



ERRATUM

PROJECT DESCRIPTION: SCMU5-AN26/27-0006: "Two- Year Term contract for servicing, repairs and maintenance of mechanical equipment for Department of Social Development in Alfred Nzo District"

REASONS FOR ERRATUM

1. For Air conditioners:

Due to the fact that, our District has VRV (Variant Refrigerant Volume) air conditioning system which then requires a specialist that has SARACCA registration or SAQCC Gas certificate to work on them.

2. For Generators

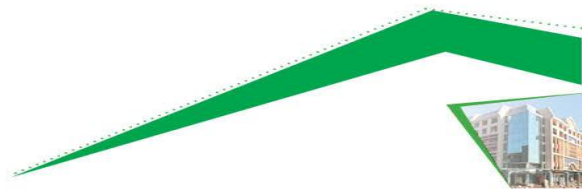
We are dealing with 3 phase electricity, hence an Electrical trade test with Wireman's license card is required, and so that they may issue a COC (certificate of compliance) when necessary.

NB: Please Note that the closing date has been extended to the 12 OCTOBER 2026

Currently advertised on the tender document	New conditions changed
12. For Servicing and repairs of Generators 1. A copy of a Diesel mechanic Trade test or Electro-mechanic trade certificate and 2. A copy of confirmation of employment letter for current employment & previous employment/s (stating start & end date)	12.a) for Servicing and repairs of generators 1. A copy of a Diesel mechanic Trade test certificate or Electro- mechanic trade certificate, or 2. A copy of electrical Trade test with Wireman's license card and 3. A copy of confirmation of employment letter for current employment & previous employment/s (stating start & end date)
12. For Servicing and repairs to Air conditioners 1. A copy of trade test certificate for Refrigeration and Air conditioning mechanic and 2. A copy of confirmation of employment letter for current employment & previous employment/s (stating start & end date)	a) For Servicing and repairs to Air conditioners 1. A copy of relevant Mechanical Engineering/ HVAC & Refrigeration degree/ diploma with SARRACA certificate or SAQCC Gas certificate, or 2. A copy of trade test certificate for Refrigeration and Air conditioning mechanic (Industrial) with SARRACA training or SAQCC Gas 3. A copy of confirmation of employment letter for current employment & previous employment/s (stating start & end date).

NB: As per Evaluation & Functionality on Page 15-17 (Item No 1 on Qualifications) these changes have been made. Additional Qualifications have been added AND Registration at SARACCA OR SAQCC GAS is also required. ONLY PAGES 15-17 THAT HAVE BEEN CHANGED IF PRINTED ALREADY DO NOT PRINT THE DOCUMENT ONLY THOSE PAGES





TENDER

**TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE
OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN
ALFRED NZO DISTRICT**

SCMU5-AN26/27-0006

NAME OF COMPANY:

CSD Nr:

CRS Nr (CIDB):

CLOSING DATE: 07 OCTOBER 2026

TIME: 11:00 am

**Department of PUBLIC WORKS &
INFRASTRUCTURE**

Corner of Nkosi Senyukele Jojo & Ngqubusini off
Ntsizwa Street.
Mount Ayliff

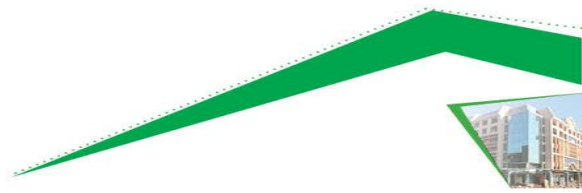
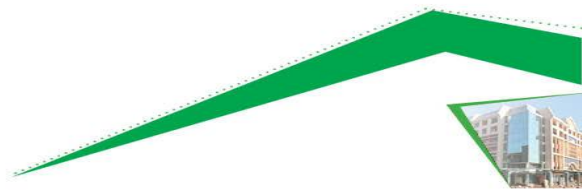


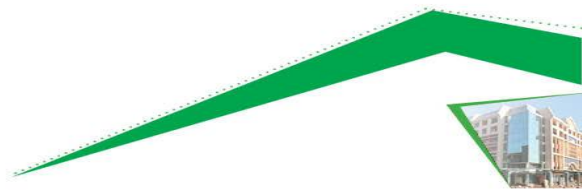
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PART T1

TENDERING PROCEDURES



T1.1 Tender Notice and Invitation to Tender

The Eastern Cape Department of Public Works and Infrastructure invites contractors with a CIDB Grading of **3ME OR HIGHER** in the following Class of works (**3ME OR HIGHER**) to tender for the **“TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT”**. The contract will be based on the NEC3 Term Service Contract (April 2013) and the Eastern Cape Public Works and Infrastructure will enter into a contract with the successful tenderer.

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

Bid documents are downloadable free of charge from Department of Public Works and Infrastructure website (www.ecdpw.gov.za/tenders) or from National Treasury's tender portal (<http://www.etender.gov.za/content/advertised-tenders>). Bid documents will be available on **04 September 2026**. No bid documents will be available at departmental offices.

No pre-tender briefing session will be held, and any queries regarding the tender can be directed to the relevant officials as per the contact details provided. The responses to any questions of clarity regarding the tender will be distributed to all bidders.

Queries relating to the issue of these documents may be addressed in writing to **Ms. N. Mpiti**- email: Namhla.mpiti@ecdpw.gov.za **Technical enquiries:** may be addressed in writing to **Ms. S. Ngudle**– email: Sihle.ngudle@ecdpw.gov.za

The closing time for receipt of tenders by the ECDPWI is **11:00am on 07 OCTOBER 2026** Telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted. Bids must be submitted in sealed envelopes clearly marked **“SCMU5-AN26/27-0006”: TWO-YEAR TERM CONTRACT OF SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT** must be deposited in the bid box, Corner of Nkosi Senyukele & Ngqubusini Street, Mount Ayliff 4735.

Bidders 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 tender documentation that is issued. Tenderers must be registered on the National Treasury Central Supplier Data Base and proof of registration must be submitted with the proposal (<https://secure.csd.gov.za>). Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

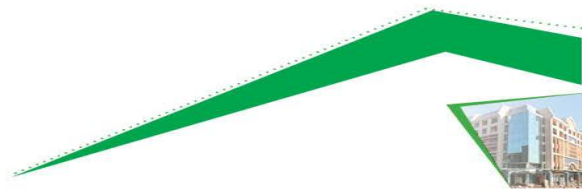
B. BID EVALUATION:

This bid will be evaluated in Three (3) phases as follows:

Phase One: Compliance, responsiveness to the bid rules and conditions, thereafter

Phase Two: Functionality - the minimum threshold to be further evaluated is 70 on the requirements

Phase Three: Bidders passing the above phases will thereafter be evaluated on PPPFA of 2022 and its regulations.



PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT (PPPFA) POINTS WILL BE AWARDED AS FOLLOWS:

Maximum points on price	-	80 points
Maximum points for specific goals	-	20 points
Maximum points	-	100 points

Please note:

1. Bidders need to complete and sign SBD 6.1 to claim points for specific goals. Failure will lead in non-awarding of points for specific goals
2. The Department intends to award this to the highest point scorer as whole, unless circumstances justifies otherwise
3. When evaluating bids/quotations of joint ventures/consortia, preference points must be allocated proportionately for such bidders in terms of their attributes or qualification for the relevant specific goal that is being scored, subject to the joint venture/consortium submitting the relevant proof of substantiation of points claimed as stipulated in the bidding documents. The points scored for the specific goals must then be added to the points scored for price and rounded off to the nearest two decimal points." A JV/consortia agreement must be submitted with the bid to substantiate the calculations. Failure will also lead in non-awarding of points for specific goals.
4. All information will be verified through CSD (where applicable)
5. A Cipro certificate (CK) and certified ID copy/s must be attached as proof of ownership to claim points for specific goals
6. SBD 6.1 is attached

C. BID SPECIFICATIONS, CONDITIONS AND RULES

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

The specifications, rules, special conditions of bid, evaluation criteria, and other bid conditions are detailed in the document.

The Department of Public Works and Infrastructure SCM policy applies.

Tender validity period is **120 days**.

D. TENDER SUBMISSIONS:

Bids must be submitted in sealed envelopes clearly marked "**SCMU5-AN26/27-0006**": **TWO-YEAR TERM CONTRACT OF SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT**

must be deposited in the bid box, at Block A, Department of Public Works & Infrastructure, Corner of Nkosi Senyukele & Ngqubusini Street, Mount Ayliff 4735.

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

• **SCM RELATED ENQUIRIES**

Ms. N. Mpiti

Tel No: **082 304 0403**

Email Address: Namhla.mpiti@ecdpw.gov.za

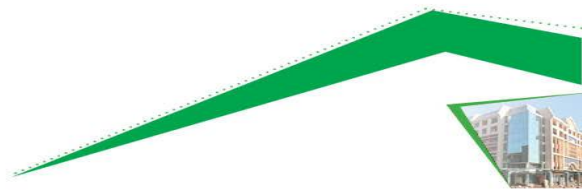
TECHNICAL ENQUIRIES

Miss S. Ngudle

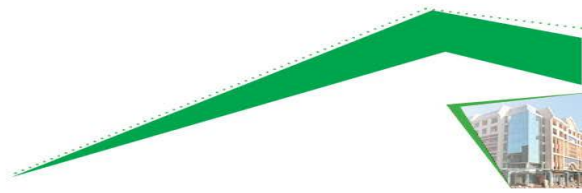
Tel No: **071 481 5913**

Email Address: Sihle.Ngudle@ecdpw.gov.za

FOR COMPLAINTS, FRAUD, & TENDER ABUSE: Call: 0800 701 701

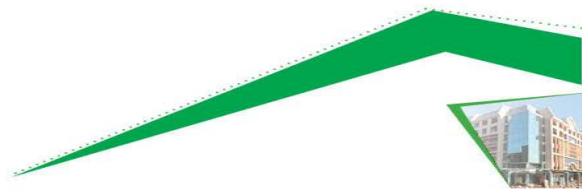


PART T1.2: TENDER DATA

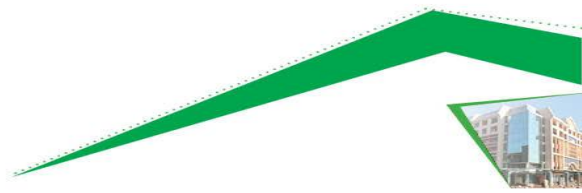


T1.2 Tender Data

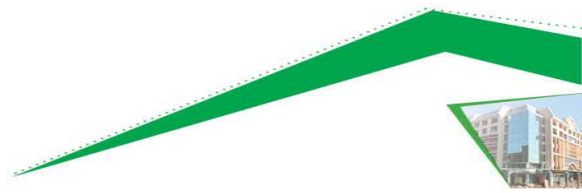
The conditions of tender are the latest edition of SANS 10845-3, *Standard conditions of tender*. SANS 10845-3 makes several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency 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.



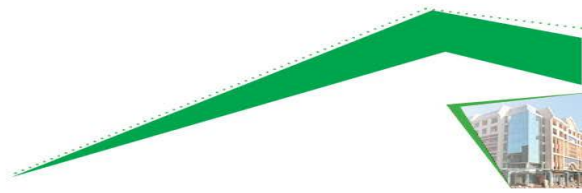
Clause number	Tender Data
3.1	The Employer is Public Works and Infrastructure
3.2	The tender documents issued by the employer comprise the following documents: THE TENDER Part T1: Tendering procedures T1.1 - Tender notice and invitation to tender T1.2 - Tender data Part T2: Returnable documents T2.1 - List of returnable documents T2.2 - Returnable schedules THE CONTRACT Part C1: Agreements and Contract data C1.1 - Form of offer and acceptance C1.2 - Contract data C1.3 - Dispute Resolution Mechanism Part C2: Pricing data C2.1 - Pricing Instructions C2.2 - Bills of Quantities Part C3: Scope of work C3 - Scope of work Part C4: Site information C4 - Site information
3.3	The tender documents issued by the employer comprise the documents listed on the contents page
3.4	The employer's agent is: Name: Ms. N. Mpiti, Department of Public Works and Infrastructure Cnr Nkosi Senyukele & Ngqubusini Street Tel No: 082 304 0403 Email Address: Namhla.mpiti@ecdpw.gov.za
3.5	The language for communications is English
3.6	The competitive negotiation procedure shall be applied.
3.7	Method 3: Two (3) stage procurement procedure shall be applied.
4	Tender's obligations
4.1	The following tenderers who are registered with the CIDB, or are capable of being so registered prior to the evaluation of submissions, are eligible to have their tenders evaluated: a) contractors who have a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) of 25(7A) of the Construction Industry Development Regulations, for a CIDB Grade 3ME OR HIGHER class of construction work; and Joint ventures are eligible to submit tenders provided that: - every member of the joint venture is registered with the CIDB; in GB class of works. - the lead partner has a contractor grading designation in the CIDB Grade 3ME OR HIGHER class of construction work; and - the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a CIDB Grade 3ME OR HIGHER class of construction work or a value determined in accordance with Regulation 25 (1B) of 25(7A) of the Construction Industry Development Regulations.



	4. Joint Venture Agreement.
4.2	The employer will compensate the tender as follows as per the conditions of the Form of Contract signed . The employer will not compensate the tenderer for any costs incurred in attending interviews or making any submissions in the office of the employer.
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.
4.7	The arrangements for a compulsory clarification meeting are as stated in the Tender Notice and Invitation to Tender. N/A Tenderers must sign the attendance list in the name of the tendering entity. Addenda will be issued to and tenders will be received only from those tendering entities appearing on the attendance list. N/A Tender documents will not be made available at the clarification meeting. N/A (No Briefing)
4.8	Seek clarification <i>Request clarification of the tender documents, if necessary, by notifying the employer at least 5 (Five) working days before the closing time stated in the tender data.</i>
4.9	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	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.
4.11	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 3.5, 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: Location of tender box: Department of Public Works & Infrastructure Physical address: Cnr Nkosi Senyukele & Ngqubusini street, Mount Ayliff Identification details: SCMU5-AN26/27-0006: TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT Closing date and time: 07 October 2026 at 11:00AM
4.13.5	The tenderer is required to submit with his tender the following certificates: 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. <i>In the case of a Joint Venture/Consortium/Sub-contractors each party must submit a separate CSD report showing, amongst other things, that tax matters of the service provider are in order the South African Revenue Services.</i> 2) CIDB Grading certificate or CRS number.
4.13.6	A two-envelope procedure will not be required.
4.13.7	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	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.
4.15.1	The tender offer validity period is 120 days . 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.
4.15.2	Placing of contractors under restrictions / withdrawal of tenders 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. 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.
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 policy
5	Employer's undertakings
5.1	The Employer will respond to requests for clarification received up to Five (5) working days before the tender closing time. 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.
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	Determine, after opening and before detailed evaluation, whether each tender offer that was properly received a) complies with the requirements of the standard conditions of tender in this part of SANS 10845, b) has been properly and fully completed and signed, and c) is responsive to the other requirements of the tender documents. 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 d) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the scope of work, e) significantly change the employer's or the tenderer's risks and responsibilities under the contract, or f) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified. 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.
5.6	Arithmetical errors, omission and discrepancies 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. For Vat related discrepancies, National and Provincial Treasury prescripts in relation to VAT procedures apply.
5.7.1	The financial offer will be reduced to a comparative basis using the Tender Assessment Schedule.

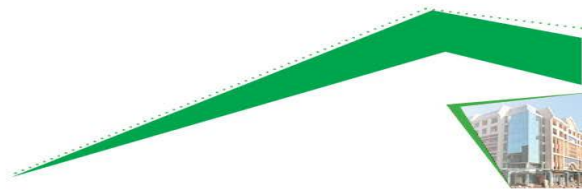
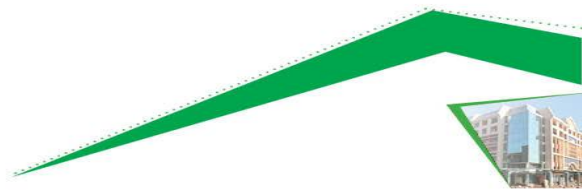


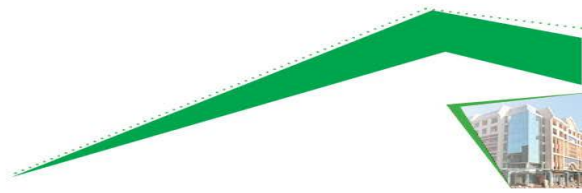
	Table F.1: Formulae for calculating the value of A <table> <tr> <th>Formula</th> <th>Comparison aimed at achieving</th> <th>Option 1^a</th> <th>Option 2^a</th> </tr> <tr> <td>1</td> <td>Highest price or discount</td> <td>$A = \left(1 + \frac{(P - P_m)}{P_m} \right)$</td> <td>$A = P / P_m$</td> </tr> <tr> <td>2</td> <td>Lowest price or percentage commission / fee</td> <td>$A = \left(1 - \frac{(P - P_m)}{P_m} \right)$</td> <td>$A = P_m / P$</td> </tr> <tr> <td colspan="4"> ^a P_m is the comparative offer of the most favourable comparative offer. P is the comparative offer of the tender offer under consideration. </td> </tr> </table>	Formula	Comparison aimed at achieving	Option 1 ^a	Option 2 ^a	1	Highest price or discount	$A = \left(1 + \frac{(P - P_m)}{P_m} \right)$	$A = P / P_m$	2	Lowest price or percentage commission / fee	$A = \left(1 - \frac{(P - P_m)}{P_m} \right)$	$A = P_m / P$	^a P_m is the comparative offer of the most favourable comparative offer. P is the comparative offer of the tender offer under consideration.			
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^a P_m is the comparative offer of the most favourable comparative offer. P is the comparative offer of the tender offer under consideration.																	
5.7.2	The procedure for the evaluation of responsive tenders is Method 3: Administrative, Functionality, Price and Preference Phase 1: Compliance, responsiveness to the bid rules and conditions, thereafter Phase 2: Bidders passing phase one above will thereafter be evaluated on functionality Phase 3: Bidders passing the above phases will thereafter be evaluated on PPPFA of 2022 and its regulations.																
	1. <u>PHASE ONE: RESPONSIVENESS TO THE BID REQUIREMENTS AND RULES</u> A. Bidders’ proposals must meet the following minimum requirements and supporting documents must be submitted with the completed bid 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. Bid Document (This 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. Bidder must be registered with CIDB in the correct grading and class of works as per the tender notice and requirements. And must the status on CIDB be active during award stage. It is the responsibility of the bidder to keep the status on CIDB active throughout bidding process (advert till award stage).																
	4. Bidders must be a legal entity or partnership or consortia. 5. Form of offer and Acceptance (fully completed and signed). <i>The amount reflected on the Form of Offer and Acceptance takes precedence over any other total amount indicated elsewhere in tenderer’s tender submission. If the Form of Offer and Acceptance has no value or figure, the tenderer will be regarded as having made no offer. If the Bid Sum (amount in words) differ from the Bid Sum (amount in figures), the Bid Sum (amount in words) will govern.</i> 6. SBD4 must be duly completed and signed. 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, such interest must be disclosed on question 2.4.1 7. Compulsory Enterprise Questionnaire (Completed and signed) (JV partners must complete separate Questionnaire forms and submit). 8. If the offer is “Vat Inclusive”, the VAT registration number of service provider must be indicated and if a service provider is not a VAT Vendor but include VAT in its prices, the successful service provider will be given 21 days to register as a VAT Vendor with SARS, after the issuing of an appointment letter. If a bidder is a VAT vendor/registered, the bidder is required to explicitly state the VAT amount. VAT vendors must include VAT at 15% in the bid offer(s). 9. Resolution to Sign (if applicable)																



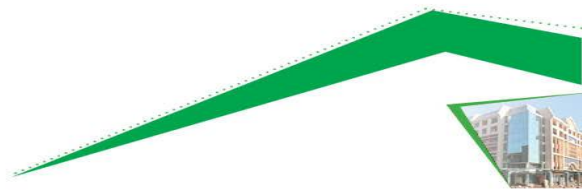
10. This tender will be awarded as a whole. All trades listed in the Bills of Quantities or Pricing schedule must be priced for (except provisional sums and allowances), failure to do so will result increase commercial risk of the bid and may lead to elimination or passing over of the bidder.
11. Only one offer per bidder is allowed and alternative offers will not be considered. If more than one offer is received, none of the offers will be considered.
12. **The bidder must submit the following qualifications either for the Director or the employee of the company:**
 - a) For Servicing and repairs to generators**
 1. A copy of a Diesel mechanic Trade test certificate or Electro- mechanic trade certificate and
 2. A copy of confirmation of employment letter for current employment & previous employment/s (Stating start & end date)
 3. A copy of confirmation of employment letter for current employment & previous employment/s (stating start & end date)
 - b) For Servicing and repairs to Air conditioners**
 1. A copy of relevant Mechanical Engineering/ HVAC & Refrigeration degree/ diploma with SARACCA certificate or SAQCC Gas certificate ,or
 2. A copy of trade test certificate for Refrigeration and Air conditioning mechanic (Industrial) with SARACCA certificate or SAQCC Gas, and
 3. A copy of confirmation of employment letter for current employment & previous employment/s (stating start & end date)

