

TENDER

TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN REGION FOR A PERIOD OF TWO (2) YEARS.

SCMU5-23/24/0005SB

NAME OF COMPANY:

CSD Nr:

CRS Nr (CIDB):

CLOSING DATE: 07 NOVEMBER 2023

TIME: 11:00 am

Department of PUBLIC WORKS &
INFRASTRUCTURE
Old Ford House Building
55 Albany Road
Central
Gqeberha
6001

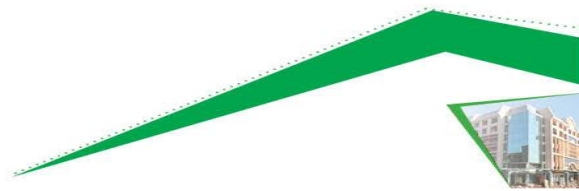
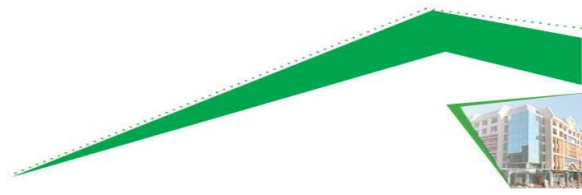
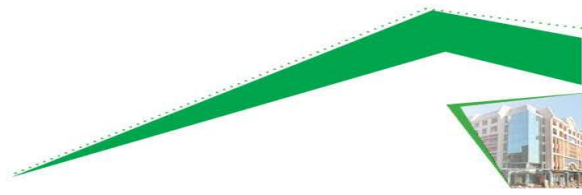


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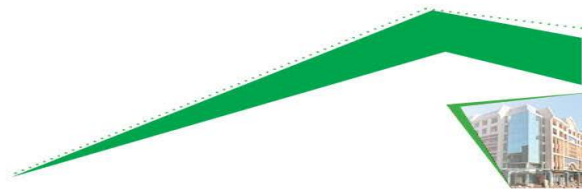


THE TENDER

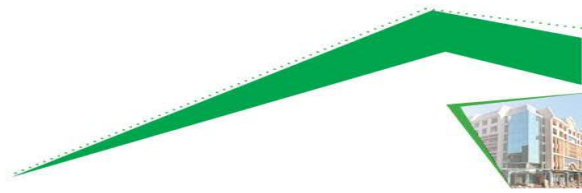


PART T1

TENDERING PROCEDURES



PART T1.1: TENDER NOTICE AND INVITATION TO TENDER



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 (**3 ME or higher**) to tender for the **“TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS”**. The contract will be based on the GCC (2015) 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 **6 October 2023**. No bid documents will be available at departmental offices.

A non-compulsory briefing meeting will be held at the Department of Public Works & Infrastructure offices Old Ford House Building, 55 Albany Road, Central in Gqeberha on the 17th October 2023 at 12:00 noon.

Queries relating to the issue of these documents may be addressed in writing to **Mr. Alex Hitzeroth**- email: Alex.Hitzeroth@ecdpw.gov.za **Technical enquiries:** may be addressed in writing to **Mr. K. Ntsono**– email: kenneth.ntsono@ecdpw.gov.za

The closing time for receipt of tenders by the ECDPWI is **11:00am on 07 November 2023**. Telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted. Bids must be submitted in sealed envelopes clearly marked **“SCMU5-23/24/0005SB”**: **“TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS”** must be deposited in the bid box, Ground Floor, Department of Public Works & Infrastructure, Old Ford House Building, Albany Road, Central, Gqeberha.

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

Tenders may only be submitted on the 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.

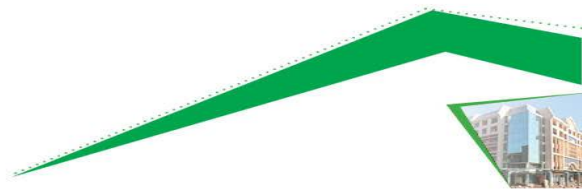
B. BID EVALUATION:

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: PPPFA.



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

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 “**SCMU5-23/24/0005SB**”: “**TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS**” must be deposited in the bid box, Ground Floor, Department of Public Works & Infrastructure, Old Ford House Building, Albany Road, Central, Gqeberha.

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

- **SCM RELATED ENQUIRIES**

Mr. Alex Hitzeroth

Tel No: **041 390 9067 / 079 520 4510**

Email Address: Alex.Hitzeroth@ecdpc.gov.za

TECHNICAL ENQUIRIES

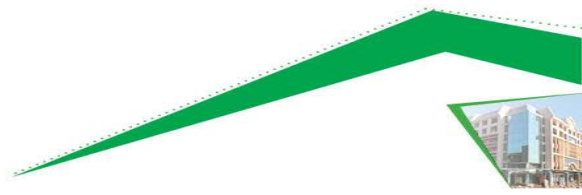
Mr. K. Ntsono

Tel No: **060 751 9622**

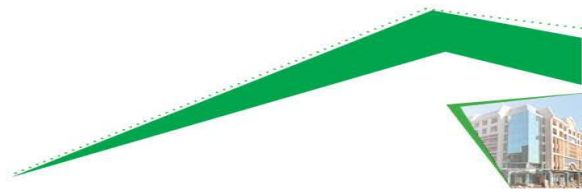
Email Address: kenneth.ntsono@ecdpc.gov.za

