must be a legal entity or partnership or joint venture or consortia.
 5. Form of offer and Acceptance must be duly completed and signed.
 6. SBD 4- Bidder's Disclosure must be duly completed and signed. In the event that the bidder or any 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, such interest must be disclosed on question 2.3.1.
 7. Resolution to sign where applicable must be completed.
 8. Attendance to compulsory briefing session and failure to attend will results in immediate elimination of the proposal submitted.
 9. Only one offer per item per bidder is allowed and alternative offers will not be considered. If more than one offer per item is received, none of the offers will be considered. Bidders are also not allowed to submit a bid/ quotation whilst they are in agreements with other bidders in the form of joint ventures or consortiums.



B. Other Conditions of bid - Non Eliminating:

1. Bidders must be registered on the Central Supplier Database (CSD) prior the award.
2. All bidders' tax matters must be in order prior award. Bidders' tax matters will be verified through CSD.
3. Returnable Schedule: SBD 1- Invitation to bid to be completed and signed.
4. The Department will contract with the successful bidder by signing a formal contract.
5. This quotation will be awarded as a whole. All trades listed in the Bills of Quantities or Pricing schedule must be priced for (except provisional sums and allowances which must also be added to the total), failure to do so will increase commercial risk and may lead to elimination or passing over to the next bidder.
6. If the offer (any of the items quoted for) is "Vat Inclusive", the VAT registration number of service provider must be indicated. Bidders are not entitled to claim the VAT if they are not VAT registered.
7. Declaration: Validity of Information provided (completed and signed).
8. Wherever a brand name is specified in this document (i.e. specifications, pricing schedule, bill of quantities or anywhere), the department requires an item similar/equivalent or better.
9. The tenderer undertakes to maximize the sourcing of building material or infrastructure input material from Eastern Cape based suppliers or manufacturers.
10. The tender has offered a market related offer. If the offer is believed not to be market related, the department through its Supply Chain Management bid committees will attempt to negotiate the offer with identified bidder/s to a reasonable amount. Bidders are not allowed to increase their tender offers during this process.
11. The amount reflected on the Form of Offer and Acceptance takes precedence over any other total amount indicated elsewhere in bidder's tender submission. If the Form of Offer and Acceptance has no value or figure, the bidder will be regarded as having made no offer.
12. The department reserves the right not to award the bid to the most favorable tenderer, if any of the situations occur: if it is not assisting in the advancement of designated groups; risk profile of the favorable firm is too high; the bidder has been awarded a considerable number of projects by the department; has performed unsatisfactorily in the past.

STAGE THREE: EVALUATION ON PRICE AND SPECIFIC GOALS IN TERMS OF THE PREFERENTIAL PPPFA AND ITS REGULATIONS FOR 2022

The **80/20 preference point system** shall be applied for the purposes of this bid as per the requirements of the *Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000)* and PPPFA Regulations of 2022

Criteria	Points
POINTS ON PRICE	80
SPECIFIC GOALS	20
TOTAL	100

The 80/20 preference point system for acquisition of services, works or goods up to Rand value of R50 million:

- (a) The following formula must be used to calculate the points out of 80 for price in respect of an invitation for a tender with a rand value equal to or below R50 million, inclusive of all applicable taxes included:

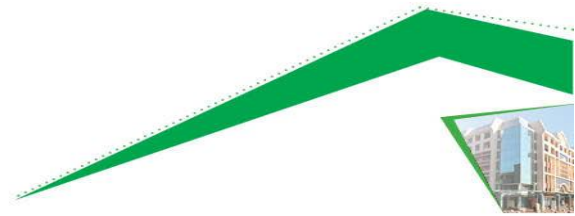
$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

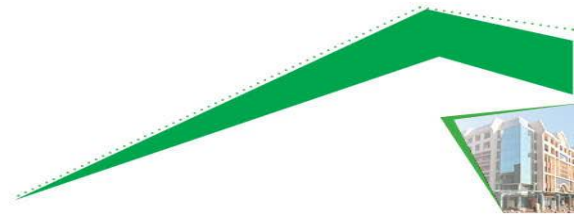
P_s = Points scored for price of tender under consideration
 P_t = Rand value of tender under consideration
 P_{\min} = Rand value of the lowest acceptable tender

5.11 The number of paper copies of the signed contract to be provided by the employer is 1.

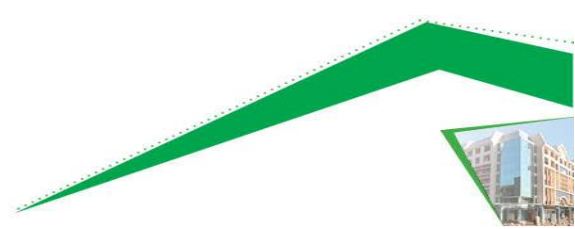
The additional conditions of tender are:



T.2.1	A. LIST OF RETURNABLE DOCUMENTS
1	<p>Documentation to demonstrate eligibility to have tenders evaluated i.e. List all documentation to demonstrate eligibility to have a submission evaluated.</p> <ul style="list-style-type: none"> • Form of Offer and Acceptance • Final Summary (Bills of Quantities) • SBD 4 and 6.1 • Record of addenda issued (Only if addenda is issued)
2	<p>Returnable Schedules that will be used for tender evaluation purposes and be incorporated into the contract</p> <p>The tenderer must complete the following returnable documents:</p> <ul style="list-style-type: none"> • A duly completed form of Offer and Acceptance. • A duly completed form of Offer and Acceptance (and any revision of prices if there are any).
3	<p>Only authorized signatories may sign the original and all copies of the tender offer where required.</p> <p>In the case of a Bid being submitted on behalf of a company, close corporation or partnership, evidence must be submitted to the Department at the time of submission of the Bid that the Bid has been signed by persons properly authorised thereto by resolution of the directors or under the articles of the entity. Furthermore,</p> <p>In the case of a joint venture or consortium, at least one directors/ members of each party to the joint venture or consortium must give consent to give authorisation for signatory to this bid.</p> <p>In the event that a resolution to sign is not completed by all directors/ members of the enterprise, the signature of any one of the directors or members to this bid will bind all the directors/ members of the enterprise and will therefore render the bid valid.</p> <p>No authority to sign is required from a company or close corporation or partnership which has only one director or member.</p> <p>In the event that a non-member/ non-director to the enterprise sign this declaration, and no authority is granted, it will automatically invalidate the bid.</p> <p><u>Accept that failure to submit proof of authorization to sign (where applicable), will result in the tender offer being regarded as non-responsive.</u></p>
4	<p>Information and data to be completed in all respects</p> <p>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 nonresponsive.</p>
5	<p>Canvassing and obtaining of additional information by tenderers</p> <p>The Tenderer shall not make any attempt either directly or indirectly to canvass any of the Employer's officials or the Employer's agent in respect of his tender, after the opening of the tenders but prior to the Employer arriving at a decision thereon.</p> <p>The Tenderer shall not make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of tenders.</p>
6	<p>Prohibitions on awards to persons in service of the state</p> <p>The Employer is prohibited to award a tender to a person -</p> <ol style="list-style-type: none"> a) who is in the service of the state; or b) if that person is not a natural person, of which any director, manager, principal shareholder or stakeholder is a person in the service of the state; or c) a person who is an advisor or consultant contracted with the Department or municipal entity. <p>In the service of the state means to be -</p> <ol style="list-style-type: none"> a) a member of: - <ul style="list-style-type: none"> a any municipal council; b any provincial legislature; or

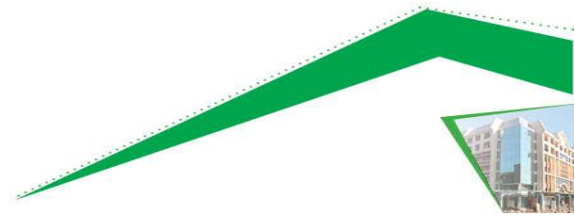


	<p>c the National Assembly or the National Council of Provinces;</p> <p>d) a member of the board of directors of any municipal entity;</p> <p>e) an official of any Department or municipal entity;</p> <p>f) an employee of any national or provincial department;</p> <p>g) provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);</p> <p>h) a member of the accounting authority of any national or provincial public entity; or</p> <p>i) an employee of Parliament or a provincial legislature.</p> <p>In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.</p>
7	<p>Awards to close family members of persons in the service of the state</p> <p>Accept that the notes to the Employer's annual financial statements must disclose particulars of any award of more than R2000 to a person who is a spouse, child or parent of a person in the service of the state (defined in clause 8 above), or has been in the service of the state in the previous twelve months, including - a) the name of that person;</p> <p>b) the capacity in which that person is in the service of the state; and</p> <p>c) the amount of the award.</p> <p>In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.</p>
8	<p>Respond to requests from the tenderer</p> <p>The employer will respond to requests for clarification up to 5 (five) working days before the tender closing time.</p>
9	<p>Opening of tender submissions</p> <p>Tenders will be opened immediately after the closing time for tenders.</p>
10	<p>Scoring quality / functionality</p> <p>Applicable</p>
11	<p>Cancellation and re-invitation of tenders</p> <p>An organ of state may, prior to the award of the tender, cancel the tender if-</p> <p>(a) due to changed circumstances, there is no longer a need for the services, works or goods requested; or</p> <p>(b) funds are no longer available to cover the total envisaged expenditure; or</p> <p>(c) no acceptable tenders are received.</p> <p>(d) Tender validity period has expired.</p> <p>(e) Gross irregularities in the tender processes or documents.</p> <p>(f) No market related offer received (after attempts of negotiation processes)</p> <p>Where applicable, the decision to cancel the tender will be published in the CIDB website and in the Tender Bulletin or the media in which the original tender invitation as advertised.</p>
12	<p>Where the employer terminates the contract due to default of the contractor in whole or in part, the employer may decide to: a) Refer the breach in contract to the cidb for investigation as a breach of the cidb Code of Conduct in terms of the cidb Regulations; or b) may impose a restriction penalty on the contractor in terms of Section 14 of the Preferential Procurement Regulations. The outcomes of such investigations in terms of both the cidb Regulations and the Preferential Procurement Regulations may prohibit the contractor from doing business with the public sector for a period not exceeding 10 years.</p>



PART A - INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF PUBLIC WORKS					
BID NUMBER:	CHR5-22/23-0021	CLOSING DATE:	28 FEBRUARY 2023	CLOSING TIME:11:00	
DESCRIPTION	EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
DEPARTMENT OF PUBLIC WORKS & INFRASTRUCTURE, GROUND FLOOR OLD CPA BUILDING – RECEPTION AREA, KOMANI					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Ms. B Mshede		CONTACT PERSON	Mr. MJ Hlazo	
TELEPHONE NUMBER	045 807 6663/6624		TELEPHONE NUMBER	0823022881	
FACSIMILE NUMBER			FACSIMILE NUMBER	045 807 6606	
E-MAIL ADDRESS	babalwa.mshede@ecdpw.gov.za		E-MAIL ADDRESS	Mbuyiseli.hlazo@ecdpw.gov.za	
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:		O R	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT	TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No	
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
a) ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		b) ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF QUESTIONNAIRE BELOW]	
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <input type="checkbox"/> YES <input type="checkbox"/> NO					
DOES THE ENTITY HAVE A BRANCH IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO					
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO					
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO					
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? <input type="checkbox"/> YES <input type="checkbox"/> 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 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 where applicable must be submitted e.g. company resolution)

DATE:



SBD 4

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the 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 interest¹ 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.

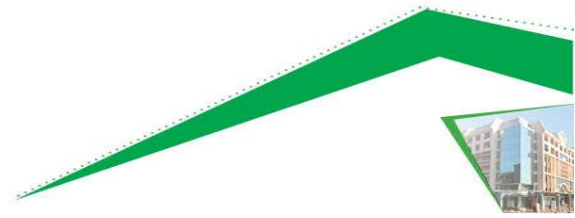
Full Name	Identity Number	Name of State institution

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**

2.3.1 If so, furnish particulars:

.....
.....

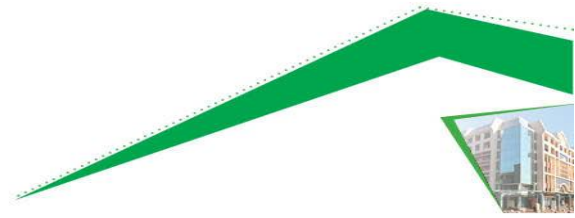
3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or 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.

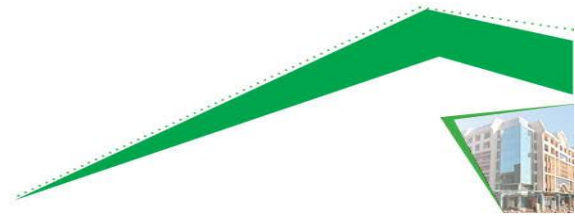
I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

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



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



SBD 6.1

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 To be completed by the organ of state

- a) The applicable preference point system for this tender is the 80/20 preference point system.
- b) The lowest acceptable tender will be used to determine the accurate system once tenders are received.

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

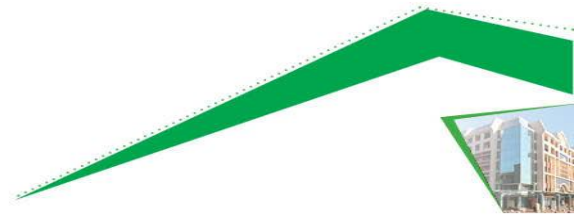
- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

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

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



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

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 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
$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right) \text{ or } P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$		

Where

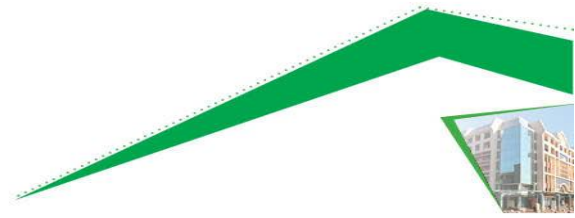
P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration
 P_{min} = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

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

80/20	or	90/10
$P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) \text{ or } P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)$		



Where

Ps = Points scored for price of tender under consideration
Pt = Price of tender under consideration
Pmax = Price of highest acceptable tender

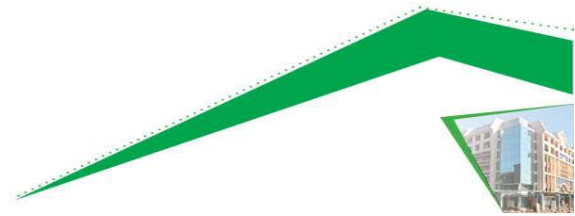
4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.
(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender		Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Historically Disadvantaged Individual:-			
	(a) 100% black ownership	6	
	(b) 51% to 99% black ownership	4	
	(c) Less than 51% black ownership	0	
Black women ownership:-			
	(a) 100% black women ownership	4	
	(b) 30% to 99% black women ownership	2	
	(c) Less than 30% black women ownership	0	
Black youth ownership:-			
	(a) 100% black youth ownership	4	



	(b) 30% to 99% black youth ownership	2	
	(c) Less than 30% black youth ownership	0	
People with disability:-			
	(a) 20% or more disabled people ownership	4	
	(b) Less than 20% disabled people ownership	0	
Locality:-			
	(a) Within the Eastern Cape	2	
	(b) Outside the Eastern Cape	0	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

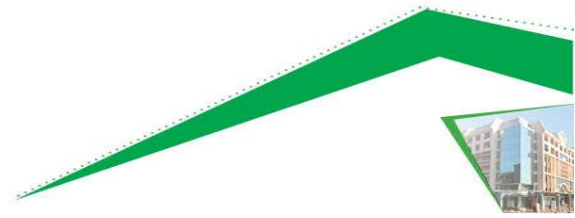
4.5. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

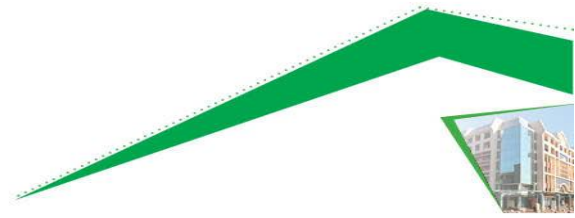
4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;



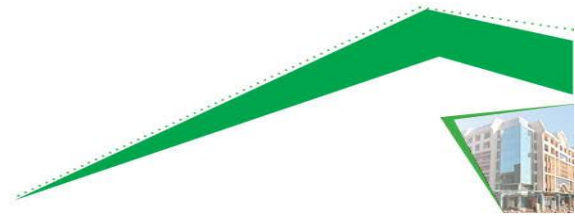
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution, if deemed necessary.

..... SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:	.....
DATE:	.....
ADDRESS:	..... ..... ..... .....



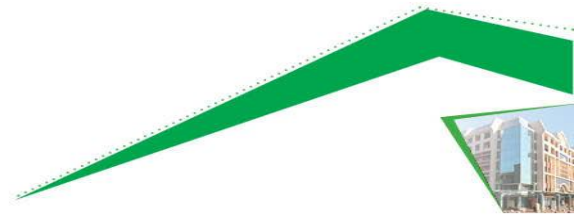
***PROOF OF REGISTRATION ON THE NATIONAL
TREASURY CENTRAL SUPPLIER DATABASE (CSD
REPORT)***

(ATTACH HERE)



CIDB CERTIFICATE OR INDICATE CRS NUMBER

**(ATTACH CERTIFICATE HERE OR INDICATE CRS
NUMBER ON THE COVER PAGE OF THIS DOCUMENT)**



A

RECORD OF ADDENDA TO BID DOCUMENTS

PROJECT TITLE	EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.		
SCMU NUMBER	CHR5-22/23-0021		
I / We confirm that the following communications received from the Department of Public Works & Infrastructure before the submission of this tender offer, amending the tender documents, have been taken into account in this bid offer: (Attach additional pages if more space is required)			
Item	Date	Title or Details	No. of Pages
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Attach additional pages if more space is required.

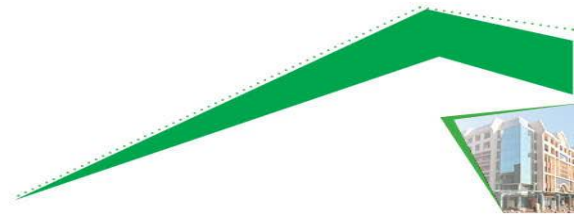
Signed

Date

Name

Position

Tenderer



B

PROPOSED AMENDMENTS AND QUALIFICATIONS

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.

The Tenderer's attention is drawn to clause 5.8 of SANS 10845-3 regarding the employer's handling of material deviations and qualifications.

PROJECT TITLE	EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.
SCMU NUMBER	CHR5-22/23-0021

Page	Clause /Item	Proposal

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct

Signed

Date

Name

Position

Enterprise name



C

RESOLUTION FOR SIGNATORY

A: CERTIFICATE OF AUTHORITY FOR SIGNATORY

Signatory for companies shall confirm their authority hereto by attaching a duly signed and dated copy of the relevant resolution of the board of directors to this form or on company letter head.

An example is given below:

"By resolution of the board of directors passed at a meeting held on _____

Mr/Ms _____, whose signature appears below, has been duly authorized to

sign all documents in connection with the tender for Contract No. _____

and any Contract which may arise there from on behalf of (Block Capitals) _____

SIGNED ON BEHALF OF THE COMPANY: _____

IN HIS/HER CAPACITY AS: _____

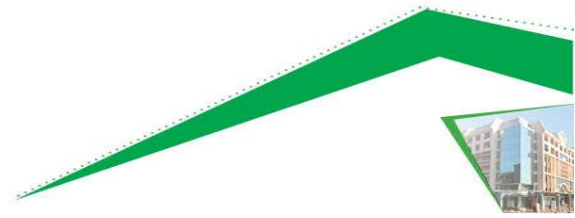
DATE: _____

SIGNATURE OF SIGNATORY: _____

WITNESSES:

DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	

If you cannot complete this form, attach a separate sheet (in a company letter head, project specific and signed by all directors):



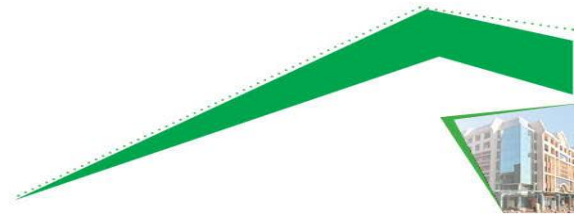
D

CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This Returnable Schedule is to be completed by joint ventures.

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Ms .
....., authorised signatory of the company
....., acting in the capacity of lead
partner, to sign all documents in connection with the tender offer and any contract resulting from it
on our behalf.

PROJECT TITLE	EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.		
SCMU NUMBER	CHR5-22/23-0021		
NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY	
Lead partner:		Signature. Name Designation.....	
..... .		Signature. Name Designation.....	
..... .		Signature. Name Designation.....	
..... .		Signature. Name Designation.....	



E

SCHEDULE OF PROPOSED SUB CONTRACTORS

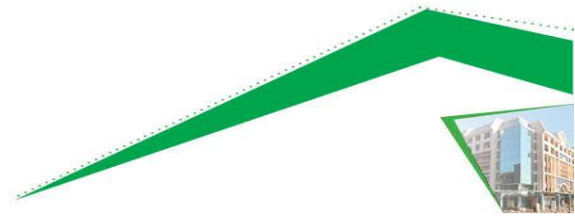
PROJECT TITLE	EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.
SCMU NUMBER	CHR5-22/23-0021

We notify you that it is our intention to employ the following Sub-consultant for work in this contract. The Subcontractors will all be CIDB registered and their CIDB Registration number shall be submitted below. This should also be declared on **SBD 6.1 form**.

If we are awarded a contract we agree that this notification does not change the requirement for us to submit the names of proposed subcontractors in accordance with requirements in 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.

We confirm that all subcontractors who are or to be contracted are registered on Central Supplier Database (CSD).

No.	Name and address of proposed Sub-consultant	Nature and extent of work	Year completed	Value	Contact details
1					
2					
3					



4					
5					

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct

Signed

Date

Name

Position

Enterprise name



F

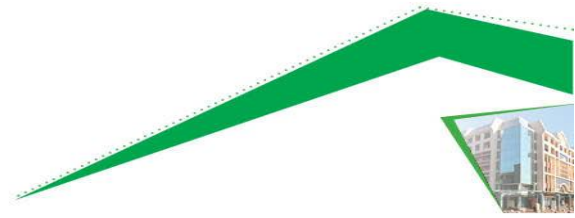
CAPACITY OF THE BIDDER

PROJECT TITLE	EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDERGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.
SCMU NUMBER	CHR5-22/23-0021
<p>WORK CAPACITY: (The Bidder is requested to furnish the following capacity particulars and to attach additional pages if more space is required. Failure to furnish the particulars may result in the Bid being disregarded.)</p> <p><i>Employees: (Employees to be ,or are ,employed for this project</i></p>	

Quantity / No. of Resources	Categories of Employee - Key Personnel (part of Business Enterprise)	Professional Registration No.	Date of Employment
	Installation Electrician (3phase)		
	Medium voltage (11kV) operator		
	Technicians		
	Candidates		
	Others		

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct.