B. Other Conditions of bid (Non eliminating unless expressly mentioned in the document):

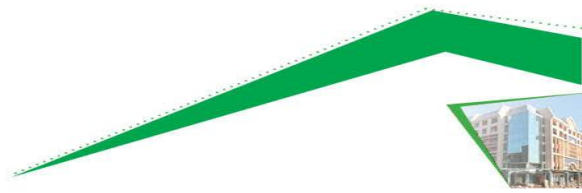
1. DPWI Policy applies.
2. Returnable Schedule: SBD1-Invitation to bid must be completed and signed
3. The bidder must be registered on the Central Supplier Database (CSD) prior the award
4. All bidders' tax matters must be in order prior award. Bidders' tax matters will be verified through CSD.
5. Declaration of Employees of the State or other State Institutions.
6. Bidders must submit a minimum of three (3) written contactable references for projects successfully completed in the past (clearly indicating client name, contract value, contract term, contact person, contact details). Refer to Annexure I. This is not an elimination factor, but important for the department to make a decision. Unless it is used for Quality/functionality Points.
7. Bidders must submit a list of projects where he or she has submitted tender offers but tender results have not been confirmed by the client. Refer to Annexure L. This is not an elimination factor, but important for the department to make a decision. Unless it is used for Quality/functionality Points.
8. Bidders must submit their company profiles, list of available resources, plant and machinery and any other additional capacity with the bid. Refer to Annexure K and H. This is not an elimination factor, but important for the department to make a decision. Unless it is used for Quality/functionality Points.
9. The bidder must also list all projects where there are pending litigations or litigations have been concluded. The form for this is also attached after Annexure J.
10. The Department will contract with the successful bidder by signing a formal contract.
11. This tender 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 also need to be added to the total), failure to do so will increase commercial risk of the bid and may lead to elimination or passing over of the bidder.
12. 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.
13. DPWI Policy applies.
14. Protection of personal information: Consent (POPIA)



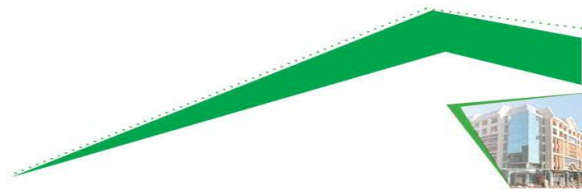
	15. An awarded bidder must submit a written contract between the awarded bidder and the Schindler Lift company within 21 days of award.															
	16. The successful tenderer (after being informed) will be required to bring along an unsigned copy of the form of contract to be signed by parties (e.g. NEC3 Term Service Contract (April 2013))															
	2. <u>PHASE TWO: EVALUATION ON FUNCTIONALITY</u> The evaluation criteria and maximum score in respect of each of the criteria are given hereunder. <i>A Tender scoring an average score below 70 points in Functionality points will be considered as DISQUALIFIED for evaluation and will be discarded from any further evaluation.</i> <table><tr><th>Quality criteria</th><th>Evaluation schedule</th><th>Maximum number of points</th></tr><tr><td>Expertise of key personnel</td><td>Schedule 1</td><td>35</td></tr><tr><td>Relevant project experience</td><td>Schedule 2</td><td>40</td></tr><tr><td>Project reference</td><td>Schedule 3</td><td>25</td></tr><tr><td>Maximum possible score for functionality (M_s)</td><td></td><td>100</td></tr></table> Functionality shall be scored by not less than three evaluators in accordance with the above-mentioned schedules:	Quality criteria	Evaluation schedule	Maximum number of points	Expertise of key personnel	Schedule 1	35	Relevant project experience	Schedule 2	40	Project reference	Schedule 3	25	Maximum possible score for functionality (M_s)		100
Quality criteria	Evaluation schedule	Maximum number of points														
Expertise of key personnel	Schedule 1	35														
Relevant project experience	Schedule 2	40														
Project reference	Schedule 3	25														
Maximum possible score for functionality (M_s)		100														



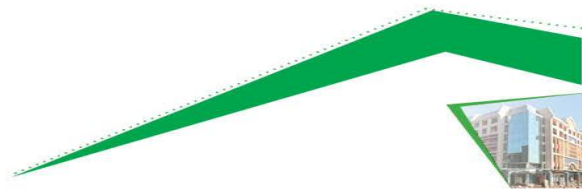
BID EVALUATION CRITERIA	SCALE /SCORE (A)	WEIGHT (B)	TOTAL (MAX) POINTS (C)
EXPERTISE OF KEY PERSONNEL (QUALIFICATIONS & CONFIRMATION OF EMPLOYMENT LETTERS STATING START & END DATES)- 35 POINTS. Breakdown of Points: (a) Has Mechanic Engineering/HVAC & Refrigeration related degree/diploma with SARACCA OR SAQCC Gas or (b) Has Refrigeration and Air conditioning mechanic trade certificate with SARACCA or SAQCC Gas and (c) Has Diesel mechanic Trade test certificate OR Electro-mechanic certificate OR (d) Has electrical Trade test certificate with Wireman's license card			
Attach a certified copy of competent Mechanical Engineering/ HVAC Refrigeration with SARACCA or SAQCC or Trade test certificate for Refrigeration and Air conditioning mechanic (Industrial) with SARACCA or SAQCC Gas. And Diesel mechanic trade test certificate or Electro mechanic trade certificate OR Electrical Trade test Certificate with Wireman's license card in area/s of entity's speciality with a minimum of 7 years' experience.	5	7	35
Attach a certified copy of competent Mechanical Engineering/ HVAC Refrigeration with SARACCA or SAQCC or Trade test certificate for Refrigeration and Air conditioning mechanic (Industrial) with SARACCA or SAQCC Gas. And Diesel mechanic trade test certificate or Electro mechanic trade certificate OR Electrical Trade test	4	7	28



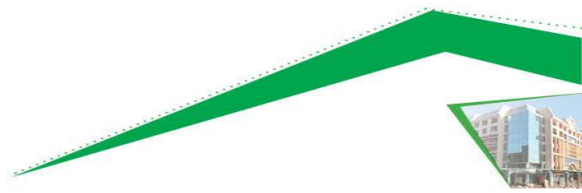
	Certificate with Wireman's license card in area/s of entity's speciality with a minimum of 5 years' experience. - Attach a certified copy of competent Mechanical Engineering/ HVAC Refrigeration with SARACCA or SAQCC or Trade test certificate for Refrigeration and Air conditioning mechanic (Industrial) with SARACCA or SAQCC Gas. And Diesel mechanic trade test certificate or Electro mechanic trade certificate OR Electrical Trade test Certificate with Wireman's license card in area/s of entity's speciality with a minimum of 2 years' experience. - None or partial submission of any above or incompatibility with the above categories.	3	7	21
		0	7	0
	1. RELEVANT PROJECT EXPERIENCE - PROOF OF MAINTENANCE EXPERIENCE RELATED TO THE SCOPE OF WORK (LETTER OF AWARD & COMPLETION CERTIFICATE) 40 POINTS. <u>Breakdown of Points:</u> Contractor must have been responsible for maintenance of HVAC equipment for at least 7 years or more. Attach an Appointment letter & completion certificate for 3 projects or more	5	8	40
	Contractor must have been responsible for maintenance of HVAC equipment for at least 5 years or more. Attach an Appointment letter &	4	8	32



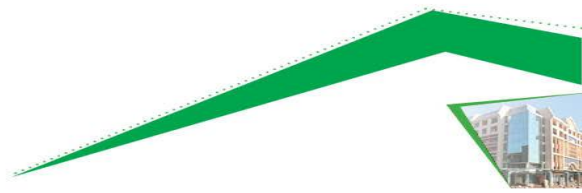
completion certificate for 3 projects or more Contractor must have been responsible for maintenance of HVAC equipment for at least 2 years or more. Attach an Appointment letter & written completion certificate for 3 projects or more Contractor that has not done any HVAC maintenance or did not submit any Appointment letter & written 3 letters of completion for 3 projects or more	1	8	8						
	0	8	0						
2. PROJECT REFERENCES– PROOF OF PAST PERFORMANCE (Attach the project references from Previous project managers, stamped, signed by Project Manager and submit with this bid)-25 POINTS <u>Breakdown of Points:</u> - Bidder scoring/rated maximum points in all categories in the past 3 projects of similar nature or size. - Bidder scoring/ rated high points in some areas in all categories in the past 2 projects of similar nature or size. - Bidder scoring/ rated relatively high points in some areas in all categories in the past 1 project of similar nature or size. - Bidder scoring/ rated relatively average or poor points in some areas or all areas in all categories in the past projects of similar nature or size.	5	5	25						
	4	5	20						
	3	5	15						
	0	5	0						
The minimum number of evaluation points for quality is 70. Total (Max) Points (C) is calculated by multiplying the Scale/Score (A) by the Weight (B): A x B = C. <table><tr><th>Score (Points)</th><th>Prompt for judgement</th></tr><tr><td>0-29</td><td>Failed to address the questions / issues.</td></tr><tr><td>30-49</td><td>A detrimental response / answer / solution – limited or poor evidence of skill / experience sought or high risk that relevant skills will not be available.</td></tr></table>				Score (Points)	Prompt for judgement	0-29	Failed to address the questions / issues.	30-49	A detrimental response / answer / solution – limited or poor evidence of skill / experience sought or high risk that relevant skills will not be available.
Score (Points)	Prompt for judgement								
0-29	Failed to address the questions / issues.								
30-49	A detrimental response / answer / solution – limited or poor evidence of skill / experience sought or high risk that relevant skills will not be available.								



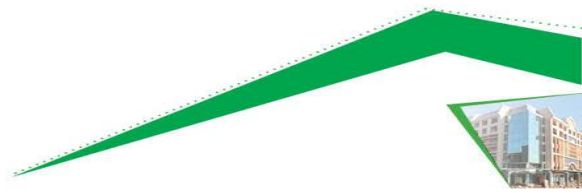
	<table><tr><td>50-59</td><td>Less than acceptable – response / answer / solution lacks convincing evidence of skill / experience sought or medium risk that relevant skills will not be available.</td></tr><tr><td>70-79</td><td>Acceptable response – answer / solution to the particular aspect of the requirements and evidence given of skill / experience sought are convincing.</td></tr><tr><td>80-89</td><td>Above acceptable – response / answer / solution demonstrating real understanding of requirements and evidence of ability to meet it.</td></tr><tr><td>90-100</td><td>Excellent – response / answer / solution gives real confidence that the bidder will add real value.</td></tr></table>	50-59	Less than acceptable – response / answer / solution lacks convincing evidence of skill / experience sought or medium risk that relevant skills will not be available.	70-79	Acceptable response – answer / solution to the particular aspect of the requirements and evidence given of skill / experience sought are convincing.	80-89	Above acceptable – response / answer / solution demonstrating real understanding of requirements and evidence of ability to meet it.	90-100	Excellent – response / answer / solution gives real confidence that the bidder will add real value.
50-59	Less than acceptable – response / answer / solution lacks convincing evidence of skill / experience sought or medium risk that relevant skills will not be available.								
70-79	Acceptable response – answer / solution to the particular aspect of the requirements and evidence given of skill / experience sought are convincing.								
80-89	Above acceptable – response / answer / solution demonstrating real understanding of requirements and evidence of ability to meet it.								
90-100	Excellent – response / answer / solution gives real confidence that the bidder will add real value.								
The scores of each of the evaluators will be averaged, weighted and then totalled to obtain the final score for quality.									
3. <u>PHASE THREE: EVALUATION POINTS ON PPPFA OF 2022 AND ITS REGULATIONS</u> The 80/20 preference point system shall be applied for the purposes of this bid as per the requirements of the <i>Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000)</i> and Preferential Procurement Regulations 2022 (Price and Specific Goals). <table><tr><td>Criteria</td><td>Points</td></tr><tr><td>POINTS ON PRICE</td><td>80</td></tr><tr><td>SPECIFIC GOALS</td><td>20</td></tr><tr><td>TOTAL</td><td>100</td></tr></table> The 80/20 preference point system for acquisition of services, works or goods not exceeding Rand value of R50 million: (a) The following formula must be used to calculate the points for price in respect of tenders (including price quotation) with a Rand value equal to, or above R 30 000 and up to Rand value of R 50 000 000 (all applicable taxes included): The financial offer will be scored using the following formula: $A = (1 - \frac{(P - P_m)}{P_m})$ The value of value of W_1 is: 1) 90 where the financial value inclusive of VAT of all responsive tenders received have a value in excess of R50 000 000 or 2) 80 where the financial value inclusive of VAT of one or more responsive tender offers have a value that equals or is less than R 50 000 000 .		Criteria	Points	POINTS ON PRICE	80	SPECIFIC GOALS	20	TOTAL	100
Criteria	Points								
POINTS ON PRICE	80								
SPECIFIC GOALS	20								
TOTAL	100								
5.7.3	The procedure for the evaluation of responsive tenders is Method 3 (Administrative, functionality, price and preference)								
5.7.4	The quality criteria and maximum score in respect of each of the criteria are as follows: N/A								
5.7.5	Each evaluation criteria will be assessed in terms of five indicators – N/A								
5.7.6	The prompts for judgment and the associated scores used in the evaluation of quality shall be as follows: N/A								
5.8	Tender offers will only be accepted if:								



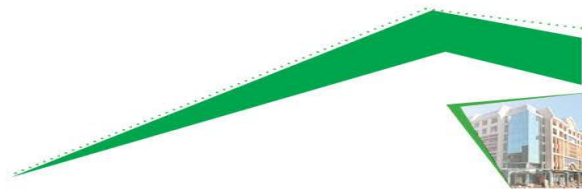
	a) the tenderer is registered on the Central Supplier Database (CSD) for the South African government (see https://secure.csd.gov.za/) unless it is a foreign supplier with no local registered entity b) the tenderer is in good standing with SARS according to the Central Supplier Database. Bidders must submit a CSD no. or tax status compliance pin. c) 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 policy. d) the tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation; e) the tenderer or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector. f) the tenderer has not: i) abused the Employer's Supply Chain Management System; or ii) failed to perform on any previous contract and has been given a written notice to this effect. g) the tenderer has completed the Compulsory Declaration and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process.
	h) the tenderer has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process and persons in the employ of the state are permitted to submit tenders or participate in the contract; i) Bids which are late, incomplete, unsigned or submitted by facsimile or electronically will not be accepted. j) the tenderer is registered and in good standing with the compensation fund or with a licensed compensation insurer; k) The tenderer undertakes to maximize the sourcing of building material or infrastructure input material from Eastern Cape based suppliers or manufacturers. l) the employer is reasonably satisfied that the tenderer has in terms of the Construction Regulations, 2014, issued in terms of the Occupational Health and Safety Act, 1993, the necessary competencies and resources to carry out the work safely. m) 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. n) A Resolution of signatory form has been completed and signed by director/s or a letter bearing a letterhead of the tenderer has been attached (specific to this bid) to the bid submission; it must be duly signed by all directors and submitted the bid. Only a duly authorized official can sign the bid. o) Prospective bidders must register on CSD prior submitting bids (open tenders). Any prospective bidder found to have Tax matters not in order with SARS (verified through CSD) during the evaluation process (after being given an opportunity to rectify tax matters) will be eliminated and not be considered further in the process. Preferred bidder/s will be afforded an opportunity to rectify their tax affairs within 7 days. A bidder that fails to rectify its tax matters with SARS will be eliminated. p) NOTE: 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



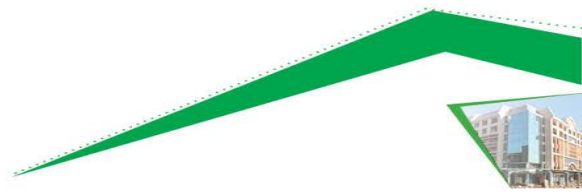
	Offer and Acceptance has no value or figure, the bidder will be regarded as having made no offer. q) The department reserves the right not to award the bid to the most favourable tenderer, if any of the situations occur: if it is not assisting in the advancement of designated groups; risk profile of the favourable firm is too high; the bidder has been awarded a considerable number of projects by the department or provincial government; has performed unsatisfactorily in the past, etc.
5.9	The number of paper copies of the signed contract to be provided by the employer is 1 .
	The additional conditions of tender are: 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.
T.2.1	A. List of returnable documents
1	Documentation to demonstrate eligibility to have tenders evaluated i.e. List all documentation to demonstrate eligibility to have a submission evaluated. Appropriate CIDB grading suitable for the works (as stated in 4.1).
2	Returnable Schedules required for tender evaluation purposes The tenderer must fully and appropriately complete and sign the following returnable schedules as relevant: - Record of Addenda to Tender Documents - Proposed amendments and qualifications - Compulsory Enterprise Questionnaire (In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted). - SBD 1, 4, 6.1. - Protection of personal content: Consent - Form of Offer and Acceptance - Complete priced Bills of Quantities, including Final Summary - Certificate of Authority for Joint Ventures
3	Other documents required for tender evaluation purposes The tenderer must provide the following returnable documents: - A CSD Report for a contractor with valid and correct information. - A letter of good standing from the Compensation Fund or a licensed insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993 (Act No. 130 of 1993)
4	Returnable Schedules that will be used for tender evaluation purposes and be incorporated into the contract The tenderer must complete the following returnable documents: A duly completed form of Offer and Acceptance (and any revision of prices if there are any).
5	Only authorized signatories may sign the original and all copies of the tender offer where required. In the case of a ONE-PERSON CONCERN submitting a tender, this shall be clearly stated. In the case of a COMPANY submitting a tender, include a copy of a resolution by its board of directors authorizing a director or other official of the company to sign the documents on behalf of the company.



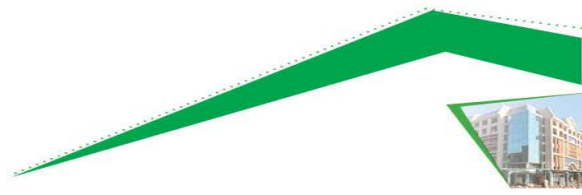
	In the case of a CLOSE CORPORATION submitting a tender, include a copy of a <u>resolution by its members</u> authorizing a member or other official of the corporation to sign the documents on each member's behalf. In the case of a PARTNERSHIP submitting a tender, all the partners shall sign the documents, unless one partner or a group of partners has been authorized to sign on behalf of each partner, in which case <u>proof of such authorization</u> shall be included in the Tender. In the case of a JOINT VENTURE/CONSORTIUM submitting a tender, include <u>a resolution of each company</u> of the joint venture together with a <u>resolution by its members</u> authorizing a member of the joint venture to sign the documents on behalf of the joint venture. <u>Accept that failure to submit proof of authorization to sign the tender shall result in the tender offer being regarded as non-responsive.</u>
6	Information and data to be completed in all respects Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the employer as nonresponsive.
7	Canvassing and obtaining of additional information by tenderers 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. The Tenderer shall not make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of tenders.
8	Prohibitions on awards to persons in service of the state The Employer is prohibited to award a tender to a person - - who is in the service of the state; or - 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 - a person who is an advisor or consultant contracted with the Department or municipal entity. In the service of the state means to be - - a member of: - - any municipal council; - any provincial legislature; or - the National Assembly or the National Council of Provinces; - a member of the board of directors of any municipal entity; - an official of any Department or municipal entity; - an employee of any national or provincial department; - provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999); - a member of the accounting authority of any national or provincial public entity; or - an employee of Parliament or a provincial legislature. 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.
9	Awards to close family members of persons in the service of the state 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



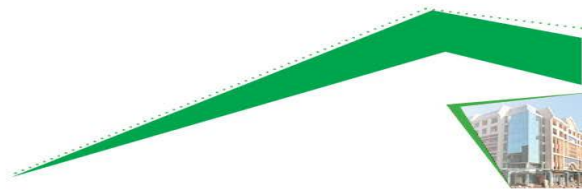
	service of the state (defined in clause 8 above), or has been in the service of the state in the previous twelve months, including - a) the name of that person; b) the capacity in which that person is in the service of the state; and c) the amount of the award. In order to give effect to the above, the 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.
10	Respond to requests from the tenderer The employer will respond to requests for clarification up to 5 (five) working days before the tender closing time.
11	Opening of tender submissions Tenders will be opened immediately after the closing time for tenders
12	Scoring quality / functionality: Yes
13	Cancellation and re-invitation of tenders An organ of state may, prior to the award of the tender, cancel the tender if- (a) due to changed circumstances, there is no longer a need for the services, works or goods requested; or (b) funds are no longer available to cover the total envisaged expenditure; or (c) no acceptable tenders are received. (d) Tender validity period has expired. (e) Gross irregularities in the tender processes and/or tender documents. (f) No market related offer received (after attempts of negotiation processes) 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.
14	Dispute resolution mechanism will be done through the Adjudication route.
15	The department must when be acting against the tenderer or person awarded the contract on a fraudulent basis, considers the provisions of Regulation 14: The remedies provided for in Preferential Procurement Regulations 2022 do not prevent an institution from instituting remedies arising from any other prescripts or contract.
16	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.



PART T2 RETURNABLE DOCUMENTS



PART T2.1: LIST OF RETURNABLE DOCUMENTS



T2.1 List of Returnable Documents

The tenderer must complete the following returnable documents:

1 Returnable Schedules required for quotation evaluation purposes

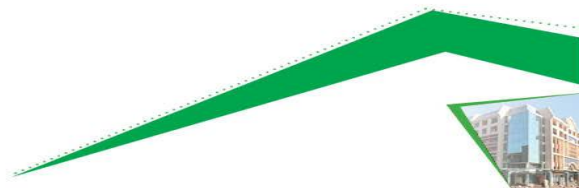
- Compulsory enterprise questionnaire (In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted).
- Record of addenda issued (Only if addenda are issued)
- Certificate of authority for joint ventures (Only where the tender/ quotation is submitted by a joint venture)

2 Other documents required for quotation evaluation purposes

- Form of Offer and Acceptance
- Complete Priced Bills of Quantities & Final Summary

3 Returnable Schedules that will be incorporated into the contract

- Details of the Project Team and CV with Qualifications & Proof of Registration completed for each individual of proposed
- Schedule of Plant and Equipment
- Record of projects: current, past and on tender.
- Project References – at least 3
- SBD 1, 4, 6.1,
- Protection of personal content: Consent
- Subcontract agreement (where applicable) or intent to sub-contract as per requirements.