FOR COMPLAINTS, FRAUD, & TENDER ABUSE:

Call: **0800 701 701**

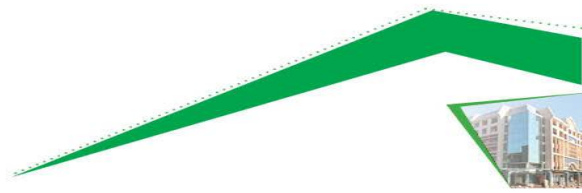


PART T1.2: TENDER DATA

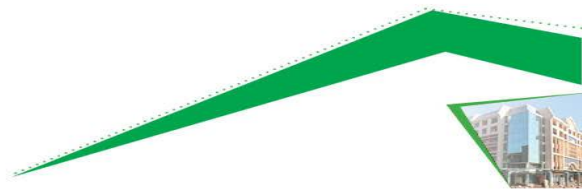


T1.2 Tender Data

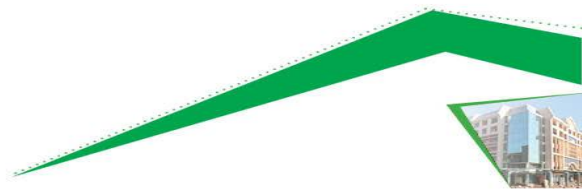
The conditions of tender are the latest edition of SANS 10845-3, *Standard conditions of tender*. SANS 10845-3 makes several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency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



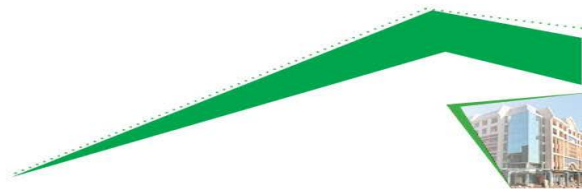
Clause number	Tender Data
3.1	The Employer is Public Works and Infrastructure
3.2	<p>The tender documents issued by the employer comprise the following documents:</p> <p>THE TENDER</p> <p>Part T1: Tendering procedures</p> <p>T1.1 - Tender notice and invitation to tender</p> <p>T1.2 - Tender data</p> <p>Part T2: Returnable documents</p> <p>T2.1 - List of returnable documents</p> <p>T2.2 - Returnable schedules</p> <p>THE CONTRACT</p> <p>Part C1: Agreements and Contract data</p> <p>C1.1 - Form of offer and acceptance</p> <p>C1.2 - Contract data</p> <p>C1.3 - Performance Guarantee (Proforma)</p> <p>C1.4 - Dispute Resolution Mechanism</p> <p>Part C2: Pricing data</p> <p>C2.1 - Pricing Instructions</p> <p>C2.2 - Bills of Quantities</p> <p>Part C3: Scope of work</p> <p>C3 - Scope of work</p> <p>Part C4: Site information</p> <p>C4 - Site information</p>
3.3	The tender documents issued by the employer comprise the documents listed on the contents page
3.4	<p>The employer's agent is:</p> <p>Name: Mr K. Ntsono</p> <p>Ford House Building,</p> <p>Department of Public Works and Infrastructure</p> <p>55 Albany Road, Gqeberha</p> <p>Tel No: 060 751 9622</p> <p>Email Address: Kenneth.ntsono@ecdpw.gov.za</p>
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	<p>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:</p> <p>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</p> <p>Joint ventures are eligible to submit tenders provided that:</p> <ol style="list-style-type: none"> 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 2ME 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



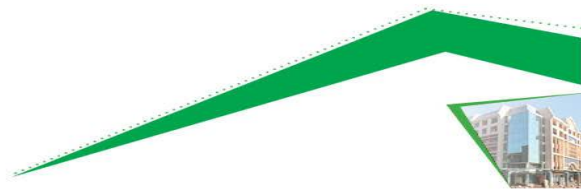
	construction work or a value determined in accordance with Regulation 25 (1B) of 25(7A) of the Construction Industry Development Regulations. 4. Joint Venture Agreement.
4.2	The employer will compensate the tender as follows as per the conditions of the Form of Contract signed . The employer will not 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. 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
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.



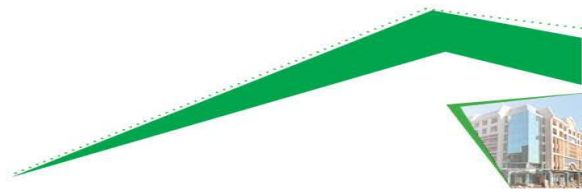
4.11	Main tender offers are not required to be submitted together with alternative tenders.
4.12	No alternative tender offers will be considered
4.13.1	Parts of each tender offer communicated on paper shall be submitted as an original. Submit a) the parts of the tender offer communicated on paper as 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: Ground Floor, Old Ford House Building. Physical address: 55 Albany Road, Central, Gqeberha 6000 Identification details: SCMU5-23/24/0005SB: "TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS" Closing date and time: 07 November 2023 at 11:00
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.