Signed:	.....	Date	.....
Name:	.....	Position	.....
Enterprise Name:			



G

RELEVANT PROJECT EXPERIENCE – COMPLETED PROJECTS

The description of each project must include the following information:

1. Essential introductory information:
 - 1.1. Name of project.
 - 1.2. Name of client.
 - 1.3. Contact details of client.
 - 1.4. Contact details (including telephone numbers and email addresses) of currently contactable references.
 - 1.5. The period during which the project was performed, and also, if this is different, the period during which the tenderer's team members were contracted.
 - 1.6. Cost of works and/or contract value (making it clear in broad terms what this cost/value purchased, and to what extent (if any) this cost/value was part of a larger project budget or programme budget).

NO.	NAME OF PROJECT.	NAME OF CLIENT.	CONTACT DETAILS OF CLIENT.	PROJECT VALUE	DATE COMPLETED
1					
2					
3					
4					
5					

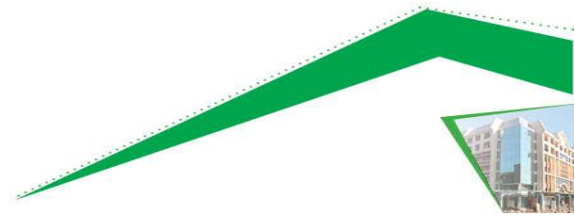
Attach a separate page to address this issue if there are more projects (the above table is just for reference purposes).

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct.

Signed ----- Date -----

Name ----- Position -----

Enterprise name -----



H

RELEVANT PROJECT EXPERIENCE – CURRENT PROJECTS

The description of each project must include the following information:

2. Essential introductory information:
 - 2.1. Name of project.
 - 2.2. Name of client.
 - 2.3. Contact details of client.
 - 2.4. Contact details (including telephone numbers and email addresses) of currently contactable references.
 - 2.5. The period during which the project was performed, and also, if this is different, the period during which the tenderer's team members were contracted.
 - 2.6. Cost of works and/or contract value (making it clear in broad terms what this cost/value purchased, and to what extent (if any) this cost/value was part of a larger project budget or program budget).

NO.		NAME OF PROJECT.	NAME OF CLIENT.	CONTACT DETAILS OF CLIENT.	PROJECT VALUE	STAGE OF PROJECT
1						
2						
3						
4						

Attach a separate page to address this issue if there are more projects (the above table is just for reference purposes).

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct.

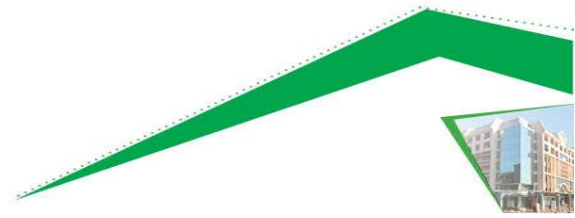
Signed

Date

Name

Position

Enterprise name



I

OTHER OFFERS SUBMITTED AT TIME OF THIS TENDER FOR WHICH RESULTS ARE PENDING

(Any other client's tender must also be included)

BID NO. / PROJECT NUMBER	PROJECT NAME	CLIENT NAME & CONTACT NO.	VALUE TENDERED IN Rands	DATE SUBMITTED	CONTACT DETAILS (CLIENT)
1					
2					
3					
4					
5					

Signed

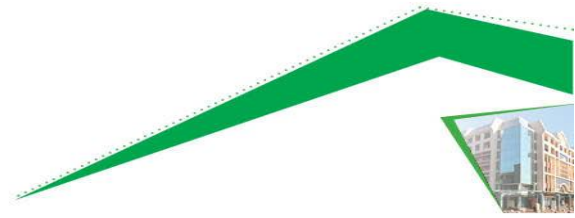
Date

Name

Position

Enterprise name

Attach a separate page to address this issue if there are more projects (the above table is just for reference purposes).



J

SCHEDULE OF TENDERER'S LITIGATION HISTORY

The tenderer shall list below details of any litigation with which the tenderer (including its directors, shareholders or other senior members in previous companies) has been involved with any organ of state or state department within the last ten years. The details must include the year, the litigating parties, the subject matter of the dispute, the value of any award or estimated award if the litigation is current and in whose favour the award, if any, was made.

NO.	NAME OF CLIENT.	OTHER LITIGATING PARTY	BRIEF DETAILS OF DISPUTE	PROJECT VALUE	DATE RESOLVED OR STATUS OF LITIGATION
1					
2					
3					

Signed

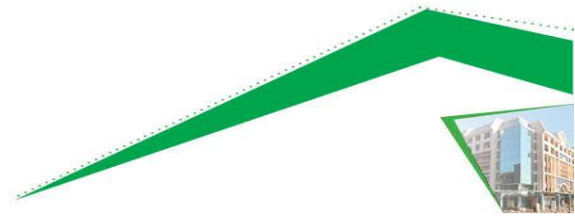
Date

Name

Position

Tenderer name

Attach a separate page to address this issue if there are more projects (the above table is just for reference purposes).



K

Evaluation Schedule 1 – Project Reference Forms – 1

NOTE: This returnable document must be completed by the person who was the Project Manager on a project of similar value and complexity that was completed successfully by the tenderer.

I, _____ (name and surname) of
_____ (company name) declare
that I was the Project Manager on the following building construction project successfully
executed by _____ (name of tenderer):

Project name: _____

Project location: _____

Construction period: _____ Completion date: _____

Contract value: _____

A. Please evaluate the performance of the Tenderer on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below:

Key Performance Indicators	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5	Total
1. Project performance						
2. Quality of Services						
3. Resources: Personnel						
4. Time management / programming						
5. Financial management / Project budget management/ cash flow, etc.						
TOTAL						

B. Would you consider / recommend this tenderer again:

YES	NO

C. Any other comments: _____

D. My contact details are:

Telephone: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 2020

COMPANY STAMP

Signature of principal agent

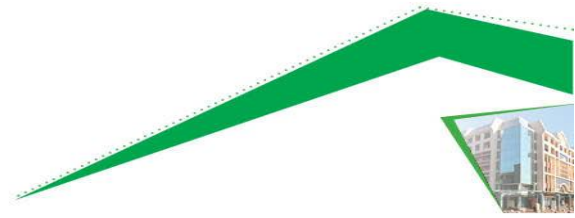
NOTE:



If reference cannot be verified due to the inability to get hold of the referee or failure on his/her part to respond to a written request to do so, that reference will not score any points. It is the responsibility of the tenderer to put referees who are reachable.

Name of Tenderer

Signature of Tenderer



L

A. EASTERN CAPE INFRASTRUCTURE INPUT MATERIAL

- Below is the list of electrical material which must be sourced from Eastern Cape based suppliers, manufacturers or accredited agents.
- On monthly basis, the contractor will report the purchasing of any of this material.
- The report will then be communicated to PT & OTP on quarterly basis or in whichever intervals, as prescribed by PT & OTP.

B. MATERIAL LISTS

ITEM	MATERIAL (TYPE)	QUANTITY	ESTIMATE AMOUNT (Rands)
TOTAL			

C. CONFIRMATION

- I.....(**Contractor name**)
acknowledge and confirm the above mentioned material will be sourced in the Eastern Cape Province, from Eastern Cape based material suppliers and manufacturers.
- I confirm that on monthly basis I will produce a proof of purchase of this material used or to be used, either in the form of delivery notes, tax invoices or any formal document which verifies that the material or goods were sourced from an Eastern Cape based supplier or manufacturer.

Representative of the Contractor (Name)

Signature

Date



M

DECLARATION (VALIDITY OF INFORMATION PROVIDED)

I.....declare that the information provided is true and correct, the signature to the bid document is duly authorised and documentary proof regarding any bidding issue will, when required, be submitted to the satisfaction of the EASTERN CAPE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE.

.....
SIGNATURE OF DECLARER

.....
DATE

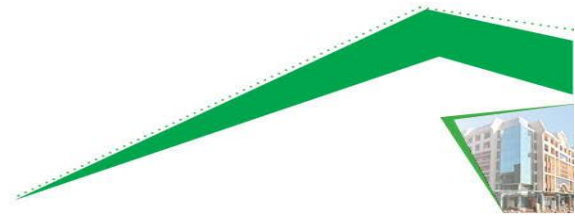
.....
POSITION OF DECLARER

.....
NAME OF COMPANY OF BIDDER

Should the bidder have, in the opinion of the DPWI, acted fraudulently illegally, in bad faith or in any improper manner, misrepresented itself with regard to the bid, then the DPWI may, in its sole discretion:

- * Ignore any bids without advising the bidder thereof
- * Cancel the contract without prejudice to any legal rights the DPWI may have

Should the bidder disregard this or conduct affairs in a way that transgresses from good business practices, this could seriously impair future business relations between the DPW&I and such bidder.

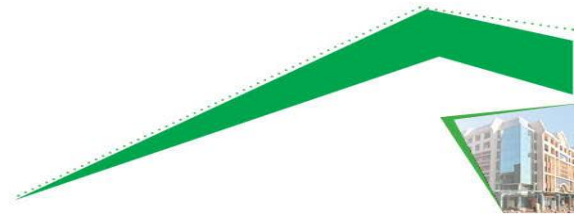


PART C1 AGREEMENTS AND CONTRACT DATA

C1.1 Form of Offer and Acceptance

C1.2 Contract Data for CIDB Standard Professional Services Contract

C1.3 CIDB Adjudicator's Agreement



Annex C
(normative)

FORM OF OFFER AND ACCEPTANCE

Project title	EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.
SCMU number	CHR5-22/23-0021

OFFER

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

.....
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 OF THE PRICES + DISBURSEMENTS + INCLUSIVE OF
VALUE ADDED TAX AND MINUS ALL DISCOUNTS IS:**

.....Rand (in words);
R(in figures) (or
other suitable wording)

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.

Signature(s)

Tender's

Name(s)

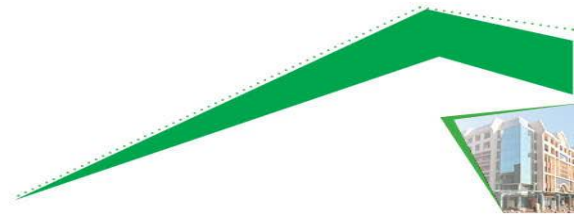
Authorized Person
(Names

Address of the
Tenderer:

Witnesses (Signatures):

1. Date:

2. Date:



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 documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable 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 form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within 3 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 securities, 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.¹

Signature
Name
Capacity
for the
Employer
(Name and address of organization)
Name and signature
of witness Date

Schedule of Deviations

1 Subject
Details

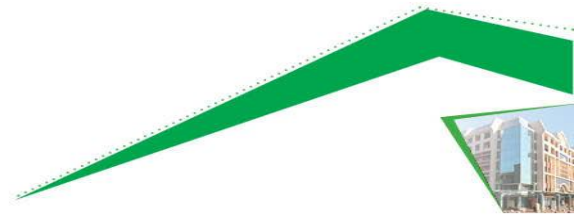
2 Subject
Details

3 Subject
Details

4 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/ quotation 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.



PART C1.2 CONTRACT DATA

C1.2 : CONTRACT DATA : JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 4.1 of March 2005)

Tender No : CHR5-22/23-0021

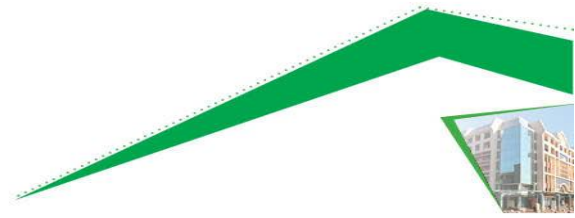
Project title:	EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.
Tender No:	CHR5-22/23-0021

	<p>The Conditions of Contract are clauses 1 to 42 of the JBCC series 2000 Minor Works Agreement (Edition 4.1 of March 2005) prepared by the Joint Building Contracts Committee.</p> <p>Copies of these conditions of contract may be obtained from the Association of South African Quantity Surveyors, Master Builders Association, South African Association of Consulting Engineers, South African Institute of Architects, Association of Construction Project Managers, Building Industries Federation South Africa, South African Property Owners Association or Specialist Engineering Contractors Committee.</p>
--	---

	<p>CONTRACT VARIABLES</p> <p>THE SCHEDULE</p> <p>The schedule contains all the variables referred to in this document and is divided into part 1: contract data completed by the employer and part 2: contract data completed by the contractor. Part 1 must be completed in full and included in the tender documents. Both part 1 and part 2 form part of this agreement.</p> <p>Spaces requiring information must be filled in, shown as “not applicable” or deleted but not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross referenced to the applicable clause of the schedule. Key cross reference clauses are italicised in <i>//</i> brackets.</p>
--	---

42.0	Part 1: Contract Data completed by the Employer
------	---

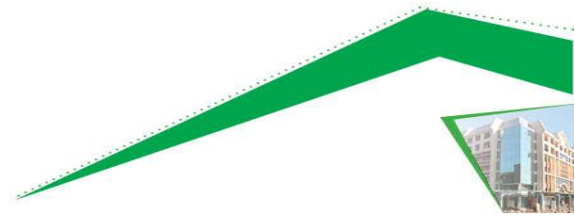
42.1	CONTRACTING AND OTHER PARTIES
42.1.1	<p>Employer: Department of Public Works & Infrastructure Postal address: Private Bag X7114 KOMANI 5320 Tel: 045 807 6600 Physical address: 1 Corner Road, Kings Park, Komani</p>
[1.2]	
42.1.2	<p>Principal Agent: Department of Public Works & Infrastructure Agent's service: Principal Agent Postal address: Private Bag X7114 KOMANI 5320 Tel: 045 807 6600</p>
[1.1, 5.1]	



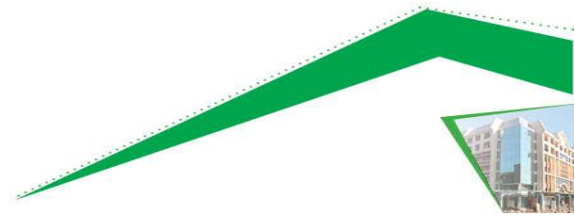
42.1.3 [1.1, 5.2]	Agent (1) Agent's service: Postal address: Tel: Fax: n/a
42.1.4 [1.1, 5.2]	Agent (2) Agent's service: Postal address: Tel: + Fax: +
42.1.5 [1.1, 5.2]	Agent (3) Agent's service: Postal address: Tel: + Fax: :
42.1.6 [1.1, 5.2]	Agent (4) Agent's service: Postal address: Tel: Fax:

42.2	CONTRACT DETAILS
42.2.1 [1.1]	Works description: Refer to document C3 – Scope of Work.
42.2.2 [1.1]	Site description: Refer to document C4 – Site Information.
42.2.4 [41.0]	Specific options that are applicable to a State organ only Where so :
[31.1 #] [31.11.2 #] [31.12.2#]	1) Interest rate legislation: (a) in respect of interest owed by the employer , the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and (b) in respect of interest owed to the employer , the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply
[11.2.#]	2) Lateral support insurance to be effected by the contractor : Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
[31.4.2 #]	3) Payment will be made for materials and goods: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
[40.2.2.#]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
[26.1.2 #]	4) Dispute resolution by adjudication
	5) Extended defects liability period applicable to the following elements: Describe months (remember longer periods for external works, mechanical, etc.)
42.2.6 [15.3]	Period for the commencement of the works after the contractor takes possession of the site : Fourteen (14) working days.
42.2.7 [24.3.1] [30.1]	For the works as a whole: The date for practical completion shall be 3 (Three) months from the commencement date . And the penalty per calendar day be R8.05 of R100 per calendar.
42.2.9 [1.2]	The law applicable to this agreement shall be that of the: Republic of South Africa

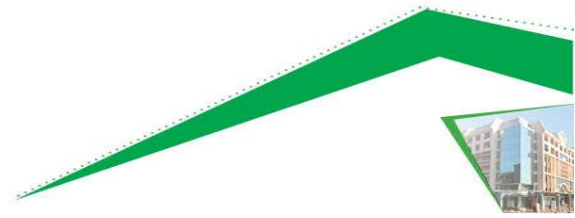
42.3	INSURANCES
42.3.1 [10.1 #, 10.2 # 12.1 #]	<p>Contract works insurance to be effected by the contractor</p> <p><input type="checkbox"/> To the minimum value of the contract sum plus 10%</p> <p>With a deductible not exceeding 5% of each and every claim</p> <p>Or</p> <p><input type="checkbox"/> For the minimum sum of R (insert amount in words)</p>



	With a deductible not exceeding 5% of each and every claim
42.3.2 [10.1#, 10.2 #, 12.1 #]	Supplementary insurance is required: Yes To the minimum value of the contract sum plus 10 %
42.3.3 [11.1#, 12.1 #]	Public liability insurance to be effected by the contractor <input type="checkbox"/> For the sum of R 5 million With a deductible not exceeding 5% of each and every claim Or <input type="checkbox"/> For the sum of R (insert amount in words) With a deductible not exceeding 5% of each and every claim
42.3.4 [11.2 #, 12.1 #]	Support insurance to be effected by the contractor For the sum of R (insert amount in words) With a deductible of R (insert amount in words)
42.4	DOCUMENTS
42.4.2 [3.7]	Three (3) copies of the construction documents will be supplied to the contractor free of charge
42.4.3	Bills of quantities / Lump sum document schedule of rates drawn up in accordance with: Standard System of Measuring Building Work (sixth edition as amended)
42.4.5 [3.4]	JBCC Engineering General Conditions are to be included in the contract documents :
42.4.6 [31.5.3] [32.13]	The contract value is to be adjusted using CPAP indices: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Where CPAP is applicable, the contract sum will be adjusted in accordance with the JBCC Contract Price Adjustment Provisions (CPAP) as set out in the CPAP Indices Application Manual as prepared by the JBCC Series 2000, code 2118, dated May 2005 and any amendments thereto: 1) Glass etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that work group unless specifically stated otherwise in the bills of quantities 2) All electrical installations in buildings and power distribution systems shall be adjusted in terms of the index for Work Group 160 Electrical Installation. In case of uninterruptible power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems shall be in accordance with Work Group 170 3) With reference to Work Group 190 a proportion of the value related preliminaries pro rata to the amount of work excluded from adjustment, shall be excluded from Contract Price Adjustment Provisions, if Option A has been selected for the adjustment of preliminaries 4) Further to clause 3.4.4 of the CPAP Indices Application Manual, the listing of additional items for exclusion by tenderers, will not be permitted 5) Where V results in a negative amount after application of the formula in clause 8.3 of the CPAP Indices Application Manual the factor of 0,55 shall be substituted by 1,45 Alternative Indices: Not Applicable
42.4.7 [3.10]	Details of changes made to the provisions of JBCC standard documentation Clause 1.1



	<p>COMMENCEMENT DATE – means the date that the possession of the site is given to the contractor</p> <p>CONSTRUCTION GUARANTEE – means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule.</p> <p>CONSTRUCTION PERIOD – means the period commencing on the commencement date and ending on the date of practical completion</p> <p>CORRUPT PRACTICE – means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.</p> <p>FRAUDULENT PRACTICE – means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer, and includes collusive practice among tenderers (prior to and after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.</p> <p>INTEREST – the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be in terms of the legislation of the Republic of South Africa, and in particular:</p> <p>(a) in respect of interest owed by the employer, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and</p> <p>(b) in respect of interest owed to the employer, the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply</p> <p>SECURITY – means the form of security provided by the employer or contractor, as stated in the schedule, from which the contractor or employer may recover expenses or loss.</p> <p>1.6 Any notice given may be delivered by hand, sent by prepaid registered post or telefax. Notice shall be presumed to have been given when:</p> <p>1.6.4 No clause</p> <p>3.2.1 A construction guarantee in terms of 14.0, where so elected in his tender</p> <p>3.7 Add at the end thereof:</p> <p>The contractor shall supply and keep a copy of the JBCC Series 200 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access to at all times.</p> <p>3.10 Replace the second reference to "principal agent" with the word "employer"</p> <p>4.3 No clause</p> <p>5.1.2 under clause 41- Include reference to 32.6.3; 34.3 and 34.4 in terms of which the employer has retained its authority and has not given a mandate to the principal agent and in terms of which the employer shall sign all documents</p> <p>10.5 Add the following as 10.5</p> <p>Damage to the works</p> <p>a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary</p>
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- b) 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**
- c) The **employer** shall carry the risk of damage to or destruction of the **works** and materials paid for by the **employer** that is the result of the excepted risks as set out in 10.6
- d) Where the **employer** bears the risk in terms of this contract, the **contractor** shall, if requested to do so, reinstate any damage or destroyed portions of the **works** and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof

10.6 Add the following as 10.6

Injury to Persons or loss of or damage to Properties

- a) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the **works** unless due to any act or neglect of any person for whose actions the **employer** is legally liable
- b) The **contractor** shall be liable for and hereby indemnifies the **employer** against any 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, arising out of or in the course of or by reason of the execution of the **works** unless due to any act or neglect of any person for whose actions the **employer** is legally liable
- c) The **contractor** shall upon receiving a contract instruction from the **principal agent** cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the **employer** shall be entitled to cause it to be made good and to recover the cost thereof from the **contractor** or to deduct the same from amounts due to the **contractor**.
- d) The **contractor** shall be responsible for the protection and safety of such portions of the premises placed under his control by the **employer** for the purpose of executing the **works** until the issue of the **certificate of practical completion**.
- e) Where the execution of the **works** involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the **contractor**, shall and will remain adequately insured or insured against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the **works** has been completed
- f) The **contractor** shall at all times proceed immediately 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**

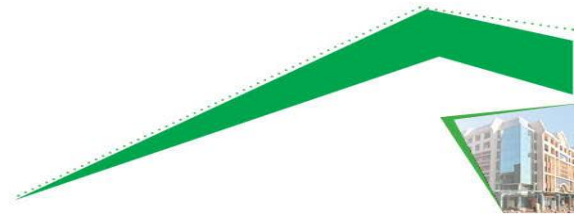
10.7 Add the following as 10.7

HIGH RISK INSURANCE

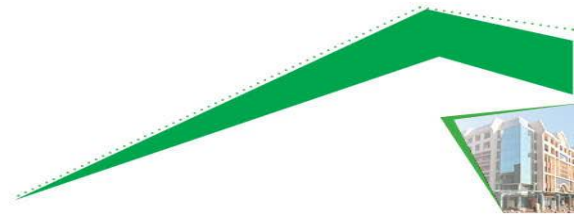
In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

10.7.1 Damage to the works

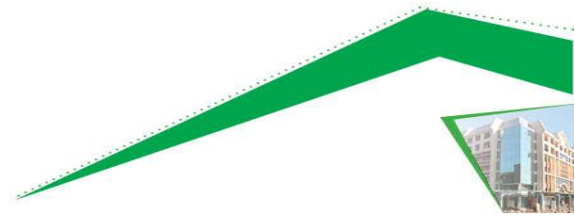
The **contractor** shall, from the **commencement date** of the **works** until the date of the **certificate of practical completion**, bear the full risk of and hereby indemnifies and holds harmless the **employer** against any damage to and/or destruction of the **works** consequent upon a catastrophic ground movement as mentioned above. The