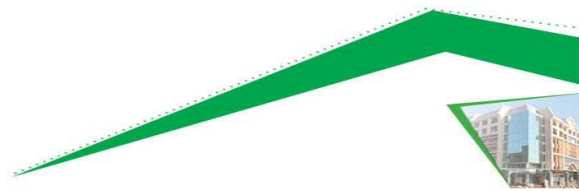
SBD 1

**PART A
INVITATION TO BID**

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE					
BID NUMBER:	SCMU5-AN26/27-0006	CLOSING DATE:	07 OCTOBER 2026	CLOSING TIME:	11:00AM
DESCRIPTION	TWO-YEAR TERM CONTRACT FOR SUPPLY, SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
Bid response documents may be deposited in the bid box situated at Department of Public Works and Infrastructure Alfred Nzo Regional Office, Mount ayliff, Block A, Department of Public Works & Infrastructure, Cnr Nkosi Senyukele & Ngqubusini Street, off Ntsizwa Street, Mt Ayliff, 4735					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Ms. N. Mpiti		CONTACT PERSON	Ms. S. Ngudle	
TELEPHONE NUMBER	082 304 0403		TELEPHONE NUMBER	071 481 5913	
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	namhla.mpiti@ecdpc.gov.za		E-MAIL ADDRESS	Sihle.ngudle@ecdpc.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:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?	☐ Yes ☐ No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]	
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO					
DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO					
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO					
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO					
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? ☐ YES ☐ NO					
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

SBD1

PART B



TERMS AND CONDITIONS FOR BIDDING

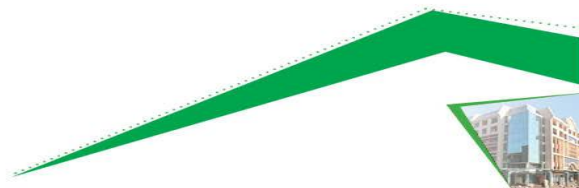
3. BID SUBMISSION:
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 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).
4. TAX COMPLIANCE REQUIREMENTS
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA
2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

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

SIGNATURE OF THE BIDDER:

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

DATE:



Compulsory Enterprise Questionnaire

A

Compulsory Enterprise questionnaire

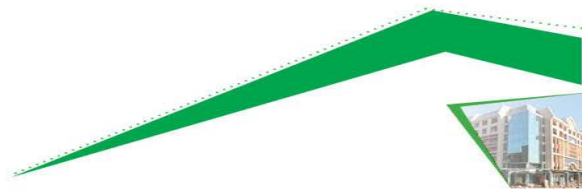
The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.		
Section 1: Name of enterprise:		
Section 2: VAT registration number, if any:		
Section 3: CIDB registration number, if any:		
Section 4: Particulars of sole proprietors and partners in partnerships		
Name*	Identity number*	Personal income tax number*
* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners		
Section 5: Particulars of companies and close corporations		
Company registration number		
Close corporation number Tax reference number		
Section 6: The attached SBD 4 must be completed for each tender and be attached as a tender requirement.		
Section 7: The attached SBD 6.1 must be completed for each tender and be attached as a requirement.		
The undersigned, who warrants that he / she is duly authorized to do so on behalf of the enterprise: i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order; ii) confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004; iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption; iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.		

Signed

Date

Name

Position



BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

- 1.1 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, 1996 (Constitution), and further expressed in the various applicable legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.
- 1.2 If a person is listed in the Register for Tender Defaulters and/or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

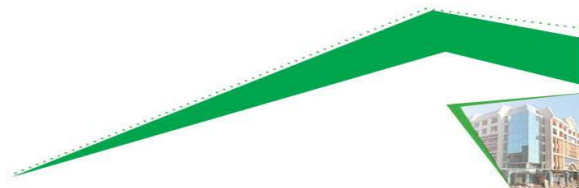
2. DECLARATION ON EMPLOYMENT BY ORGAN OF STATE

- 2.1 Is the bidder, or any of the directors / trustees / shareholders / members / partners of the bidder employed by an organ of state, as defined in section 239 of the Constitution?
YES/NO
- 2.2 If YES, furnish particulars of the names, individual identity numbers, in the table below:

Full Name	Identity Number	Name of organ of state

- 2.3 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

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



2.3.1 If so, furnish particulars:

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

2.4 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

2.4.1 If so, indicate all companies registered in the CSD in the table below:

Supplier registration number (MAAA)	Status (active/inactive/deleted)

Failure to disclose all CSD-registered active companies linked to all Directors will lead to disqualification.

3 GENERAL DECLARATION

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

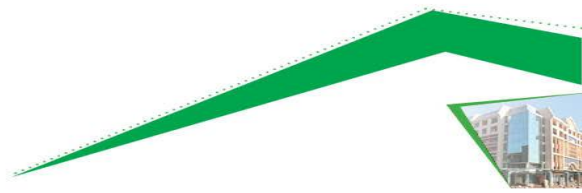
3.1 I have read and I understand the contents of this disclosure.

3.2 I understand that the accompanying bid will be disqualified if this disclosure is found to be false.

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor.

3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder,



directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

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

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

I CERTIFY THAT THE ABOVE IS CORRECT.

I ACCEPT THAT THE PROCURING INSTITUTION MAY REJECT THE BID OR TAKE

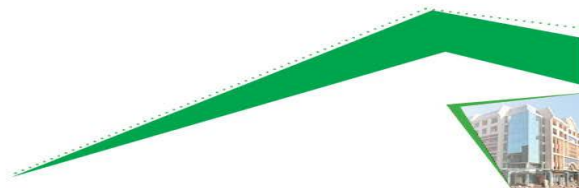
APPROPRIATE ACTION AGAINST ME IF THIS DECLARATION IS FALSE.

.....
Signature

.....
Date

.....
Designation

.....
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.

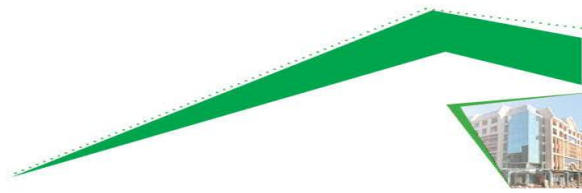
1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (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. FORMULA FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

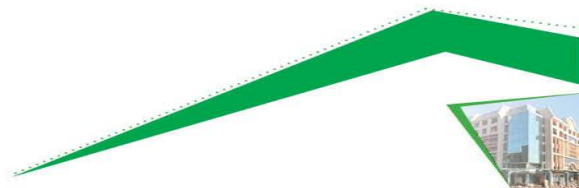
A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc}
 \text{80/20} & \text{or} & \text{90/10} \\
 P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right) & \text{or} & P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)
 \end{array}$$

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. FORMULA 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:

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

Where

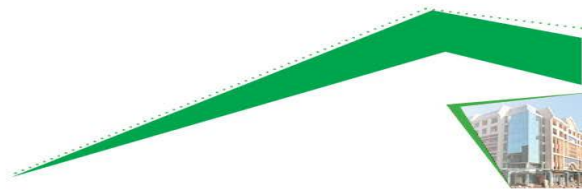
P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration
 P_{max} = Price of highest acceptable tender

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: -			
Locality: -			
	(a) Within the Eastern Cape	6	
	(b) Outside the Eastern Cape	0	

DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4. Company registration number:

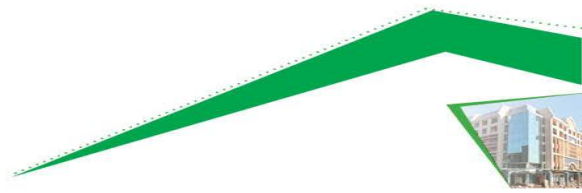
4.5. TYPE OF COMPANY/ FIRM

- ☐ 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:

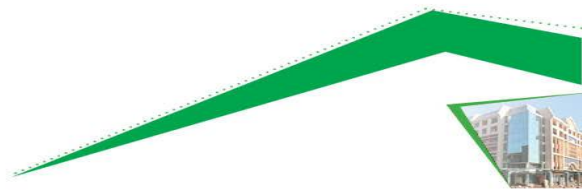
- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor 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 –

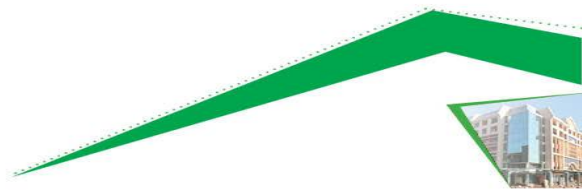
- (a) disqualify the person from the tendering process;
- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such 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:	
	
	
	

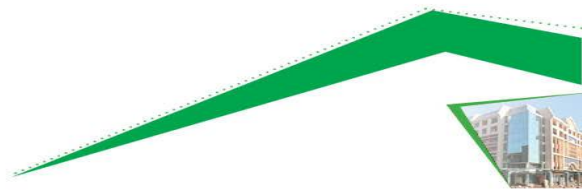


PROOF OF REGISTRATION ON THE NATIONAL TREASURY CENTRAL SUPPLIER DATABASE

(IF APPLICABLE, ATTACH HERE)



VALID CIDB CERTIFICATE OF A TENDERER
(IF APPLICABLE, ATTACH HERE)



PROTECTION OF PERSONAL INFORMATION: CONSENT (POPIA)

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

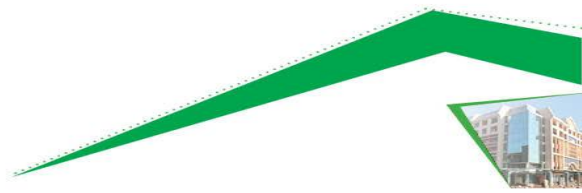
As part of its business activities, the Department of Public Works and Infrastructure obtains and requires access to personal data from a wide range of internal and external parties, including without limitation bidders who respond to requests for proposals that are published by the Department of Public Works and Infrastructure from time to time. The Department of Public Works and Infrastructure confirms that it shall process the information disclosed by Bidders for the purpose of evaluating and subsequently awarding/appointing a successful Bidder.

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

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

AGREEMENT

1. The Department of Public Works and Infrastructure and the Bidder (the Parties) agree and undertake that upon obtaining and having access to personal information relating to either of them, they shall always ensure that:
 - a) They process the information only for the express purpose for which it was obtained.
 - b) Information is provided only to designated and authorized personnel who require the personal information to carry out the Parties' respective obligations in terms of the Procurement processes.
 - c) They will introduce and implement all reasonable measures ensure the protection of all personal information from unauthorized access and/or use.
 - d) They have taken appropriate measures to safeguard the security, integrity, and authenticity of all personal information in its possession or under its control.
 - e) The Parties agree that if personal information will be processed for any other purpose other than the one for which the accessing of the information was intended, explicit written consent will be obtained prior to the execution of such reason.
 - f) The Parties shall carry out regular assessments to identify all reasonably foreseeable internal and external risks to the interception of personal information in its possession or under its control and shall implement and maintain appropriate controls in mitigation of such risks.
2. The Parties agree that they will promptly return or destroy any personal data in their possession or control which belongs to the other Party once it no longer serves the purpose for which it was collected, subject



to any legal retention requirements. The information will be destroyed in such a manner that it cannot be reconstructed to its original form, linking it to any individual or organization.

3. Bidder's Obligations

- a) The Bidder is required to notify the Information Officer of Department of Public Works and Infrastructure, in writing as soon as possible after it becomes aware of or suspects any loss, unauthorized access or unlawful use of any of the Department of Public Works and Infrastructure's personal information.
- b) The Bidder shall, at its own cost, promptly and without delay take all necessary steps to mitigate the extent of the loss or compromise of personal data.
- c) The Bidder shall be required to provide the Department of Public Works and Infrastructure with details of the persons affected by the compromise and the nature and extent of the compromise, including details of the identity (if known) of the unauthorized person who may have accessed or acquired the personal data.
- d) The Bidder undertakes to co-operate with any investigation relating to security breach which is carried out by or on behalf of Department of Public Works and Infrastructure.

On behalf of the Bidder:

.....
Signature

.....
Date

.....
Position

.....
Name of the Bidder

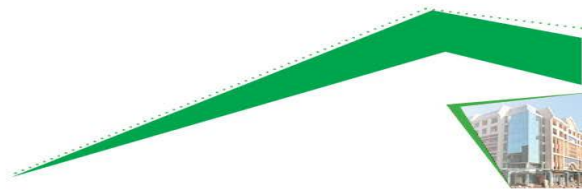
On behalf of the Client:

.....
Signature

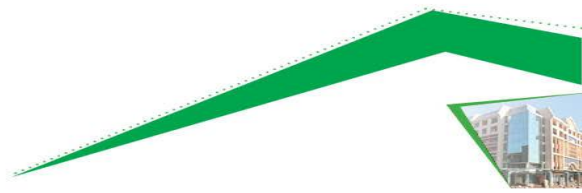
.....
Date

.....
Position

.....
Name of Client Representative

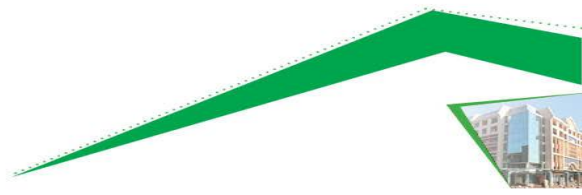


THE CONTRACT

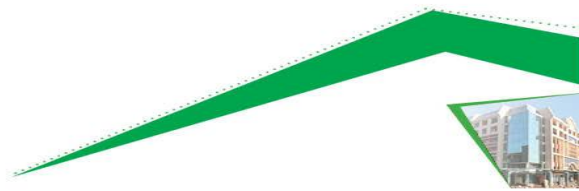


PART C1

AGREEMENTS AND CONTRACT DATA



PART C1.1: FORM OF OFFER AND ACCEPTANCE



Annex C
(normative)

FORM OF OFFER AND ACCEPTANCE

PROJECT TITLE	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER	SCMU5-AN26/27-0006

OFFER

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

TWO-YEAR TERM CONTRACT OF SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT

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 INCLUSIVE OF VALUE ADDED TAX 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

.....

Name

.....

Capacity

.....

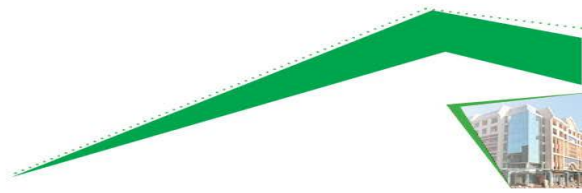
for the tenderer

.....

(Name and address of organization)

Name and signature

of witness 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 fulfil 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)

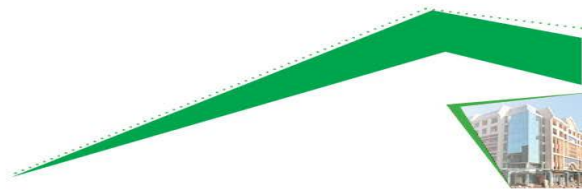
Name and signature

of witness Date

Schedule of Deviations

1 Subject
Details

2 Subject
Details



3 Subject _____
Details _____

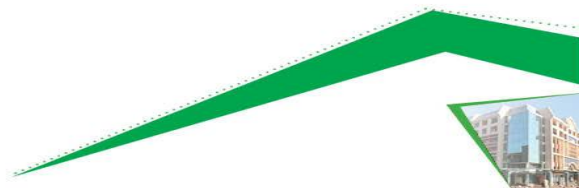
4 Subject _____
Details _____

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.

¹ As an alternative, the following wording may be used:

Notwithstanding anything contained herein, this agreement comes into effect two working days after the submission by the employer of one fully completed original copy of this document including the schedule of deviations (if any), to a courier-to-counter delivery / counter-to-counter delivery / door-to-counter delivery /door-to-door delivery /courier service (delete that which is not applicable), provided that the employer notifies the tenderer of the tracking number within 24 hours of such submission. Unless the tenderer (now contractor) within seven working days of the date of such submission 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



A

RECORD OF ADDENDA TO BID DOCUMENTS

PROJECT TITLE	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT		
SCMU NUMBER	SCMU5-AN26/27-0006		
I / We confirm that the following communications received from the Department of Public Works 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.

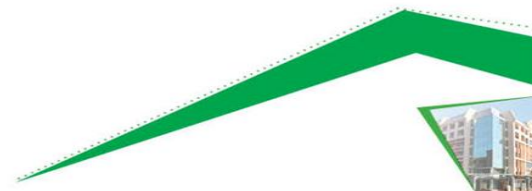
Signed

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	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER	SCMU5-AN26/27-0006

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

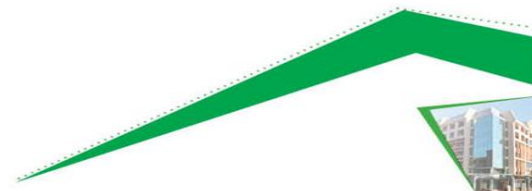
Signed

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 authorised 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: _____

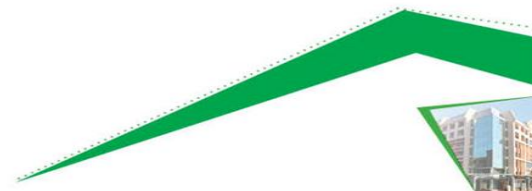
DATE: _____

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):



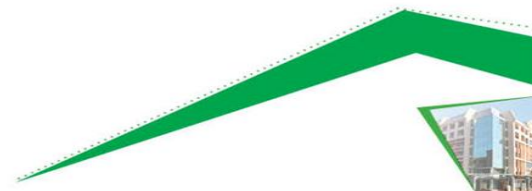
D

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 authorize Mr/Ms, authorized signatory of the company , acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.

PROJECT TITLE	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT	
SCMU NUMBER	SCMU5-AN-26/27-000	
NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
Lead partner:		Signature. Name Designation.....
..... .		Signature. Name Designation.....
..... .		Signature. Name Designation.....
..... .		Signature. Name Designation.....



SCHEDULE OF PROPOSED SUBCONTRACTORS

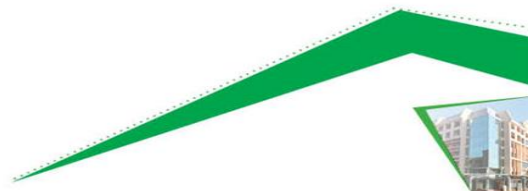
PROJECT TITLE	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER	SCMU5-AN26/27-0006

We notify you that it is our intention to employ the following Subcontractors 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 Subcontractor	Nature and extent of work	Year completed	Value	Contact details
1					
2					



3					
4					

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

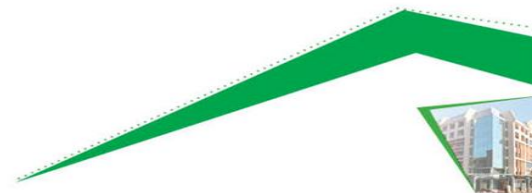
Signed

Date

Name

Position

Enterprise name



F

EXPERTISE OF KEY PERSONNEL AND CONFIRMATION OF EMPLOYMENT/S

The experience of the key persons who will be responsible on behalf of the contractor for the management of the project and the project team will be evaluated in relation to her/ his academic and qualifications and experience.

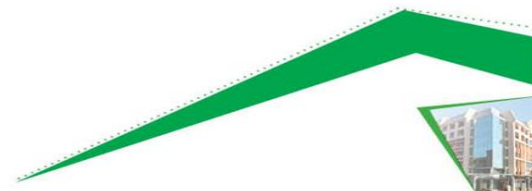
Please Note:

1. The Respondent must complete the Confirmation of employment template provided in this document for **each personnel it intends to claim capacity for and that meets the criteria**.
2. A **Certified copy** of the key personnel's relevant **qualifications**.
3. Only three projects must be submitted.

The CIDB *Competence Standard for Contractors* established the competencies that should exist within a contracting enterprise within a CIDB Class of Construction Works, within a Construction Category and where relevant within a sub-Category.

For the purposes of this document, the following terms and definitions apply:

- **class of construction works:** the class of construction works referred to in Schedule 3 of the Construction Industry Development Regulations 2004 and 2013 as amended and published in terms of the Construction Industry Development Board Act of 2000 (Act 38 of 2000);
- **competent:** having suitable or sufficient skill, knowledge and experience;
- **construction category:** 'Open', 'Limited' or 'Trade Contractor' defined in Section 3.1;
- **contractor:** person or organization that contracts to provide the goods, services or engineering and construction works covered by the contract;



G

CONFIRMATION OF EMPLOYMENT AND CERTIFICATES OF QUALIFICATION OF KEY PERSONNEL

(COMPULSORY) – for each person

Name:	Date of birth:
Profession:	Nationality:
Qualifications:	
Name of Employer (firm):	
Current position:	Years with firm:
<u>Employment Record:</u>	
Example only	
<u>Experience Record Pertinent to Required service:</u>	

Attach a separate sheet which details all the above key information. None submission of this information will lead to a bidder losing points on Quality/ Functionality evaluation. Attach a CV to detail the above information

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.

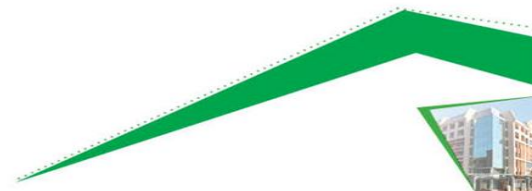
Signed

Date

Name

Position

Enterprise name



H

RELEVANT PROJECT EXPERIENCE – PROJECTS

Tenderers must submit a max one-page description of at least three projects successfully completed.

Attach a Completion Certificate for each of the project provided.

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					

If there are more projects, attach a separate page to address this issue (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.

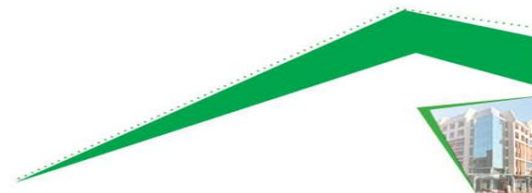
Signed.....

Date.....

Name.....
....

Position.....
....

Enterprise name.....
...



!

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					
4					

Signed

Date

.....

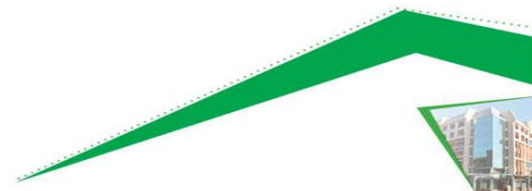
Name

Position

.....