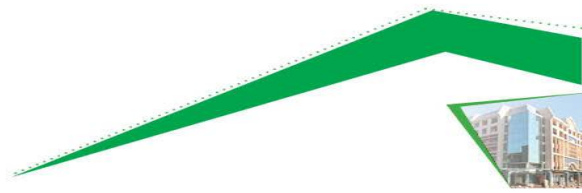
4.15.2	<p>Placing of contractors under restrictions / withdrawal of tenders</p> <p>If any tenderer who has submitted a tender offer or a contractor who has concluded a contract has, as relevant: withdrawn such tender or quotation after the advertised closing date and time for the receipt of submissions; after having been notified of the acceptance of his tender, failed or refused to commence the contract; had their contract terminated for reasons within their control without reasonable cause; offered, promised or given a bribe in relation to the obtaining or the execution of such contract; acted in a fraudulent, collusive or anti-competitive or improper manner or in bad faith towards the Provincial Government; or, made any incorrect statement in any affidavit or declaration with regard to a preference claimed and is unable to prove to the satisfaction of the Provincial Government that the statement was made in good faith or reasonable steps were taken to confirm the correctness of the statements, such tenderer/s may be placed under restriction from tendering with the state.</p> <p>Procedures are outlined in the EC SCM Policy for Infrastructure procurement and Delivery Management and also on CIDB Inform Practice Note #30. Excerpts of the policy can be availed on request of any interested tenderer.</p>
4.16	Access shall be provided for the following inspections, tests and analysis: N/A
4.17	The preferred tenderer will be required to submit an approved insurer undertaking to provide the Performance Bond / Guarantee / Surety / Security to the format and/or standard as per DPW policy
5	Employer's undertakings
5.1	<p>The Employer will respond to requests for clarification received up to Five (5) working days before the tender closing time.</p> <p>If, as a result of the issuing of addenda, it is necessary to extend the closing time stated in the tender data, grant such extension and notify all respondents accordingly.</p>
5.2	The employer shall issue addenda until Five (5) working days before tender closing time.
5.3	Tenders will be opened immediately after the closing time for tenders at 11:00am hours .
5.4	Do not disclose to tenderers, or to any person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.
5.5	<p>Determine, after opening and before detailed evaluation, whether each tender offer that was properly received</p> <ul style="list-style-type: none"> 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. <p>A responsive tender is one that conforms to all the terms, conditions, and scope of work of the tender documents, without material deviation or qualification. A material deviation or qualification is one which, in the employer's opinion, would</p> <ul style="list-style-type: none"> 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. <p>Reject a non-responsive tender offer, and do not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.</p>
5.6	<p>Arithmetical errors, omission and discrepancies</p> <p>Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.</p>



	For Vat related discrepancies, National and Provincial Treasury prescripts in relation to VAT procedures apply.																
5.7.1	<p>The financial offer will be reduced to a comparative basis using the Tender Assessment Schedule.</p> <p>Table F.1: Formulae for calculating the value of A</p> <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	<p>The procedure for the evaluation of responsive tenders is Method 3: Administrative, Functionality, Price and Preference</p> <p>Phase 1: Compliance, responsiveness to the bid rules and conditions, thereafter</p> <p>Phase 2: Bidders passing phase one above will thereafter be evaluated on functionality</p> <p>Phase 3: Bidders passing phase two above will thereafter be evaluated on PPPFA (80/20)</p>																
	<p>1. <u>PHASE ONE: RESPONSIVENESS TO THE BID REQUIREMENTS AND RULES</u></p> <p>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:</p> <ol style="list-style-type: none">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).																
	<ol style="list-style-type: none">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 2.3.1.7. 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,																



	<p>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).</p> <p>9. Resolution to Sign (if applicable)</p> <p>10. Attendance of compulsory briefing meeting (where applicable)</p> <p>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), failure to do so will result increase commercial risk of the bid and may lead to elimination or passing over of the bidder.</p> <p>12. 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.</p> <p>B. Other Conditions of bid (Non eliminating unless expressly mentioned in the document):</p> <p>13. DPWI Policy applies.</p> <p>14. Returnable Schedule: SBD1-Invitation to bid must be completed and signed</p> <p>15. The bidder must be registered on the Central Supplier Database (CSD) prior the award</p> <p>16. All bidders' tax matters must be in order prior award. Bidders' tax matters will be verified through CSD.</p> <p>17. Declaration of Employees of the State or other State Institutions.</p> <p>18. 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.</p> <p>19. 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.</p> <p>20. 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.</p> <p>21. 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.</p> <p>22. The Department will contract with the successful bidder by signing a formal contract.</p> <p>23. 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.</p> <p>24. 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.</p> <p>25. information: Consent (POPIA)</p>
	<p>26. 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. GCC 2015)</p>
	<p>2. <u>PHASE TWO: EVALUATION ON FUNCTIONALITY</u></p> <p>The evaluation criteria and maximum score in respect of each of the criteria are given hereunder.</p>

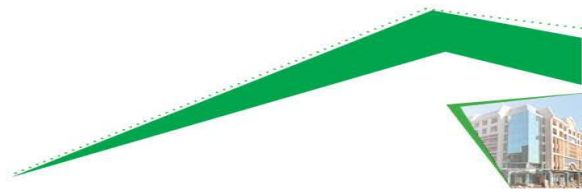


A Tender scoring an average score below **70 points** in Functionality points will be considered as **DISQUALIFIED** for evaluation and will be discarded from any further evaluation.