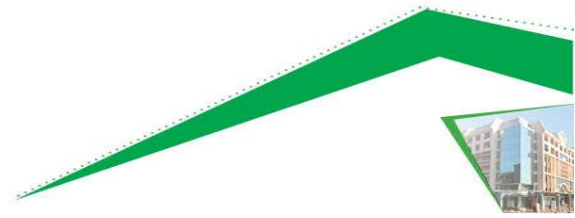
	<p>contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary</p> <p>When so instructed to do so by the principal agent, the contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works, at the contractor's own costs</p> <p>10.7.2 Injury to persons or loss of or damage to property</p> <p>The contractor shall be liable for and hereby indemnifies and holds harmless the employer against any liability, loss, claim or proceeding arising at any time during the period of the contract 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</p> <p>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 period of the contract</p> <p>10.7.3 It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty one (21) calendar days of the commencement date but before commencement of the works, submit to the employer proof of such insurance policy, if requested to do so</p> <p>10.7.4 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 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the employer and the contractor and for this purpose all these contracts shall be considered one indivisible whole</p> <p>14.0 Replace the entire clause 14.0 with the following:</p> <p>14.0 SECURITY</p> <p>14.1 In respect of contracts with a contract sum up to R1 million, the security to be submitted by the contractor to the employer will be as a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT)</p> <p>14.1.1 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(A)</p> <p>14.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor</p> <p>14.2 In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the schedule. Such security shall be provided to the employer within twenty-one (21) calendar days from commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within twenty-one (21) calendar days from commencement date, the security in terms of 14.7 shall be deemed to have been selected.</p> <p>14.3 Where the security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected:</p>
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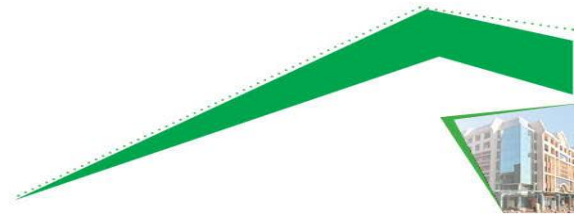
	<p>14.3.1 The contractor shall furnish the employer with a cash deposit equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date</p> <p>14.3.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding VAT), and refund the balance to the contractor</p> <p>14.3.3 Within twenty-one (21) calendar days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding VAT) and refund the balance to the contractor</p> <p>14.3.4 On the date of payment of the amount in the final payment certificate, the employer shall refund the remainder of the cash deposit to the contractor</p> <p>14.3.5 The employer shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor</p> <p>14.3.6 The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party</p> <p>14.4 Where security as a variable construction guarantee of ten per cent (10%) of the contract sum (excluding VAT) has been selected:</p> <p>14.4.1 The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date</p> <p>14.4.2 The variable construction guarantee shall reduce and expire in terms of the Variable Construction guarantee form included in the invitation to tender</p> <p>14.4.3 The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p> <p>14.4.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall issue a written demand in terms of the variable construction guarantee</p> <p>14.5 Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>14.5.1 The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT)</p> <p>14.5.2 The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion</p> <p>14.5.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p> <p>14.5.4 The payment reduction of the value certified in a payment certificate shall be in terms of 31.8(A) and 34.8</p> <p>14.5.5 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or may do both</p> <p>14.6 Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected:</p>
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	<p>14.6.1 The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date</p> <p>14.6.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor</p> <p>14.6.3 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(A)</p> <p>14.6.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both</p> <p>14.7 Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>14.7.1 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(B)</p> <p>14.7.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the contractor</p> <p>14.8 Payments made by the guarantor to the employer in terms of the fixed or variable construction guarantee shall not prejudice the rights of the employer or contractor in terms of this agreement</p> <p>14.9 Should the contractor fail to furnish the security in terms of 14.2 the employer, in his sole discretion, and without notification to the contractor, is entitled to change the contractor's selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT), whereafter 14.7 shall be applicable</p> <p>15.1.1 No clause</p> <p>15.1.4 Add 15.1.4 as follows:</p> <p>An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty-one (21) calendar days of commencement date</p> <p>15.2.1 Under 41: Amend to read as follows:</p> <p>"Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.2 and 15.1.4</p> <p>17.1.11 Remains.</p> <p>20.1.3 No clause</p> <p>21.0 No clause</p> <p>29.2.5 No clause</p> <p>31.5.2 Security adjustments in terms of 14.0 and 31.8</p> <p>31.8 Amend as follows:</p> <p>31.8(A) Where a security is selected in terms of 14.1; 14.5 or 14.6, the value of the works in terms of 31.4.1 and of the materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p>
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	<p>31.8(A).1 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>31.8.(A).2 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion</p> <p>31.8(A).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6</p> <p>31.8(A).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate.</p> <p>31.8(B) Where security is a payment reduction in term of 14.7 has been selected the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>31.8(B).1 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>31.8(B).2 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion</p> <p>31.8(B).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6</p> <p>31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except were the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate</p> <p>31.12 Delete the following: "Payment shall be subject to the employer giving the contractor a tax invoice for the amount due."</p> <p>32.5.1 Add the following to the end of each of these clauses: "...due to no fault of the contractor"</p> <p>32.5.4 contractor</p> <p>32.5.7</p> <p>33.2 Add the following clauses 33.2.9 to 33.2.13:</p> <p>33.2.9 the contractor's failure or neglect to commence with the works on the dates prescribed in the contract</p> <p>33.2.10 the contractor's failure or neglect to proceed with the works in terms of the contract</p> <p>33.2.11 the contractor's failure or neglect for any reason to complete the works in accordance with the contract</p> <p>33.2.12 the contractor's refusal or neglect to comply strictly with any of the conditions of contract or any contract instructions and/or orders in writing given in terms of the contract</p> <p>33.2.13 the contractor's estate being sequestrated; liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa</p> <p>34.13 Replace "seven (7) calendar days" with "twenty one (21) calendar days" and delete the words: "subject to the employer giving the contractor a tax invoice for the amount due"</p>
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	<p>36.3 Remove reference to “No clause”, and replace “principal agent” with “employer”</p> <p>36.7 Add the following: “Notwithstanding any clause to the contrary, on cancellation of 37.5 this agreement either by the employer or the and contractor; or for any reason and whatsoever, the contractor shall on written instruction, discontinue with the</p> <p>38.7 works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever”</p> <p>37.3.5 Replace “ninety (90)” with “one hundred and twenty (120) And 38.5.4</p> <p>39.3.5 Add the following words at the end thereof: :”within one hundred and twenty (120) working days of completion of such report”</p> <p>40.2.2 under clause 41 – Replace “one (1) year” with “three (3) years”</p> <p>40.6 under clause 41 – Remove reference to no clause</p> <p>40.7.1 Change “(10)” to “(15)”</p> <p>Add the following to the end thereof:</p> <p>Whether or not mediation resolves the dispute, the parties shall bear their own costs concerning the mediation and equally share the costs of the mediator and related costs.</p>
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C1.3 CIDB Adjudicator's Agreement

This agreement is made on the day of between:.....
 (name of company / organization) of
 (address) and.....
 (name of company / organization) of

 (address) (the Parties) and..... (name) of

 (address)
 (the Adjudicator).

Disputes or differences may arise/have arisen* between the Parties under a Contract dated and known as.....

and these disputes or differences shall be/have been* referred to adjudication in accordance with the CIDB Adjudication Procedure, (hereinafter called "the Procedure") and the Adjudicator may be or has been requested to act.

* Delete as necessary

IT IS NOW AGREED as follows:

- 1 The rights and obligations of the Adjudicator and the Parties shall be as set out in the Procedure.
- 2 The Adjudicator hereby accepts the appointment and agrees to conduct the adjudication in accordance with the Procedure.
- 3 The Parties bind themselves jointly and severally to pay the Adjudicator's fees and expenses in accordance with the Procedure as set out in the Contract Data.
- 4 The Parties and the Adjudicator shall at all times maintain the confidentiality of the adjudication and shall endeavour to ensure that anyone acting on their behalf or through them will do likewise, save with the consent of the other Parties which consent shall not be unreasonably refused.
- 5 The Adjudicator shall inform the Parties if he intends to destroy the documents which have been sent to him in relation to the adjudication and he shall retain documents for a further period at the request of either Party.

SIGNED by: _____

Name: _____

who warrants that he / she is duly
authorized to sign for and on
behalf of the first Party in the
presence of

Witness

Name: _____

Address: _____

Date: _____

SIGNED by: _____

Name: _____

who warrants that he / she is duly
authorized to sign for and behalf
of the second Party in the
presence of

Witness:

Name: _____

Address: _____

Date: _____

SIGNED by: _____

Name: _____

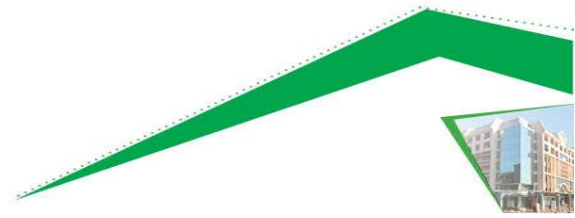
the Adjudicator in the presence of

Witness:

Name: _____

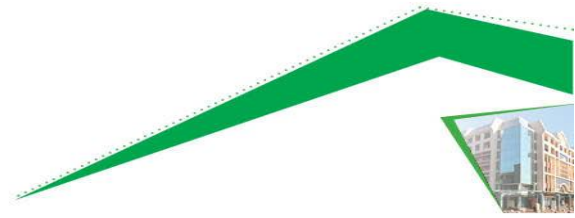
Address: _____

Date: _____



Contract Data

1	The Adjudicator shall be paid at the hourly rate of R. in respect of all time spent upon, or in connection with, the adjudication including time spent travelling.
2	The Adjudicator shall be reimbursed in respect of all disbursements properly made including, but not restricted to: (a) Printing, reproduction and purchase of documents, drawings, maps, records and photographs. (b) Telegrams, telex, faxes, and telephone calls. (c) Postage and similar delivery charges. (d) Travelling, hotel expenses and other similar disbursements. (e) Room charges. (f) Charges for legal or technical advice obtained in accordance with the Procedure.
3	The Adjudicator shall be paid an appointment fee of R This fee shall become payable in equal amounts by each Party within days of the appointment of the Adjudicator, subject to an Invoice being provided. This fee will be deducted from the final statement of any sums which shall become payable under item 1 and/or item 2 of the Contract Data. If the final statement is less than the appointment fee the balance shall be refunded to the Parties.
4	The Adjudicator is/is not* currently registered for VAT.
5	Where the Adjudicator is registered for VAT it shall be charged additionally in accordance with the rates current at the date of invoice.
6	All payments, other than the appointment fee (item 3) shall become due 7 days after receipt of invoice, thereafter interest shall be payable at 5% per annum above the Reserve Bank base rate for every day the amount remains outstanding.



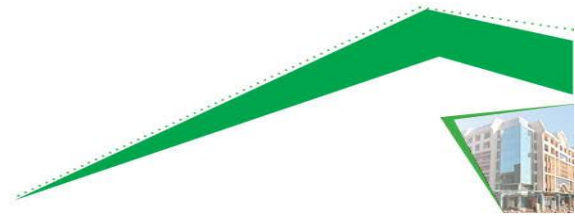
OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

IN

**EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND
CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL
AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.**

IMPLEMENTED BY

THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

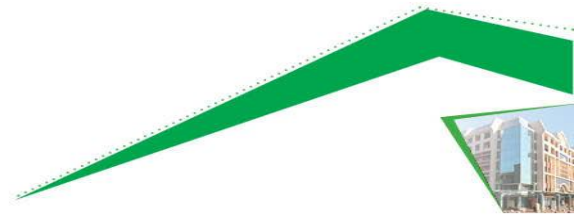


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1. PREAMBLE

In terms of Construction Regulation 4(1)(a) of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), and 5(1) construction regulation of 2014, the Department of Public Works, as the Client and/or its Agent on its behalf, shall be responsible to prepare Health & Safety Specifications for any intended construction project and provide any Principal Contractor who is making a bid or appointed to perform construction work for the Client and/or its Agent on its behalf with the same.

The Client's further duties are as described in The Act and the Regulations made there-under. The Principal Contractor shall be responsible for the Health & Safety Policy for the site in terms of Section 7 of the Act and in line with Construction Regulation 5 as well as the Health and Safety Plan for the project.

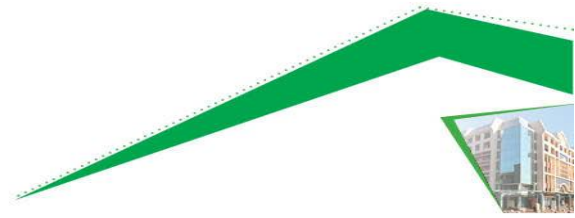


This 'Health and Safety Specifications' document is governed by the "Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), hereinafter referred to as 'The Act'. Notwithstanding this, cognizance should be taken of the fact that no single Act or its set of Regulations can be read in isolation. Furthermore, although the definition of Health and Safety Specifications stipulates 'a documented specification of all health and safety requirements pertaining to associated works on a construction site, so as to ensure the health and safety of persons', it is required that the entire scope of the Labour legislation, including the Basic Conditions of Employment Act be considered as part of the legal compliance system. With reference to this specification document this requirement is limited to all health, safety and environmental issues pertaining to the site of the project as referred to here-in. Despite the foregoing it is reiterated that environmental management shall receive due attention.

Due to the wide scope and definition of construction work, every construction activity and site will be different, and circumstances and conditions may change even on a daily basis. Therefore, due caution is to be taken by the Principal Contractor when drafting the Health and Safety Plan based on these Health and Safety Specifications. Prior to drafting the Health and Safety Plan, and in consideration of the information contained here-in, the contractor shall set up a Risk Assessment Program to identify and determine the scope and details of any risk associated with any hazard at the construction site, in order to identify the steps needed to be taken to remove, reduce or control such hazard. *This Risk Assessment and the steps identified will be the basis or point of departure for the Health and Safety Plan.* The Health and Safety Plan shall include documented 'Methods of Statement' (see definitions under Construction Regulations) detailing the key activities to be performed in order to reduce as far as practicable, the hazards identified in the Risk Assessment.

In this a high premium is to be placed on the health and safety of the most valuable assets of the Department of Public Works. These are its personnel, the personnel of its Clients and the physical assets of which it is the custodian and may also include the public as well. The responsibilities the Department and relevant stakeholders have toward its employees and other people present in the facilities or on the sites are captured further in this specification document. These responsibilities stem from both moral, civil and a variety of legal obligations. The Principal Contractor is to take due cognisance of the above statement.

Every effort has been made to ensure that this specification document is accurate and adequate in all respects. Should it however, contain any errors or omissions they may not be considered as grounds for claims under the contract for additional reimbursement or extension of time, or relieve the Principal Contractor from his responsibilities and accountability in respect of the project to which this specification document pertains. Any such inaccuracies, inconsistencies and/or inadequacies must immediately be brought to the attention of the Agent and/or Client.



2. SCOPE OF HEALTH AND SAFETY SPECIFICATION DOCUMENT

These Specifications should be read in conjunction with the Act, the Construction Regulations and all other Regulations and Safety Standards which were or will be promulgated under the Act or incorporated into the Act and be in force or come into force during the effective duration of the project. The stipulations in this specification, as well as those contained in all other documentation pertaining to the project, including contract documentation and technical specifications shall not be interpreted, in any way whatsoever, to countermand or nullify any stipulation of the Act, Regulations and Safety Standards which are promulgated under, or incorporated into the Act.

This health and safety specification in respect of a construction work contract:

- a) provides the overarching framework within which the contractor is required to demonstrate compliance with certain requirements for occupation health and safety established by the Occupational Health and Safety Act of 1993 during construction;
- b) establishes the manner in which the contractor is to manage the risk of health and safety incidents in during the construction; and
- c) establishes the manner in which the employer's health and safety agent will interact with the contractor.

Note 1 : This specification establishes generic requirements to enable the employer and the contractor to satisfy aspects of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and the Construction Regulations, 2014. The contractor is required to develop, implement and maintain package specific health and safety plans. The employer is required to provide certain package specific information to the contractor or a health and safety specification for the works to enable such plans to be formulated. Accordingly, this generic specification on its own cannot ensure compliance with the requirements of the aforementioned Act (See Annexure A).

Note 2: The Construction Regulations, 2014, require an employer to stop any contractor from executing construction work which is not in accordance with the contractor's health and safety plan for the site or which poses to be a threat to the health and safety of persons.

Note 3: This specification establishes generic health and safety requirements. Site specific requirements for health and safety are stated in the scope of work associated with a contract (see Annexure A).

Note 4: The South African Council for the Project and Construction Management Professions has established the following specified categories of registration in terms of the Project and Construction Management Professions Act of 2000 (Act No. 48 of 2000):

- a) a Construction Health and Safety Agent who may be appointed by an employer to act as his agent in terms of the Occupational Health and Safety Act of 1993 and the Construction Regulations issued in terms of that Act;
- b) a Construction Health and Safety Manager who may be appointed by an employer to complement his professional team or by a contractor to manage company or project health and safety performance and compliance in accordance with the Occupational Health and Safety Act and Regulations; and a Construction Health and Safety Officers who may be appointed by an employer to mitigate the risk on



a project or by a contractor to monitor and assist on-site health and safety performance and compliance in accordance with the Occupational Health and Safety Act and Regulations and services.

3. PURPOSE

The Department is obligated to implement measures to ensure the health and safety of all people and properties affected under its custodianship or contractual commitments, and is further obligated to monitor that these measures are structured and applied according to the requirements of these Health and Safety Specifications.

The purpose of this specification document is to provide the relevant Principal Contractor (and his /her contractor) with any information other than the standard conditions pertaining to construction sites which might affect the health and safety of persons at work and the health and safety of persons in connection with the use of plant and machinery; and to protect persons other than persons at work against hazards to health and safety arising out of or in connection with the activities of persons at work during the carrying out of construction work for the Department of Public Works. The Principal Contractor (and his /her contractor) is to be briefed on the significant health and safety aspects of the project and to be provided with information and requirements on inter alia:

- a) Safety considerations affecting the site of the project and its environment;
- b) Health and safety aspects of the associated structures and equipment;
- c) submissions on health and safety matters required from the Principal Contractor (and his /her contractor); and
- d) the Principal Contractor's (and his /her contractor) health & safety plan.

To serve and to ensure that the Principal Contractor (and his /her contractor) is fully aware of what is expected from him/her with regard to the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and the Regulations made there-under including the applicable safety standards, and in particular in terms of Section 6, 7 and 8 of the construction regulation (2014).

To inform the Principal Contractor that the Occupational Health and Safety Act, 1993 (Act 85 of 1993) in its entirety shall apply to the contract to which this specification document applies. The Construction Regulations promulgated on 07 February 2014.



CREATING AND MAINTAINING A SAFE AND HEALTHY WORK ENVIRONMENT

General

The contractor shall with respect to the site and the construction work that are contemplated:

1. cause a preliminary hazard identification to be performed by a competent person before commencing any physical construction activity;
2. evaluate the risks associated with the identified hazard to the health and safety of such employees and the steps that need to be taken to comply with the Act; and
3. as far as is reasonably practicable, prevent the exposure of such employees to the hazards concerned or, where prevention is not reasonably practicable, minimize such exposure.

The contractor shall ensure that:

- all reasonably practicable steps are taken to prevent the uncontrolled collapse of any new or existing structure or any part thereof, which may become unstable or is in a temporary state of weakness or instability due to the carrying out of construction work; no structure or part of a structure is loaded in a manner which would render it unsafe; and
- account of information, if any, provided by the designer of the structure is taken into account in the risk assessment.

Note: The information provided by the designer should outline known or anticipated dangers or hazards relating to the work and make available all information required for the safe execution of the work. It should provide as relevant, geotechnical information (or make reference to reports provided in the site information), the loading the structure is designed to withstand, the methods and sequence of construction.

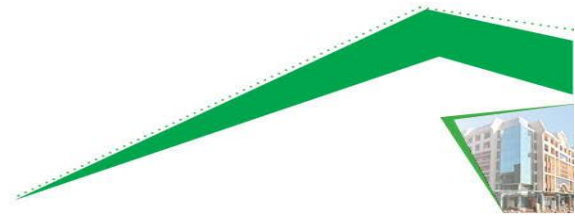
The contractor shall carry out regular inspections and audits to ensure that the work is being performed in accordance with the requirements of this specification.

4. DEFINITIONS

The most important definitions in the Act and Regulations pertaining to this specification document are hereby extracted.

Act: the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)

Accident – means unplanned occurrence that happens due to the unsafe condition and may cause injury to a person, damage to the property, material, plant, equipment and the environment;



Agent – means any person who acts as a representative for a client. The word agent, in some instances, may be used interchangeable with the Construction Health and Safety Agent, the distinguishing factor will be on the role expected to be played by the agent mentioned. For example, all H&S related issues (audits, inspections, and/or reports) are done by the Construction Health and Safety Agent, whilst the accountability of overall project success or portions of the work is done by the Agent i.e. Principal Agent or Project Manager or Engineer.

Client means Department of Public Works

Competent person means a person who-

- (a) has in respect of the work or task to be performed the required knowledge, training and experience and, where applicable, qualifications, specific for that work or task: Provided that where appropriate qualifications and training are registered in terms of the provisions of the National Qualifications Framework Act, 2000 (Act No.67 of 2000), those qualifications and that training must be regarded as the required qualifications and training; and

- (b) Is familiar with the OHS Act, Act 85 of 1993 and with the applicable regulations made under the Act;

Construction Health & Safety Agent (SACPCMP) – The person or entity appointed by the client through the Agent and who has a full authority and obligation to act on the client's behalf in terms of the construction regulations. *Pr. CHSA* means a competent person who acts as a representative for a Client in terms of regulation (5)5.

Contract Amount” Financial value of the contract at the time of the award of the contract, exclusive of all allowance and any value added tax or sales tax which the law requires the employer to pay to the contractor.

contractor: person or organization that contracts to provide the work covered by the contract

contract manager: person appointed by the employer to administer the contract on his behalf

competent person: any person who:

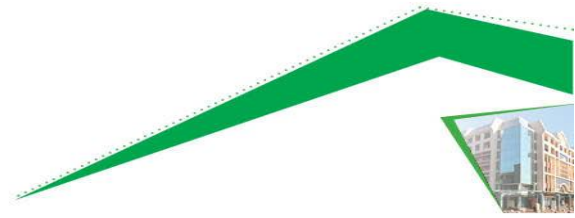
- a) has in respect of the work or task to be performed the required knowledge, training and experience and, where applicable, qualifications specific to that work or task; and
- b) is familiar with the Act and applicable regulations made in terms of the Act

Note: The Regulations stipulate that where appropriate qualifications and training are registered in terms of the provisions of the National Qualification Framework Act of 2000, those qualifications and training must be regarded as the required qualifications and training.

danger: anything which may cause injury or damage to persons or property

employer: person or organisation that enters into a contract with the contractor for the provision of the work covered by the contract

employer's health and safety agent: the person appointed as agent by the employer in terms of Regulation 4(5) of the Construction regulations and named in the contract data as the being the employer's agent responsible for health and safety matters. **This is a Construction Health & Safety Agent**



(SACPCMP) – The person or entity appointed by the client through the Agent and who has a full authority and obligation to act on the client's behalf in terms of the construction regulations.

"Construction Manager (Site Agent)" means a competent person responsible for the management of the physical construction processes and the coordination, administration and management of resources on a construction site;

Construction Site means a work place where construction work is being performed;

Construction Supervisor means a competent person responsible for supervising construction activities on a construction site;

Construction Vehicle means a vehicle used as a means of conveyance for transporting persons or material, or persons and material, on and off the construction site for the purposes of performing construction work;

Construction work means any work in connection with –

- a) The construction, erection, alteration, renovation, repairs, demolition or dismantling of or addition to a building or any similar structure; or
- b) the construction, erection, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system; or the moving of earth, clearing of land, the making of excavation, piling, or any similar civil engineering structure or type of work;

Construction Work Permit means a document issued in terms of regulation 3 of the Construction Regulations 2014;

CR refers to the Construction Regulations 2014.