Enterprise name

.....



J

Project Reference Forms – 1

PROJECT TITLE:	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER:	SCMU5-AN26/27-0006

NOTE: This returnable document must be completed by the person who was the Engineer/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: _____

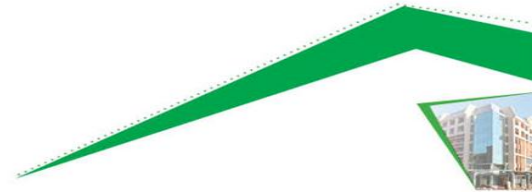
Contract value: _____

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 / time management / programming						
2. Quality of workmanship						
3. Resources: Personnel						
4. Resources: Plant						
5. Financial management / payment of subcontractors / cash flow, etc						
TOTAL						

B. Would you consider / recommend this tenderer again:

YES	NO



C. Any other comments:

D. My contact details are:

Telephone: _____ Cell phone: _____ Fax: _____

E-mail: _____

Thus, signed at _____ on this _____ day of _____ 2026.

Signature of principal agent

COMPANY STAMP

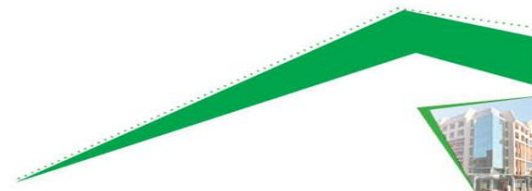
NOTE:

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

Date



Project Reference Forms - 2

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

PROJECT TITLE:	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER:	SCMU5-26/27-0006

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: _____

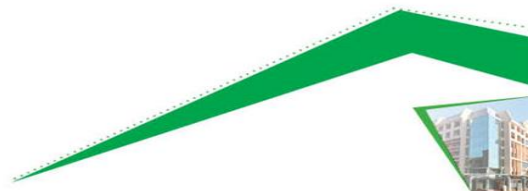
A. Please evaluate the performance of the Tenderer on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below:

Key Performance Indicators	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5	Total
1. Project performance / time management / programming						
2. Quality of workmanship						
3. Resources: Personnel						
4. Resources: Plant						
5. Financial management / payment of subcontractors / 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 _____ 2026.

Signature of principal agent

COMPANY STAMP

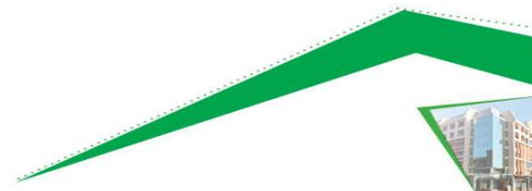
NOTE:

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

Date



Project Reference Forms – 3

PROJECT TITLE:	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER:	SCMU5-AN26/27-0006

NOTE: This returnable document must be completed by the person who was the Engineer/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:

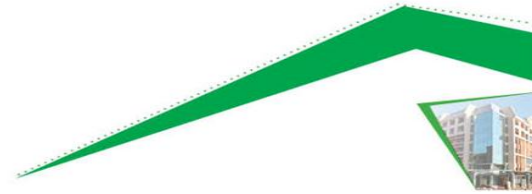
Key Performance Indicators	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5	Total
1. Project performance / time management / programming						
2. Quality of workmanship						
3. Resources: Personnel						
4. Resources: Plant						
5. Financial management / payment of subcontractors / cash flow, etc.						
TOTAL						

B. Would you consider / recommend this tenderer again:

YES	NO

C. Any other comments:

D. My contact details are:



Telephone: _____ cell phone: _____ Fax: _____

E-mail: _____

Thus, signed at _____ on this _____ day of _____ 2026.

Signature of principal agent

COMPANY STAMP

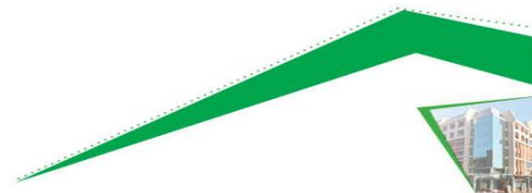
NOTE:

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.

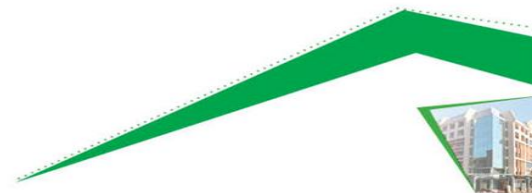
Name of Tenderer

Signature of Tenderer

Date



PART C1.2: CONTRACT DATA

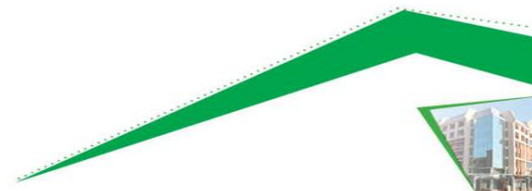


PART C1.2 CONTRACT DATA

PROJECT TITLE:	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER:	SCMU5-AN26/27-0006

Part 1– Data provided by the Employer

Clause	Statement	Data
1. General		
	The conditions of contract are the core clauses and the clauses for main Option:	A Priced contract with price list
	dispute resolution Option and secondary Options	W1 Dispute resolution procedure
		X1 Price adjustment for inflation
		X13 Performance Bond
		X17 Low service damages
		X18 Limitation of liability
		X19 Task Order
		X20 Key Performance Indicators
	of the NEC3 Term Service Contract (April 2013)	

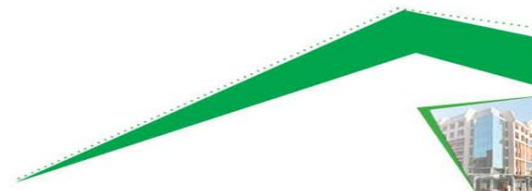


10.1	The Employer is (name):	Eastern Cape Department of Public Works and Infrastructure
	Address	Department of Public Works and Infrastructure Corner of Nkosi Senyukele Jojo off Ngqubusini Street Mount Alyiff
	Represented By:	TBA
	Tel No.	
	Fax No.	

10.1	The Service Manager is (name):	Department of Public Works and Infrastructure Department of Public Works and Infrastructure Corner of Nkosi Senyukele Jojo off Ngqubusini Street Mount Alyiff
	Tel	
	e-mail	
	The Service Manager is (name):	TBA
11.2(2)	The Affected Property is	Various Department of Public Works and Infrastructure Buildings in the Eastern Cape Province as per Service Information
11.2(13)	The service is	Scheduled and Reactive Maintenance works
11.2(14)	The following matters will be included in Risk register	N/A
11.2(15)	The Service Information is in	The Contract Part 1: Service Information - Scope of Works. Works Information and all documents and drawings to which it makes reference.
12.2	The law of the contract is the law of	the Republic of South Africa
13.1	The language of this contract is	English
13.2	The period for reply is	7 days

2. The Contractor's responsibility (If the optional statement for this section is not used, no data will be required for this section)		
21.1	The Contractor submits a first Plan for Date acceptance within	2 weeks of the Contract

3. Time



30.1	The starting date is	at the Site Handover Meeting Date.
30.2	The service period is	24 Months.

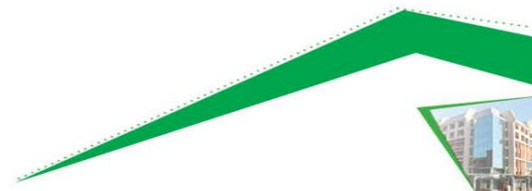
4. Testing and defects	Special testing may be requested by the Service Manager.
------------------------	--

5. Payment		
50.1	The assessment interval is	Monthly
51.1	The currency of this contract is the	South African Rand
51.2	The period with which payments are made is	30 Days after submission of a valid TAX Invoice to the Employer
51.4	The interest rate is	(i) zero percent above the publicly quoted prime rate of interest (calculated on a 365-day year) charged by from time to time by the South African Reserve Bank (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands

6. Compensation Events	(if the optional statement for this section is not used, no data will be required for this section)
These are additional compensation events	N/A

7. Use of Equipment Plant and Materials	No data is required for this section of the conditions of contract.
---	---

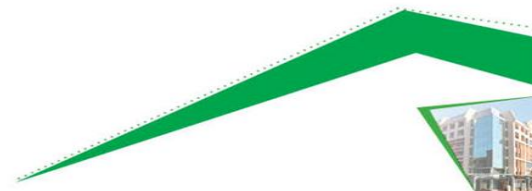
8. Risks and Insurance



80.1	These are additional Employer's risks	N/A
83.1	The Employer provides these insurances from the Insurance Table	N/A
83.1	The Employer provides these additional insurances	N/A
83.1	The minimum amount of cover for insurance against loss and damage caused by the Contractor to the Employer's property is	R 5 000 000.00
83.1	The insurance against loss of or damage to the works, Plant and Materials is to include cover for Plant and Materials provided by the Employer to an amount of	R 5 000 000.00
83.1	The minimum amount of cover for insurance in respect of loss of or damage to property (except the Employer's property, Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the Contractor) arising from or in connection with the Contractor's Providing the Service for any one event is:	R 5 000 000.00
83.1	The Minimum limit of indemnity for insurance in respect of death of or bodily injury to employees of the Contractor arising out of and in course of their employment in connection with this contract for any one event is:	As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the Contractor's common law liability for people falling outside the scope of the Act with a limit of Indemnity of not less than R 5 000 000.00

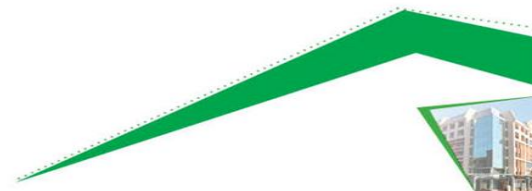
9. Termination	No data is required for this section of the conditions of contract.
----------------	---

10. Data for main Option Clauses		
A	Priced Contract with Price List	Option A
20.5	The Contractor prepares forecasts of the final total of the Prices for the whole of the service at intervals of no longer than	4 Weeks

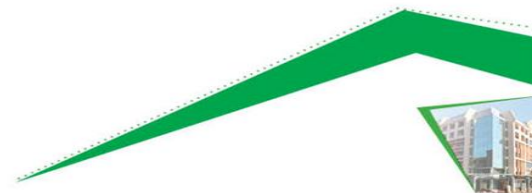


11. Data for Option W1		
W1.1	The Adjudicator is (Name)	The person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the party intending to refer a dispute to him. (See www.icesa.org.za)
	Address	
	Tel. No,	
	Fax No.	
	Email	
W1.2(3)	The Adjudicator nominating body is:	The Chairman of ICE-SA a joint Division of the South African Institution of Civil Engineering Arbitration
W1.4(2)	The Tribunal is:	
W1.4(5)	The Arbitration Procedure is	The latest edition of Rules for the Conduct of Arbitrations published by the Association of Arbitrators (South Africa) or its successor body.
	The place where arbitration is to be held is	South Africa
	The person or organization who will choose an arbitrator	The Chairman for the time being or his nominee of the Association of Arbitrators (South Africa) or its successor body.
	- If the Parties cannot agree a choice or	
	- If the procedure does not state who selects an arbitrator, is	

12. Data for Secondary Option		Clauses		
X1	Price Adjustment for Inflation			
X1.1	The base date for indices is	Tender Closing Date		
	The proportions used to calculate the Price Adjustment Factor are:			
	Note: Requirements for CPA/Price inflation is that Prices must be Fixed and Firm for the First 12 months of the contract and only subject to escalation thereafter. A minimum of 10% of the contract price / prices is not adjustable throughout the life of the contract			
		Proportion	Linked to Index for	Index by prepared (Source)
			Non-Adjustable**	
		100%		

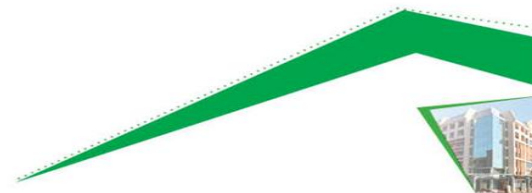


X13	Performance Bond	
X13.1	The Contractor gives the Employer a Performance Bond	The Tenderer must provide a Performance Bond in the form of a Fixed Performance Guarantee by means of a Bank Guarantee, or from an Insurer approved by the Service Manager, in the amount of 2.5% of the Awarded Contract Value, once the Contract has been awarded to him. This Bond must be given to the Employer with in four (4) weeks of the Contract Date.
X17	Low Service Damages	
X17.1	The service level table is in	As per Demerit Table in Contact Data – Annexure CD1
X18	Limitation of Liability	
X18.1	The Contractor's liability to the Employer for indirect or consequential loss is limited to	R0.0 (zero Rand)
X18.2	For any one event, the Contractor's liability to the Employer for loss of or damage to the Employer's property is limited to	R2 500 000.00
X18.3	The Contractor's liability for Defects due to his design of an item of Equipment is limited to	The greater of - the total of the Prices at the Contract Date, And - R2 500 000
X18.4	The Contractor's liability to the Employer for all matters arising under or in connection with this contract, other than the excluded matters, is limited to	N/A
X18.5	The end of liability date is	3 Months after the end of the Service Period.
X19	Task Order The Contractor submits a Task Order programme to the Service Manager within	Authorization to commence with any Task will be done by Task Order. This Task Order will be issued to the Contractor by the Service Manager. Maintenance Turn- around times are stated in the Works Instructions under specification.
X20	Key Performance Indicators	Key performance Indicators will be used to monitor Contractor performance on a monthly basis



Part Two – Data provided by the *Contractor*

Clause	Statement	Data
10.1	The Contractor is (Name): Address: Tel No. Fax No.	
11.2(8)	The Direct Fee Percentage is _____ % The Subcontracted Fee Percentage Is _____ %	
11.2(14)	The following matters will be included in the Risk Register	
11.2(15)	The Service Information for the Contractor's plan is in:	
21.1	The plan identified in the Contract Data is contained in:	
24.1	The Key Persons are: Name : Job : Responsibilities : Qualifications : Experience	
	Name : Job : Responsibilities : Qualifications : Experience	
		CV's and further key person's data are in _____
A	Priced Contract with Price List	
11.2(12)	The price list is in	

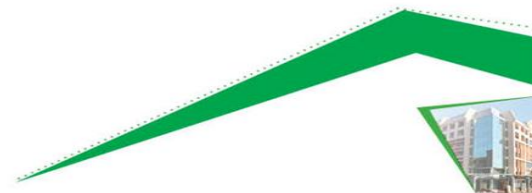


11.2(19) The tendered total of the Prices is

X1 Price adjustment for inflation

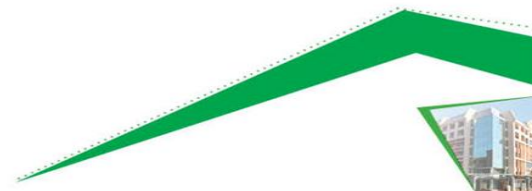
X1.1

Proportion	Linked to Index for	Index prepared by (Source)
	Non-Adjustable**	
100%		



Annexure CD1 – Demerit Table and Penalty Calculation System

PROJECT TITLE:	TWO-YEAR TERM CONTRACT OF SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER:	SCMU5-AN26/27-0006



ANNEXURE CD1: DEMERIT TABLE AND PENALTY CALCULATION SYSTEM

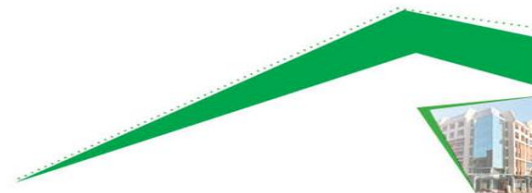
If the Contractor fails to remedy any sub-standard work within the time frame stipulated by the Service Manager, the penalties below will apply.

The contractor will incur demerit points for specific measurable poor performance incidents which can lead to the early termination of the Contract as described below.

DESCRIPTION	DEMERIT POINT
Failure to submit the Functional Condition Assessment Report by the due date	1 point/ week that the report is late
Exceeding the maximum allowable response and resolve time for a P1 Breakdown	3 points/ incident
Exceeding the maximum allowable response and resolve time for a P2 Breakdown	2 points/ incident
Exceeding the maximum allowable response and resolve time for a P3 or P4 Breakdown	1 point/ incident
Not meeting the Planned Maintenance Performance KPI	1 point/ incident
Not meeting the Rework Rate KPI	1 point/ incident
Not meeting the Contractor Contactability KPI	1 point/ incident

The demerit points will accumulate and trigger the following actions:

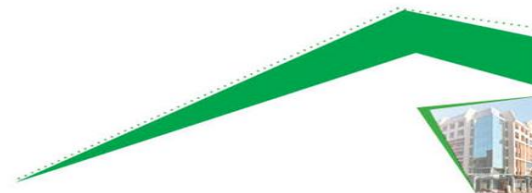
ACCUMULATED DEMERIT POINTS	ACTION
6	Service Manager to discuss Contractor's performance deviation and agree on improvement measures. If improvement measures are successful and the Contractor has been consistently meeting the required KPI targets for the following two months, the demerit points can be cancelled by the Service Manager.



12	Service Manager to issue notice that Contractor is in Breach of Contract and that Contract Can be terminated if the Contractor does not improve his performance in line with the agreed improvement measures.
15	Service Manager to Terminate Contract as per Clause 9 of the NEC3 Term Service Contract.

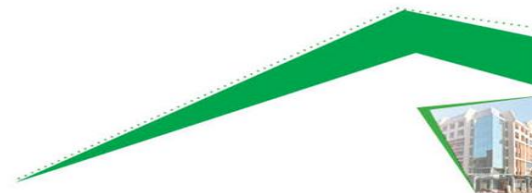
Poor performance by the Contractor due to late payments by the Employer will not incur demerit points.

Financial penalties, as per the requirements of Secondary Options Clause X17, will be applied on the effected payments at 1% penalty per demerit point by the Service Manager, in the month that the demerit points are allocated to the Contractor.



Annexure CD2 – Key Performance Indicator Listing

PROJECT TITLE:	TWO-YEAR TERM CONTRACT OF SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER:	SCMU5-AN26/27-0006



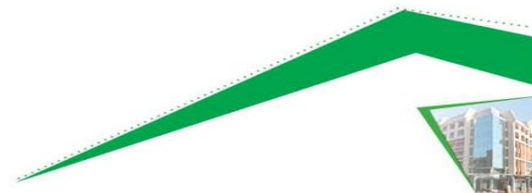
ANNEXURE CD2: KEY PERFORMANCE INDICATOR LISTING

The following Key Performance Indicators (KPI's) will be applicable to this Contract and must be monthly updated and reported on by the Service Manager:

KPI Name	KPI Equation			Frequency	Target
Emergency Job Rate	=	$\frac{\text{Total Number of Emergency Jobs Done}}{\text{Total Number of Jobs Done}}$	X 100%	Monthly	<10%
Planned Maintenance Performance	=	$\frac{\text{Total Number of Scheduled Planned Maintenance Jobs Completed}}{\text{Total Number of Planned Maintenance Jobs Scheduled}}$	X 100%	Monthly	100%
Cost Estimation Accuracy	=	$\frac{\text{Total Actual Cost of Work}}{\text{Total Estimated Cost Of Work}}$	X 100%	Monthly	100%
Response Performance	=	$\frac{\text{Number of Service Calls Completed within Targeted Response Time}}{\text{Total Number of Service Calls}}$	X 100%	Monthly	100%
Rework Rate	=	$\frac{\text{Number of Jobs Requiring Rework}}{\text{Total Number of Jobs Done}}$	X 100%	Monthly	0%
SHEQ	=	Number of SHEQ Incidents Involving the Contractor		Monthly	0
Contractor Contactability	=	Number of Times that Contractor was not Contactable by the Call Centre		Monthly	0

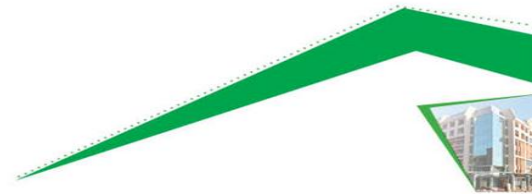
The Service Manager must also ensure that the following items are routinely inspected and reported on by the Site Representative for each DPWI Facility:

1. Compliance with general maintenance requirements as specified in the Service Information.
2. Manner in which preventative and corrective maintenance is carried out.
3. Manner in which the Maintenance Control Plan is implemented and updated.
4. Manner in which Task Orders received from the Service Manager are dealt with.

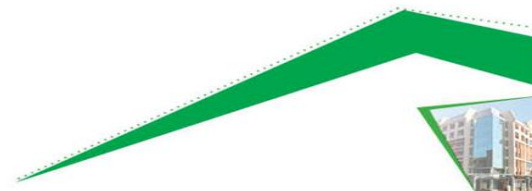


5. Manner in which records are kept as required by the Service Information as well as the Occupational Health and Safety Act, Act No 85 of 1993 as amended.
6. Quality of services carried out for the month prior to the inspection.

Note: The aim of the above inspection is to determine that all the requirements of the specification have been complied with. Should the Service Manager believe that one or more maintenance items referred to above, have been neglected or totally ignored by the Contractor he may decide to implement demerit points as penalty as per X17 for each type of non-compliance found during the inspection.