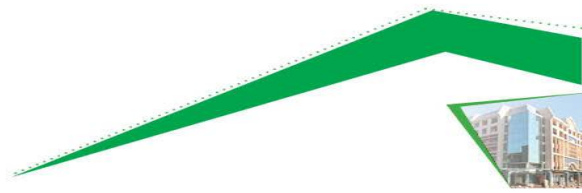
Quality criteria	Evaluation schedule	Maximum number of points
Expertise of key personnel	Schedule 1	35
Relevant project experience	Schedule 2	40
Project reference	Schedule 3	25
Maximum possible score for functionality (M_s)		100

Functionality shall be scored by not less than three evaluators in accordance with the above-mentioned schedules:

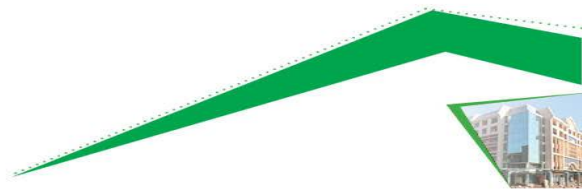
ID EVALUATION CRITERIA	SCALE /SCORE	WEIGHT	TOTAL (MAX) POINTS	
	(A)	(B)	(C)	
1. EXPERTISE OF KEY PERSONNEL - 35 POINTS. <u>Breakdown of Points:</u> <u>Notes:</u> "competent air conditioning technician" means a person who (a) has completed a learnership or an apprenticeship in the trade of air conditioning; (b) has completed an electrical or mechanical trade qualification and has had at least one-year post qualification general practical experience on air conditioning; or (c) has obtained a minimum of a NQF level five electrical or mechanical engineering qualification and has had at least one-year post qualification general practical experience on air conditioning				
<ul style="list-style-type: none"> Attach a certified copy of competent air conditioning technician possessing a certificate in area/s of entity's speciality with a minimum of 20 years' experience. 	5	7	35	
<ul style="list-style-type: none"> Attach a certified copy of competent air conditioning possessing a certificate in area/s of entity's speciality with a minimum of 15 years' experience. 	4	7	28	



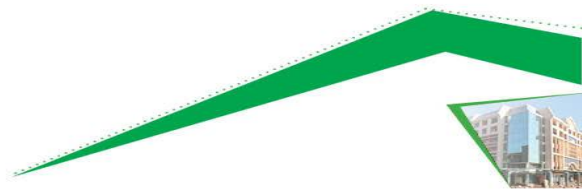
	<ul style="list-style-type: none"> Attach a certified copy of competent air conditioning possessing a certificate in area/s of entity's speciality with a minimum of 10 years' experience. 	3	7	21	
	<ul style="list-style-type: none"> Attach a certified copy of competent air conditioning possessing a certificate in area/s of entity's speciality with a minimum of 5 years' experience 	2.5	7	17.5	
	<ul style="list-style-type: none"> None or partial submission of any above or incompatibility with the above categories. 	0	7	0	
	2. RELEVANT PROJECT EXPERIENCE - PROOF OF MAINTENANCE EXPERIENCE RELATED TO THE SCOPE OF WORK (SIGNED TESTIMONIAL / CONFIRMATION ON A CLIENT LETTERHEAD MUST BE ATTACHED): 40 POINTS. <u>Breakdown of Points:</u> Contractor must have been responsible for maintenance of HVAC equipment for at least 10 years or more. Attach a written testimonial / confirmation of maintenance period completed from client or employer with the bid.	5	8	40	
	Contractor must have been responsible for maintenance of HVAC equipment for at least 5 years or more. Attach a written testimonial / confirmation of maintenance period completed from client or employer Certificate with the bid.	3	8	24	
	Contractor must have been responsible for maintenance of HVAC	1	8	8	



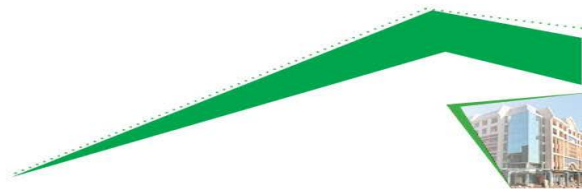
	<p>equipment for at least 2 years or more. Attach a written testimonial / confirmation of maintenance period completed from client or employer Certificate with the bid.</p> <p>Contractor that has not done any HVAC maintenance or did not submit written testimonial / confirmation or has submitted information incompatible with any of the above categories</p>	0	8	0									
	<p>PROJECT REFERENCE – PROOF OF PAST PERFORMANCE (attach the project references from Previous project managers, stamped by a project manager and signed and submit with this bid) (25 points).</p> <p><u>Breakdown of Points:</u></p> <ul style="list-style-type: none">• 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 projects of similar nature or size.• Bidder scoring/ rated relatively rated average or poor points in some areas or all areas in all categories in the past projects of similar nature or size.	5 4 1 0	5 5 5 5	25 20 5 0									
<p>The minimum number of evaluation points for quality is 70.</p> <p>Total (Max) Points (C) is calculated by multiplying the Scale/Score (A) by the Weight (B): A x B = C.</p> <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><tr><td>50-69</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></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.	50-69	Less than acceptable – response / answer / solution lacks convincing evidence of skill / experience sought or medium risk that relevant skills will not be available.
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50-69	Less than acceptable – response / answer / solution lacks convincing evidence of skill / experience sought or medium risk that relevant skills will not be available.												