Demolition Work means a method to dismantle, wreck, break, pull down or knock down of a structure or part thereof by way of manual labour, machinery, or the use of explosives;

ergonomics: the application of scientific information concerning humans to the design of objects, systems and the environment for human use in order to optimise human well-being and overall system performance.

Fall Protection Plan means a documented plan, which includes and provides for-

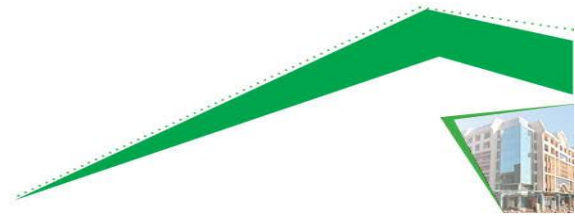
- All risks relating to working from a fall risk position, considering the nature of work undertaken;
- The procedures and methods to be applied in order to eliminate the risk of falling; and
- A rescue plan and procedures;

H&S – health and safety

hazard: a source of or exposure to danger

hazard identification: the identification and documenting of existing or expected hazards to the health and safety of persons, which are normally associated with the type of construction work being executed or to be executed.

Health and Safety File – means a file, or other record in permanent form, containing the information required a contemplated in the regulations;



health and safety plan: a documented plan which addresses hazards identified and includes safe work procedures to mitigate, reduce or control the hazards identified.

health and safety specification: a site, activity or project specific document pertaining to all health and safety requirements related to construction work which is included in the contractor's contract with the employer or an order issued in terms of framework agreement

healthy: free from illness or injury attributable to occupational causes

incident: an event or occurrence occurring at work or arising out of or in connection with the activities of persons at work, or in connection with the use of plant or machinery, in which, or in consequence of which:

- a) any person dies, becomes unconscious, suffers the loss of a limb or part of a limb or is otherwise injured or becomes ill to such a degree that he is likely either to die or to suffer a permanent physical defect or likely to be unable for a period of at least 14 days either to work or to continue with the activity for which he was employed or is usually employed;
- b) a major incident occurred; or
- c) the health or safety of any person was endangered and where:
 - i) a dangerous substance was spilled;
 - ii) the uncontrolled release of any substance under pressure took place;
 - iii) machinery or any part thereof fractured or failed resulting in flying, falling or uncontrolled moving objects; or machinery ran out of control

inspector: a person designated as such under section 28 the Act

major incident: an occurrence of catastrophic proportions, resulting from the use of plant or machinery, or from activities at a workplace.

Medical Certificate of Fitness means a certificate contemplated in regulation 7(8) of Construction Regulations 2014;

Practical Completion Certificates- A certificates issued in terms of a contract by the employer, signifying that the whole of the construction works have reached a state of readiness for occupation or use for the purposes intended, although some minor work may be outstanding.

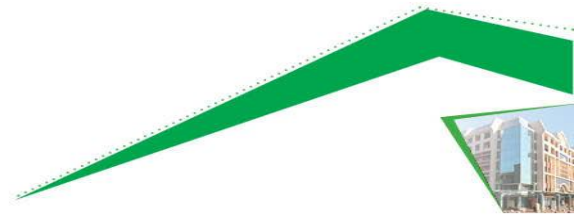
"Professional Engineer or Professional Certificated Engineer" means a person holding registration as either a Professional Engineer or Professional Certificated Engineer in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000);

reasonably practicable: practicable having regard to:

- a) the severity and scope of the hazard or risk concerned;
- b) the state of knowledge reasonably available concerning that hazard or risk and of any means of removing or mitigating that hazard or risk;
- c) the availability and suitability of means to remove or mitigate that hazard or risk; and
- d) the cost of removing or mitigating that hazard or risk in relation to the benefits deriving therefrom;

risk – means the likelihood that harm will occur and the subsequent consequences.

“Risk assessment” – means a process to determine any risk associated with any hazard at a construction site in order to identify the steps needed to be taken to mitigate, reduce or control such hazards.



safe: free from any hazard

Safety Officer – a person deemed competent by SACPCMP under the relevant category of registration.

scaffold: any temporary elevated platform and supporting structure used for providing access to and supporting workmen or materials or both

structure:

- a) any building, steel or reinforced concrete structure (not being a building), railway line or siding, bridge, waterworks, reservoir, pipe or pipeline, cable, sewer, sewage works, fixed vessels, road, drainage works, earthworks, dam, wall, mast, tower, tower crane, bulk mixing plant, pylon, surface and underground tanks, earth retaining structure or any structure designed to preserve or alter any natural feature, and any other similar structure;
- b) any false work, scaffold or other structure designed or used to provide support or means of access during construction work; or
- c) any fixed plant in respect of construction work which includes installation, commissioning, decommissioning or dismantling and where any construction work involves a risk of a person falling

substance: any solid, liquid, vapour, gas or aerosol, or combination thereof

suitable: capable of fulfilling or having fulfilled the intended function or fit for its intended purpose

temporary works: any false work, formwork, support work, scaffold, shoring or other temporary structure designed to provide support or means of access during construction

workplace: any premises or place where a person performs work in the course of his employment

5. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

5.1 Structure and Organization of OH&S Responsibilities

5.1.1. Overall Supervision and Responsibility for OH&S

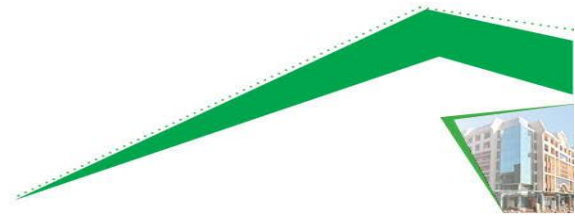
- a) The Client and/or its Agent on its behalf to ensure that the Principal Contractor, appointed in terms of Construction Regulation 4(1)(c), implements and maintains the agreed and approved H&S Plan. Failure on the part of the Client or Agent to comply with this requirement will not relieve the Principal Contractor from any one or more of his/her duties under the Act and Regulations.
- b) The Chief Executive Officer of the Principal Contractor in terms of Section 16 (1) of the Act to ensure that the Employer (as defined in the Act) complies with the Act. The pro forma Legal Compliance Audit may be used for this purpose by the Principal Contractor or his/her appointed contractor.
- c) All OH&S Act (85 /1993), Section 16 (2) appointee/s as detailed in his/her/their respective appointment forms to regularly, in writing, report to their principals on matters of health and safety per routine and ad hoc inspections and on any deviations as soon as observed, regardless of whether the observation was made during any routine or ad hoc inspection and to ensure that the reports are made available to the principal Contractor to become part of site records (Health & Safety File).



- d) The Construction Supervisor and Assistant Construction Supervisor/s appointed in terms of Construction Regulation 6 to regularly, in writing, report to their principals on matters of health and safety per routine and ad hoc inspections and on any deviations as soon as observed, regardless of whether the observation was made during any routine or ad hoc inspection and to ensure that the reports are made available to the principal Contractor to become part of site records (Health & Safety File).
- e) All Health and Safety Representatives (SHE-Reps) shall act and report as per Section 18 of the Act.

5.12 Required appointments as per the Construction Regulations: -

Item	Regulation	Appointment	Responsible Person
1.	3.	Application Construction work permit	Client
2.	5(1)(k)	Principal contractor for each phase or project	Client
3.	5(6)	Construction Health & Safety Agent	Client
4.	7.(1)(c)	Contractor	Principal Contractor
5.	7(3)	Contractor	Contractor
6.	8(1)	Construction manager	Contractor
7.	8(2)	Assistance Construction manager	Contractor
8.	6(1)	Construction supervisor	Contractor
9.	6(2)	Construction supervisor sub-ordinates	Contractor
10.	8(5)	Construction Safety Officer	Contractor
11.	8(8)	Responsible employee	
12.	9(1)	Person to carry out risk assessment	Contractor
13.	10(1)	Fall protection planner	Contractor
14.	12(1)	Temporal work designer	
15.	12(2)	Supervisor of temporal work operation	
16.	13(1)	Excavation supervisor	Contractor
17.	13(2)(k)	Competent person in the use of explosive for excavations	Contractor



18.	14(11)	Explosives expert	Contractor
19.	14(1)	Supervisor demolition work	Contractor
20.	14(2)	Scaffold supervisor	Contractor
21.	16(1)	Suspended platform supervisor	Contractor
22.	18(1)a	Rope access	Contractor
23.	19(8)(a)	Material hoist inspector	Contractor
24.	20(1)	Bulk mixing plant supervisor	Contractor
25.	21(2)	Explosive actuated fastening device inspector	Contractor
26.	21(2)(g)	Explosive actuated fastening device cartridge, nails and studs: issuer & collector	Contractor
27.	23 (1)	Operator : construction vehicle and mobile plant	Contractor
28.	28 (a)	Stacking and storage supervisor	Contractor
29.	29 (h)	Fire equipment inspector	Contractor

5.2 **Communication, Participation & Consultation**

- 5.2.1 Occupational Health & Safety matters/issues shall be communicated between the Employer, the Principal Contractor, the other Contractors, the Designer and other concerned parties shall be through the H&S Committee or other means determined by the client.
- 5.2.2 In addition to the above, communication may be directly to the Client or his appointed Agent, verbally or in writing, as and when the need arises.
- 5.2.3 Consultation with the workforce on OH&S matters will be through their Supervisors and H&S Representatives ('SHE – Reps')
- 5.2.4 The Principal Contractor will be responsible for the dissemination of all relevant OH&S information to the other Contractors e.g. design changes agreed with the Client and/or its Agent on its behalf and the Designer, instructions by the Client and/or his/her agent, exchange of information between Contractors, the reporting of hazardous/dangerous conditions/situations etc.



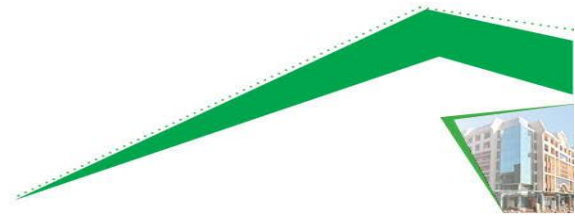
6. INTERPRETATION

- a) The Act and its associated regulations shall have precedence in the interpretation of any ambiguity or inconsistency between it and this specification.
- b) Compliance with the requirements of this specification does not necessarily result in compliance with the provisions of the Act.
- c) The Occupational Health and Safety Act and all its Regulations, with the exception of the Construction Regulations, distinguish between the roles, responsibilities and functions of employers and employees respectively. It views consultants and contractors as employees of the “owner” of a construction or operational project, the “owner” being regarded as the employer.
- d) The position taken by the Construction Regulations is that the “owner”, in terms of its instructions, operates (has to operate) in the role of client as per relevant definition. The contractors working for the “client” are seen to be in two categories, i.e. the Principal Contractor and Contractors.
- e) The Principal Contractor has to take full responsibility for the health and safety on the site of the relevant project / contract. This includes monitoring health and safety conditions and overseeing administrative measures required by the Construction Regulations from all contractors on the project site.
- f) The words **Principal Contractor** and **Contractor** in this document are used interchangeable, unless clearly expressed otherwise to mean something else e.g. when used to describe roles, responsibilities, functions, acts or omissions of the sub-contractor(s).

7. RESPONSIBILITIES

7.1 Client

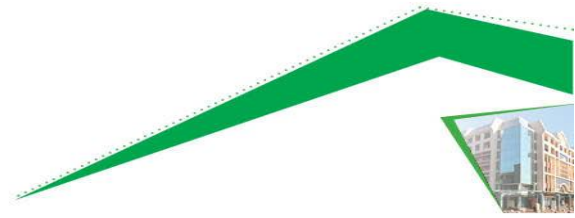
- a) The Client or his appointed Agent on his behalf will appoint each Principal Contractor for this project or phase/section of the project in writing for assuming the role of Principal Contractor as intended by the Construction Regulations.
- b) The Client or his appointed Agent on his behalf shall discuss and negotiate with the Principal Contractor the contents of the health and safety plan of the both Principal Contractor and Contractor for approval.
- c) The Client or his appointed Agent on his behalf will take reasonable steps to ensure that the health and safety plan of both the Principal Contractor and Contractor is implemented and maintained. The steps taken will include periodic audits at intervals of at least once every month.
- d) The Client or his appointed Agent on his behalf, will prevent the Principal Contractor and/or the Contractor from commencing or continuing with construction work should the Principal Contractor and/or the Contractor at any stage in the execution of the works be found to:



- have failed to have complied with any of the administrative measures required by the Construction Regulations in preparation for the construction project or any physical preparations necessary in terms of the Act;
- have failed to implement or maintain their health and safety plan;
- have executed construction work which is not in accordance with their health and safety plan; or
- act in any way which may pose a threat to the health and safety of any person(s) present on the site of the works or in its vicinity, irrespective of him/them being employed or legitimately on the site of the works or in its vicinity.

7.2 Principal Contractor

- a) The Principal Contractor shall accept the appointment under the terms and Conditions of Contract. The Principal Contractor shall sign and agree to those terms and conditions and shall, before commencing work, notify the Department of Labour of the intended construction. Annexure 2 of this construction regulation contains a "Notification of Construction Work" form. The Principal Contractor shall submit the notification in writing prior to commencement of work and inform the Client or his Agent accordingly.
- b) The Principal Contractor shall ensure that he is fully conversant with the requirements of this Specification and all relevant health and safety legislation.
- c) The Principal Contractor will in no manner or means be absolved from the responsibility to comply with all applicable sections of the Act, the Construction Regulations or any Regulations proclaimed under the Act or which may perceivable be applicable to this contract.
- d) The Principal Contractor shall provide and demonstrate to the Client a suitable and sufficiently documented health and safety plan based on this Specification, the Act and the Construction Regulations, which shall be applied from the date of commencement of and for the duration of execution of the works. This plan shall, as appendices, include the health and safety plans of all Sub-contractors for which he has to take responsibility in terms of this contract.
- e) The Principal Contractor shall provide proof of his registration and good standing with the Compensation Fund or with a licensed compensation insurer prior to commencement with the works.
- f) The Potential Principal Contractor shall, in submitting his tender, demonstrate that he has made provision for the cost of compliance with the specified health and safety requirements, the Act and Construction Regulations. (Note: This shall have to be contained in the conditions of tender upon which a tenderer's offer is based.)
- g) The Principal Contractor shall consistently demonstrate his competence and the adequacy of his resources to perform the duties imposed on the Principal Contractor in terms of this Specification, the Act and the Construction Regulations.
- h) The Principal Contractor shall ensure that a copy of his health and safety plan is available on site and is presented upon request to the Client, an Inspector, Employee or Sub-contractor.
- i) The Principal Contractor shall ensure that a health and safety file, which shall include all documentation required in terms of the provisions of this Specification, the Act and the Construction



Regulations, is opened and kept on site and made available to the Client or Inspector upon request. Upon completion of the works, the Principal Contractor shall hand over a consolidated health and safety file to the Client.

- j) The Principal Contractor shall, throughout execution of the contract, ensure that all conditions imposed on his Sub-contractors in terms of the Act and the Construction Regulations are complied with as if they were the Principal Contractor.
- k) The Principal Contractor shall from time to time evaluate the relevance of the Health and Safety Plan and revise the same as required, following which revised plan shall be submitted to the Client and/or his/her Agent for approval.

7.3 Contractor / sub-contractor

The contractor must demonstrate to the Principal Contractor that he has the necessary competencies and resources to perform the retrofitting work safely.

Acceptance by the Principal Contractor of the contract with Public Works shall constitute acknowledgement that the Principal Contractor has familiarised him/herself with the contents of the OHSE Spec and that he/she will comply with all its obligations in respect thereof.

Due to fact that this document is based on legislative requirements, the Client requires that all Contractors comply with the requirements of this document and all other relevant legislative requirements not covered by this document.

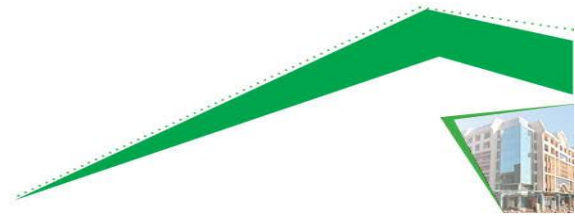
The Client or its duly appointed Construction H&S Agent reserves the right to stop any Principal Contractor or Sub-Contractors from working whenever Safety, Health or Environmental requirements are being violated as required by regulation 5(1)(q). Any resultant costs of such work stoppages will be for the relevant Contractor's account.

The requirements as specified by the Client in this document must not be deemed to be exhaustive and the Client reserves the right to make changes as and when the Client deems fit to address issue of OHSE Compliance.

The Client will not entertain any claim of any nature whatsoever which arises as a result of costs incurred or delays being experienced due to the Contractor not complying with the requirements of this document and/or any other applicable legislative requirements imposed on the Contractor.

The contractor may only subcontract work in terms of a written subcontract and shall only appoint a subcontractor should he be reasonably satisfied that such a subcontractor has the necessary competencies and resources to safely perform the work falling within the scope of the contract. Such a subcontract shall require that the subcontractor:

- co-operate with the contractor as far as is necessary to enable both the contractor and sub-contractor to comply with the provisions of the Act; and



- as far as is reasonably practicable, promptly provide the contractor with any information which might affect the health and safety of any person at work carrying out work or any person who might be affected by the work of such a person at work or which might justify a review of the health and safety plan.

The contractor shall provide any sub-contractor who is submitting a tender or appointed to perform a sub-contract falling within the scope of the contract, with the relevant sections of this specification and the health and safety specification.

The contractor shall discuss and negotiate with each subcontractor performing construction work the subcontractor's health and safety plan and approve that plan for implementation.

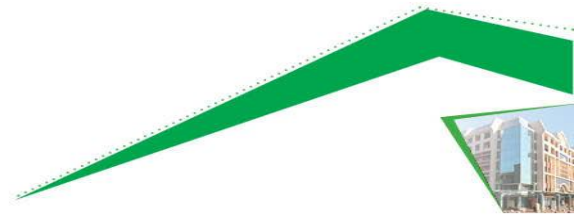
The contractor shall take reasonable steps as are necessary to ensure that:

- potential contractors submitting tenders have made sufficient provision for health and safety measures during the construction process;
- each subcontractor is registered and in good standing with the compensation fund or with a licensed compensation insurer prior to their performance of work on site;
- all the subcontractor's employees have a valid medical certificate of fitness specific to the construction work which are to be performed which is issued by an occupational health and safety practitioner;
- all sub-contractors co-operate with each other to enable each of those sub-contractors to comply with the requirements of the Act and associated regulations;
- each subcontractor performing construction work has and maintains a health and safety file containing the relevant information described in 4.2.5; and
- each sub-contractor's health and safety plan is implemented and maintained.

The contractor shall conduct periodic document verifications and audits for compliance with the approved health and safety plan of each and every sub-contractor working on the site at intervals agreed upon with such subcontractors, but at least once per month.

The contractor shall stop any subcontractor from executing construction work which is not in accordance with the contractor's or subcontractor's health and safety plan for the site or which poses a threat to the health and safety of persons.

The contractor shall ensure that where changes to the works occur including design changes, sufficient health and safety information and appropriate resources are made available to subcontractor to execute the work safely.



The contractor shall ensure that:

- every subcontractor is registered and in good standing with the compensation fund or with a licensed compensation insurer prior to work commencing on site;
- potential subcontractors submitting tenders have made provision for the cost of health and safety measures during the construction process; and
- every subcontractor has in place a documented health and safety plan prior to commencing any work on site which falls within the scope of the contract.

The contractor shall receive, discuss and approve health and safety plans submitted by subcontractors.

The contractor shall ensure that all subcontractors are informed regarding any hazard as stipulated in the risk assessment before any work commences, and thereafter at such times as may be determined in the risk assessment.

The contractor shall reasonably satisfy himself that all employees of subcontractors are informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment.

The contractor shall satisfy himself and ensure that all subcontractor employees deployed in the site are:

- informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment; and
- issued with proof of health and safety induction training issued by a competent person and carry proof such induction when working on site.

The contractor shall undertake a risk assessment together with subcontractors whenever subcontractors are working in close proximity to other subcontractors particularly activities involve excavations, the moving of earth, the movement of heavy machinery and working at heights

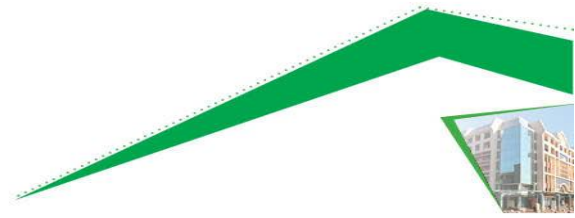
7.4 Construction supervisors

The construction manager shall in writing appoint construction supervisors responsible for construction activities and ensuring occupational health and safety compliance on the construction site.

A contractor shall after considering the size of the project and if considered necessary, appoint in writing one or more competent employees for different sections of the work to assist the construction supervisor.

7.5 Competent persons

The contractor shall appoint in writing competent persons to supervise or inspect, as relevant, any of the following:



- formwork and support work operations;
- excavation work;
- demolition work;
- scaffolding work operations;
- suspended platform work operations;
- material hoists;
- bulk mixing plants;
- temporary electrical installations;
- the stacking and storage of articles on the site; and
- fire equipment.

The contractor shall appoint in writing competent persons to:

- induct employees in health and safety; and
- prepare and update as necessary a fall protection plan and to provide the construction manager with a copy of the latest version of such plan.

6. Appointment of a Fulltime/ Part time Safety Officer

The Principal Contractors will have to appoint a competent Construction H&S Officer as per the following criteria;

- i. Number of employees onsite between 30 but below 50 – Part Time Safety Officer shall be appointed and will be onsite at least 2 days a week.*
- ii. Number of employees above 50 – Fulltime Safety Officer should be appointed.*
- iii. Should the project require a Construction Work Permit – a Fulltime Safety Officer should be appointed.*

Further to the above criteria, should the Client or its Representative having considered the risks present and lack of compliance to the Occupational Health and Safety Act, Act 85 of 1993 and its applicable Regulations the Client or its Representative may issue an instruction that a Part/ Full Time Construction Health and Safety Officer must be appointed, such a requirement will have to be met. Taking the Risk associated with this project into consideration it is deemed that a full time Safety Officer needs to be appointed and be present on site at all times.



7.6 Construction Health & Safety Agent (SACPCMP)

The construction Health & Safety Agent act as a link between the client, Principal Contractor and the project team members with respect to health & Safety, they are required to ensure that the client carry out its H&S responsibilities in terms of Legislation as well as to co-ordinate and ensure good H&S practices are maintained throughout the duration of the project. In many cases this role starts from project

Initiation to project close-out.