PART C1.3: DISPUTE RESOLUTION MECHANISM



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

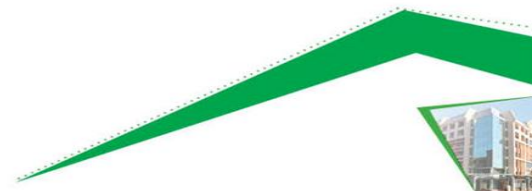
IT IS NOW AGREED as follows:

- 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

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

SIGNED by: _____
 Name: _____
 the Adjudicator in the presence
 of



Witness

Witness:

Witness:

Name: _____

Name _____

Name: _____

Address: _____

Address: _____

Address: _____

Date: _____

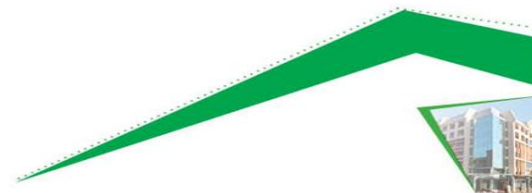
Date: _____

Date: _____

Contract Data

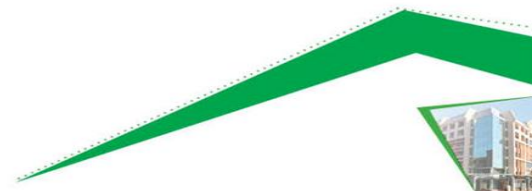
1	The Adjudicator shall be paid at the hourly rate of R. in respect of all time spent upon, or in connection with, the adjudication including time spent travelling.
2	The Adjudicator shall be reimbursed in respect of all disbursements properly made including, but not restricted to: (a) Printing, reproduction and purchase of documents, drawings, maps, records and photographs. (b) Telegrams, telex, faxes, and telephone calls. € Postage and similar delivery charges. (d) Travelling, hotel expenses and other similar disbursements. € 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 in 30 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.

* Delete as necessary



PART C2

PRICING DATA



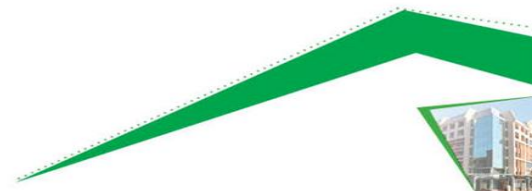
BILLS OF QUANTITIES
TWO-YEAR TERM CONTRACT OF SERVICING, REPAIRS AND MAINTENANCE OF
MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO
DISTRICT

BILL NO 1 HEALTH AND SAFETY					
ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.1	Preparation of the Contractor's site specific Health and Safety Plan	Lump sum	1	R10,000.00	R
1.2	Principal Contractor's initial obligation in respect of the Occupational Health and Safety Act and Construction Regulations	Lump sum	1	R10,000.00	R
SUB-TOTAL 1 (Carry to final summary)					R

BILL NO 2: NEW INSTALLATION OF AIRCONDITIONER UNITS: Labour, and all accessories needed to be included in the schedule of rates for all new air condition installations

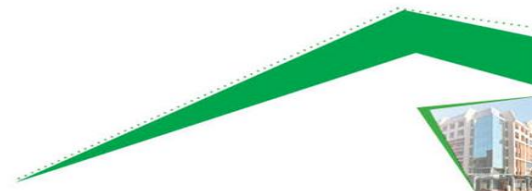
(ALL INVERTER UNITS) in Mount Frere, Ntabankulu, Mount Ayliff, Maluti & Matatiele

	Aircon units	TYPE	QTY	RATE PER INSTALLATION	AMOUNT
2.1	9 000 btu R410A	M / Wall Split	12	R	R
2.2	12 000 btu R410A	M / Wall Split	5	R	R
2.3	18000btu R410A	M / Wall Split	2	R	R
2.4	24000btu R410A	M / Wall Split	1	R	R
SUB TOTAL 2 (Carry to final summary)					R

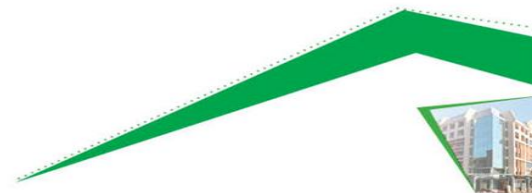


BILL NO 3 SERVICE THE FOLLOWING UNITS INCLUDING ALL ACCESSORIES (LABOUR, CHEMICAL COIL CLEANER, RE-GAS, etc.)

3.1	DEPARTMENT OF SOCIAL DEVELOPMENT (Place of safety, Maluti)				
ITEM	DESCRIPTION	UNIT	QTY	RATE SERVICE PER	AMOUNT
3.1.1	Carry out routine maintenance, detect leaks, check refrigerant level and top up/refill when necessary, inspect and tightening of electrical components, clean drain pipes and trays and ensure the system is operating efficiently. (split/ mid wall units)	No	22	R	R
3.2	DEPARTMENT OF SOCIAL DEVELOPMENT (Green house building in Maluti)				
ITEM	DESCRIPTION	UNIT	QTY	RATE SERVICE PER	AMOUNT
3.2.1	Carry out routine maintenance, detect leaks, check refrigerant level and top up/refill when necessary, inspect electrical and tightening of electrical components, clean drain pipes and trays components and ensure the system is operating efficiently. (cassette and mid wall units)	No	37	R	R



3.3	DEPARTMENT OF SOCIAL DEVELOPMENT (Ntabankulu)				
ITEM	DESCRIPTION	UNIT	QTY	RATE SERVICE PER	AMOUNT
3.3.1	Carry out routine maintenance, detect leaks, check refrigerant level and top up/refill when necessary, inspect electrical and tightening of electrical components, clean drain pipes and trays components and ensure the system is operating efficiently.(cassette and mid wall units)	No	50	R	R
3.3.2	Carry out routine maintenance on LG MULTI V.5 system, check refrigerant level and top up/refill when necessary(VRV)	No	2	R	R
					R
3.4	DEPARTMENT OF SOCIAL DEVELOPMENT (Matatiele)				
ITEM	DESCRIPTION	UNIT	QTY	RATE SERVICE PER	AMOUNT
3.4.1	Carry out routine maintenance, detect leaks, inspect electrical and tightening of electrical components, clean drain pipes and trays components and ensure the system is operating efficiently.(cassette & mid wall units)	No	78	R	R
3.4.2	Carry out routine maintenance on DAIKIN VRV 4 system, check refrigerant level and top up/refill when necessary	No	6	R	R
					R
3.5	DEPARTMENT OF SOCIAL DEVELOPMENT (Service office Mount Ayliff)				
ITEM	DESCRIPTION	UNIT	QTY	RATE SERVICE PER	AMOUNT
3.5.1	Carry out routine maintenance, detect leaks, inspect electrical and tightening of electrical components, clean drain pipes and trays components and ensure the system is operating efficiently.(cassette & mid wall units)	No	38	R	R
3.6	DEPARTMENT OF SOCIAL DEVELOPMENT (DISTRICT OFFICE MOUNT AYLIFF)				
ITEM	DESCRIPTION	UNIT	QTY	RATE SERVICE PER	AMOUNT
3.6.1	Carry out routine maintenance, detect leaks, inspect electrical and tightening of electrical components, clean drain pipes and trays components and ensure the system is operating efficiently.(cassette & mid wall)	No	39	R	R
SUB-TOTAL 3 (Carry to final summary)					R



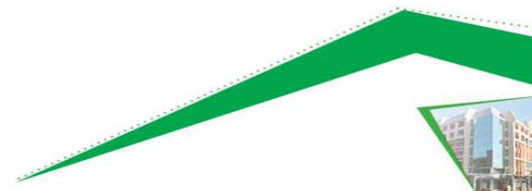
BILL NO 4 MAINTENANCE & REPAIRS OF A SCHINDLER LIFT IN MATATIELE DOSD OFFICES

Please note that your pricing should include labour and travelling rate

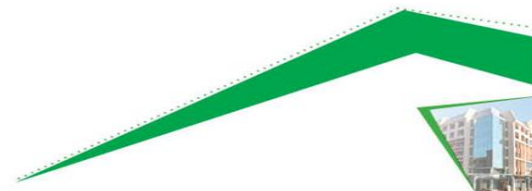
ITEM NO.	DESCRIPTION	UNIT	UNITS REQ	PRICE PER UNIT	AMOUNT
4.1	Procure the services of an authorised and independent lift inspector to do the mandatory lift inspection on the vertical lift and submit the comprehensive and mandatory report AND a detailed risk assessment associated with ownership, use, operating and maintenance and issue Annexure B for each lift of vertical passenger lifts	Sum	1	R	R
4.2	Do comprehensive monthly maintenance and complete all associated documentation for the vertical passenger lifts. The rate must include labour, travelling and all accessories. (24 months service)	Item	24	R	R
4.3	Call out fee for lift	each	10	R	R
4.4	Logbook	No	1	R	R
Bill No. 4 Carried to Final Summary					R

BILL NO 5 MAJOR SERVICE FOR A GENERATOR

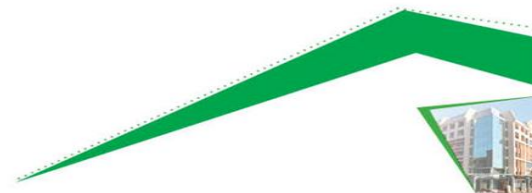
	Make/ Brand	Building	No. of Services	Rate Per Service	Amount
5.1	Volvo Penta (oil filters, change oil, fuel filters, air filters, anti freezer, test batteries etc) 200KVA SERIAL No:5311805225	Social Development in Matatiele	4	R	R
		BILL NO 5 Carried to Final Summary			R



BILL NO 6 GENERATOR BATTERY REPLACEMENT					
Item No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6.1	DELTEC BATTERY 12VOLT 1250 AH	No	2	R	R
BILL NO.6 Carried to Final Summary					R
BILL NO 7 GENERATOR- CALL OUTS					
Item No	DESCRIPTION	Per Unit	QTY	Rate	AMOUNT
7.1	Transport cost per km	p/km	3000	R	R
7.2	Labour rates per hour	p/hr	300	R	R
BILL NO.7 Carried to final summary					R



FINAL SUMMARY:			
NO	BILL NO	ITEM	AMOUNT
1	BILL NO 1	HEALTH & SAFETY	R
2	BILL NO 2	INSTALLATION OF NEW AIRCON UNITS	R
3	BILL NO 3	SERVICING OF AIRCONS	R
4	BILL NO 4	SERVICING OF LIFT	R
5	BILL NO 5	SERVICING OF GENERATOR	R
6	BILL NO 6	GENERATOR BATTERY REPLACEMENT	R
7	BILL NO 7	GENERATOR CALL OUTS	R
		SUB TOTAL	R
Allow for Budgetary allowance of R150, 000.00 (One Hundred and Fifty Thousand Rand) for materials used for repairs and replacements on kitchen equipment, generator, Schindler lift etc. 3 quotes required.			R
10% Mark up on Budgetary allowance for materials			R
TOTAL			R
Vat @ 15 %			R
Grand total Carried to the Form of Offer			R

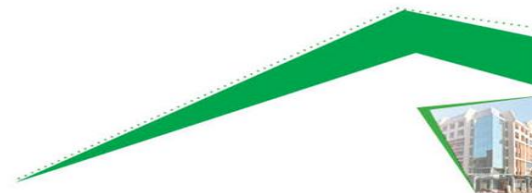


PART C2.1: PRICING INSTRUCTIONS

C2.1 Pricing Instructions

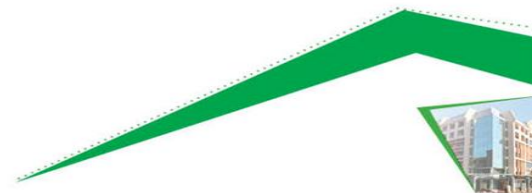
Pricing Instructions mean the criteria as set out below, read together with all Parts of the contract document, which it will be deemed in the contract that the Tenderer has taken into account when developing his prices.

1. For the purpose of the Pricing Schedule, the following words shall have the meanings hereby assigned to them:
 - Unit: The unit of measurement for each item of work.
 - Quantity: The number of units of work for each item.
 - Rate: The agreed payment per unit of measurement.
 - Amount: The product of the quantity and the agreed rate for an item.
 - Sum: An agreed lump sum payment amount for an item, the extent of which is described in the Scope of Work, but the quantity of work which is not measured in any units.
2. A rate, sum, and/or price as applicable, is to be entered against each item in the Pricing Schedule. An item against which no price is entered will be considered to be covered by the other prices or rates in the Pricing Schedule.
3. The rates, sums, and prices in the Pricing Schedule 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 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.
4. Where quantities are given in the Pricing Schedule, these are provisional and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in the Activity Schedule.
5. All other rates, sums, or prices (as applicable) tendered in the Pricing Schedule shall be final and binding and shall **not** be subject to any variation throughout the period of the contract.
6. While the Employer has every intention to complete the full scope of works, the Employer reserves the right to reduce or increase the scope of works according to the dictates of the budget, or to terminate this contract, without adjustment to the agreed rates, sums and without payment of any penalty or surcharge in this regard. The Service Provider shall however be entitled to pro-rata payment for all services carried out in terms of any adjustment to the Scope of Work.
7. All Prices in the Price List exclude VAT, while the total of Prices reflected in the Contractor's Offer includes VAT.



8. Where the Scope requires detailed shop drawings and designs or other information to be provided, all costs associated therewith are deemed to have been provided for and included in the unit rates and Prices tendered for such items.

OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION AS PER ANNEXURE 1



Eastern Cape Department of Public Works & Infrastructure

Alfred Nzo

Occupational Health and Safety Specification

**Issued in terms of the Occupational Health and Safety Act, 1993
Construction regulations 2014**

PROJECT NAME	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
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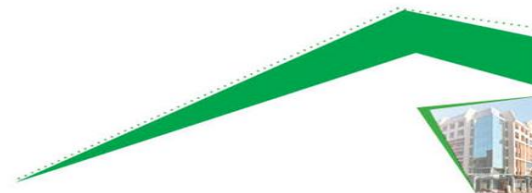
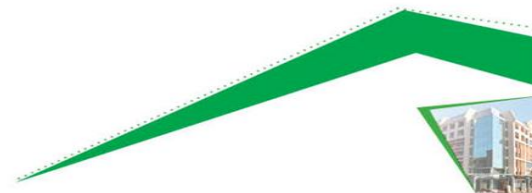
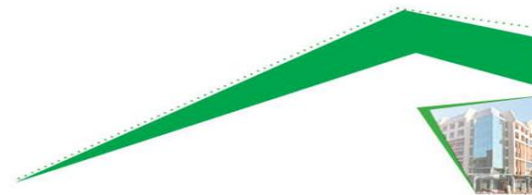


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1 SCOPE

The scope of the work will entail the following aspects.

Provides the overarching framework within which the Principal Contractor is required to demonstrate compliance with certain requirements for occupational health and safety established by the Occupational Health and Safety Act 85 of 1993 during construction work.

- Establishes the way the Principal Contractor is to manage the risk of health and safety incidents during construction; and
- Establishes the way the Client will interact with The Principal Contractor.

This specification establishes general requirements to enable the Principal Contractor to satisfy aspects of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and the Construction Regulations, 2014. The Principal Contractor is required to develop, implement and maintain a site-specific health and safety plan. The Client is required to provide certain site-specific information to the Principal Contractor or a health and safety specification for the works to enable such a plan to be formulated. Accordingly, this specification on its own cannot ensure compliance with the requirements of the Act.

The Construction Regulations, 2014, requires a client 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.

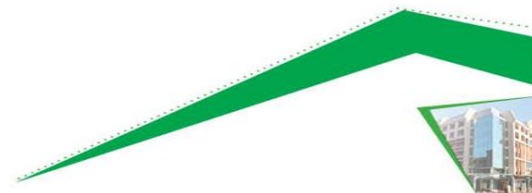
2 DEFINITIONS

As per the Occupational Health and Safety Act (85 of 1993) and the relevant regulations and applicable standards. **2.1 List of Abbreviations**

CC	Compensation Commissioner
CHSA	Construction Health and Safety Agent
CHSO	Construction Health and Safety Officer
CR	Construction Regulations (Gazette 10113 of 07/02/2014)
DoL	Department of Labour
GAR	General Administration Regulations
GSR	General Safety Regulations
HCSR	Hazardous Chemical Substances Regulations
HIRA	Hazard Identification Risk Assessment
H&S	Health and Safety
OHSA	Occupational Health and Safety Act No. 85 of 1993 (as amended)
OHSS	Occupational Health and Safety Specification
PA	Principal Agent
PSHSS	Project Specific Health and Safety Specification
PC	Principal Contractor
PPE	Personal Protective Equipment
SANS	South African National Standards (Authority)
SDS	Safety Data Sheet
SWP	Safe Work Procedure

2.2 Key References

Occupational Health and Safety Act No. 85 of 1993 and Regulations (as amended) Construction Regulations 2014.



Compensation for Injury and Occupational Diseases Act No. 100 of 1993 (as amended).

SANS codes.

South African Road Traffic Signs Manual (SARTSM)

3 INTERPRETATION

The Act and its associated regulations shall have precedence in the interpretation of any ambiguity or inconsistency between it and this specification.

3.1 Purpose of the Project Specific Health and Safety Specification (PSHSS)

The PSHSS is a performance specification to ensure that the Client and any bodies that enter into formal agreements with the Client / Agents, Professional Service Consultants (Engineers, Quantity Surveyors and Architects), Principal Contractors and Contractors achieve an acceptable level of OHS performance. No advice, approval of any document required by the PSHSS, such as hazard identification and risk assessments, or any other form of communication from the Client shall be construed as acceptance by the Client of any obligation that absolves the Principal Contractor from achieving the required level of performance and compliance with legal requirements. Furthermore, there is no acceptance of liability by the Client, which may result from the Principal Contractor failing to comply with the PSHSS, i.e. the Principal Contractor remains responsible for achieving the required performance levels.

A Mandatory Agreement in terms of Section 37.2 of the OHSA will be signed between parties prior to any works commencing. The PSHSS highlights the aspects to be implemented over and above the minimum requirements of current legislation. Requirements may be changed should new risks or issues are identified that could not have been foreseen during the design phase of the project, or during the construction phase. Any new legislation or standards (legislated or determined by the Client) that are promulgated or accepted during the contract will automatically be applied.

It should be noted that this OHSS in no way relieves the Principal Contractor of any of his responsibilities set out in the Act and Regulations

3.2 Requirements

A project specific H&S Plan in response to this PSHSS will be subject to approval by the Client. This must include all supporting documentation as required to verify the H&S system:

4 GENERAL REQUIREMENTS

4.1 Risks

Principal Contractor to provide a detailed risk assessment for the entire work on site.

4.2 Letter of good standing

The principal contractor must have a valid letter of good standing produced by COIDA or FEMA before starting any construction work on site.

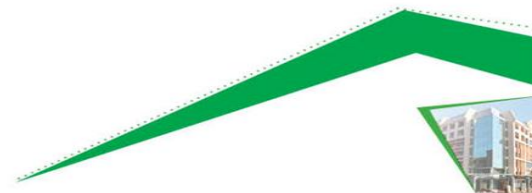
4.3 Specified Hazardous Chemical Substances

The PC is to supply the products required, Safety data sheets (SDSs) for each of the products envisaged to be utilized on site.

5 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

5.1 Notification of Construction work

The Principal contractor shall notify the Provincial Director Department of Labour in the form annexure 2, 7 days before commencing construction work as per Construction regulation 4.



5.2 Appointment of Competent Site Personnel

The CEO (OHSA S16.1) of the PC will take overall responsibility for the appointment of competent site staff for the duration of the project. Should the CEO not be personally involved in the project, the H&S responsibilities are to be delegated to the Site Agent (OHSA 16.2). This individual must have Knowledge and training in H&S. The candidate must produce certificates showing that he has the necessary training in health and safety aspects. All other legal appointments are to be made with relevance to the type of work required.

5.3 Construction Manager / Supervisors

Competent Construction Managers (CR 8.1) must be appointed to manage all the works and have training and/or experience in managing projects. The Construction Manager shall be on site and cannot manage any other construction site.

5.4 Construction health and safety officer

After consultation between the Client and the Principal Contractor a full time or Part time SACPCMP registered safety officer must be appointed.

5.5 Health and Safety Representative

PC must appoint a full-time health and safety representative when he / she has 20 employees and thereafter the Principal Contractor will be required to appoint SHE representatives for every 50 employees. The health and safety representatives must attend an accredited SHE representatives' course. The course must be provided by an accredited Entity.

The H&S representative will liaise and report to the full-time Construction Health and Safety Officer. The health and safety representative must attend health and safety audit meetings so that he / she can be equipped with what is happening on site.

5.6 Other Appointments

Not limited to but other legal appointments must be done as per the OHS Act 85 of 1993 and related regulations.

6 GENERAL RISK MANAGEMENT

6.1 Health Risks and Medical Surveillance

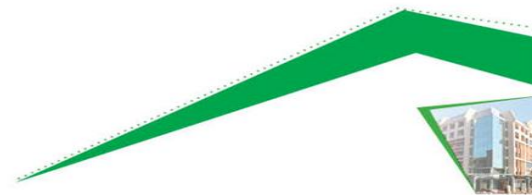
All workers (including those of Contractors and the so-called casual workers) are required to be in possession of a medical certificate of fitness issued by a registered **Occupational Medical Practitioner** prior to commencing work. Induction training will be conducted upon the completion of medical examinations.

All workers are required to be in possession of a medical certificate of fitness prior to commencing work.

Annual medical surveillance is required (unless identified as being required more frequently), as well as exit medical. The last payment certificate of the Principal Contractor should not be released without the exit medical certificates of all employees. There are instances where employees cannot be traced, PC must provide evidence of trying to trace the employee.

Arrangements for keeping medical records for the required time are to be noted.

It is preferable that the PC has a medical surveillance plan.



6.2 Emergency Procedures

An emergency plan and procedure that is appropriate to the risks is required prior to commencement on site. It is advised that the system should be simple and easy for any worker to follow.

The emergency plan is to ensure the inclusion of local service providers where possible. Such arrangements should be made with these people prior to the commencement of the project.

Local emergency telephone numbers must be displayed and made part of the emergency procedure.

The general principles of emergency management are to be applied as it applies to the hierarchy of control and management. The PC must consult with the Client in preparation of the emergency as buildings will be operational.

6.3 First Aiders and First Aid Equipment

Level 2 trained first aiders shall be appointed on site. The number of first aiders appointed will depend on the ratio. First aiders shall always be available on site, and be able to work as a team when responding to any emergency in the project.