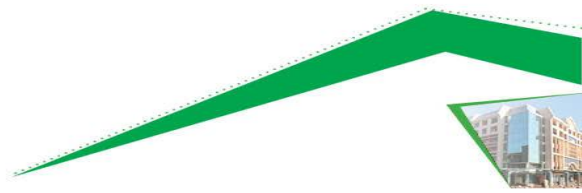
	<table border="1"> <tr> <td>70-79</td><td>Acceptable response – answer / solution to the particular aspect of the requirements and evidence given of skill / experience sought are convincing.</td></tr> <tr> <td>80-89</td><td>Above acceptable – response / answer / solution demonstrating real understanding 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> <p>The scores of each of the evaluators will be averaged, weighted and then totalled to obtain the final score for quality.</p>	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.		
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.								
	<p>3. <u>PHASE THREE: EVALUATION POINTS ON PRICE AND B-BBEE REGULATIONS OF 2017</u></p> <p>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).</p> <table border="1"> <thead> <tr> <th>Criteria</th><th>Points</th></tr> </thead> <tbody> <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> </tbody> </table> <p><u>PLEASE NOTE:</u></p> <ol style="list-style-type: none"> Bidders need to complete and sign SBD 6.1 to claim points for specific goals. Failure on the part of a bidder to write the correct points in numbers/figures for each specific goal, it will be interpreted to mean that preference points for specific goals are not claimed. Therefore, the bidder will be awarded zero points. Number of points claimed for each specific goal will be verified through the Central Supplier Database (CSD). The Department intends to award this to the highest point scorer as a whole, unless circumstances justifies otherwise. <p>The 80/20 preference point system for acquisition of services, works or goods not exceeding Rand value of R50 million:</p> <p>(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):</p> <p>The financial offer will be scored using the following formula:</p> $A = (1 - \frac{P - P_m}{P_m})$ <p>The value of value of W_1 is:</p> <ol style="list-style-type: none"> 90 where the financial value inclusive of VAT of all responsive tenders received have a value in excess of R50 000 000 or 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)								



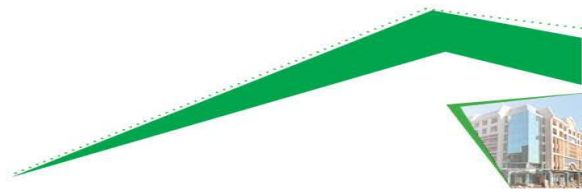
5.7.4	The quality criteria and maximum score in respect of each of the criteria are as follows: N/A
5.7.5	Each evaluation criteria will be assessed in terms of five indicators – N/A
5.7.6	The prompts for judgment and the associated scores used in the evaluation of quality shall be as follows: N/A
5.8	<p>Tender offers will only be accepted if:</p> <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> 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.



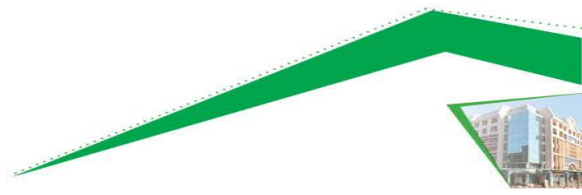
	<p>o) Prospective bidders must register on CSD prior submitting bids (open tenders). Any prospective bidder found to have Tax matters not in order with SARS (verified through CSD) during the evaluation process (after being given an opportunity to rectify tax matters) will be eliminated and not be considered 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> <p>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.</p> <p>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.</p>
5.9	The number of paper copies of the signed contract to be provided by the employer is 1 .
	<p>The additional conditions of tender are:</p> <ul style="list-style-type: none"> 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	<p>Documentation to demonstrate eligibility to have tenders evaluated i.e. List all documentation to demonstrate eligibility to have a submission evaluated.</p> <ul style="list-style-type: none"> Appropriate CIDB grading suitable for the works (as stated in 4.1).
2	<p>Returnable Schedules required for tender evaluation purposes</p> <p>The tenderer must fully and appropriately complete and sign the following returnable schedules as relevant:</p> <ul style="list-style-type: none"> 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	<p>Other documents required for tender evaluation purposes</p> <p>The tenderer must provide the following returnable documents:</p> <ul style="list-style-type: none"> 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	<p>Returnable Schedules that will be used for tender evaluation purposes and be incorporated into the contract</p> <p>The tenderer must complete the following returnable documents:</p> <ul style="list-style-type: none"> A duly completed form of Offer and Acceptance (and any revision of prices if there are any).
5	<p>Only authorized signatories may sign the original and all copies of the tender offer where required.</p> <p>In the case of a ONE-PERSON CONCERN submitting a tender, this shall be clearly stated.</p> <p>In the case of a COMPANY submitting a tender, include a copy of a <u>resolution by its board of directors</u> authorizing a director or other official of the company to sign the documents on behalf of the company.</p> <p>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.</p> <p>In the case of a PARTNERSHIP submitting a tender, <u>all the partners</u> 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.</p> <p>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.</p> <p><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></p>
6	<p>Information and data to be completed in all respects</p> <p>Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the employer as nonresponsive.</p>
7	<p>Canvassing and obtaining of additional information by tenderers</p> <p>The Tenderer shall not make any attempt either directly or indirectly to canvass any of the Employer's officials or the Employer's agent in respect of his tender, after the opening of the tenders but prior to the Employer arriving at a decision thereon.</p> <p>The Tenderer shall not make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of tenders.</p>
8	<p>Prohibitions on awards to persons in service of the state</p> <p>The Employer is prohibited to award a tender to a person -</p> <ol style="list-style-type: none"> 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. <p>In the service of the state means to be -</p> <ol style="list-style-type: none"> a member of:- <ol style="list-style-type: none"> 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