- a) H&S competence: In the event that the client is unable to satisfy the requirements of the Construction Regulations for whatever reasons, the construction H&S agent may be appointed to perform these functions on behalf of the client. Given the need to appoint a registered construction H&S agent that is competent and adequately resourced with respect to H&S matters.
- b) H&S goals: It is important that the construction H&S agents demonstrate clearly to clients how they are going to contribute to the achievement of any client H&S goals and objectives. They should also set their own H&S goals.
- c) H&S responsibilities: Prior to accepting the H&S agent appointment from clients, H&S agents need to ensure that they brief clients fully on the client's particular responsibilities in terms of the OH&SA of 1993 and Construction Regulations as amended from time to time. In the absence of acceptance by clients of these responsibilities, H&S agents will not be able to adequately meet their own H&S responsibilities and duties.
- d) H&S information: H&S agents must provide the designer or design team with all H&S information to enable them to conduct a design HIRA to identify the significant hazards that need to be included in the H&S specification. This information may be gathered from multiple sources such as, for example, discussion with the client, previous historical use of the site or facility, previous surveys and investigations and past H&S files.
- e) The employer's health and safety agent shall:
 - audit the contractor's compliance with the requirements of this specification prior to the commencement of any physical construction activities on the site;
 - accept or reject the contractor's health and safety plans, giving reasons for rejecting such plans;
 - monitor the effective implementation of all safety plans;
 - conduct periodic and random audits on the health and safety file to establish compliance with the requirements of this specification;
 - visit the site at regular intervals to conduct site inspections, and based upon such visits issue, wherever necessary, Improvement Notices, Contravention Notices and Prohibition Notices, to the contractor or any of the contractor's subcontractors with a copy to the contract manager and, where relevant, to the contractor.



- f) The contractor shall invite the employer's health and safety agent to audit compliance with the requirements of this specification before commencing with any physical construction activity on the site.
- g) Other duties of a H&S is to ensure that, where applicable, the following is attended to:

1. **Application for a Construction Work Permit Number (as per DoL Chief Inspector, July 2018).**

A client who intends to have construction work carried out, must at least 30 days before that work is to be carried out **apply to the provincial director in writing for a construction work permit to perform construction work** if the intended construction work starts on or after the 7th of August 2018 and exceeds 365 days; will involve more than 3600 person days of construction work; or the works contract in of a value exceeding thirteen million rand or Construction Industry Development Board (CIDB) grading level 7.

The application for the Construction Work Permit Number as contemplated above shall be the responsibility of the client depending on the submission of all relevant documentation from the successful tenderer.

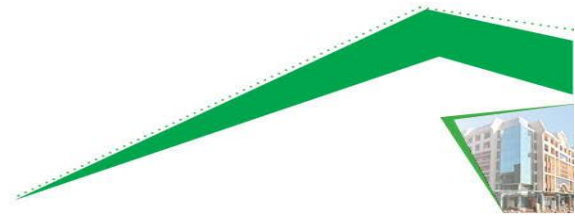
After the Provincial Director of Labour has issued a Construction Work Permit, the Client's or its duly appointed Construction H&S Agent will issue a letter advising the Project Leader and the Principal Agent to arrange the site handover meeting as all legislative requirements would have been complied with including as a copy of the construction permit to work.

2. **Tenderer's responsibility:**

~~The tenderer (meeting the above criteria) must ensure that they attach a certified copy of the **SACPCMP** Certificate for a Registered Construction Manager together with their OHSE Plans.~~

7.6 Responsibilities towards employees and visitors

- 1. The contractor shall as far as be reasonably practicable, cause every employee to be made conversant with the hazards to his health and safety attached to any work which he has to perform, any article or substance which he has to produce, process, use, handle, store or transport and any plant or machinery which he is required or permitted to use, as well as with the precautionary measures which should be taken and observed with respect to those hazards or safe work procedures.

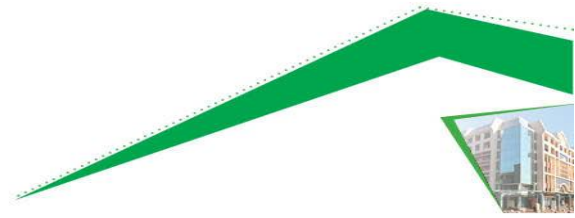


2. The contractor shall ensure that all employees under his or her control and the employees of his subcontractors who are performing construction work are:
 - informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment; and
 - issued with proof of health and safety induction training issued by a competent person and carry proof of such induction when working on site.
3. The contractor shall cause a record of training to be kept which indicates the training dates, the names, identity numbers and job description of all those who attended such training and the name, identity number and competence of the person who provided the training.
4. The contractor shall not allow or permit any employee to enter the site, unless such person has undergone health and safety induction training pertaining to the hazards prevalent on the site at the time of entry.
5. The contractor shall ensure that each visitor to a construction site, save where such visitor only visits the site office and is not in direct contact with the construction work activities:
 - a. undergoes health and safety instruction pertaining to the hazards prevalent on the site; and
 - b. is provided with the necessary personal protective equipment.
6. The contractor shall provide suitable on-site signage to alert workers and visitors to health and safety requirements. Such signage shall include but not be limited to:
 - a. unauthorized entrance prohibited;
 - b. signage to indicate what personal protective equipment is to be worn; and
 - c. activity related signs.
7. The contractor shall not permit any person who is or who appears to be under the influence of intoxicating liquor or drugs, to enter or remain at a workplace.

7.8 Design of temporary work

The contractor shall:

- a) provide the health and safety agent with the names and contract particulars of the designers involved in the design of temporary works;
- b) issue the designers with a copy of the health and safety specification as well as any pertinent information contained in the contract; and
- c) provide the health and safety agent with certificates issued by the designer of the temporary works that such works are fit for purpose before such works are used in support construction activities



7.9 Notification of intention to commence construction work

- i. The contractor shall on sites where no construction work permit has been issued by the Provincial Director of the Department of Labour notify such director in writing using a form similar to that contained in Annexure 2 of the Construction Regulations issued in terms of the Act before construction work commences and retain proof of such notification in the health and safety file where the work includes:
 - a. excavation work;
 - b. working at height where there is a risk of falling;
 - c. the demolition of a structure;
 - d. the use of explosives; or
 - e. a single storey dwelling for a client who is going to reside in such dwelling upon completion
- ii. The contractor shall ensure that no work commences on an electrical installation which requires a new supply or an increase in electricity supply before the person who supplies or contracts or agrees to supply electricity to that electrical installation has been notified of such work.

8. SCOPE OF WORK

The successful bidder is required to perform cable fault finding of 11kV underground cable and repair it by replacing it with a new cable. For the generator panel, the successful bidder is required to install a new panel of the generator, replace all components of the panel that are faulty or damaged.

The contractor is further required to provide all necessary equipment kits for a complete once-off major service of the generator and fill-up the generator with diesel. Lastly, the contractor is required to replace an automatic transfer switch of another generator rated 80kVA. Upon appointment, the successful bidder is required to provide a works programme which will indicate how the work will be executed.

C3.1. EXTENT OF WORK

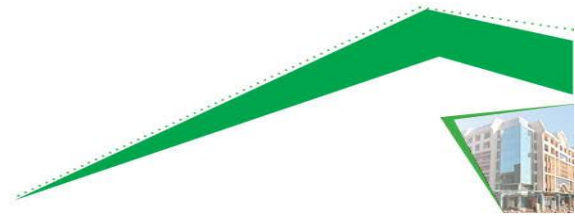
The Works comprise the following elements, which are defined in the following detailed specifications:

- Underground cable fault finding
- Installation of new underground cable
- Replacement of generator control panel
- Major servicing of the generator with faulty control panel
- Diesel fill-up of the faulty generator

Replacement of change over switch for another generator

9. PREPARING A HEALTH & SAFETY PLAN

- (a) The level of detail required for a H&S plan will depend on how complex the workplace is (in particular, the number of contractors at the workplace at any one time) and the risks involved in the



work. The plan must be easily accessible in a construction site and it must be clearly understood by management, supervisors & workers on construction site.

(b) The plan must be implemented, maintained and kept up to date during the construction of the project.

(c) The principal contractor should prepare a H&S plan that includes

- project information;
 - client requirements for H&S management on the project;
- Environmental restrictions and existing on-site risks arrangements, imposed by others or developed by the principal contractor, to control significant site H&S risks; H&S file & project H&S review.

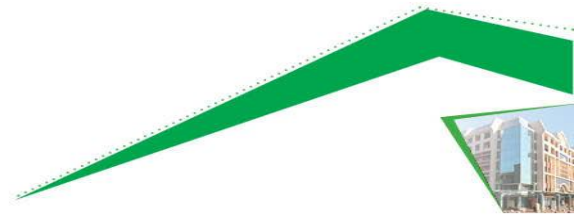
(d) The H&S plan should include the following information:

- details of the client, that is the person commissioning the construction work, for example their name, representative and contact details;
- details of the principal contractor;
- details of the construction project, for example address of the workplace, anticipated start and end date and a brief description of the type of construction work that the H&S plan will cover;
 - details on how subcontractors will be managed and monitored, including how the principal contractor intends to implement and ensure compliance with the H&S plan such as checking on the performance of subcontractors and how non-compliance will be handled; and
 - details on how the risks associated with falls, falling objects, moving plant, electrical work and all high risk construction work that will take place on a construction project will be managed.

(e) The H&S plan should also include information on:

- the provision and maintenance of a hazardous chemicals register, safety data sheets and hazardous chemicals storage;
- the safe use and storage of plant;
- the development of a construction project traffic management plan;
- obtaining and providing essential services information – electrical, gas, telecom, water and similar services;
- workplace security and public safety; and
- ensuring workers have appropriate licences and training to undertake the construction work.

(f) The H&S plan must contain:



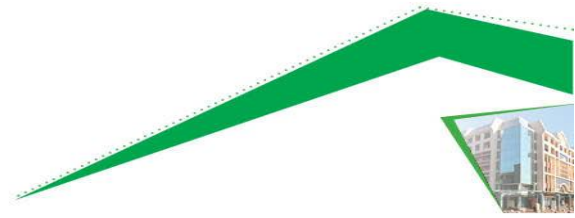
- a general description of the type of work activities involved in the project and not just a description of the facility to be constructed;
- the project program or schedule details, including start and finish dates, showing principal activities;
- details of client, design team, principal contractor, subcontractors, and major suppliers; and
- extent and location of relevant existing records, surveys, site investigation and geotechnical reports, 'as-built' plans, H&S files.

10. HEALTH AND SAFETY FILE

- The H&S file is a document prepared by the principal contractor containing important project H&S information for use by the owner of the completed structure after construction has been completed.
- The principal contractor is responsible for producing an H&S file. It contains important project H&S information for use by the owner of the completed structure after construction has been completed. It is essential that the process of compiling the file commences as early as possible to ensure sufficient time to gather the required information.
- The Principal Contractor must, in terms of Construction Regulation 7(7), keep a Health & Safety File on site at all times that must include all documentation required in terms of the Act and Regulations and must also include a list of all Contractors on site that are accountable to the Principal Contractor and the agreements between the parties and details of work being done. A more detailed list of documents and other legal requirements that must be kept in the Health & Safety File.
- The contractor must ensure that the client's format and layout of the H&S file is adhered to. The contractor must identify the responsible person that will prepare the H&S file and who will be responsible for the drafting of as-built drawings. The contractor must establish procedures:
- The Health and Safety File will remain the property of the Client and/or its Agent on its behalf throughout the period of the project and shall be consolidated and handed over to the Client and/or its Agent on its behalf at the time of completion of the project.
- The contractor shall establish and maintain on site a health and safety file which contains copies, as relevant of:

the following documents which shall be placed in the file prior to commencing with physical construction activities:

- copy of the contraction work permit issued in terms of the Construction Regulations 2014;
- the contractor's health and safety policy, signed by the chief executive officer, which outlines the contractor's objectives and how they will be achieved and implemented by the contractor;
- copies of all risk assessments that were conducted.
- the notification made to the Provincial Director of Labour, and if relevant, the notification of the person who supplies or contracts or agrees to supply electricity to that electrical installation;



- the letters of appointment, as relevant, together with brief curriculum vita (CV) of:
 - the construction manager and any assistant construction managers;
 - the construction health and safety manager
 - the construction health and safety officer
 - the risk assessor who is tasked to perform the risk assessments; and
 - the registered person responsible for the electrical installation covered by the Electrical Installations Regulations;
 - the authorised persons responsible for gas appliances, gas system gas reticulation system covered by the Pressure Equipment Regulations;
- g) a copy of the certificate of registration of the registered person responsible for the electrical installation covered by the Electrical Installations Regulations;
- h) the approval of the design of the part of an electrical installation which has a voltage in excess of 1 kV by a person deemed competent in terms of the Electrical Installations Regulations;
- i) proof of registration of the electrical contractor who undertakes the electrical installation in terms of the Electrical Installations Regulations;
- j) the preliminary hazard identification undertaken by a competent person;
- k) the organogram which outlines the roles of the construction supervisor's assistants and safety officers; and
- l) the contractor's health and safety plan;
- m) the emergency procedures;
- n) the procedure for the issuing and replacement of lost, stolen, worn or damaged personal protective clothing and equipment; and
- o) proof that the contractor and all the subcontractors are registered and in good standing with the compensation fund or with a licensed compensation insurer relevant to the type of work performed;
- p) the following documents, as relevant, which shall be placed in the file after construction activities have commenced;
- q) the letters of appointments, if relevant, together with a brief curriculum vita (CV) of:
 - persons who are required to assist the construction supervisor;
 - construction supervisor for the site in respect of construction work covered by the Construction Regulations;
 - competent persons;
 - assistants of construction supervisor; and
 - designers of temporary works;
- r) any revisions to the organogram which outlines the roles of the construction supervisor's assistants and safety officers;
- s) each and every subcontract agreement and each and every subcontractor's approved health and safety plan;



- t) proof that every subcontractor is registered and in good standing with the compensation fund or with a licensed compensation insurer relevant to the type of work performed;
- u) proof of all subcontractor's induction training whenever it is conducted;
- v) copies of the minutes of the contractor's subcontractor's health and safety meetings;
- w) copies of each of the contractor's subcontractors' health and safety policy, signed by the chief executive officer, which outlines the contractor's objectives and how they will be achieved and implemented by the contractor;
- x) the health and safety plans of all the contractor's subcontractors who are required to provide such plans;
- y) copies of the fall protection plan and each revision thereof;
- z) a comprehensive and updated list of all the subcontractors employed on site by the contractor, indicating the type of work being performed by such sub-contractors;
- aa) the outcomes of the monthly audits for compliance with the approved health and safety plan of each and every sub-contractor working on the site;
- bb) any report made to an inspector by the health and safety committee;
- cc) the minutes of all health and safety meetings and any recommendations made to the contractor by the health and safety committee;
- dd) the findings of all audit reports made regarding the implementation of the contractor's or a subcontractor's health and safety plan;
- ee) the inputs of the safety officer, if any, into the health and safety plan;
- ff) details of induction training conducted whenever it is conducted including the list of attendees;
- gg) proof of the following where suspended platforms are used:
 - a certificate of system design issued by a professional engineer, professional certificated engineer or a professional engineering technologist;
 - proof of competency of erectors, operators and inspectors;
 - proof of compliance of operational design calculations with requirements of the system design certificate;
 - proof of performance test results;
 - sketches indicating the completed system with the operational loading capacity of the platform;
 - procedures for and records of inspections having been carried out;
 - procedures for and records of maintenance work having been carried out;
 - proof that the prescribed documentation has been forwarded to the provincial director;
- hh) letters of appointments for competent persons to supervise the activities which law requires to be so supervised;
- ii) a copy of risk assessments made by competent persons;
- jj) records of the register of inspections made by a competent person immediately before and during the placement of concrete or any other load on formwork;
- kk) the names of the first aiders on site and copies of the first aid certificates of competency;



- ll) the names of the persons the persons who are in possession of valid certificate of competency in first aid and copies of such certificates;
- mm) medical certificates of fitness for the contractor's and subcontractors' employees specific to the construction work to be performed and issued by an occupational health and safety practitioner:
 - a. details of all incidents together with the Contractor's investigative report on such incident;
 - b. the record of inspections carried out by the designers of structures to ensure compliance with designs; and
- nn) any other documentation required in terms of regulations issued in terms of the Act including a record of all drawings, designs, materials used and other similar information concerning the completed structure;
- oo) The health and safety file shall be made available for inspection by any inspector, subcontractor, the contract manager, the employer's health and safety agent or employee of the contractor upon the request of such persons.
- pp) The health and safety file shall be updated to ensure that its contents always reflect the latest available information.
- qq) The contractor shall hand over a copy of the health and safety file to the employer's health and safety agent upon completion of the contract and if relevant, a certificate of compliance accompanied by a test report for the electrical installation in accordance with the provisions of the Electrical Installation Regulations.

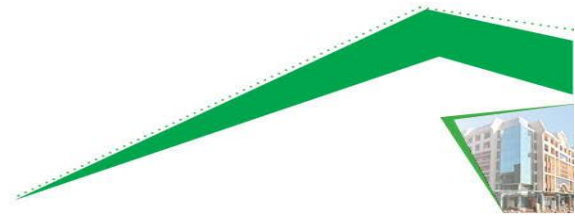
10.OH&S GOALS AND OBJECTIVES AND ARRANGEMENTS FOR MONITORING AND REVIEWING OH&S PERFORMANCE

The Principal Contractor is required to maintain an acceptable disabling incident frequency rate (DIFR) and report on this to the Client and/or its Agent on its behalf on a monthly basis.

11.1 IDENTIFICATION OF HAZARDS AND DEVELOPMENT OF RISK ASSESSMENTS, STANDARD WORKING PROCEDURES (SWP) AND METHOD STATEMENTS.

The Principal Contractor is required to develop Risk Assessments, Standard Working Procedures (SWP) and Method Statements for each activity executed in the contract or project.

The identification of hazards is over and above the hazards identification programme and those hazards identified during the drafting of the Health and Safety Plan.



11.1.1 Monthly Audit by Client and/or its H&S Agent.

The Client and/or its H&S Agent on its behalf will be conducting Periodic Audits at times agreed with the Principal Contractor Audit to comply with Construction Regulation 4(1)(d) to ensure that the principal Contractor has implemented, is adhering to and is maintaining the agreed and approved OH&S Plan.

- a) A representative of the Principal Contractor and the relevant Health and Safety Representative(s) (SHE-Reps) must accompany the Client and/or its Agent on its behalf on all Audits and Inspections and may conduct their own audit/inspection at the same time. Each party will, however, take responsibility for the results of his/her own audit/inspection results. The Client and/or its Agent on its behalf may require to be handed a copy of the minutes of the previous Health and Safety Committee meeting reflecting possible recommendations made by that committee to the Employer for reference purposes.

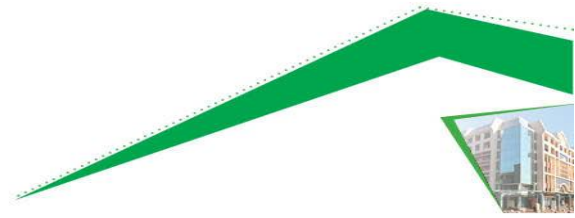
11.1.2 Health & Safety incident/accident reporting & investigations

- a) The Principal Contractor shall report all incidents where an employee is injured on duty to the extent that he/she:
 - i. dies
 - ii. becomes unconscious
 - iii. loses a limb or part of a limb
 - iv. is injured or becomes ill to such a degree that he/she is likely either to die or to suffer a permanent physical defect or likely to be unable for a period of at least 14 days either to work or continue with the activity for which he/she was usually employed

OR where:

a major incident occurred

- i. the health or safety of any person was endangered
 - ii. where a dangerous substance was spilled
 - iii. the uncontrolled release of any substance under pressure took place
 - iv. machinery or any part of machinery fractured or failed resulting in flying, falling or uncontrolled moving objects
 - v. Machinery ran out of control, to the Provincial Director of the Department of Labour within seven days and at the same time to the Client and/or its Agent on its behalf.
- b) The Principal Contractor is required to provide the Client and/or its Agent on its behalf with copies of all statutory reports required in terms of the Act and the Regulations.
- c) The Principal Contractor is required to provide the Client and/or its Agent on its behalf with a monthly "SHE Risk Management Report".



- d) The Principal Contractor is required to provide a.s.a.p. the Client and/or its Agent on its behalf with copies of all internal and external accident/incident investigation reports.
The Principal Contractor is responsible to oversee the investigation of all accidents/incidents where employees and non-employees were injured to the extent that he/she/they had to receive first aid or be referred for medical treatment by a doctor, hospital or clinic. (General Administrative Regulation 9)
- e) The results of the investigation to be entered into the Accident/Incident Register listed above. (General Administrative Regulation 9)
- f) The Principal Contractor is responsible for the investigation of all non-injury incidents as described in Section 24 (1) (b) & (c) of the Act and keeping a record of the results of such investigations including the steps taken to prevent similar incidents in future.
- g) The Principal Contractor is responsible for the investigation of all accidents relating to the construction site and keeping a record of the results of such investigations including the steps taken to prevent similar accidents in future.
- h) Notwithstanding the requirements of Section 24 of the Act, ALL incidents shall be investigated and reported on in writing, irrespective of whether such incident gave rise to injury or damage.
 - Determine the underlying H&S deficiencies and other contributory factors
 - Identification of corrective/preventative actions and continual improvement
 - Communicating the outcome/results and documenting the events of the investigation.
 -

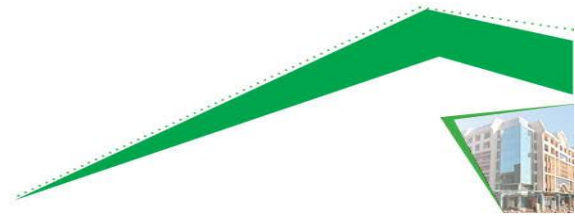
Reporting of Near-Misses

- Department of Public Works views the reporting of near misses as a critical component in creating a positive health and safety awareness culture on site.
- Department of Public Works retains the right to enforce the reporting of near misses within 24 hours of occurrence.

12. Review

The Principal Contractor is to review the Hazard Identification, Risk Assessments and Standard Work Processes at each Production Planning and Progress Report meeting as the construction work develops and progresses and each time changes are made to the designs, plans and construction methods and processes.

The Principal Contractor must provide the Client and/or its Agent on its behalf, other Contractors and all other concerned parties with copies of any changes, alterations or amendments as contemplated in the above paragraph.



12.1 Site Rules and other Restrictions

a) Site OH&S Rules

The Principal Contractor must develop a set of site-specific OH&S rules that will be applied to regulate the Health and Safety Plan and associated aspects of the construction. When required for a site by law, visitors and non-employees upon entering the site shall be issued with the proper Personal Protective Equipment (PPE) as and when necessary.

b) Security Arrangements

The Principal Contractor must establish site access rules and implement and maintain these throughout the construction period. Access control must include the rule that non-employees shall at all times be provided with fulltime supervision while on site. The Principal Contractor must develop a set of Security rules and procedures and maintain these throughout the construction period.

If not already tasked to the H&S Officer appointed in terms of Construction Regulation, the Principal Contractor must appoint a competent person who must develop contingency plans for any emergency that may arise on site as indicated by the risk assessments.

12.1.1 Appointment of Health & Safety Representatives

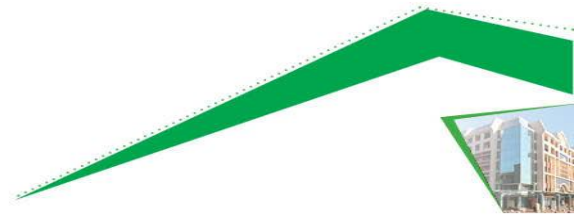
a) H&S Representatives ('SHE – Reps')

Where the Principal Contractor employs more than 20 persons (including the employees of other Contractors (sub-contractors) he has to appoint one H&S Representatives for every 50 employees or part thereof. (Section 17 of the Act and General Administrative Regulation 6. & 7.)