Appropriately stocked first aid kits, at least to the requirements of the Annexure to the GSR 3, are to be always available to assure continual availability and access on site.

6.4 Fires and Emergency Management

Attention to emergency planning and procedures is very important. Requirement in terms of identified risks:

- Fire;
- Public Safety;
- Falls from heights,

The emergency plan is to ensure the inclusion of local service providers where possible. Such arrangements should be made with these people prior to the commencement of the project; the emergency plan is to include the risks of fire on site and related to any specific activities.

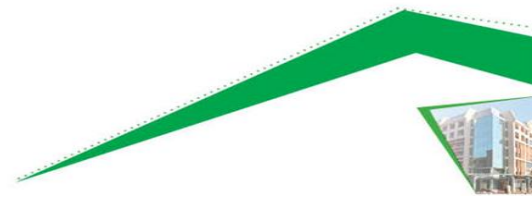
Fire extinguishers shall be appropriate for the risk and in sufficient numbers to deal with the type of fires that could occur. There shall be an appointed and trained fire fighter at all times on site as per Construction Regulations 29(h).

6.3.1 Incident Management and Compensation Claims

All incidents and accidents are to be investigated. All serious incidents involving any form of disabling injury or fatality are to be reported as per Section 24. This shall be confirmed in writing following the incident to the Client. Near misses must also be recorded because they are a very critical indicator of what could happen on site. Near misses must be analyzed in order to prevent them from becoming catastrophic events. There are always lessons to be learnt from the near misses.

6.3.3 Personal Protective Equipment to provide PPE to all employees free of charge The wearing of the identified SANS approved PPE at all times is non-negotiable.

- Hard hats;
- Protective footwear;
- Overalls that ensure worker visibility.
- Eye protection (if required)
- Hearing protection; (when exposed to noise)
- Reflective jackets/vests (no bibs);
- Respiratory protection (minimum of FFP2);



- Safety Harnesses with Lanyards when working above 2m at height
- Any other necessary PPE identified from SDS's and/or risk assessments.

6.5 Occupational Health and Safety Signage

On-site H&S signage is required. Signage shall be posted up at fixed or temporary working areas, or other potential risk areas/operations. These signs shall be in accordance with the requirements of the General Safety Regulations or SANS requirements as amended. Signage is to be noted on the site drawings indicating where fixed/temporary signage is required.

- 'Hard hat area' or other PPE requirements
- Fire extinguishers
- First aid box
- Assembly Area
- Smoking areas
- No Un-authorized entry.
- Asbestos
- Hazardous chemicals substances
- Safe for use / Unsafe for use (Scaffolding)
- Storage
- Live Overhead cables
- Safety construction sign. At the gate

Signs shall be posted at areas of work on site indicating that a construction site is being entered and that persons should take note of H&S requirements.

6.6 Induction of Employees and Visitors, General H&S Training

A simple, formal induction program is to be prepared which is site specific. Inductions must be carried out for all workers and visitors (including Client) to the site.

DSTI training is required to ensure workers are familiar with the risks and H&S measures of the work or tasks to be done.

Induction training must be provided before the workers may be allowed to commence their construction activities. Induction training must make employees aware of hazards and risks associated with their activities. Mitigation measures must be provided so that employees may not be exposed to pure risk. Supervisor must not allow any person to gain access to the site if they are not wearing the necessary PPE.

7 COMMUNICATION ON SITE

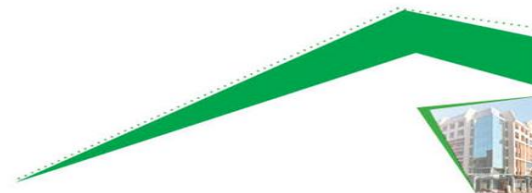
All H&S communication during the project between the Client and the PC will be done in writing, including the issue and responses to non-conformances and H&S audit results. The nonconformance identified during the audit must be dealt with within 5 working days. Principal Contractor must submit a closeout report after the issues has been managed and closed out. Repetitive deviations will attract a penalties.

8 CARE OF WORKERS ON SITE (WELFARE)

Adequate toilets(male & Female with signage), clean, safe drinking water and decent shelter must be always provided for all workers.

Hand washing facilities must be provided.

Waste procedures to be clearly documented.



Principal Contractor must provide proof of service slip for the ablution facilities.

If adequate toilets and water are not provided by the Principal Contractor, the site will be closed. The Principal Contractor shall provide proper accommodation for his / her employees and the Principal Contractor will be charged should employees be found camping on site. Employees will not be allowed to camp on site. Principal Contractor must not share ablution facilities with the Department. Demarcation shall be installed to separate Public Works personnel from construction activities. Tags (access control cards) shall be created for the identification of employees working on the project and the gate shall have a security to safeguard the site.

9 DISCIPLINE, ALCOHOL AND SUBSTANCE ABUSE

All employees (management included) are to follow instructions given in the interest of H&S. Disciplinary action is to be imposed on those who do not follow such instructions or company rules or policies.

No person shall work or access a site if under the influence of alcohol or other substances that could impact on their own or others safety.

10 WORKING AT HEIGHTS

A practical site-specific fall protection plan as per CR 10 needs to be compiled by a competent person as per unit standard 229994.

Scaffold erector and inspector to be appointed with competencies. All employees are to be declared medically fit by an occupational medical practitioner to work on heights. Scaffolding erectors must have an experience of 2 years post receipt of certificate of competence from an accredited service provider. Scaffolding inspector must have a minimum of 3 years working experience post receipt of competence certificate. Scaffoldings must be tagged safe for use / or unsafe for use. No employees should work on scaffolding that is tagged as unsafe to work on or scaffolding that is not tagged at all. Consequence management must be applied / instituted for employees who are found to be working on scaffolding that is not tagged at all.

Ladders must be safe to use, no defective ladders are permitted on-site. All defective ladders shall be tagged unsafe to use if faulty.

With roof work the effects of wind forces to be considered and if the wind is travelling at 35 km/h, no work should be undertaken outside the buildings. The employees should be allowed to do work inside the buildings. Principal Contractor to have a wind gauge to measure the wind speed. Daily risk assessment must be conducted by the Principal Contractor to determine which activities should be executed.

All work above 2m from ground level shall be deemed working at height. All personnel working at height shall have working at height training and certificates, shall have working at height medicals and to be in a full body harness with a lanyard attached at anchor points.

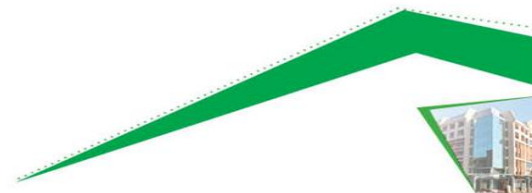
11. DEMOLITION WORK

The Contractor must provide a Demolition Method statement for approval by the Client. Dust control and noise reduction measures must be put in place before demolition starts.

All rubble and waste material must be removed from the site asap and registers thereof kept. Proof of disposal of the demolished material must also be provided and kept on record.

12. SLOPE (SITE CONDITIONS)

The Principal Contractor must consider the gradient of the site. The storage and handling of pipes must be treated with caution to avoid the rolling of pipes damaging the property and causing injury to persons. Pipes must be wedged to prevent the pipes from rolling.



13. EXCAVATIONS

The Principal Contractor is to provide a method statement for excavations, and this will be approved by the Client.

The Principal Contractor must ensure that all excavations are safe to enter prior to any work commencing.

Area being worked at needs to be properly barricaded or fenced off. Barricading must be done in such a manner that it prevents people and animals from falling into open excavations.

All deep excavations deeper than 5m must be sloped or shored to make the work environment for employees safe to work in.

If the material is collapsible, all excavations deeper than 2m must be shored, and shoring must be signed off by the Construction Manager before any work can take place in such excavation. Excavation must be properly managed. PC must indicate how long the excavation will exist before backfilling on their Method Statement for excavations.

All excavations on the site where employees are performing work must have a ladder for safe access in and out of excavation. The ladder must be long enough to protrude 900mm above the edge of the excavation. Excavations should preferably not be opened beyond what can be done daily.

DANGER TAPE OR CANDY TAPE IS NOT PERMITTED TO BE USED ON SITE AS A MEANS OF DEMARCATION!

Suitable material such as a hard-plastic mesh (long durability) adequately supported being able to withstand a normal person's weight and the elements (wind, rain) must be utilized as barricading. The PC must ensure that this is priced for in the BOQ. Orange Safety Net is to be used for barricading. The use of danger tape is prohibited.

All open excavations will be kept clean (dewatered) of standing water.

14. HOARDING

Adequate hoarding with green clothed net is to be done to reduce dust generation and prevent public entrance to site.

Security features must accompany the hoarding to maintain a secure environment for the existing occupants. Hoarding must be constructed to serve the purpose it is designed for. A 1.8m in height must be installed to prevent construction workers from mixing with hospital personnel.

15. DECANTING / PROVISION OF TEMPORARY STRUCTURES

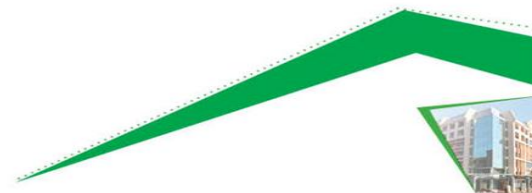
Temporary Structures (if possible) will be erected to accommodate staff while the principal contractor is doing work in certain areas of the Clinic. Cooperation will be required from the Public Works personnel; we will require them to relocate to the temporary structures. No work will be conducted where the Public Works staff refuses to vacate her/his office for the Principal Contractor to discharge his / her duties without putting the health and safety of persons at risk.

16. CONTRACTORS

The PC is to ensure that every contractor will comply with the health and safety specifications.

All contractor's health and safety files must be approved by the Principal contractor prior to any work commencing on site.

PC shall not allow any contractor to commence work without the letter of good standing from the COIDA / FEMA. Contractors will be audited by the Principal Contractor monthly. The Construction Health and Safety Auditors will sample the files of contractors to check if they are in good order.



17. WASTE DISPOSAL

- Under no circumstances may the disposal of waste building materials, rubble or rubbish of any sort be disposed of in the surrounding areas of the Municipality.
- All waste must be disposed of to an approved waste disposal site.
- Documentary proof of the use of an approved waste disposal site, in the form of weigh bills or invoices must be produced during the auditing process.
- Bins and / or skips shall be provided at convenient intervals for disposal of waste within the individual construction camps.
- Waste to be separated according to the following
 - General waste
 - Hazardous waste

18. STORAGE OF MATERIALS

Material stockpiles of stacks, such as pipes, must be stable and well secured to avoid rolling / collapse leading to injuries.

Flammable substances material will be stored separately

No material is to be stored in an unstable or high-risk areas, such as steep slopes / edge of excavations.

Choice and location of storage areas must be considered considering the prevailing wind conditions.

19 MANAGEMENT OF HAZARDOUS SUBSTANCES AND MATERIALS

Hazardous substances are defined as materials that are potentially poisonous, flammable, carcinogenic or toxic. Some examples of hazardous substances are:

- diesel, petroleum, oil.
- cement
- solvent based paints
- lubricants
- explosives
- drilling fluids
- hydraulic fluids
- pesticides
- LPG (gas)

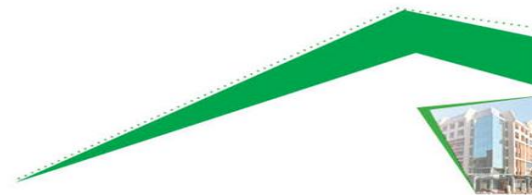
Safety Data Sheets (SDS's) shall be readily available on site for all chemicals and hazardous substances to be used on site. Where possible and available, SDS's should additionally include information on ecological impacts and measures to minimize negative environmental impacts during accidental releases or escapes.

20 ASBESTOS

Roof Sheets are identified to be asbestos containing material. Principal Contractor should therefore stick to Asbestos Abatement Regulation when dealing with asbestos. A registered Asbestos Contractor must be appointed to attend to asbestos containing material as stipulated in Asbestos Abatement Regulation 13 – 23. A specialist report on the presence of asbestos is to be used when developing the plans to manage the exposure of danger to employees and members of the public.

21 DELIVERY OF MATERIALS

The PC must reasonably manage all deliveries of material to site. Stacking and storage of materials to be properly coordinated.



The PC is to consider the neighbors and public in all its activities related to this construction work. Principal Contractor to use a different entrance for all construction activities including deliveries.

22 NON-CONFORMANCES

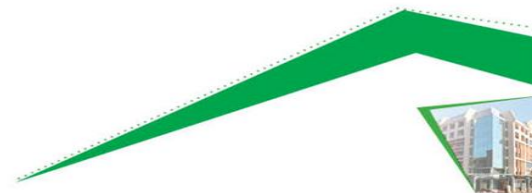
Should at any time, the work, or part of the works, be stopped due to unsafe acts or noncompliance with the Clients OHS Spec or PCs H&S Plan; PC shall have no claim for extension of time or any other compensation. Principal Contractor will be penalized for repetitive deviations.

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

In cases of any repetitive non-conformances, the non-conforming party shall be penalized as per the table below:

The following constitute examples of the types of non-conformances that will attract penalties:

Minor: Fine: R50/count	Medium: Fine: R500/count and a non- conformance	Severe Fine: R5000/count, a nonconformance and/or activity stoppage
Non-use of basic PPE supplied (e.g., Overalls, Safety Shoes, Hardhats) per person	Toilets not supplied or regularly serviced; lack of drinking water	Principal Contractors working without OHS Plan approval
Non completion of registers for plant and equipment on site	Principal Contractors not audited	Workers transported in contravention of the OHS Plan or legal requirements
Lack of OHS signage at work areas	Working without training or the appropriate OHS Method Statements / SWP / HIRA	Invalid/expired Letters of Good Standing with licensed Compensation Insurer
Tools and equipment identified in poor condition during inspections	Non-conformances identified during the previous audit and not addressed within the agreed time frame	Allow people to work at heights without proper training and PPE



	No internal monthly Audit Report on file.	Fall Arrest Harness not tied off / worn when a risk of falling exists
	No Medical Certificates of Fitness for relevant workers	Threat to the OHS of persons
	Unsafe work at heights	3rd Offence on Unsafe Work at Heights
	Poor Housekeeping	Failure to submit consolidated H&S report and relevant document.

All penalties shall be communicated to the Principal Contractor and the relevant Professional Team Members monthly. The Principal Contractor will be expected to confirm receipt of such penalties. The total deductible amount as per penalties issued shall be tabled in the Monthly Progress Meeting for noting purposes. All monthly penalties shall be deducted from the Certified Certificates submitted by the Principal Contractor.

23. HEALTH AND SAFETY FILE

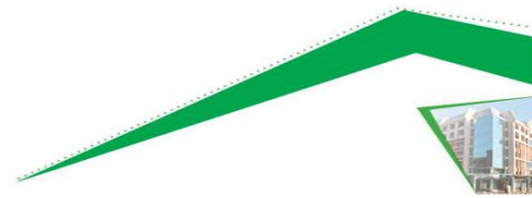
The documentation submitted and approved following the awarding of the contract will be used to form the H&S file. The H&S file is required to be laid out in a logical manner, and documentation filed within the file is to be easily accessible.

The following completed information shall be included (but not be limited to) as part of the index:

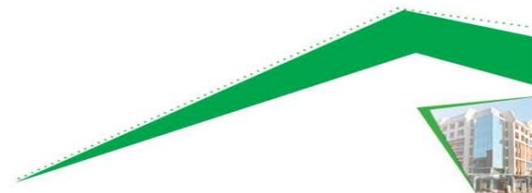
- The Site-Specific Health and Safety Specification. (From Client)
- The H&S Plan and Policy.
- Appointment by Client.
- Mandatory agreement with Client.
- Notification of Construction work permit and confirmation letter from DOL.
- Letter of good standing
- Record of Competencies (CVs) and appointments.
- Training Records.
- Method statements.
- Risk assessments.
- Safe work procedures.
- Emergency procedures and emergency numbers.
- Safety data sheets
- Medical surveillance records.
- Registers; and
- Employee records (who is on site)
- PPE issue
- Legislation

The Temporary works designer must be appointed in writing by the Principal Contractor. The Temporary Works Designer will ensure that the requirements of CR 12 are fully implemented. The temporary works designer must be a competent person who is registered as a Structural Engineer (ECSA Registration).

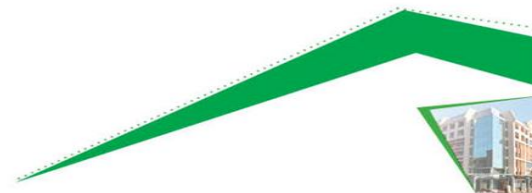
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	formwork collapse	broken bones, death					
Structural Work (Steel, Masonry, Carpentry)	Falling materials, sharp tools, falls from height	Lacerations, fractures, death	5	4	High	Tool safety protocols, guardrails, safety harnesses, hard hats	M
Working at Heights (roofing, painting)	Falls, falling objects, ladder collapse	Head injury, death	5	5	Critical	Fall protection, lifelines, edge protection, proper ladders/scaffolds, Full body harness with double lanyard. All work above 2m	H
Electrical Installations	Live wires, faulty tools, electrocution	Burns, cardiac arrest, fire	5	4	High	Lockout/tagout, certified electricians, insulated tools, testing before work	M
Plumbing and HVAC Work	Confined spaces, chemical exposure, water leaks	Asphyxiation, slips, dermatitis	5	3	Medium	Ventilation, gas detectors, confined space permit, PPE	L
Demolition	Dust, noise, structural instability, asbestos	Respiratory issues, hearing loss, collapse injuries	2	5	Medium	Engineering survey, dust suppression, hearing protection, asbestos management plan	L
Painting and Finishing	Solvent fumes, flammable materials, ladder falls	Fire, inhalation risks, injuries	2	5	Medium	Ventilation, non-flammable paints, safe ladder use, PPE (respirators)	L
Routine Maintenance (e.g., lighting, plumbing, HVAC)	Electrical shocks, slips, falls, exposure to mold	Injury, illness, minor to major accidents	2	5	Medium	Permit to work, lockout/tagout, regular inspections, PPE, housekeeping	L
Housekeeping and Waste Disposal	Trips, cuts, chemical exposure	Minor injuries, contamination	2	3	Low to Medium	Regular cleaning, proper waste segregation, labeled bins, training	L
Working with asbestos	Exposure to asbestos material	Lung infections, long time illness	4	5	High	Registered asbestos contractor, asbestos risk assessment and methodology.	M
Material Handling and Storage	Manual handling injuries, falling loads, fire hazard	Musculoskeletal injuries, crushing, fire	2	5	Medium	Mechanical aids, proper stacking, fire extinguishers, manual handling training	L
Use of Power Tools and Machinery	Cuts, noise, vibration	Hearing loss, amputations	4	3	Medium	Guards on tools, PPE (gloves, earplugs), operator training, maintenance logs	L
Scaffolding Erection and Dismantling	Collapse, falling from scaffolds,	Fractures, head injury, death	5	5	Critical	Qualified erectors, regular inspections, fall protection, proper base and anchorage	H

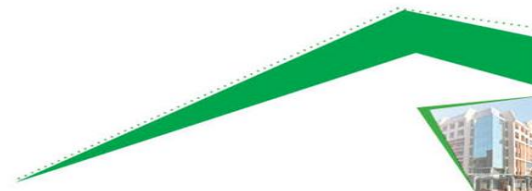


	falling objects						
Hot Works (Welding, Cutting, Grinding)	Fire, explosion, burns, eye injury	Severe burns, eye damage, fire spread	4	5	High	Hot work permits, fire watch, flame-resistant clothing, eye protection	M
Lifting Operations (Cranes, Hoists)	Load drop, equipment failure, overhead hazards	Crushing, fatal injuries	5	5	Critical	Trained operators, rigging inspection, exclusion zones, communication protocols	H
Noise and Vibration Exposure	Loud machinery, handheld tools	Hearing loss, hand-arm vibration syndrome	3	4	Medium	Hearing protection, job rotation, regular health monitoring	L
Chemical Handling (Paints, Adhesives, Solvents)	Toxic exposure, skin burns, inhalation	Respiratory problems, skin damage	2	5	Medium	SDS availability, proper ventilation, gloves, spill kits	L
Temporary Works	Collapse, instability, improper installation	Fatal injury, structural failure	5	4	High	Engineering sign-off, inspections, trained installers	M
Fire and Explosion Risk	Flammable materials, electrical faults	Burns, death, structural damage	5	4	High	Fire extinguishers, no-smoking zones, regular fire drills	M
Work Near Roads or Traffic	Vehicle collisions, poor visibility	Severe injury or death	5	4	High	Traffic management plan, high-visibility clothing, barriers	M
Manual Demolition	Flying debris, unplanned collapse	Lacerations, head injury, fatality	5	5	Critical	Controlled demolition plans, PPE, exclusion zones	H
Roof Work	Falls through fragile surfaces, weather exposure	Fatal falls, heat stress	4	4	High	Crawl boards, weather monitoring, edge protection, fall arrest systems	M
Excavations	Underlying services, deep excavations	Damage to underlying services, collapsing of open excavation	3	4	Medium	Scanning and drawing to detect underlying services, shoring for deep excavations, competent excavation supervisor	L
Working in Confined Spaces	Oxygen deficiency, toxic gases, entrapment	Asphyxiation, poisoning, death	5	5	Critical	Gas detection, confined space permit, standby personnel, rescue plan	H
Temporary Electrical Setups	Overloading, water ingress, poor insulation	Electrocution, fire	2	5	Medium	RCDs, waterproofing, regular inspection, certified electricians	L



Night Work / Shift Work	Fatigue, reduced visibility, decreased alertness	Increased accident rate, errors, injuries	1	5	Low	Adequate lighting, shift rotations, regular breaks, supervision	L
Working in Extreme Weather Conditions	Heat stress, hypothermia, lightning	Dehydration, illness, fatal injuries	4	4	High	Weather monitoring, hydration, rest shelters, appropriate clothing	M
Public Interaction (Renovations in Occupied Buildings)	Unauthorized access, complaints, trip hazards	Injury to public, project delays	2	5	Medium	Barriers, public notices, noise and dust control	L
Use of Temporary Access Platforms	Overturning, improper use, mechanical failure	Falls, crushing injuries	4	5	High	Operator training, equipment inspection, stabilizers, proper use protocols	M
Use of Hazardous Substances	Chemical burns, fumes, skin absorption	Health complications, dermatitis	2	5	Medium	PPE, correct labeling, training on safe use	L
Working Around Openings	Falls into openings, dropped objects	Fractures, head injury	4	5	High	Guardrails, covers, signage, secured tools	M
Emergency Situations (Fires, Gas Leaks, Structural Collapse)	Panic, exposure to hazard	Injury or fatality, property damage	5	5	Critical	Emergency response plan, drills, fire wardens, evacuation maps	H
Fatigue from Repetitive Tasks	Loss of focus, strain injuries	Errors, musculoskeletal disorders	2	4	Low	Task variation, rest breaks, ergonomic tools	L
Working with Pressurized Systems	Burst pipes, flying parts, noise	Cuts, hearing damage, impact injuries	4	3	Medium	Pressure release procedures, shielding, maintenance checks	L
Improper Use of PPE	Lack of protection from known hazards	Increased injury severity	3	4	High	Training, supervision, regular PPE audits	M
Unstable or Incomplete Structures	Collapse, unintentional load bearing	Crushing injuries, fatalities	5	4	High	Engineering reviews, bracing, access restriction	L
Tool and Equipment Failure	Broken handles, malfunctioning devices	Cuts, shocks, impact injuries	2	3	Low	Routine checks, timely replacements, operator reporting	L

A.