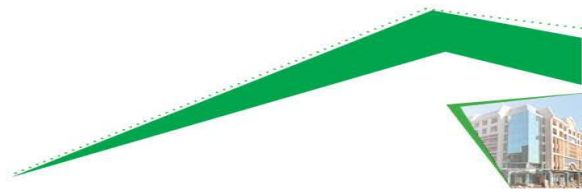


	<p>Public Finance Management Act, 1999 (Act No.1 of 1999);</p> <p>h) a member of the accounting authority of any national or provincial public entity; or</p> <p>i) an employee of Parliament or a provincial legislature.</p> <p>In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.</p>
9	<p>Awards to close family members of persons in the service of the state</p> <p>Accept that the notes to the Employer's annual financial statements must disclose particulars of any award of more than R2000 to a person who is a spouse, child, or parent of a person in the service of the state (defined in clause 8 above), or has been in the service of the state in the previous twelve months, including -</p> <p>a) the name of that person;</p> <p>b) the capacity in which that person is in the service of the state; and</p> <p>c) the amount of the award.</p> <p>In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.</p>
10	<p>Respond to requests from the tenderer</p> <p>The employer will respond to requests for clarification up to 5 (five) working days before the tender closing time.</p>
11	<p>Opening of tender submissions</p> <p>Tenders will be opened immediately after the closing time for tenders</p>
12	<p>Scoring quality / functionality: Yes</p>
13	<p>Cancellation and re-invitation of tenders</p> <p>An organ of state may, prior to the award of the tender, cancel the tender if-</p> <p>(a) due to changed circumstances, there is no longer a need for the services, works or goods requested; or</p> <p>(b) funds are no longer available to cover the total envisaged expenditure; or</p> <p>(c) no acceptable tenders are received.</p> <p>(d) Tender validity period has expired.</p> <p>(e) Gross irregularities in the tender processes and/or tender documents.</p> <p>(f) No market related offer received (after attempts of negotiation processes)</p> <p>Where applicable, the decision to cancel the tender will be published in the CIDB website and in the Tender Bulletin or the media in which the original tender invitation as advertised.</p>
14	<p>Dispute resolution mechanism will be done through the Adjudication route.</p>
15	<p>The department must when be acting against the tenderer or person awarded the contract on a fraudulent basis, considers the provisions of Regulation 14:</p> <p>The remedies provided for in Preferential Procurement Regulations 2017 do not prevent an institution from instituting remedies arising from any other prescripts or contract.</p>
16	<p>Where the employer terminates the contract due to default of the contractor in whole or in part, the employer may decide to: a) Refer the breach in contract to the CIDB for investigation as a breach of the CIDB Code of Conduct in terms of the CIDB Regulations; or b) may impose a restriction penalty on the contractor in terms of Section 14 of the Preferential Procurement Regulations. The outcomes of such investigations in terms of both the CIDB Regulations and the Preferential Procurement Regulations may prohibit the contractor from doing business with the public sector for a period not exceeding 10 years.</p>

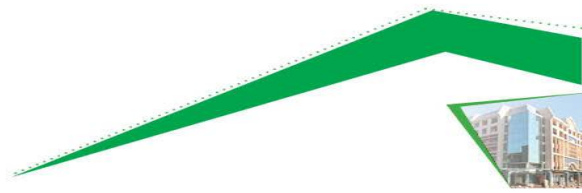


PART T2

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

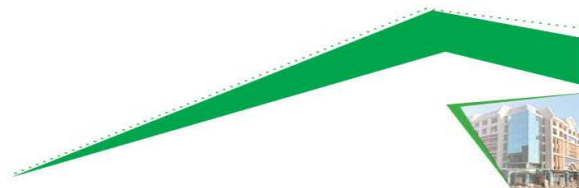
- Compulsory enterprise questionnaire (In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted).
- Record of addenda issued (Only if addenda is issued)
- Certificate of authority for joint ventures (Only where the tender/ quotation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

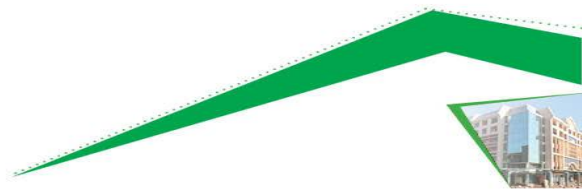
- Details of the Project Team and CV with Qualifications & Proof of Registration completed for each individual of proposed
- Schedule of Plant and Equipment
- Record of projects: current, past and on tender.
- Project References – at least 3
- SBD 1, 4, 6.1,
- Protection of personal content: Consent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