H&S Representatives must be appointed in writing and the designation shall be in accordance with the Collective Agreement as concluded between the parties as is required in terms of General Administration Regulation 6.

12.1.2 Duties and Functions of the H&S Representatives

The contractor shall appoint in writing one health and safety representative for every 50 employees working on the site, whenever there are more than 20 employees on the site, to:



- conduct at least a weekly inspection of their respective areas of responsibility using a checklist developed by a Principal Contractor.
- review the effectiveness of health and safety measures;
- identify potential hazards and potential major incidents;
- in collaboration with his employer, examine the causes of incidents;
- investigate complaints by any employee of the contractor relating to that employee's health or safety on the site;
- make representations to the contractor on matters arising from a), b), c) or d) or on general matters affecting the health or safety of the employees at the workplace;
- inspect the site with a view to, the health and safety of employees, at regular intervals;
- participate in consultations with inspectors at the workplace and accompany inspectors on inspections of the workplace; and
- participate in any internal health or safety audit.

The report must be consolidated and submitted to the Health & Safety Committee.

H&S Representatives must form part of the incident/accident investigating team.

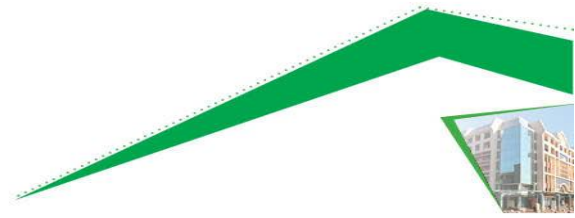
The contractor shall provide the health and safety representatives with the necessary assistance, facilities and training to carry out the functions established above.

12.1.3 Establishment of H&S Committee(s)

- The Principal Contractor must establish H&S Committees consisting of designated H&S Representatives together with a number of Employers Representatives appointed as per Section 19(3) that are not allowed to exceed the number of H&S Representatives on the committee.
- The persons nominated by the employer on a H&S Committee must be designated in writing for such period as may be determined by him. The H&S Committee shall co-opt advisory (temporary) members and determine the procedures of the meetings including the chairmanship.
- The H&S Committee must meet minimum monthly and consider, at least, an agreed Agenda for the first meeting. Thereafter the H&S Committee shall determine its own procedures

12.1.4 Training & Awareness

The contents and syllabi of all training required by the Act and Regulations including any other related or relevant training as required must be included in the Principal Contractor's Health and Safety Plan and Health and Safety File.



a) Training & Induction

All employees performing work or task on site that potentially impact on H&S must be competent & have the necessary appropriate education, training & experience.

All the training must be closely aligned with the risk profile of the project; procedures must be put in place to ensure that all workers are aware of the consequences of their work activities & benefits of improved H&S performance.

All employees of the Principal and other Contractors must be in possession of proof of General Induction training

b) Site Specific Induction Training

All employees of the Principal and other Contractors must be in possession of Site Specific Occupational Health and Safety Induction or other qualifying training.

c) Other Training

All operators, drivers and users of construction vehicles, mobile plant and other equipment must be in possession of valid proof of training.

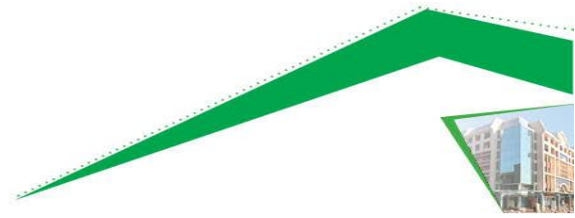
d) Copy of the Act

The contractor shall ensure that a copy of the Act and relevant regulations is available on site for inspection by any person engaged in any activity on the site.

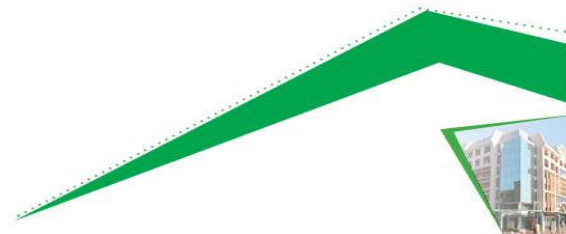
13. PROJECT/SITE SPECIFIC REQUIREMENTS

The following is a list of specific activities and considerations that have been identified for the project and site and for which Risk Assessments, Standard Working Procedures (SWP), management and control measures and Method Statements (where necessary) have to be developed by the Principal Contractor:

- a) Clearing & grubbing the area/site
- b) Site establishment
- c) Dealing with existing structures
- d) Location of existing services
- e) Boundary & Access control/Public liability exposures
- f) Protection against heat exhaustion, dehydration, wet & cold conditions
- g) Dealing with HIV & aids other related diseases
- h) Use of portable electrical & explosive tools
- i) Any Excavation work
- j) Any welding work
- k) Loading & offloading of trucks



- l) Driving & operations of Construction vehicles & mobile plant
- m) Temporal works and
- n) Construction work as defined in the construction regulation 2014

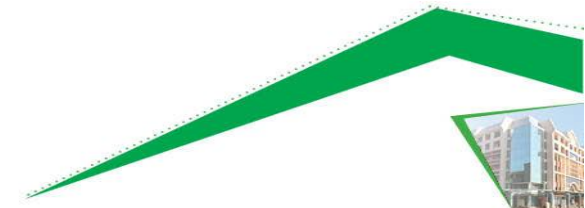


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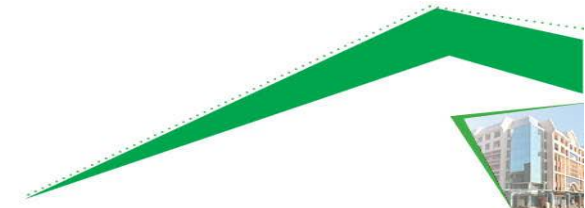
OUTLINED DATA, REFERENCES AND INFORMATION ON CERTAIN AND/OR SPECIFIC OBLIGATORY REQUIREMENTS TO ENSURE COMPLIANCE

Administrative & Legal Requirements

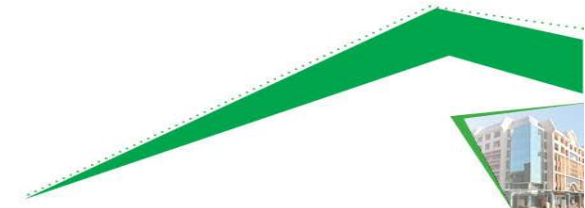
(a) OHS Act Section/ (b) Regulation	c) Subject	(1) Requirements
Construction. Regulation	Notice of carrying out Construction work	<ul style="list-style-type: none"> Department of Labour notified Copy of Notice available on Site
General Admin. Regulation 4	Copy of OH&S Act (Act 85 of 1993)	<ul style="list-style-type: none"> Updated copy of Act & Regulations on site. Readily available for perusal by employees.
COID Act Section 80	Registration with Compensation Insurer.	<ul style="list-style-type: none"> Written proof of registration/Letter of good standing available on Site
Construction. Regulation 4 & 5(1)	H&S Specification & Programme	<ul style="list-style-type: none"> H&S Spec received from Client and/or its Agent on its behalf OH&S programme developed & Updated regularly
Section 8(2)(d) Construction. Regulation 7	Hazard Identification & Risk Assessment	<ul style="list-style-type: none"> Hazard Identification carried out/Recorded Risk Assessment and – Plan drawn up/Updated RA Plan available on Site Employees/Sub-Contractors informed/trained
Section 16(2)	Assigned duties (Managers)	<ul style="list-style-type: none"> Responsibility of complying with the OH&S Act assigned to other person/s by CEO.
Construction. Regulation 6(1)	Designation of Person Responsible on Site	<ul style="list-style-type: none"> Competent person appointed in writing as Construction Supervisor with job description
Construction. Regulation 6(2)	Designation of Assistant for above	<ul style="list-style-type: none"> Competent person appointed in writing as Assistant Construction Supervisor with job description
Section 17 & 18 General Administrative Regulations 6 & 7	Designation of Health & Safety Representatives	<ul style="list-style-type: none"> More than 20 employees - one H&S Representative, one additional H&S Rep. for each 50 employees or part thereof. Designation in writing, period and area of responsibility specified in terms of GAR 6 & 7 Meaningful H&S Rep. reports. Reports actioned by Management.
Section 19 & 20 General Administrative Regulations 5	Health & Safety Committee/s	<ul style="list-style-type: none"> H&S Committee/s established. All H&S Reps shall be members of H&S Committees



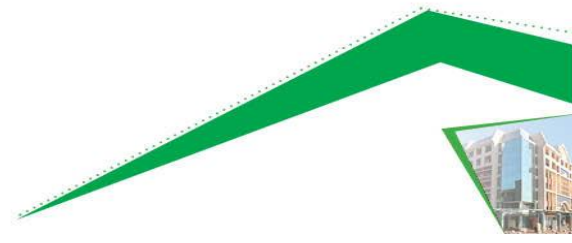
		<ul style="list-style-type: none"> • Additional members are appointed in writing. • Meetings held monthly, Minutes kept. • Actioned by Management.
Section 37(1) & (2)	Agreement with Mandatories/ (Sub-)Contractors	<ul style="list-style-type: none"> • Written agreement with (Sub-)Contractors • List of SubContractors displayed. • Proof of Registration with Compensation Insurer/Letter of Good Standing • Construction Supervisor designated • Written arrangements re. • H&S Reps & H&S Committee • Written arrangements re. First Aid
Section 24 & General Admin. Regulation 8 COID Act Sect.38, 39 & 41	Reporting of Incidents (Dept. of Labour)	<ul style="list-style-type: none"> • Incident Reporting Procedure displayed. • All incidents in terms of Sect. 24 reported to the Provincial Director, Department of Labour, within 3 days. (Annexure 1)(WCL 1 or 2) and to the Client and/or its Agent on its behalf • Cases of Occupational Disease Reported • Copies of Reports available on Site • Record of First Aid injuries kept
General Admin. Regulation 9	Investigation and Recording of Incidents	<ul style="list-style-type: none"> • All injuries which resulted in the person receiving medical treatment other than first aid, recorded and investigated by investigator designated in writing. • Copies of Reports (Annexure 1) available on Site • Tabled at H&S Committee meeting • Action taken by Site Management.
Construction. Regulation 8	Fall Prevention & Protection	<ul style="list-style-type: none"> • Competent person appointed to draw up the Fall Protection Plan • Proof of appointee's competence available on Site • Risk Assessment carried out for work at heights • Fall Protection Plan drawn up/updated • Available on Site
Construction. Regulation Driven Machinery Regulations 18 & 19	Cranes & Lifting Machines Equipment	<ul style="list-style-type: none"> • Competent person appointed in writing to inspect Cranes, Lifting Machines & Equipment • Written Proof of Competence of above appointee available on Site. • Cranes & Lifting tackle identified/numbered • Register kept for Lifting Tackle • Log Book kept for each individual Crane • Inspection: - All cranes - daily by operator <ul style="list-style-type: none"> - Tower Crane/s - after erection/6monthly - Other cranes - annually by comp. person • - Lifting tackle(slings/ropes/chain slings etc.) - daily or before every new



		application
General Safety Regulation 8(1)(a)	Designation of Stacking & Storage Supervisor.	<ul style="list-style-type: none"> Competent Person/s with specific knowledge and experience designated to supervise all Stacking & Storage Written Proof of Competence of above appointee available on Site
Construction. Regulation Environmental Regulation 9	Designation of a Person to Co-ordinate Emergency Planning And Fire Protection	<ul style="list-style-type: none"> Person/s with specific knowledge and experience designated to co-ordinate emergency contingency planning and execution and fire prevention measures Emergency Evacuation Plan developed: Drilled/Practiced Plan & Records of Drills/Practices available on Site Fire Risk Assessment carried out All Fire Extinguishing Equipment identified and on register. Inspected weekly. Inspection Register kept Serviced annually
General Safety Regulation 3	First Aid	<ul style="list-style-type: none"> Every workplace provided with sufficient number of First Aid boxes. (Required where 5 persons or more are employed) First Aid freely available Equipment as per the list in the OH&S Act. One qualified First Aider appointed for every 50 employees. (Required where more than 10 persons are employed) List of First Aid Officials and Certificates Name of person/s in charge of First Aid box/es displayed. Location of First Aid box/es clearly indicated. Signs instructing employees to report all Injuries/illness including first aid injuries
General Safety Regulation 2	Personal Safety Equipment (PSE)	<ul style="list-style-type: none"> PSE Risk Assessment carried out Items of PSE prescribed/use enforced Records of Issue kept Undertaking by Employee to use/wear PSE PSE remain property of Employer, not to be removed from premises GSR 2(4)
General Safety Regulation 9	Inspection & Use of Welding/Flame Cutting Equipment	<ul style="list-style-type: none"> Competent Person/s with specific knowledge and experience designated to Inspect Electric Arc, Gas Welding and Flame Cutting Equipment Written Proof of Competence of above appointee available on Site All new vessels checked for leaks, leaking vessels NOT taken into stock but returned to supplier immediately Equipment identified/numbered and entered into a register Equipment inspected weekly. Inspection Register kept



		<ul style="list-style-type: none"> • Separate, purpose made storage available for full and empty vessels
General Safety Regulation 13A	Inspection of Ladders	<ul style="list-style-type: none"> • Competent person appointed in writing to inspect Ladders • Ladders inspected at arrival on site and weekly thereafter. Inspections register kept • Application of the types of ladders (wooden, aluminium etc.) regulated by training and inspections and noted in register
General Safety regulation 13B	Ramps	<ul style="list-style-type: none"> • Competent person appointed in writing to supervise the erection & inspection of Ramps. Inspection register kept. • Daily inspected and noted in register



15. THE PRINCIPAL CONTRACTOR'S GENERAL DUTIES

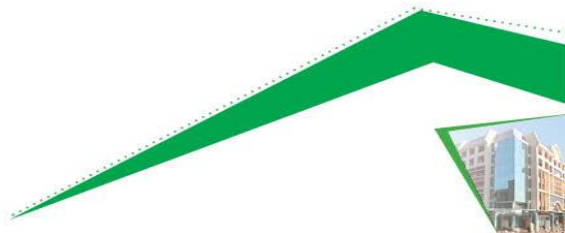
i. General

- The Principal Contractor shall at all times ensure his status of an “employer” as referred to in the Act, and will abide by his/her responsibilities, duties and functions as per the requirements of the Act and Regulations with specific reference to Section 8 of the Act.
- The Principal Contractor shall keep, and on demand make available, a copy of the Act on site at all times and in addition to that he/she will introduce and maintain a file titled “Health and Safety File”, or other record in permanent form, which shall contain all relevant aspects and information as contemplated in the Construction Regulations. He/she will make this file available to the client or his representative whenever necessary or on request to an interested party.
- The project under control of the Principal Contractor shall be subject to periodic health and safety audits that will be conducted by the client at intervals agreed upon between the Principal Contractor and the client, provided such intervals will not exceed periods of one month.
- The Principal Contractor is to ensure that he/she and all persons under his control on the construction site shall adhere to the above specifications.
- The Principal Contractor should note that he/she shall be held liable for any anomalies including costs and resulting deficiencies due to delays caused by non-conformance and/or non-compliance to the above Health and Safety Specifications and the Health and Safety Plan based on these specifications.

ii. Personal protective equipment and clothing

The contractor shall ensure that:

- all workers are issued with the necessary personal protective clothing;
- all workers are identifiable at all times by having the company for which they work for printed on the back or front of their overalls; and
- clear procedures are in place for the replacement of lost, stolen, worn or damaged personal protective clothing.



iii. Competent persons

The Principal contractor and other contractors shall appoint in writing competent persons to supervise or inspect, as relevant, any of the following:

- formwork and support work operations;
- excavation work;
- demolition work;
- scaffolding work operations;
- suspended platform work operations;
- material hoists;
- bulk mixing plants;
- temporary electrical installations;
- the stacking and storage of articles on the site; and
- fire equipment.

The contractor shall appoint in writing competent persons to:

- induct employees in health and safety; and
- prepare and update as necessary a fall protection plan and to provide the construction manager with a copy of the latest version of such plan.

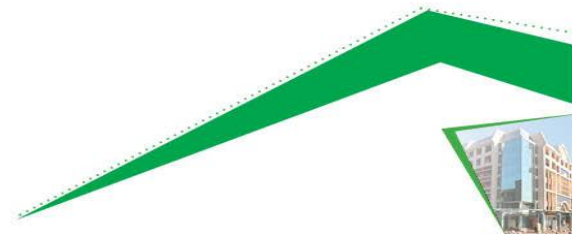
16. THE PRINCIPAL CONTRACTOR'S SPECIFIC DUTIES

The Principal Contractor's specific duties in terms of these specifications are detailed in the Construction Regulations as published under government notice 07 August 2014, stipulated in Section 7.

17. THE PRINCIPAL CONTRACTOR'S SPECIFIC RESPONSIBILITIES WITH REGARD TO HAZARDOUS ACTIVITIES

The following examples of activities are identifiable as hazardous in terms of the Construction Regulations. The contractor shall execute the activities in accordance with the following Construction Regulations and other applicable regulations of the Act:

- Fall protection



- Structures
- Excavation work
- Demolition work
- Scaffolding
- Construction vehicles & mobile plant.
- Water environments
- Housekeeping on construction sites
- Fire precautions on construction sites.

This list must not be taken to be exclusive or exhaustive! All of the above requirements will be read in conjunction with the relevant regulations and health and safety standards as required by the Act. All documents and records required by the Construction Regulations will be kept in the Health and Safety File and will be made available at any time when required by the client or his representative, or on request to an interested party.

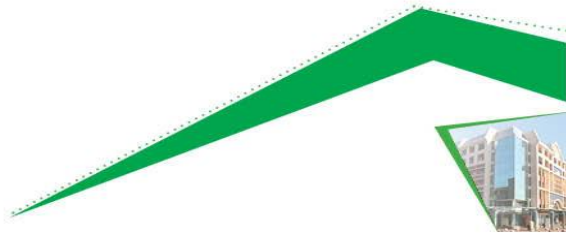
18. GENERAL NOTES TO THE PRINCIPAL CONTRACTOR

i. Legal Framework

Part of legal obligations

The more important Acts and relevant subordinate/secondary legislation as well as other (inter alia Local Government) legislation that also apply to the State as well as to State owned buildings and premises: -

- a. The latest issue of SABS 0142: "Code of Practice for the Wiring of Premises"
- b. The Local Government Ordinance 1939 (Ordinance 17 of 1939) as amended and the municipal by-laws and any special requirements of the local supply authority
- c. The Fire Brigade Services Act 1987, Act 99 of 1987 as amended
- d. The National Building Regulations and Building Standards Act 1977 (Act 103 of 1977) as amended and relevant proclaimed Regulations (SABS 0400)
- e. The Post Office Act 1958 (Act 44 of 1958) as amended
- f. The Electricity Act 1984, Act 41 of 1984
- g. The Regulations of Local Gas Board(s), including Publications of the SABS Standards and Codes of Practice, with specific reference to GNR 17468 dated 4th October 1997
- h. Legislation pertaining to water usage and the environment
- i. Legislation governing the use of equipment, which may emit radiation (e.g. X-Rays etc.)
- j. Common Law



ii. General requirements

The contractor shall:

- a) create and maintain as reasonably practicable a safe and healthy work environment,
- b) execute the work in a manner that complies with all the requirements of the Act and all its associated regulations, and in so doing, minimize the risk of incidents occurring;
- c) conspicuously display any site specific number assigned to the construction site in terms of the Construction Regulations 2014 at the main entrance to the site; and
- d) respond to the notices issued by the employer's health and safety agent as follows:
 - Improvement Notice: improve health and safety performance over time so that repeat notices are not issued;
 - Contravention Notice: rectify contravention as soon as possible;

Prohibition Notice: terminate affected activities with immediate effect and only recommence activities when it is safe to do so

Note: Financial penalties can be applied should Contravention Notices be issued. This should be dealt under the sub heading "NON-CONFORMANCES" in the same document.

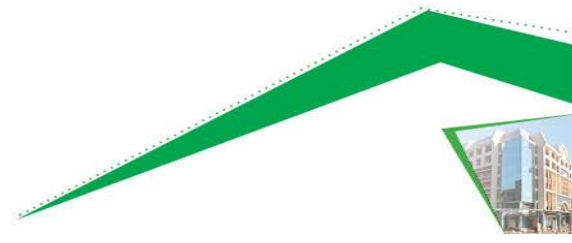
19. HOUSE KEEPING

Good housekeeping will be maintained at all times as per Construction Regulation No. 25. Poor housekeeping contributes to three major problems, namely, costly or increased accidents, fire or fire hazards and reduction in production. Good housekeeping will enhance production time.

In promotion of environmental control all waste, rubble, scrap etc., will be disposed of at a registered dump site and records will be maintained. Where it is found to be impractical to use a registered dump site or it is not available, the Principal Contractor will ensure that the matter is brought to record with the client or his representative, after which suitable, acceptable alternatives will be sought and applied.

Dross and refuse from metals, and waste matters or by-products whose nature is such that they are poisonous or capable of fermentation, putrefaction or constituting a nuisance shall be treated or disposed of by methods approved of by an inspector.

NOTE: No employer (Principal Contractor) shall require or permit any person to work at night or after hours unless there is adequate, suitable artificial lighting including support services in respect of Health and Safety.



20. Facilities

The site establishment plan shall make provision for:

a) Dining room facilities

The contractor shall make provision for adequate dining room facilities for his employees on site.

b) Change rooms

The contractor shall make provision for adequate change rooms for his employees on site.

c) Ablution facilities

The contractor shall make provision for adequate ablution facilities for his employees on site.

These facilities shall be maintained by the contractor.

d) Smoking Areas

Designated smoking areas shall be established by Department of Public Works.

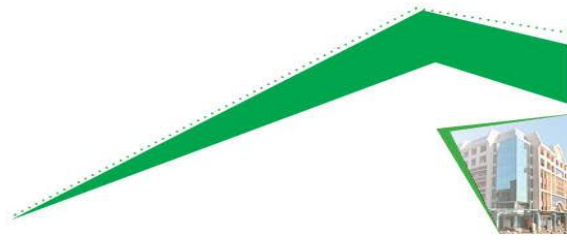
e) Drinking Water Facilities

The provision of drinking water facilities shall be negotiated between the Contractor and Department of Public Works.

f) Equipment Compliance Certificates

Before equipment is brought on site valid certificates of compliance issued by a competent person shall be presented. The equipment includes but shall not be limited to:

- i. lifting equipment and lifting tackle
- ii. power driven machinery
- iii. electrical equipment
- iv. testing and monitoring equipment



g) Barricading

All barricading shall be of the rigid type unless the use of non-rigid barricading has been approved in writing by the Department of Public Works Project Manager. The contractors' barricading standard shall be included in the Health and Safety Plan.

Where more than one contractor is working on a site, the fixed barricading shall be clearly marked with the company's name, site contact person as well as the contact number/s.

h) Erection of Structures for Logistic Support

Prior to site establishment Department of Public Works shall approve the contractor's site plan. Department of Public Works shall approve all structures erected for logistical support by the contractor. These structures include fences, workshops, tool sheds, offices, ablution facilities, etc.

i) Salvage Yard Management

Depending on the site specific arrangements and procedures, Department of Public Works may provide the salvage yard and the resources to manage it.