How do you assess risk levels?

Risk levels are categorized in a numbered format. Each hazard is given a rating, and this is multiplied by the probability that these hazards will occur, as shown in the following equation.

Risk level = Consequence x Likelihood

Step One

Give each hazard a severity marking as indicated in the table below:

Risk Level	Effect of hazard
5	Fatal impact
4	Permanent disabling impact
3	Disabling impact
2	Impact causing time off work
1	Basic first aid only

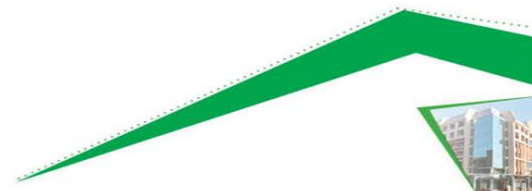
For example:

If slipping on the stairs (hazard) could result in death or disablement, then it must be given a rating of 4 or 5.

Step Two

The next step is to consider how often each hazard is likely to occur as indicated in the table below.

Risk Level	Likelihood of occurrence
5	Certain
4	Near certain
3	Very likely
2	Frequent



1	Seldom
---	--------

Step Three

Multiply the two scores together and you will get the risk level. This figure should be entered into the risk assessment form.

For example:

5 (hazard) multiplied by 3 (occurrence) = 15

Step Four

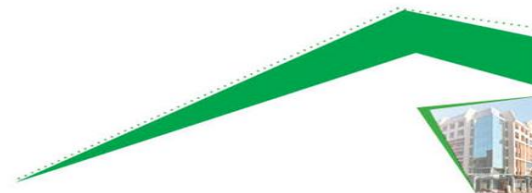
Employers must ensure that risks are reduced to the lowest extent **reasonably practicable**.

The legal definition of 'reasonably practicable' is 'any measure which can be reasonably carried out having regard to technical knowledge and acceptable expense'.

The following are **ratings** to help you gauge how quickly you need to put the controls in place.

The level of risk rating will help determine how urgently the risk needs to be attended to. The following is a guide:

<u>Risk Rating</u>	<u>Priority and timeframe for controls to be assigned to the hazard</u>
21-25	Critical (to be corrected immediately)
16-20	High (To be corrected within 24hours)
11-15	Medium (To be corrected within a week)
0-10	Low (To be corrected within a month)





PART C3

SCOPE OF WORKS



C3 SCOPE OF WORK

PROJECT TITLE:	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER:	SCMU5-AN26/27-0006

C3.1 SCOPE OF WORKS

DESCRIPTION OF THE WORKS

This specification is for the effective and **comprehensive maintenance**, general and ad-hoc repair and replacement of heating, ventilation and air conditioning (HVAC) equipment of various buildings for the Department of Public Works and Infrastructure. The general requirements and main actions with ancillary equipment are mentioned below:

- 3.1.1 Comply with all health and safety requirements as per Occupational Health and Safety Act as well as this specification.
- 3.1.2 Provide a health and safety plan for approval complete with all the requirements of the OHS Act and this specification.
- 3.1.3 Provide public liability insurance to cover the owner, user, Department of Public Works, any other Government Department and the contractor against any accidental death or injury caused by failure or malfunction of the passenger and stair lifts and associated systems. The value of the liability insurance shall be at least R5M per incident.
- 3.1.4 Do **comprehensive** periodic maintenance, inspections and repairs resulting from general wear and tear and as required by the manufacturers, relevant regulations, risk assessment and this specification.
- 3.1.5 Report any additional repairs to equipment not previously listed but required to ensure compliance.
- 3.1.6 Replacement of mechanical equipment when instructed by the designated representative from DPWI.
- 3.1.7 Attend to emergency repairs.
- 3.1.8 Provide all test certificates, compliance certificates and regulatory requirements for the replacement of air-conditioners.
- 3.1.9 All other items and requirements, whether specifically mentioned or not, for a complete, functional, safe and durable passenger lift complying with all the relevant codes and specifications.



MAINTENANCE CKECKLIST

- 3.1.10 The check lists provided, together with the requirements of the manufacturer and regulations, are the minimum maintenance actions and checks that must be carried out. The check lists must be adjusted to comply with any amended/updated mandatory requirement when required
- 3.1.11 The check lists must be completed in full and signed by the authorized air conditioning mechanic/technician as well as the departmental representative.
- 3.1.12 The signed check lists must be submitted to the Department of Public Works for safe keeping. No payment will be processed without the relevant signed check list.

REPLACEMENT OF SINGLE SPLIT TYPE AIR CONDITIONERS

In the event that any single split type air conditioner replacement, the following specifications shall apply:

3.1.13 MIDWALL SINGLE SPLIT TYPE AIR CONDITIONERS

- a) The units must be able to utilise an inverter controlled DC swing compressor which varies its speed to match its capacity to the cooling load.
- b) The air-conditioning unit to be installed shall be of the heat pump type for cooling and heating with Inverter Power Control for DC compressor motor, DC fan motor and hermetically sealed swing compressor.
- c) Nominal energy efficiency rating (EER) for cooling shall be as per specification table. Nominal coefficient of performance (COP) for heating shall be as per specification table.
- d) The unit shall have auto restart after power failure and 24-hour on/off timer.
- e) The indoor unit must have a flat panel design for better air flow and easier cleaning and must also have a dual flap auto sweep and titanium apatite photo catalytic deodorising filter.
- f) The indoor unit must have quiet sound pressure levels as per specification table.
- g) The outdoor unit casing shall be constructed from steel, phosphated and epoxy powder coated.
- h) The condenser coil shall be treated with an anti-corrosion chemical coating or treatment of a similar quality and applied by a certified applicator using proper high pressure spraying equipment and following the certified treatment procedure.
- i) The outdoor unit fan grille shall be made of corrosion proof polycarbonate.



- j) The compressor shall be protected from damage by high and low pressure safeties and have high/low voltage protection.
- k) All refrigeration piping and electrical cables inside and outside the room shall be enclosed in PVC trunking, all open ends of PVC trunking shall be sealed off by means of end caps or where not possible the open ends shall be finished off by using expandable foam.
- l) Where expandable foam is used it shall be finished off in a neat manner and all excess foam to be removed from wall and PVC trunking to the satisfaction of the Chief Works Inspector (M).
- m) Where PVC trunking is used, all right angle joints shall be 45° mitred by means of a cutting tool and after installation all joints shall be finished off in a neat manner by means of white silicone sealant.
- n) After installation, all indoor unit, outdoor unit, wall and PVC trunking shall be cleaned by means of suitable liquid cleaner.
- o) All refrigeration piping shall be suitable for R410A refrigerant.
- p) The piping is to be insulated with thermoflex zip on sections or insulating material of other approved manufacture. The insulating materials are to be applied as per manufacturer's recommendations.

3.1.14 AIR PURIFICATION SYSTEM (FILTER)

- a) The air conditioner offered shall be fitted with titanium apatite photocatalytic deodorising air purification system (filter) capable of the removal of microscopic contaminants and dust, and shall be easily removable and washable for re-use.

3.1.15 MOUNTING DETAIL (SINGLE SPLIT TYPE AIR CONDITIONER)

- a) The exact positions of the evaporative unit inside and the condensing unit outside shall be indicated on site by the Chief Works Inspector (M).
- b) The evaporative unit inside shall be installed in a level position by means of a spirit level, the exact position will be indicated on site, on the inside of the building wall.
- c) The evaporative unit inside shall be installed flush against the wall and where the wall is not plastered correctly the evaporative unit shall be finished off in a neat manner. No uneven gap between the evaporative unit and the wall will be allowed
- d) If the mechanical contractor fails to contact the Chief Works Inspector (M) and install the evaporative unit inside and the condensing unit outside at his own discretion it will be for his own account if positions are not to the satisfaction the Chief Works Inspector (M).
- e) The condensing unit shall be securely fixed onto purpose made 50mm rigid double lipped galvanised channel iron sections and shall be installed in a level position by means of a spirit level, the exact position will be indicated on site, on the outside of the building wall.



- f) The double lipped galvanised channel iron sections shall be fitted with the open ends facing away from the building and T sections facing upwards, galvanised spring lock nuts shall be used to secure the outdoor unit onto the galvanised channel iron T sections.
- g) The refrigeration piping and electrical cables between the indoor and outdoor unit are to be secured neatly against wall inside PVC trunking and open ends of PVC trunking shall be closed with end caps or where not possible the open ends shall be finished off by using expandable foam.
- h) Where expandable foam is used it shall be finished off in a neat manner and all excess foam to be removed from walls and PVC trunking to the satisfaction of the Chief Works Inspector (M).
- i) Where PVC trunking is used, all right angle joints shall be 45° mitred by means of a cutting tool and after installation all joints shall be finished off in a neat manner by means of white silicone sealant.
- j) After installation, all indoor unit, outdoor unit, wall and PVC trunking shall be cleaned by means of suitable liquid cleaner.
- k) Drain pipe constructed from PVC piping (Blue) complete with PVC fittings (Grey), elbows, T's etc., are to be installed and suitably sloped for condensate removal to terminate in the nearest water channel outside the building, or will have elbows (Grey) and terminate just above ground level and $\pm 100\text{mm}$ away from building outside wall as pointed out on site (No electrical PVC conduit piping will be allowed).
- l) The drain pipes are to be neatly and securely fixed to the exterior walls where it protrudes from the PVC trunking, using PVC holderbats (No electrical cable clips allowed).

3.1.16 INFRARED REMOTE CONTROL

- a) The split type air-conditioner shall be complete with infrared remote control.
- b) The infrared remote control shall be mounted against the wall and the exact position will be indicated on site.
- c) At the end of the installation, the infrared remote control will be handed over to the responsible person at the facility and the contractor is to make sure that he/she gets a signed letter of acceptance from the responsible person for the infrared remote control.
- d) Failing the above it will be for the contractor's own account if the infrared remote control is missing at Practical Completion inspection.

3.1.17 HOLE THROUGH WALL (SINGLE SPLIT TYPE AIR CONDITIONER)

- a) The mechanical contractor will be held responsible for any damage to the walls etc., caused by him during this contract and making good thereof.
- b) The hole through the wall will be done by using a core drill and it will be the responsibility of the mechanical contractor to obtain or hire a core drill.



- c) A P.V.C. sleeve of adequate size to accommodate the piping and wiring are to be neatly fitted in the hole formed in the wall and no cutting or joining of the P.V.C. sleeve will be allowed.
- d) After installation of the P.V.C. sleeve, piping and cables fitted through the sleeve, the mechanical contractor will contact the Chief Works Inspector (M) for inspection and approval of the sleeve and hole through the wall before sealing and closing of the above.
- e) If the mechanical contractor fails to contact the Chief Works Inspector (M) and close and seal the hole through the wall at his own discretion it will be for his own account if the above was not inspected and approved by Chief Works Inspector(M).
- f) On completion of the installation, the hole is to be neatly sealed off to be left in weather and vermin proof condition, all to the satisfaction of the Chief Works Inspector (M).

REPLACEMENT OF CONSOLE INVERTER TYPE AIR CONDITIONERS

In the event that any single split type air conditioner replacement, the following specifications shall apply:

3.1.18 CONSOLE INVERTER TYPE AIR CONDITIONER

- a) The new console type air conditioning units shall be complete, incorporating rotary compressor, 2 speed evaporator fan control, slinger ring condensate water removal (in cooling mode), unit mounted electronic touchpad control panel, four-way air deflection, refrigerant R-410A and compressor with internal thermal protector.
- b) Install each unit not less than 100mm above the finished floor level to avoid restriction of return airflow. The exact positions shall be pointed out on site by the Chief Works Inspector (M).
- c) Integrated steel with interior wall sleeve will be installed into existing wall openings and be built up to suit and to support the console unit.
- d) External flush mounted aluminium louver fitted to outside of building to complete the installation.

3.1.19 ARCHITRAVES

- a) Architraves shall be made up of meranti wood 19mm thickness x 70mm width and installed in such a manner to ensure a proper seal and tight fit. The architraves finishing shall be of such a nature to ensure good aesthetics.
- b) The joints shall be perfect 45° and mitred finished. Joints with gaps shall not be allowed. Where carpets, floors etc. are disturbed during the installation it shall be made good to the entire satisfaction of the Chief Works Inspector (Building).
- c) Fix architraves with 6mm x 60mm easy drives (anchors) to wall. Easy drives to be sunken to timber and be filled with an approved wood filler.



- d) The architraves to be painted white enamel or equal. Timber to be sanded smooth all knots and holes to be filled with an approved wood filler. Apply one (1) x coat pink wood primer all round, wait to dry and sand lightly. Apply one (1) x coat universal under coat all round, wait to dry and sand lightly. Apply two (2) x finishing coats paint, wait to dry and sand lightly between coats.
- e) The console units to be mounted to the architraves.
- f) The architraves installation shall be to the entire satisfaction of the Chief Works Inspector (Building).

REPLACEMENT OF ELECTRONIC PRESSURE CONTROL DAMPER

In the event that any electronic pressure control damper, the following specifications shall apply:

3.1.18 ELECTRONIC PRESSURE CONTROL DAMPER

- a) The complete electronic pressure control damper shall be replaced to suite the existing installation
- b) The pressure control damper shall control supply air duct pressures accurately.
- c) The unit shall have linear airflow response to actuator movement and low noise
- d) generation throughout the airflow range.
- e) The PCD shall be complete with a Lindrive Push-Pull Actuator. The controller shall supply a 24VAC 3-point floating signal to control the Actuator.
- f) The unit shall be complete with pressure controller including controller box and transformer and pressure sensor complete with 20m cable to complete the installation.



PART C4

SITE INFORMATION



C4.1 SITE INFORMATION

PROJECT TITLE:	TWO-YEAR TERM CONTRACT FOR SERVICING, REPAIRS AND MAINTENANCE OF MECHANICAL EQUIPMENT FOR DEPARTMENT OF SOCIAL DEVELOPMENT IN ALFRED NZO DISTRICT
SCMU NUMBER:	SCMU5-AN26/27-0006

GENERAL

Prospective bidders to familiarize themselves with the locality, access, any other “restrictions”. The area consists of all the buildings belonging to the Provincial Department of Public Works & Infrastructure in the following areas and towns:

1) LIST OF BUILDINGS IN ALFRED NZO REGION (MOUNT ALYIFF, MATATIELE, NTABANKULU, MALUTI)

Department of Social Development		
Name of Office	Area	Physical Address
Department of Social Development: Service office	MOUNT AYLIF	Department of Public Works & Infrastructure • Corner of Nkosi Senyukele Jojo and Ngqubusini Street, Off Ntsizwa Street • Mt Ayliff • 4735
Department of Social Development: District office	MOUNT AYLIF	Next to DPW&I, Mount Ayliff, - 30.801222,29.372838
Department of Social Development: District office	NTABANKULU	Upper Mainstreet, Bizana, 4800, Next to Total Garage
Maluti District office	MALUTI	Erf 111, Erf 112, Erf 816 and Erf 206
Maluti Place of Safety	MALUTI	
Maluti District office	MATATIELE	
Department of Social Development	BIZANA	

Buildings currently are occupied.

Geotechnical Investigation Report (if applicable)? N/A



ANNEXURE 1

OHS SPECIFICATION

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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 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, repair, 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 optimize 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 falsework, 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 be 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 construction 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 subcontractor 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 subcontract 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;

- 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 Responsibilities towards employees and visitors

1. The contractor shall as far as is 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.
- iii. The contractor shall ensure that no asbestos.

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;
 - 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

- a) 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.
- b) 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.
- c) 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.
- d) 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:
- e) 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.
- f) 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 a brief curriculae 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 curriculae 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 sub-contractors 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.

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:

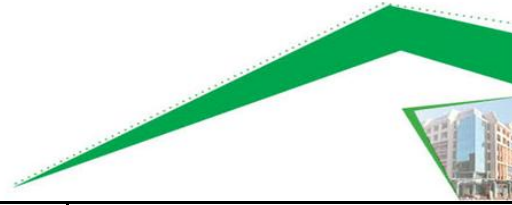
- a) Site establishment
- b) Dealing with existing structures
- c) Location of existing services
- d) Boundary & Access control/Public liability exposures
- e) Protection against heat exhaustion, dehydration, wet & cold conditions
- f) Dealing with HIV & aids other related diseases
- g) Use of portable electrical & explosive tools
- h) Any Excavation work
- i) Any welding work
- j) Loading & offloading of trucks
- k) Driving & operations of Construction vehicles & mobile plant
- l) Temporal works and
- m) Construction work as defined in the construction regulation 2014



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

Administrative & Legal Requirements

(a) OHS Act Section/ (b) Regulation	b) Subject	(1) Requirements
Construction. Regulation	Notice of carrying out Construction work	- Department of Labour notified - Copy of Notice available on Site
General Admin. Regulation 4	Copy of OH&S Act (Act 85 of 1993)	- Updated copy of Act & Regulations on site. - Readily available for perusal by employees.
COID Act Section 80	Registration with Compensation Insurer.	Written proof of registration/Letter of good standing available on Site
Construction. Regulation 4 & 5(1)	H&S Specification & Programme	- 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	- 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)	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	- Competent person appointed in writing as - Construction Supervisor with job description
Construction. Regulation 6(2)	Designation of Assistant for above	- 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	- 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	• H&S Committee/s established. • All H&S Reps shall be members of H&S Committees • Additional members are appointed in writing. • Meetings held monthly, Minutes kept. • Actioned by Management.
Section 37(1) & (2)	Agreement with Mandatories/ (Sub-)Contractors	• Written agreement with (Sub-)Contractors • List of Sub-contractors 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)	• 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	• 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	• 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	- 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 - 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.	- 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	- 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	- 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)	• 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	• 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 • Separate, purpose made storage available for full and empty vessels
General Safety Regulation 13A	Inspection of Ladders	• 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	• 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 damage 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.

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 metres.

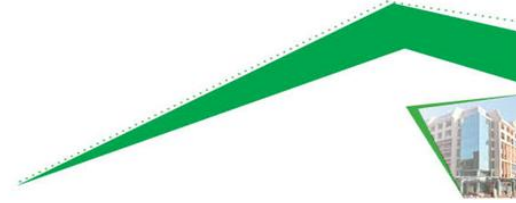
Above heights of 2.0 metres, fall prevention equipment shall include fall arrest equipment. Users of fall arrest equipment shall, amongst other things be trained in what an appropriate load bearing point is for connecting fall prevention equipment.

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

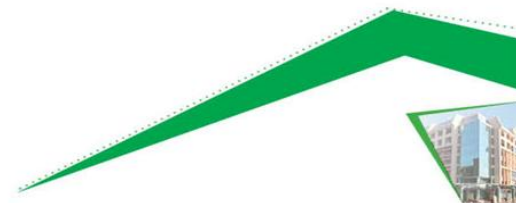
All contractors shall submit a risk profile of the work to be conducted with their Health and Safety Plan.

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	



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

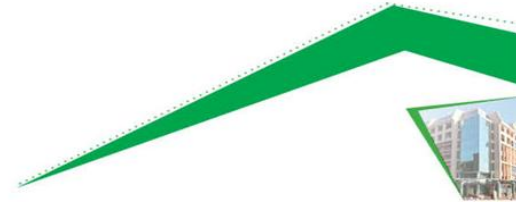
The contractor shall submit for acceptance to the employer's health and safety agent an emergency procedure which include but are not limited to fire, spills, accidents to employees, exposure to hazardous substances, which:

- 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.