PART A

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE					
BID NUMBER:	SCMU5-23/24/0005SB	CLOSING DATE:	07 November 2023	CLOSING TIME:	11:00
DESCRIPTION:	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT					
Ground Floor, Department of Public Works & Infrastructure, Old Ford House Building, Albany Road, Gqeberha					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Alex Hitzeroth		CONTACT PERSON	Kenneth Ntsono	
TELEPHONE NUMBER	041 390 9067/ 079 520 4510		TELEPHONE NUMBER	060 751 9622	
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	Alex.Hitzeroth@ecdpw.gov.za		E-MAIL ADDRESS	kenneth.ntsono@ecdpw.gov.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE A BRANCH IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?			<input type="checkbox"/> YES <input type="checkbox"/> NO		
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					



PART B

TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED– (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. **THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

SIGNATURE OF BIDDER:

.....

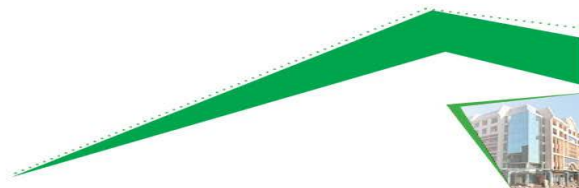
CAPACITY UNDER WHICH THIS BID IS SIGNED:

.....

(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:

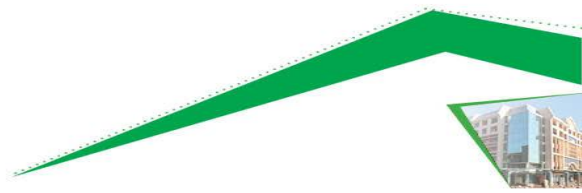
- authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may 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;
- 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
- 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



SBD 4

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

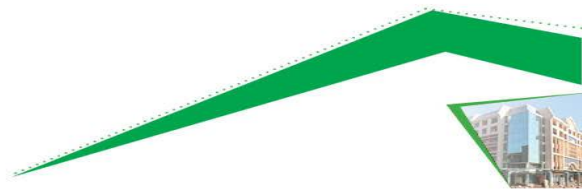
Full Name	Identity Number	Name of State institution

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

2.2.1 If so, furnish particulars:

.....
.....

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



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

- 2.3.1 If so, furnish particulars:

.....
.....

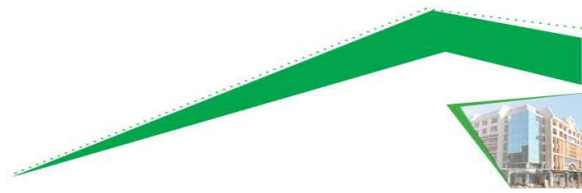
3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

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

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



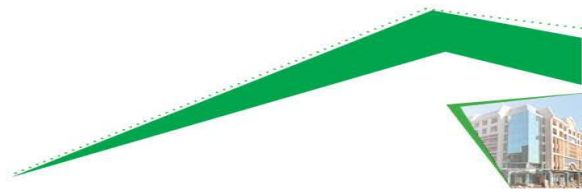
I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder



SBD 6.1

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 To be completed by the organ of state

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

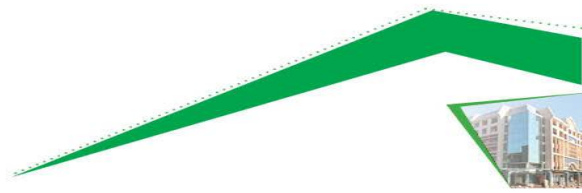
1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

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

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

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



- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

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

3. 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

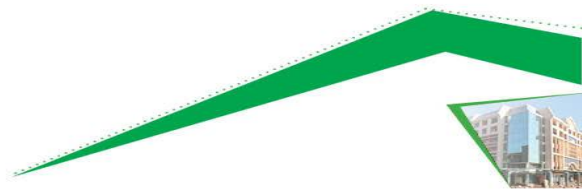
A maximum of 80 or 90 points is allocated for price on the following basis:

Where

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)



Historically Disadvantaged Individual:-			
	(a) 100% black ownership	6	
	(b) 51% to 99% black ownership	4	
	(c) Less than 51% black ownership	0	
Black women ownership:-			
	(a) 100% black women ownership	4	
	(b) 30% to 99% black women ownership	2	
	(c) Less than 30% black women ownership	0	
Black youth ownership:-			
	(a) 100% black youth ownership	4	
	(b) 30% to 99% black youth ownership	2	
	(c) Less than 30% black youth ownership	0	
People with disability:-			
	(a) 20% or more disabled people ownership	4	
	(b) Less than 20% disabled people ownership	0	
Locality:-			
	(a) Within the Eastern Cape	2	
	(b) Outside the Eastern Cape	0	

DECLARATION WITH REGARD TO COMPANY/FIRM

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

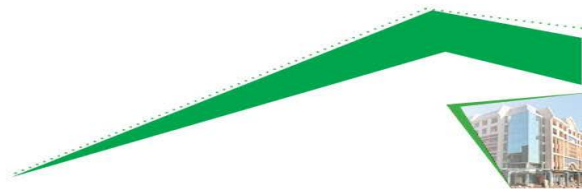
4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