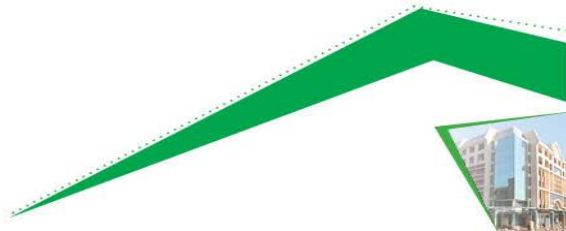
The salvage yard management shall conform to safety, health and environmental requirements. The contractors are required to move the equipment from the place of work to the salvage yard.

j) Fall Arrest and Prevention Equipment

Approved fall prevention equipment shall be used at heights of less than 2.0 meters. Above heights of 2.0 meters fall prevention equipment shall include fall arrest Equipment. Users of fall arrest equipment shall, amongst other things be trained in what an appropriate load bearing point is for connecting fall prevention equipment. Any deviation from this requirement shall be negotiated and agreed with Department of Public Works in writing.

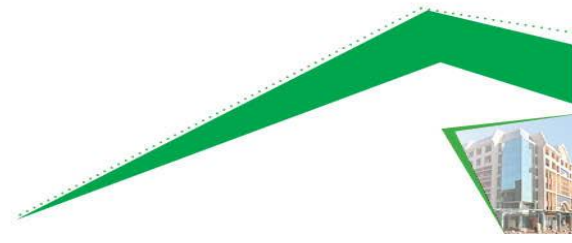
k) Hazardous Chemical Substances Waste Removal

Department of Public Works shall provide a facility to collect all hazardous chemical waste material. The contractor shall provide adequately marked and sealable containers to transport The hazardous chemical waste from the source to the approved Department of Public Works disposal point.



I) **Personal Protective Equipment (PPE)**

Personal protective equipment issued shall be specific to the risks associated with the work to be performed and specific to conditions on site and shall comply with South African National Standards (SANS) or similar.



20. LOCKOUT SYSTEMS

A system of control shall be established in order that no unauthorized person can energize a circuit, open a valve, or activate a machine on which people are working or doing maintenance, even if equipment, plant or machinery is out of commission for any period, thus eliminating injuries and damage to people and equipment as far as is reasonably practicable.

Physical/mechanical lock-out systems shall be part of the safety system and included in training. Lockouts shall be tagged and the system tested before commencing with any work or repairs.

21. IMPORTANT LISTS AND RECORDS TO BE KEPT

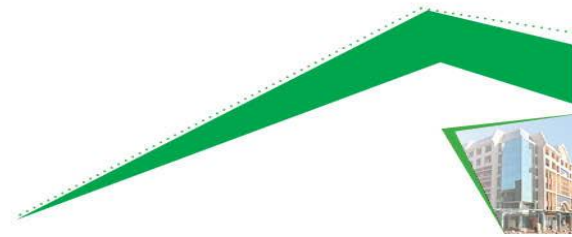
The following are lists of several records that are to be kept in terms of the Construction Regulations. The lists are:

- i. List of appointments
- ii. List of record keeping responsibilities
- iii. Inspection checklist

a) Contractor Risk Assessment Process

The risk assessment process shall include:

- 1) an evaluation of the method of the work to be conducted
- 2) the method statement on the procedure to be followed in performing the task shall be developed
- 3) the risk assessment will also include activities like:
 - i. Transportation of passengers and goods to and from site
 - ii. Site establishment
 - iii. Physical and mental capabilities of employees
 - iv. Others as may be specified.
- 4) the hazards as listed in the paragraph – Site Specific Health and Safety Hazards
- 5) a review plan for risk assessments shall provide for:
 - i. the quarterly review of all applicable risk assessments
 - ii. the review of an assessment if there is reason to believe that the previous assessment is no longer valid, or there has been a change in a process, work methods, equipment or procedures and working conditions



- iii. Risk assessment/s to be reviewed if the outcome of incident investigations and audits etc. requires such action.

A pre - task risk assessment shall be conducted in writing on every task and be facilitated by the team leader. All risk assessments and pre-task risk assessments shall be filed and be available on site.

b) Risk Profile

All contractors shall submit a risk profile of the work to be conducted with their Health and Safety Plan.

c) Risk Based Inspection Program

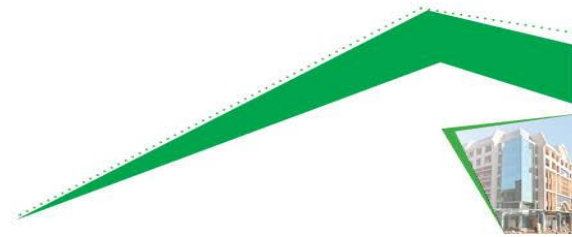
The inspection programme shall be risk based. The inspection plan shall form part of the Health and Safety Plan.

22. MEASUREMENT AND PAYMENT

The payment items for Occupational Health & Safety are contained in the Bill of Quantities. The same rules are applicable in respect of the pricing of these items as for every other payment item. Attention is drawn to the Pricing Instructions in this document.

23. NON-CONFORMANCES

Should, at any time, the works, or part of the works, be stopped due to unsafe acts or non-compliance with the Clients or PCs H&S Plan; neither the PC nor any other Contractor shall have a claim for extension of time or any other compensation.



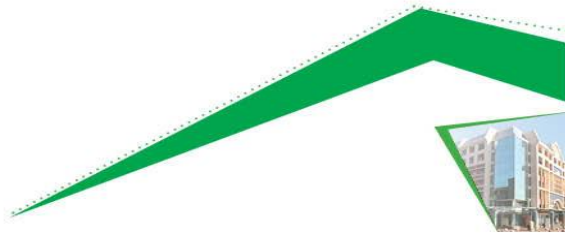
Minor: Penalty: R50/count	Medium: Penalty: R500/count and a non-conformance	Severe Penalty: R5000/count, a non- conformance and/or activity stoppage
Non-use of PPE supplied	Toilets not supplied or regularly serviced; lack of drinking water	Contractors working without Health and Safety Plan approval
Non completion of registers for plant and equipment on site	Contractors not audited	Workers transported in contravention of the OHS plan or legal requirements
Lack of H&S signage at work areas	Working without training or the appropriate, approved H&S method statements	Invalid Letters of Good Standing
Tools and equipment identified in poor condition during inspections	Legal non-conformances identified during the previous audit and not addressed within the agreed time frame	Non-compliance with traffic accommodation requirements: layout or physical conditions
	No monthly OHS report at site meeting to report on	Any serious breach of legal requirements
	No certificates of fitness for workers as required	
	Working without approved method statements	

4.8 Failure to Comply with Provisions

Failure or refusal on the part of the PC or their Contractors to take the necessary steps to ensure the safety of workers and the general public in accordance with these specifications or as required by statutory authorities or ordered by the engineer, shall be sufficient cause for the engineer to apply penalties as follows:

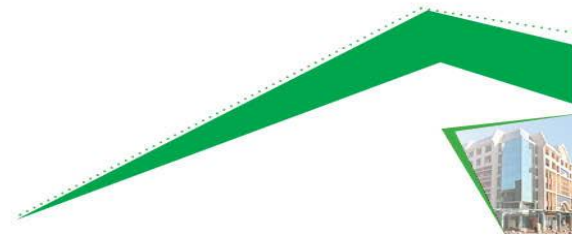
- (i) A penalty as shown in the Table above shall be deducted for each and every occurrence of non-compliance with any of the requirements of the H&S Specification.
- (ii) In addition a time-related penalty of R500,00 per hour over and above the fixed penalty may be deducted for non-compliance to rectify any non-conformance within the allowable time after a site instruction to this effect has been given by the Client's representative. The site instruction shall state the agreed time, which shall be the time in hours for reinstatement of the defects. Should the Contractor fail to adhere to this instruction, the time-related penalty shall be applied from the time the instruction was given.

The payment items for Occupational Health & Safety are contained in the Bill of Quantities. The same rules are applicable in respect of the pricing of these items as for every other payment item. Attention is drawn to the Pricing Instructions in this document.



24. INSPECTIONS, FORMAL ENQUIRES AND INCIDENTS

1. The contractor shall inform the relevant safety representative:
 - i. beforehand of inspections, investigations or formal inquiries of which he has been notified by an inspector; and
 - ii. as soon as reasonably practicable of the occurrence of an incident on the site.
2. The contractor shall record all incidents and notify the employer's health and safety agent of any incident, except in the case of a traffic accident on a public road, as soon as possible after it has occurred and report such incidence to an inspector of the department of labour and notify the Provincial Director of the Department of Labour of such incident within 7 days on the prescribed form.
3. The contractor shall investigate all incidents and issue the employer's health and safety agent with copies of such investigations.
4. The contractor shall in the event of an incident in which a person dies, or is injured to such an extent that he is likely to die, or suffered the loss of a limb or part of a limb:
 - i. notify the Provincial Director of the Department of Labour of such incident by telephone, facsimile or similar means of communication;
 - ii. ensure that no person disturbs the site at which the incident occurred or remove any article or substance involved in the incident therefrom, without the consent of an inspector, unless an action is necessary to prevent a further incident, to remove the injured or dead, or to rescue persons from danger;
 - iii. and provide the Provincial Director of the Department of Labour with a report which includes the measures that the contractor or his subcontractor intend to implement to ensure a safe site as reasonably practicable.
5. The contractor shall notify the Provincial Director of the Department of Labour of the death of any person which results from injuries sustained in an incident.

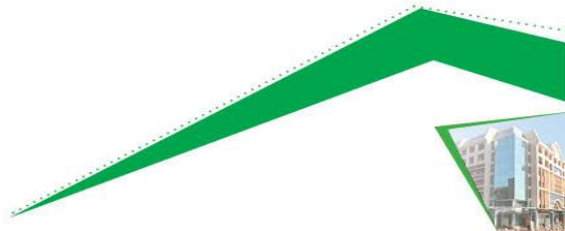


25. EMERGENCY PROCEDURES

The contractor shall submit for acceptance to the employer's health and safety agent an emergency procedure which include but are not limited to fire, spills, accidents to employees, exposure to hazardous substances, which:

- identifies the key personnel who are to be notified of any emergency;
- sets out details including contact particulars of available emergency services; and
- the actions or steps which are to be taken during an emergency.







The contractor shall within 24 hours of an emergency taking place notify the employer's health and safety agent in writing of the emergency and briefly outline what happened and how it was dealt with.



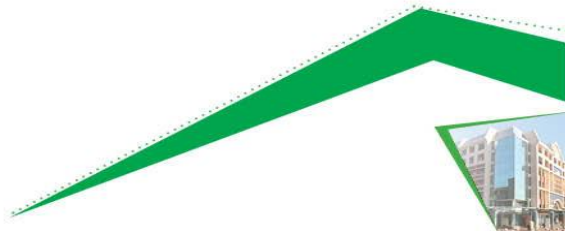
IMPORTANT CONTACT DETIALS

(FOR HEALTH & SAFETY ASPECTS ONLY)

The contractor is to add all the important contact information about essentials services, support and assistance.

	SERVICE	NUMBER	CONTACT PERSON
	Hospital		
	Ambulance		
	Water		
	Electricity		
	Police		
	Fire Brigade		
	Engineer		

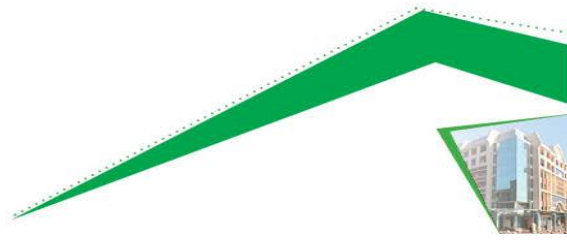
ADD OTHER IMPORTANT HEALTH & SAFETY CONTACT DETAILS AS MAY BE FOUND
NECESSARY.



PART C2: PRICING DATA

C2.1 Pricing Instructions

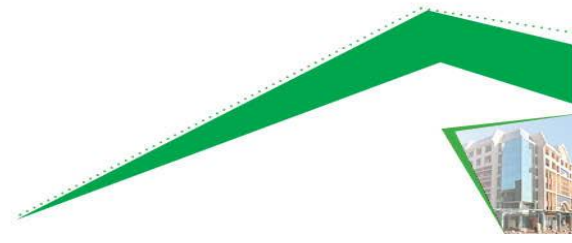
C2.2 Pricing Schedule



C2.1 Pricing Instructions

Pricing Instructions mean the criteria as set out below, read together with all Parts of the contract document, which it will be deemed in the contract that the Tenderer has taken into account when developing his prices.

1. The bid is the refurbishment of an existing building.
2. The contractor shall
3. The rates, sums, percentage fees and prices in the Proposal are to be fully inclusive prices for the work described under the several items. Such prices and rates are to cover all costs and expenses that may be required in and for the execution of the work described (design and construct) in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the Contract Data, as well as overhead charges and profit. Where time-based rates are quoted, such shall include for all payments to administrative, clerical and secretarial staff used to support professional and technical staff.
4. All other rates, sums, percentage fees or prices (as applicable) tendered in the Proposal shall be final and binding and shall **not** be subject to any variation throughout the period of the contract.
5. Payments will be based on the completion of activities provided that reasonable progress towards the completion of the activity within the estimated budget is demonstrated.

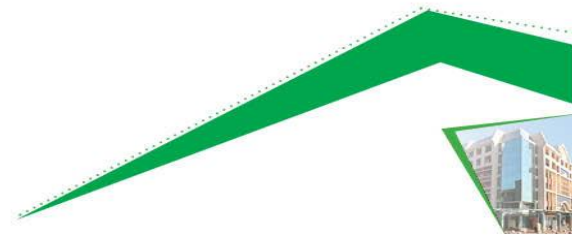


C2.2 PRICING SCHEDULE

PROJECT: EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.

The proposal from the service provider shall be deemed to be full compensation for the work as specified. The offer includes, the health and safety plan, the supply of all materials, labour, supervision, tools, equipment, services and deliverables necessary to carry out and complete the: EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDEGROUND CABLE AND 100KVA CONTROL PANEL BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK IN KOMANI.

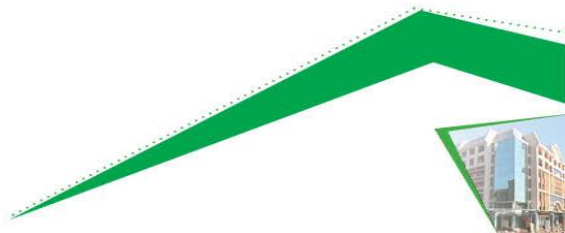
Further, the offer includes all transport, advertising, accommodation, safety, security, quality control, overheads, profit, risks, printing and escalation and incidental costs incurred for the successful completion of the work.



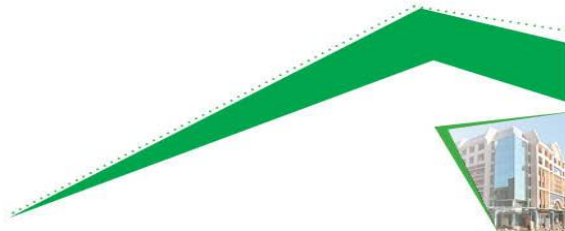
BILLS OF QUANTITIES

CHR5-22/23-0021

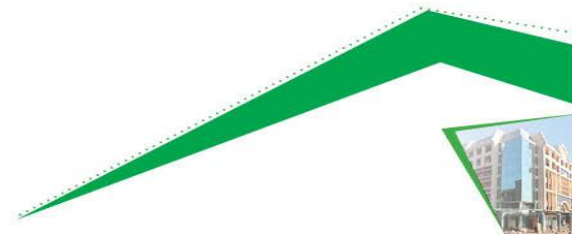
		Unit	QTY	Rate	Amount
A	<u>PRELIMINARIES AND GENERAL</u>				
A.	Allow for following as described and called for in BIFSA conditions of Subcontractor				
	Items that are in repairs to existing and prices are to include for taking out damaged items, safely disposing thereof, preparing and installing new items.				
	All repairs/servicing are to conform to the relevant SANS				
A.01	<u>Contractual Items</u>				
A.01.1	All conditions of contract including the JBCC MWA, Edition 4.1 (2005) original copy	Sum	1		
A.01.2	Statutory & regulatory requirements	Sum	1		
A.01.3	Attendance of progress meeting as required	Sum	1		
A.02	<u>Fixed Price Items</u>				
A.02.1	Erection of stores	Sum	1		
A.02.2	Establishment of communication	Sum	1		
A.02.3	Removal of site on completion	Sum	1		
A.03	<u>Variable Items</u>				
A.03.1	Variable w.r.t Contract Value	Sum	1		
A.03.2	Variable w.r.t Contract Period	Sum	1		
A.04.1	<u>HEALTH AND SAFETY</u>				



A.04.2	The Contractor is to comply with the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and any amendments thereto. A Health & Safety Plan needs to be submitted to the Department for approval prior to site handover and commencing any work.	Item	1		
A.05	Other requirement(specify)				
A.05.1	.....	Sum	1		
A.05.2	.....	Sum	1		
A.05.3	.....	Sum	1		
A.05.3	.....	Sum	1		
Carried to Summary of Section A				R	
		Unit	QTY	Rate	Amount
B	<u>11kV CABLE REPLACEMENT</u>				
B.01.1	EXCAVATION, TRENCHING AND BACKFILLING				
	Excavate a trench of 450mm width, 1000mm deep and back fill.	m	250		
B.01.2	70mm² 3CORE XLPE 11kV UNDERGROUND CABLE				
	Supply and replace faulty cable with 70mm ² XLPE 11kV underground cable.	m	250		
B.01.3	70mm² BARE COPPER EARTH WIRE				
	Supply and install 70mm ² BCEW. To be laid along 11kV XLPE cable.	m	250		
B.01.4	160mm PVC CABLE SLEEVE				
	Supply and install 160mm PVC sleeves	m	250		
B.01.5	11kV CABLE TERMINATION KIT				
	Supply and install 70mm ² XLPE 11KV cable indoor termination.	no	2		
B.01.6	11KV CABLE JOINT				
	Supply and install 70mm ² XLPE 11kV cable joint.	no	1		



Carried to Summary of Section B					
C	<u>FAULT FINDING</u>	Unit	QTY	Rate	Amount
C.01.1	CABLE FAULT FINDING				
	Allow for cable tracing and fault identification in the whole network system	sum	1		
Carried to Summary of Section C				R	
D	<u>GENERATOR REPAIRS</u>	Unit	QTY	Rate	Amount
D.01.1	100kVA AMF PANEL				
	Supply 100kVA generator DSE 7220 control Panel and accessories.	sum	1		
D.01.2	INSTALLATION, FITMENT, TEST AND COMMISSIONING OF PANEL				
	Install, fit, test and commissioning the 100kVA generator panel and Supply and fit new battery (674DS – RED 12V, 105AH)	sum	1		
D.01.3	GENERATOR MAJOR SERVICE				
	Supply service equipment and service the generator	sum	1		
D.01.4	250A AUTOMATIC TRANSFER SWITCH				
	Supply and install 250A automatic transfer switch of another Generator.	no.	1		
D.01.5	50PPM DIESEL				
	Supply and deliver 50 ppm diesel for the generator	Litre	240		
Carried to Summary of Section D				R	
E	<u>CHANGE OVER SWITCH REPLACEMENT</u>	Unit	QTY	Rate	Amount
E.01.1	250A AUTOMATIC TRANSFER SWITCH				
	Supply and install 250A automatic transfer switch of another Generator.	no.	1		



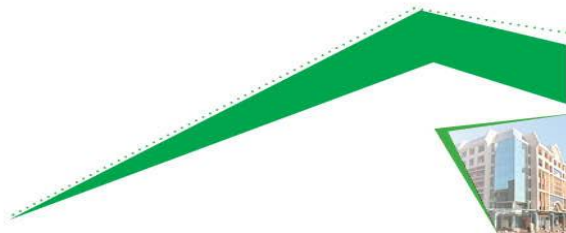
E.01.2	TEST AND COMMISSIONING				
	Test and commissioning the generator with the new automatic transfer switch	sum	1		
Carried to Summary of Section E					R

FINAL SUMMARY

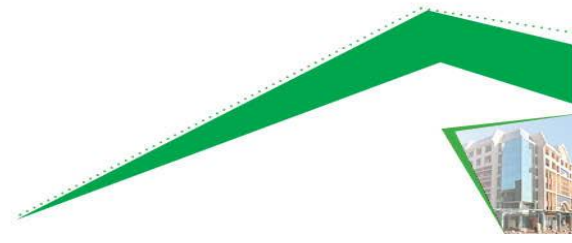
EMERGENCY REPAIRS OF MEDIUM VOLTAGE(11KV) UNDERGROUND CABLE AND 100KVA BACK-UP GENERATOR PANEL AT BATHANDWA NDONDO OFFICE PARK.					
	<u>SUMMARY PAGE</u>			<u>Priced Bill</u>	
	SECTION A: PRELIMINARY AND GENERAL				
	SECTION B :	11kv CABLE REPLACEMENT			
	SECTION C :	FAULT FINDING			
	SECTION D :	GENERATOR REPAIRS			
	SECTION E :	CHANGE OVER SWITCH REPLACEMENT			
	SUB- TOTAL				
	CONTINGENCIES				
	Allow 10% of Sub-total for contingencies				
	SUB-TOTAL:				



Province of the
EASTERN CAPE
PUBLIC WORKS & INFRASTRUCTURE



	ADD VALUE ADDED TAX (15%):				
	TOTAL INCL. VAT (CARRIED FORWARD TO FORM OF OFFER)				



PART C3: SCOPE OF WORKS

The Works comprise the following elements, which are defined in the following detailed specifications:

- Underground cable fault finding
- Installation of new underground cable
- Replacement of generator control panel
- Major servicing of the generator with faulty control panel
- Diesel fill-up of the faulty generator
- Replacement of change over switch for another generator

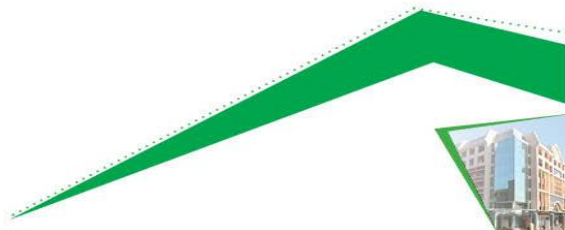
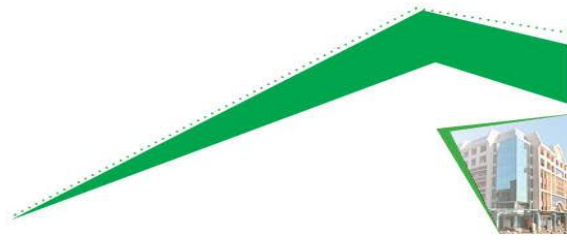


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C3.2. KNOWLEDGE

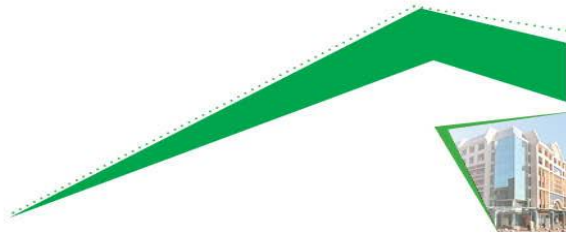
- This specification is for the emergency repairs of medium voltage (11kV) underground cable, 80kVA and 100kVA back-up generators at BATHANDWA NDONDO OFFICE PARK in Komani. All work shall as a minimum be executed according to the manufacturer's requirements, this specification and the latest revisions of the following standards, regulations and specifications:
 - i) SANS 10142: The Wiring of Premises Part 1: Low Voltage Installations.
 - ii) Occupational Health and Safety Act and all Regulations.
 - iii) SANS 10198: The selection, handling and installation of electric power cables of rating not exceeding 33kV Part 8: Cable laying and installation
 - iv) SANS 10198: The selection, handling and installation of electric power cables of rating not exceeding 33kV Part 13: Testing, commissioning and fault location
 - v) Department of Public Works specification PW371: Specification of Materials and Methods to be used and is available from National Public Works website.
 - vi) SANS 8528 Reciprocating internal combustion engine driven alternating current generating sets.
 - vii) SANS 60034 Rotating electrical Machines
 - viii) SANS IEC 60947 Low Voltage Switchgear
 - ix) OHSACT Occupational Health and Safety Act.
 - x) Department of Public Works Quality Specification Parts A, B and C.
 - xi) Local municipality by-laws for generator installations. (To be obtained from local municipality)
 - xii) All other relevant specifications, standards and documents whether referenced in the above documents or not.