ANNEXURE 2

- 1. COMPREHENSIVE MAINTENANCE**
- 2. MAINTENANCE INSPECTION CHECKLIST**
- 3. MAXIMUM DOWNTIME**
- 4. LIST OF EQUIPMENT**



1. ROUTINE SERVICING AND MAINTENANCE WORK (COMPREHENSIVE MAINTENANCE)

Comprehensive Maintenance shall cover the following HVAC equipment:

1.1 HVAC (Air-conditioning Unit) Equipment

- Intelligent touch manager with ltm plus adaptors
- VRV inverter type air-conditioners and associated equipment
- Fresh air handling units
- Ducted in line extraction units
- Console inverter type air-conditioners
- Single split inverter type air-conditioners
- Cassette type air conditioners
- Ventilation systems
- Extraction fans

This may include, but is not limited to examine, clean, lubricate, adjust and repair and/or replace the following covered components (As per manufacturer's recommendation):

1.2 Basic Components

- Compressors
- Fans
- Filters
- Indication lamps
- Air inlet diffusers
- Return air grills
- Fire dampers
- Heater bank coils



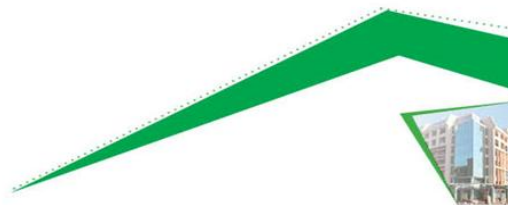
- Thermostats
- Gearboxes
- Controllers, including, speed drives transformers, capacitors, circuit breakers and/or isolators
- Anti-vibration mountings
- Evaporator and condenser coils
- Bearings
- Valves
- Drip trays
- Remote controls
- Safety devices
- Weather cowls and shutters
- Condensate drain pipes

1.3 **General**

- i) Only parts manufactured in accordance with manufacturer's specification shall be used.
- ii) The Contractor shall inform the Client in writing of any hazardous or undesirable situation observed during maintenance.
- iii) The Contractor shall provide all parts lubricants, cleaning material, cotton rags, tools and equipment necessary to fulfil maintenance responsibilities.

2. **HVAC INSPECTION CHECKLIST**

The tasks listed is for a generic service regime. Where this Task List included below does not include manufacturer's servicing specifications, the Original Equipment Manufacturer's servicing specifications must be added, as all services are to be carried out in accordance with the manufacture's specification.



2.1 **CHECK, REPAIR AND MATERIALS REPLACE LIST FOR SERVICING OF VRV AIR-CONDITIONERS**

- a) All VRV outdoor units shall be cleaned as per manufacturer's recommendation and specification.
- b) Check inverter fans for correct operation. Check for missing fasteners and replace.
- c) Check inverter and standard compressor operation and crank case heaters on all outdoor VRV units and ensure compressors are properly anchored to isolators (anti vibration mountings) and vibration free.
- d) Check all expansion valves, solenoid valves, four way valves, pressure regulating valves, sub-cooling heat exchangers, refrigerant regulators, thermistors, high and low pressure sensors and HP pressure switches (for INV compressors) on VRV outdoor units for correct operation. Check refrigerant charge, refrigerant operating pressures and log. Test for refrigerant leaks, repair, pressure test, recharge, recommission and report.
- e) Clean all electrical panels. Check all power cabling, circuit breakers, contactors and isolators for any defects. Tighten all electrical connections. If any electrical defects are found, submit a written report to the Chief Works Inspector(M).
- f) Check power transformers and capacitors on outdoor units for proper functioning.
- g) Check indoor and outdoor units for malfunction codes, do troubleshooting and report.
- h) Check all BS-units for correct operation, secure and vibration free installation.
- i) Clear all condensate drains and clean all condensate drip trays. Service and clean all condensate pumps and check for correct operation.
- j) Check all covers, panels, trunking, safety grills, etc. on outdoor units for loose fasteners and adjust accordingly. Check for corroded and missing fasteners and replace.
- k) Clean condenser coils, condenser fans and interior area of VRV outdoor units.
- l) Check indoor and outdoor fan motors and lubricate bearings where applicable.
- m) All outdoor casings and fan guards etc. shall be treated with clear coat anti corrosion coating where required.



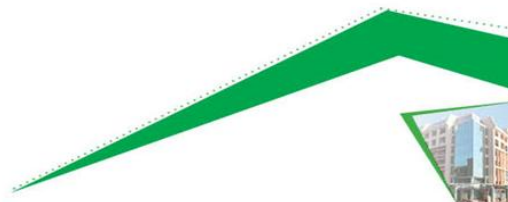
- n) Clean all supply and return air filters and report where replacement is required.
- o) Generally clean all ceiling and side wall diffusers, evaporators, barrel fans, evaporator coils, weather louvres, grilles and surrounding areas.
- p) Clean all heat exchangers.
- q) Check condition of condenser coils, starting equipment, switches, thermostats and report.
- r) Check all PC boards, electrical switchgear, LED's and controllers for correct operation and defects and report.
- s) Check heating and cooling mode operation. Check main and slave controls for rooms, main controllers for plant and variable speed drives for correct operation. Report any defects or malfunctions.
- t) Check systems and plant for vibrations and report.
- u) Properly clean all surrounding outdoor unit floor area.
- v) Check plant for proper operation and report any defaults not listed above.

2.2 CHECK, REPAIR AND MATERIALS REPLACE LIST FOR SERVICING OF AIR-COOLED SPLIT SYSTEM DUCTED AIR-CONDITIONERS

- a) Check heating/cooling/fan operation before disconnecting air-conditioners. Repair faults where necessary.
- b) Outdoor units shall be high-pressure cleaned, dried and clean outdoor casings and surrounding areas and observe for correct operation at client's premises.
- c) Check all power cabling, circuit breakers and isolators for any defects. If any electrical defects are found, submit a written report to the Chief Works Inspector(M).
- d) Check power transformers and capacitors on outdoor units for proper functioning.

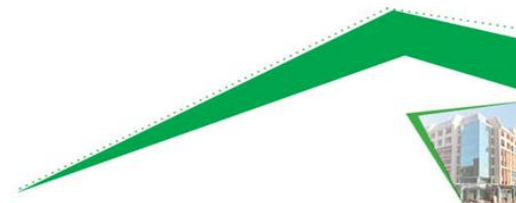


- e) Check compressor operation on all air-conditioners and ensure compressors are properly anchored to isolators (anti vibration mountings) and vibration free.
- f) Treat condensate drip trays for corrosion.
- g) Clear condensate drains.
- h) Check all base, cover, panel, barrier, and motor assemblies on outdoor units for loose and missing fasteners and adjust accordingly.
- i) Check all safety grills, canter lever assemblies on outdoor units, replace bolts, nuts etc. where missing.
- j) Clean evaporator and condenser fans.
- k) Check fan motors and lubricate bearings as necessary.
- l) All outdoor casings shall be treated with clear coat anti corrosion coating where required.
- m) Check all reversing, check, and service valves for correct operation. Test for refrigerant leaks, repair, pressure test, recharge, recommission and report.
- n) Check all amperage readings, record and report if readings are not correct.
- o) Ensure that mounting plate assembly of evaporators are correctly installed against wall.
- p) Check condition of evaporator and condenser coils, starting equipment, switches, thermostats and repair where necessary.
- q) Clean all air filters.
- r) Replace all v-belts and ensure correct tension as per manufacturer's specification.
- s) Clean all air inlet diffusers and return air grills.
- t) Check plant for proper operation and report any defaults not listed above.



2.3 CHECK, REPAIR AND MATERIALS REPLACE LIST FOR SERVICING OF MULTI SPLIT DUCTEDTYPE AIR-CONDITIONERS

- a) Check heating/cooling/fan operation before disconnecting air-conditioners. Repair faults where necessary.
- b) Outdoor units shall be high-pressure cleaned, dried and clean outdoor casings and surrounding floor areas and observe for correct operation at client's premises.
- c) Check all power cabling, circuit breakers and isolators for any defects. If any electrical defects are found, submit a written report to the Chief Works Inspector(M).
- d) Check power transformers and capacitors on outdoor units for proper functioning.
- e) Check compressor operation on all air-conditioners and ensure compressors are properly anchored to isolators (anti vibration mountings) and vibration free.
- f) Treat condensate drip trays for corrosion.
- g) Clear condensate drains.
- h) Check all base, cover, panel, barrier, and motor assemblies on outdoor units for loose and missing fasteners and adjust accordingly.
- i) Check all safety grills, canter lever assemblies on outdoor units, replace bolts, nuts etc. where missing.
- j) Clean evaporator and condenser fans.
- k) Check fan motors and lubricate bearings as necessary.
- l) All outdoor casings shall be treated with clear coat anti corrosion coating where required.
- m) Check all reversing, check, and service valves for correct operation. Test for refrigerant leaks, repair, pressure test, recharge, recommission and report.
- n) Check all amperage readings, record and report if readings are not correct.



- o) Ensure that mounting plate assembly of evaporators are correctly installed against wall.
- p) Check condition of evaporator and condenser coils, starting equipment, switches, thermostats and repair where necessary.
- q) Check the air filters, wash or replace as necessary.
- r) Clean all air inlet diffusers and return air grills.
- s) Check plant for proper operation and report any defaults not listed above.

2.4 CHECK, REPAIR AND MATERIALS REPLACE LIST FOR SERVICING OF CONSOLE TYPE AIR-CONDITIONERS

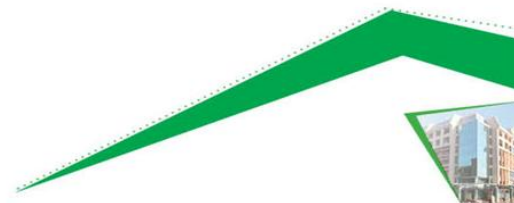
- a) Check heating/cooling/fan operation before disconnecting console type air-conditioners. Repair faults where necessary.
- b) The complete console type air-conditioners including coils, outdoor grills, architraves, deflector vanes, control buttons, panels and surrounding areas shall be properly cleaned.
- c) Check all power cabling, circuit breakers and isolators for any defects. If any electrical defects are found, submit a written report to the Chief Works Inspector(M).
- d) Check power transformers and capacitors on outdoor units for proper functioning.
- e) Check compressor operation on all air-conditioners and ensure compressors are properly anchored to isolators (anti vibration mountings) and vibration free.
- f) Treat condensate drip trays for corrosion as required.
- g) Clear condensate drains.
- h) Check all base, cover, panel, barrier, and motor assemblies on console units for loose and missing fasteners and adjust accordingly.



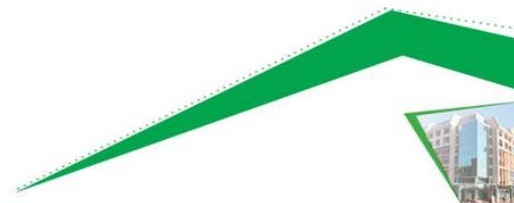
- i) Check all safety grills on console units, replace bolts, nuts etc. where missing.
- j) Clean evaporator and condenser fans.
- k) Check fan motors and lubricate bearings as necessary.
- l) All outdoor casings shall be treated with clear coat anti corrosion coating where required.
- m) Check all reversing, check, and service valves for correct operation. Test for refrigerant leaks, repair, pressure test, recharge, recommission and report.
- n) Check all amperage readings, record and report if readings are not correct.
- o) Check each unit for stable and movement free installation into wall cavities. Rectify where necessary.
- p) Ensure each console unit cavity has been adequately sealed and weather proofed.
- q) Check condition of evaporator and condenser coils, starting equipment, switches, thermostats and repair where necessary.
- r) Check the air filters, wash or replace as necessary.
- s) Generally clean evaporators, barrel fans, evaporator coils, surrounding areas and observe for correct operation.
- t) Check plant for proper operation and report any defaults not listed above.

2.5 CHECK, REPAIR AND MATERIALS REPLACE LIST FOR SERVICING OF SINGLE SPLIT TYPE AIR-CONDITIONERS

- a) Check heating/cooling/fan operation before disconnecting air-conditioners. Repair faults where necessary.



- b) Outdoor units shall be high-pressure cleaned, dried and clean outdoor casings and surrounding areas and observe for correct operation at client's premises.
- c) Check all power cabling, circuit breakers and isolators for any defects. If any electrical defects are found, submit a written report to the Chief Works Inspector(M).
- d) Check power transformers and capacitors on outdoor units for proper functioning.
- e) Check compressor operation on all air-conditioners and ensure compressors are properly anchored to isolators (anti vibration mountings) and vibration free.
- f) Treat condensate drip trays for corrosion as required.
- g) Clear condensate drains.
- h) Check all base, cover, panel, barrier, and motor assemblies on outdoor units for loose and missing fasteners and adjust accordingly.
- i) Check all safety grills, canter lever assemblies on outdoor units, replace bolts, nuts etc. where missing.
- j) Clean evaporator and condenser fans.
- k) Check fan motors and lubricate bearings as necessary.
- l) All outdoor casings shall be treated with clear coat anti corrosion coating where required.
- m) Check all reversing, check, and service valves for correct operation. Test for refrigerant leaks, repair, pressure test, recharge, recommission and report.
- n) Check all amperage readings, record and report if readings are not correct.



- o) Ensure that mounting plate assembly of evaporators are correctly installed against wall.
- p) Check condition of evaporator and condenser coils, starting equipment, switches, thermostats and repair where necessary.
- q) Check the air filters, wash or replace as necessary.
- r) Generally clean evaporators, barrel fans, evaporator coils, surrounding areas and observe for correct operation.
- s) Check plant for proper operation and report any defaults not listed above.
- t) Check all remote controls for correct operation.

2.6 CHECK, REPAIR AND MATERIALS REPLACE LIST FOR SERVICING OF VENTILATION AND EXTRACTION PLANT

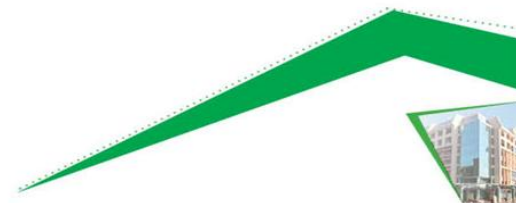
- a) Replace sixteen (16) x primary air filters.
- b) Check filter frame for surface corrosion. Check filter gaskets and filter hold down clamps.
- c) Clean heater bank coils, drip trays and check operation of all solenoid valves.
- d) Check all anti-vibration mountings of ventilation and extraction plant.
- e) Check all motors for correct installation, operation and electrical connections. Check all voltages, amps at motor and distribution board. Check all contactors and circuit breakers for correct operation.
- f) Check terminal tightness, overloads and indication lamps replacing as required.
- g) Lubricate all bearings.
- h) Check extraction fans for correct operation, balancing and blades for cracks, etc.



- i) Clean all air inlet diffusers and return air grills.
- j) Replace all fan belts and ensure correct tension according to manufacturer's recommendation and specification.
- k) Thoroughly clean all plant rooms for ventilation and extraction plant.
- l) Ensure fan belt cover guards are correctly installed after replacement of belts.
- m) Check and clean fan housing, blades, outlet cowl and grills of extract fans.
- n) Check and clear all condensate drains.
- o) Check operation of speed drive and controller for correct operation and settings. Adjust accordingly.
- p) Check all fire dampers and report.
- q) Check plant for proper operation and report any defaults not listed above.

2.7 CHECK, REPAIR AND MATERIALS REPLACE LIST FOR SERVICING OF PRE-CONDITIONED FRESH AIR-UNITS

- a) Clean all weather louvres and filters.
- b) Clear all condensate drains.
- c) Check and clean all fan motors and blades.
- d) Check all electrical switchgear and tighten all electrical connections.
- e) Check and clean heat recovery heat exchanger and heat exchanger.



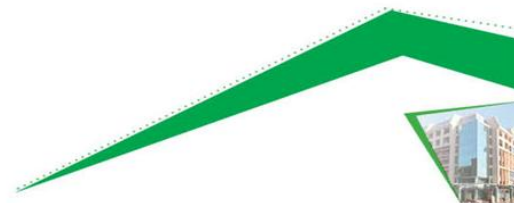
- f) Check plant for loose and missing fasteners. Tighten accordingly.
- g) Check plant for vibrations.
- h) Check and clean unit inside and outside state.
- i) Check system for correct air flow and report.
- j) Check plant for proper operation and report any defaults not listed above

2.8 CHECK, REPAIR AND MATERIALS REPLACE LIST FOR SERVICING OF EXTRACTION FANS

- a) Check electrical supply and extraction unit for correct operation.
- b) Check safety devices.
- c) Check extraction units for excessive noise.
- d) Clean all weather cowls, shutters, fan motors and blades.
- e) Check and tighten all electrical connections.
- f) Check units for proper operation and report any defaults not listed above.

2.9 CHECK, REPAIR AND MATERIALS REPLACE LIST FOR SERVICING OF DUCTED IN-LINE EXTRACTION UNITS

- a) Check electrical supply and extraction unit for correct operation.
- b) Check safety devices.



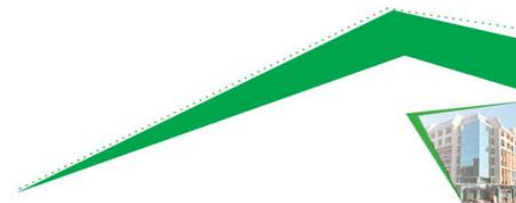
- c) Check extraction units for excessive noise.
- d) Clean all weather louvres, shutters, fan motors and blades.
- e) Check and tighten all electrical connections.
- f) Check units for proper operation and report any defaults not listed above

2.10 CHECK, REPAIR AND MATERIALS REPLACE LIST FOR INTELLIGENT TOUCH MANAGER WITH iTM PLUS ADAPTORS

- a) Fault find, check and report if the intelligent touch manager is functioning as per manufacturers specification and displaying all registered air conditioners and systems linked to it.
- b) Check that the built in battery is powered up to retain settings.
- c) Check all temperature and condition settings if it is as per original settings, correct all possible faults as per manufacturer specification.
- d) Check electrical connections if secure and making contact as per manufacturing specification.
- e) Check all alarms on iTM plus adaptors and correct fault.
- f) Clean all dust from equipment housed inside the box.

2.11 CHECK, REPAIR AND MATERIALS REPLACE LIST FOR MATERIALS REPLACE LIST FOR SERVICE AND REPAIRS OF HVAC PLANT (AIR HANDLING PLANT, FILTER ROOM AND OUTDOOR UNITS)- FORD HOUSE

- a) Fault find, check and report if the intelligent touch manager is functioning as per manufacturers specification and displaying all registered air conditioners and systems linked to it.
- b) Clean all evaporator and condenser coils and all drip trays for air-handling plant and outdoor units.
- c) Clear all condensate systems on air handling plant and outdoor units.



- d) Check operation of electronic expansion valves.
- e) Check motor, motor guards, mounting bolts, check amps and voltage against motor specifications and log.
- f) Check alignment of motor and pulley's, and check and tighten electrical connections.
- g) Lubricate all bearings on air handler. Check all anti vibration mountings and springs on air handler base.
- h) Replace all v-belts on belt drives and set for correct tension. Ensure all bolts on v-belt protection cover is properly fastened.
- i) Check fan blades and report.
- j) Check gas pressures and report.
- k) Check heating mode on all systems.
- l) Check cooling mode on all systems.
- m) Check systems and plant for vibrations.
- n) Clean out electrical panels.
- o) Check panel lights and report.
- p) Check all vents/louvres and doors and report.
- q) Check all duct clamps are tight.
- r) Check operation of controls
- s) Check Air Options Panel
- t) Service and clean Variable Speed Drive (VSD)
- u) Check all LG remote controls
- v) Check return air sensors
- w) Check temperatures of all zones and report
- x) Check operation of fire dampers and air flows – heaters stop in the event of low air flow
- y) Log each system with LG logger – print readings and do comparison from previous at full load.
- z) Clean all plant room louvres, floors and equipment.
- aa) Check plant for rust, and loose fasteners.
- bb) Check space conditions, submitting written temperature recordings.
- cc) Check space air supply and extract volumes and balance all supply air duct branches to each wing.
- dd) Check each heater distribution board for correct operation of all contactors, circuit breakers, pressure switches and magnehelic gauges.
- ee) Check each branch duct static pressure and balance.



- ff) Check and set thermostats controlling heating and cooling.
- gg) Check all electronic actuators on PCD's for correct Volume regulation.
- hh) Check space conditions controlling at 22 ± 0.5 °C
- ii) Clean all side wall, ceiling supply air diffusers and return air grilles.
- jj) Check all heating elements, element safeties and auto resets.

3. MAXIMUM MAINTENANCE DOWN-TIME

After a breakdown, defect or complaint has been logged the Contractor will be expected to remedy the defect in the system/component with as little delay as possible, notwithstanding the maximum down-time allowed and listed in the following paragraphs or as stipulated in the Task Order. **Should the Contractor not respond within the maximum down-time, the Service Manager may arrange, at the cost of the Contractor, for the necessary repair work to be done by others.**

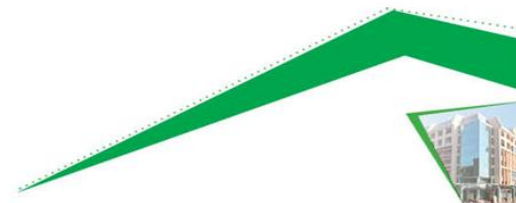
The Contractor shall respond to a breakdown registration by traveling to the site to evaluate the breakdown (scope of repair work), estimate the realistic cost as well as downtime and provide feedback to the Service Manager and Site Representative to form the basis of a Task Order.

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

Extension of down-time will only be granted by the Service Manager if:

1. The maximum down-time is unreasonable in relation to the scope of the repair work required.
2. The delivery time of a new component/subassembly/machine or spares required for the repair of the defective component/subassembly does not enable the Contractor to successfully complete the repair work within the maximum breakdown down-time allowed.

Should the actual down-time exceed the maximum down-time, the Contractor shall be penalized as per X17.



PRIORITY	DESCRIPTION	RESPONSE
P1	Emergency (Life Threatening)	Immediate response from the time of logging a call and the emergency to be resolved (at least temporarily) within 8 hours
P2	Urgent	Immediate response from the time of logging a call and to be resolved within 12 hours
P3	Planned Maintenance Repairs	Scheduled Maintenance is to be scheduled and performed within 3 business days of the scheduled date
P4	Emergency Facility Repairs	7 Days planning and execution subject to supply chain regulations

"Maximum down-time" shall mean the period of time allowed to repair a breakdown, and "actual down-time" shall mean the measured period from the instant when the breakdown was reported or located until the installation has been repaired to its functional specification