This specification is supplemental to the above and more specific. Any conflicting information must be referred to the engineer for clarification.

- The 11kV underground cable forms part of the 11kV ring network at Bathanda Ndondo Office Park as shown on figure 1 of annexure A (Cable routes shown in the diagram may not be 100% accurate).
- The back-up generators are intended for use by the department of forensic and the department of agriculture when a planned or unplanned power outage occurs from the municipal supply.

C3.3. BID DOCUMENT

All documents submitted must be clearly marked, without alterations and no pages may be removed.



C3.4. LEGAL REQUIREMENTS

During the supply, installation and commissioning all work shall be carried out according to the requirements of the Occupational Health and Safety Act and regulations and the health and safety plan. After completion each site/building/ shall comply to all the fire safety requirements as specified in the Occupational Health and Safety Act and regulations as well as the national building regulations as per SANS 10400 and with professional conduct and industry norms.

C3.5. WARRANTY

The contractor is to guarantee any item, plant, equipment and accessories repaired, serviced, maintained or supplied and installed for a period of twelve months against any latent or obvious defects and non-conformance from date of completion and certification of the annual service and/or installation. Any such defects and/or failure that may occur or become evident during the twelve-month guarantee period shall be rectified within twenty-four (24) hours after being notified of the occurrence of the defect.

If the nature of the defect is such that it cannot be rectified within 24 hours, the repair time shall be mutually agreed between DPW and the appointed contractor. In the event that such failure and/or defect constitute a threat to the health and safety of the user and/or occupants, the contractor shall take immediate steps to rectify the fault. The contractor shall also submit to the Department of Public Works and Infrastructure a full report describing the nature of failure, cause of failure and possible methods to prevent failure in the future.

C3.6. SITE

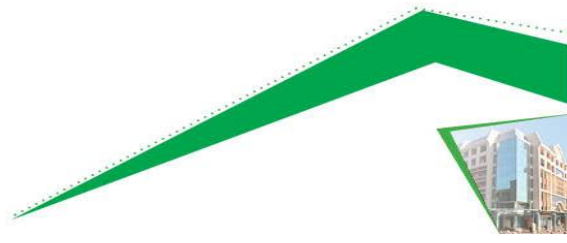
- The repairs of the generator panel and MV underground cable are to be carried out at Bathanda Ndondo Office Park in Komani.
- The site is in use on a daily basis and safety precautions must be taken into account to prevent injuries.

C3.7. CONTRACT PERIOD

The repairs, servicing and installation of the underground cable and generators shall be done over a period of three months, excluding the guarantee period, commencing from the date of letter of award, or until work to the amount of the contract sum is completed – whichever event occurs first.

C3.8. MAKING GOOD TO TRADES AND CLEARING SITE

After completion of any form of work during the contract period, all trades shall be made good and left in a clean and neat condition.



C3.9. SCOPE OF WORK

The successful bidder is required to perform cable fault finding of 11kV underground cable and repair it by replacing it with a new cable. For the generator panel, the successful bidder is required to install a new panel of the generator, replace all components of the panel that are faulty or damaged.

The contractor is further required to provide all necessary equipment kits for a complete once-off major service of the generator and fill-up the generator with diesel. Lastly, the contractor is required to replace an automatic transfer switch of another generator rated 80kVA. Upon appointment, the successful bidder is required to provide a works programme which will indicate how the work will be executed.

C3.10. EXTENT OF WORK

The Works comprise the following elements, which are defined in the following detailed specifications:

- Underground cable fault finding
- Installation of new underground cable
- Replacement of generator control panel
- Major servicing of the generator with faulty control panel
- Diesel fill-up of the faulty generator
- Replacement of change over switch for another generator

C3.11. SPECIFIC SCOPE OF WORK

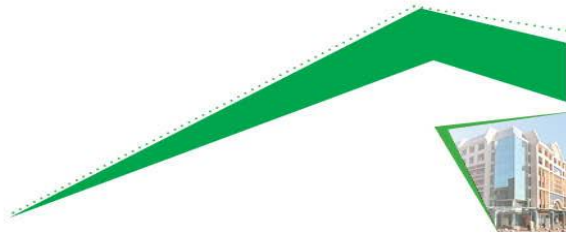
10.1. Cable fault finding

The cable fault locator equipment of the contractor shall be capable of locating /detecting all high voltage distribution underground (Paper Insulated /XLPE) power cable fault up to 33 KV network.

The fault finding equipment shall be properly wired and capable of detecting the following faults in underground cables:

- Open circuit
- Short circuit
- Low insulation
- Lashing
- Earth
- Series Resistance

After all fault finding procedures are done, it is the responsibility of the contractor to submit a technical report that will include information such as the type of fault that occurred in the cable,



the cause of the fault, the results of test that were conducted during fault finding procedures and professional recommendations for the electrical fault in question.

10.2. Handling and laying of 11kV underground cable

10.2.1. Trenching

11kV cable shall generally be laid at a minimum depth of 1000mm below ground level and a minimum width of 450mm. The Contractor must take all the necessary precautions to prevent trenching work being in any way a hazard to the public, and to safeguard all structures, roads, sewer works or other property from any risk of subsidence and damage.

10.2.2. Bedding

The cable shall be laid in a bedding of soft sand or sifted soil, 50mm below and 150mm above the cable. Clay soil will not be accepted as bedding.

10.2.3. Laying

Cable shall be removed from the drum in such a way that no twisting, tension or mechanical damage is caused, and must be adequately supported at short intervals during the whole operation. Particular care must be exercised where it is necessary to draw cables through pipes and ducts, to avoid abrasion, elongation or distortion of any kind. The ends of such pipes and ducts shall be sealed to approval after the drawing in of the cables.

10.2.4. Backfilling

Backfilling after bedding is to be carried out with a proper grading of the material to ensure settling without voids, and the material is to be tamped down after the addition of every 150mm. The surface is to be made good as required.

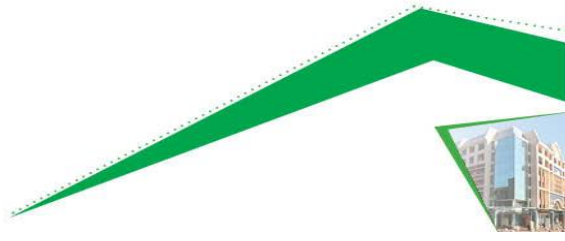
10.2.5. Protection of cable

Danger tape to specification shall be placed 400mm above all MV and main feeder cables along the entire length of the trench. Where so directed by the Engineer, a concrete layer shall be placed over the bedding layer in order to give the cable additional protection.

At road crossings, cable sleeves shall be installed at a minimum depth of 1000mm, and as instructed by the Engineer.

The danger tape shall be 150mm wide yellow plastic with lightning flash printed onto the tape at intervals.

The tape shall comply with SANS 1091



10.2.6. Road Crossings

Cable sleeves for road crossings shall not be installed less than 1000mm below the final street level. Unless otherwise specified two additional sleeves all of the same size shall be installed for future use at each road crossing.

On completion of the installation of sleeves all ends shall be sealed to prevent the ingress of dirt and moisture, after installation of the cables the sleeves shall be resealed. After installation of the sleeves the trench shall be backfilled and tamped down in layers of 50mm to achieve a density of 95% modified AASHTO. Sleeve end positions shall be marked with an approved cable marker.

10.2.7. Cable markers

Cable route markers of approved manufacture shall be provided at each end of an underground cable route and at all points where such routes deviate from a straight line. Each cable marker shall be buried with its upper face 100mm above the natural ground level.

10.3. Generator repairs

10.3.1. Generator panel repairs

The contractor is required to repair the faulty panel by installing a new panel and replace all the faulty or damaged parts of the existing panel. After repairs are completed, commissioning tests must be done in order to ensure proper functionality of the generator.

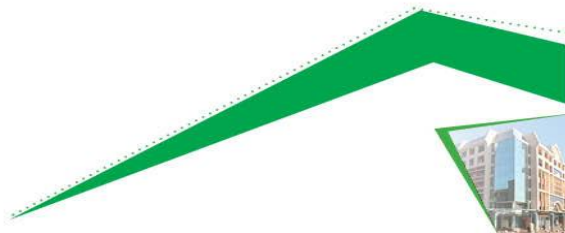
10.3.2. Once-off major service

As a minimum requirement, the major service specification is to include the following tasks but not limited:

- Change engine oil and oil filter.
- Change fuel filter.
- Change air filter.
- Clean the crankcase breather.
- Check coolant concentration.
- Flush line cooling system.
- Perform load bank testing.
- Inspect and adjust alternator and fan belts

10.4. Replacement of Automatic Transfer Switch

The successful contractor is required to replace the faulty automatic transfer switch of 80kVA generator. The new automatic transfer switch must be able to fit in the space of the existing



change over switch and compatible with the control module DSE 7320. It must also have the following minimum electrical design specifications:

- Rated Current (I_r): 250A
- Impulse Withstand Voltage (U): 12kV
- Breaking current (I_{cw}): 15kA /100ms

C3.12.Reporting

It is required of the contractor to report to the DPWI Engineer before commencing with any work to ensure proper liaison and supervision of all work carried out. The contractor is to submit a report/checklist of all tasks performed during service.

C3.13.Functioning

The contractor shall not alter the functioning or design of any piece of equipment or part thereof, without the prior written consent of the Engineer.

C3.14. SUPERVISION

The work shall at all time, for the duration of the contract be carried out under the supervision of a competent representative of the contractor. All electrical work shall be performed by registered or licensed staff of the Contractor, as required by legal statute. Copies of registration or license documents shall be submitted at the beginning of this contract. Any repair/maintenance and servicing done by a non-registered person shall be regarded as incomplete and therefore not paid for.

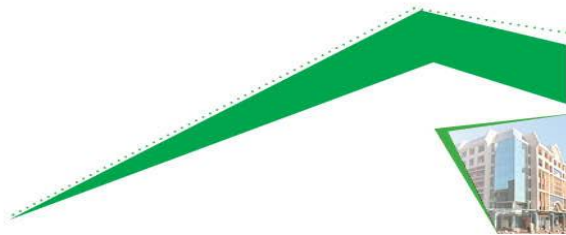
C3.15.SAMPLES AND ALTERNATIVES

All material used shall comply with the relevant SANS documents. DPW reserves the right to specify the equipment and or materials utilised in the works. No alternatives to equipment and or materials are to be used unless written approval is obtained from the designated DPW official. All materials used and installed to be SABS approved and clearly marked as such

C3.16.EQUIPMENT DESCRIPTION

The tables below are the description of the faulty cable and generators that need to be repaired:

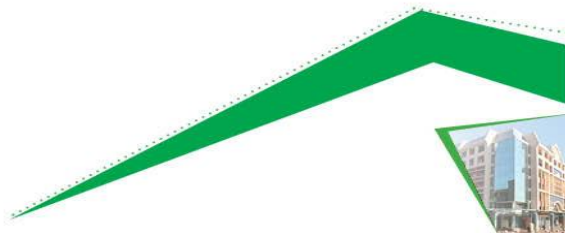
Description of Generator with faulty panel	
Engine make	John Deer
Engine number	CD6068C065332
Rated power	100kVA



Rated voltage	400V
Number of phases	3phase
Phase rotation	Clockwise
Panel	AMF canopy set
Controller	DSE 7220

Description of Generator with faulty change over switch	
Engine make	John Deer
Rated power	80kVA
Rated voltage	400V
Number of phases	3phase
Panel	AMF canopy set
Controller	DSE 7320

Existing underground cable description	
Cable type	PILCDSTA
Number of cores	Three core
Cable size	70mm ²
Rated voltage	11kV
Approximate Cable length	250m



C.4: SITE INFORMATION

Project Title:	EMERGENCY REPAIRS OF MEDIUM VOLTAGE (11KV) UNDEGROUND CABLE AND 100KVA BACK-UP GENERATOR PANEL AT BATHANDA NDONDO OFFICE PARK IN KOMANI
Tender No.:	CHR5-22/23-0021

4.1 GENERAL

The site is located in Bathanda Ndondo Office Park.

4.2 Ground Conditions

N/A

4.3 Underground Services

Responsibility of Contractor.

4.4 Environmental Issues

Contractors to be compliant to Environmental Management Act.

4.5 Adjacent Buildings

N/A

4.6 Location Map

Bathanda Ndondo Office Park

Co-ordinates: -31.925503, 26.908364

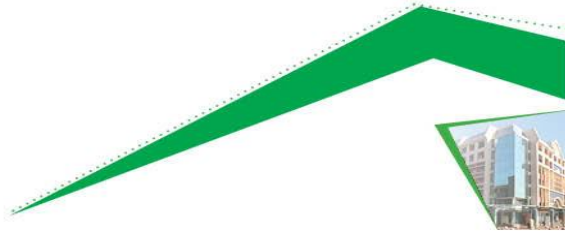
Altitude: 1075m

4.7 Climate

Average temperature is 20.4°C

The month with the highest relative humidity is February (66.04 %).

The month with the lowest relative humidity is August (42.23 %).



ANNEXURE: A

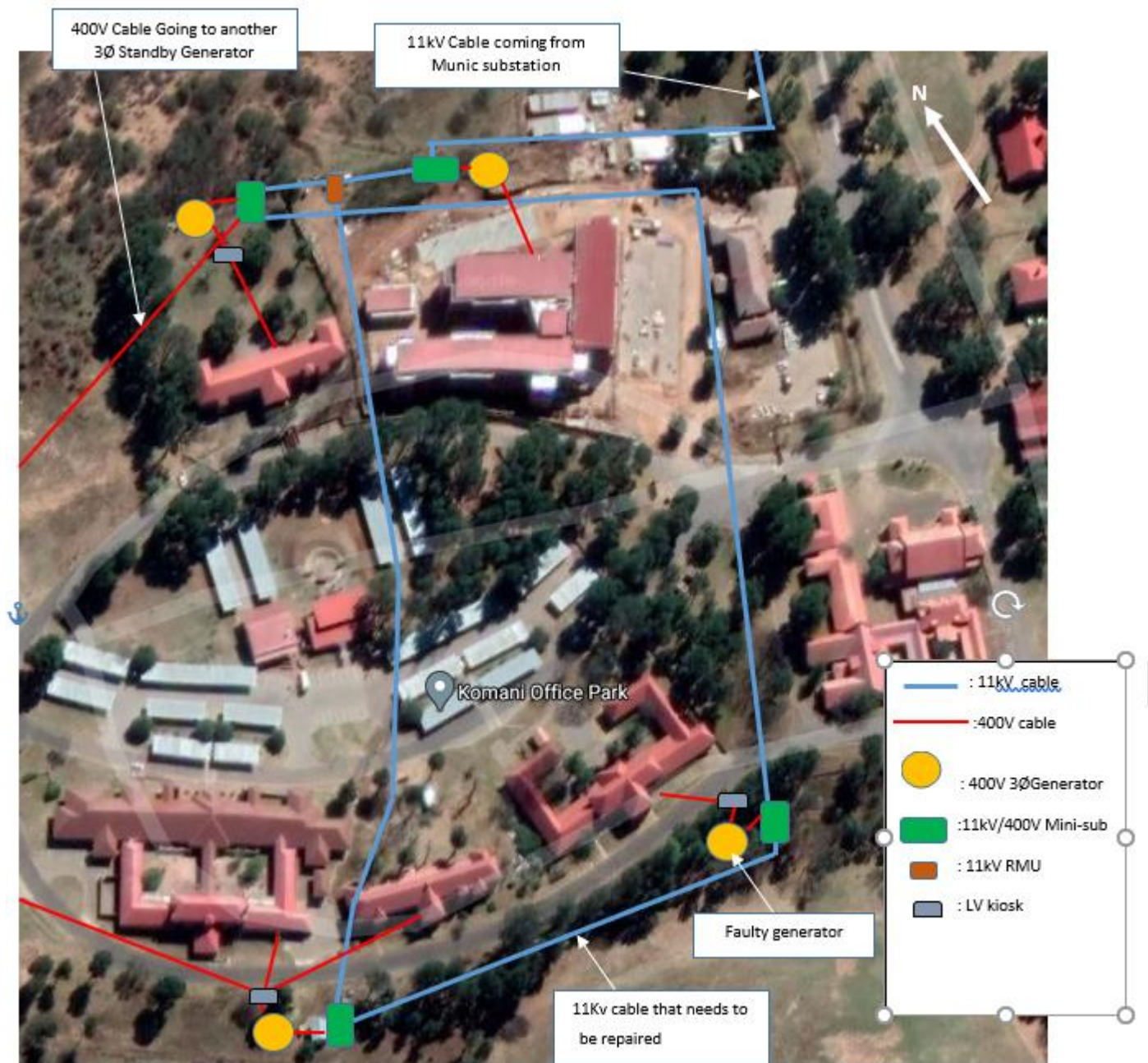


Figure 1: Komani Office park Electrical network

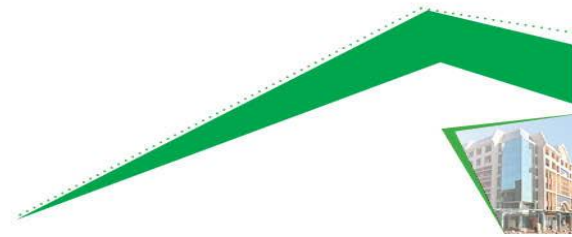


Figure 2: Faulty Generator



Figure 3: Control panel of the generator

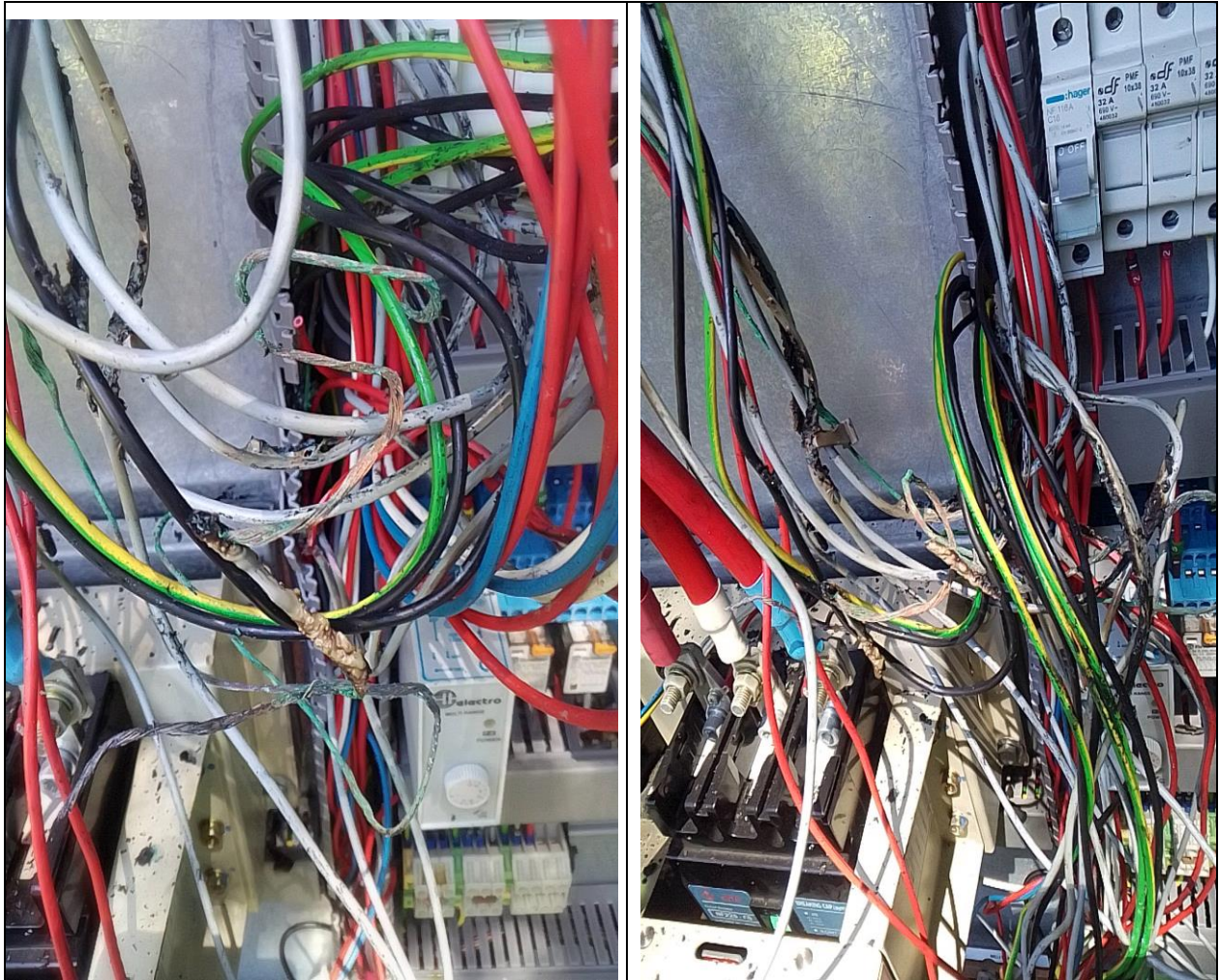
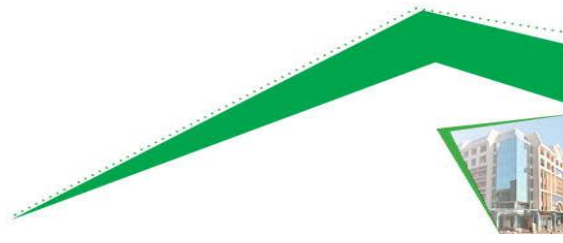


Figure 4: Burned wires inside the control panel

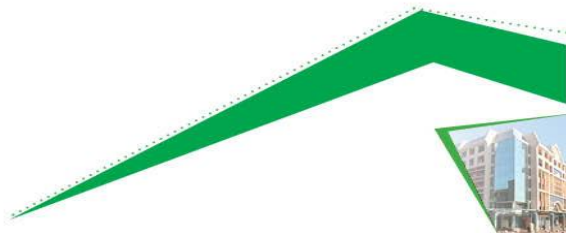


Figure 5: Faulty Automatic Transfer Switch