- 4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:
- i) The information furnished is true and correct;
 - ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
 - iii) In the event of a contract being awarded as a result of points claimed as shown in

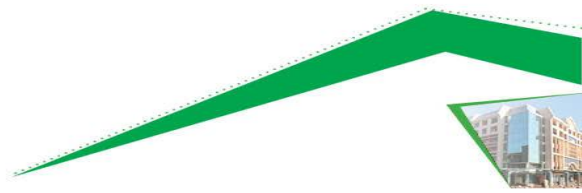


paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

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

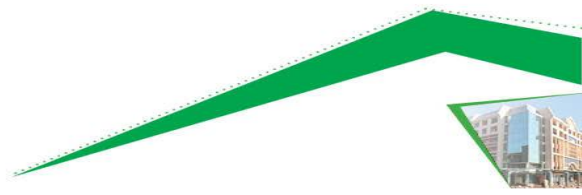
- (a) disqualify the person from the tendering process;
- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such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

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

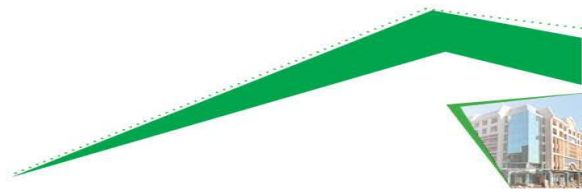


PROOF OF REGISTRATION ON THE NATIONAL TREASURY CENTRAL SUPPLIER DATABASE

(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.

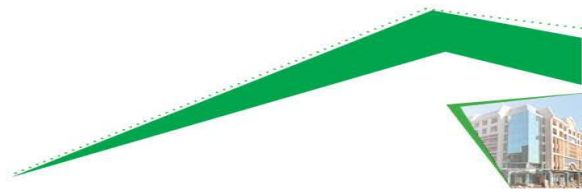
As part of its business activities, the Department of Public Works and Infrastructure obtains and requires access to personal data from a wide range of internal and external parties, including without limitation bidders who respond to requests for proposals that are published by the Department of Public 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

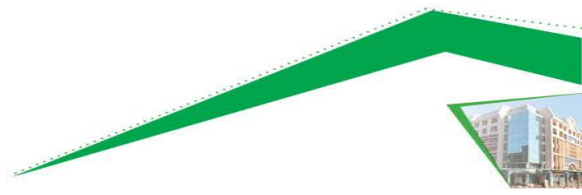
On behalf of the Client:

.....
Signature

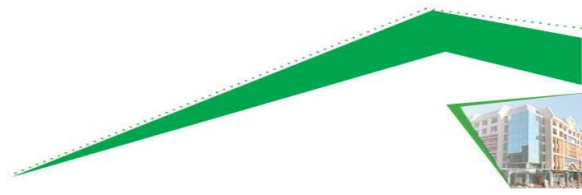
.....
Date

.....
Position

.....
Name of Client Representative

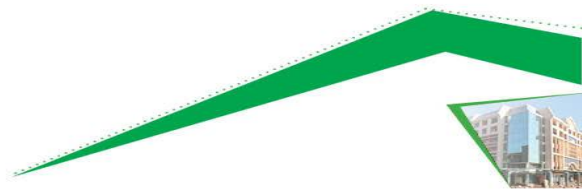


THE CONTRACT

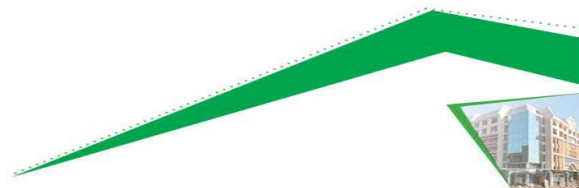


PART C1

AGREEMENTS AND CONTRACT DATA



PART C1.1: FORM OF OFFER AND ACCEPTANCE



Annex C
(normative)

FORM OF OFFER AND ACCEPTANCE

PROJECT TITLE	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS
SCMU NUMBER	SCMU5-23/24/0005SB

OFFER

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

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

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

THE OFFERED TOTAL OF THE PRICES 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

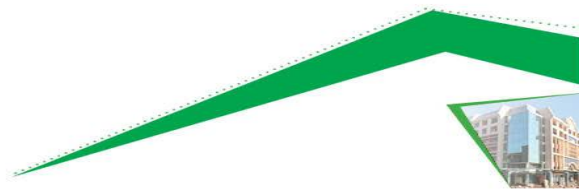
.....
(Name and address of organization)

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

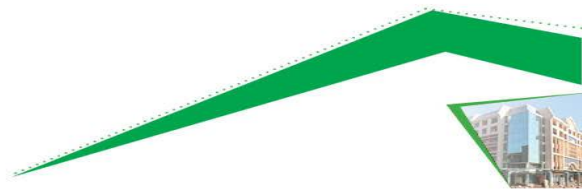
Schedule of Deviations

1 Subject _____
Details _____

2 Subject _____
Details _____

3 Subject _____
Details _____

4 Subject _____



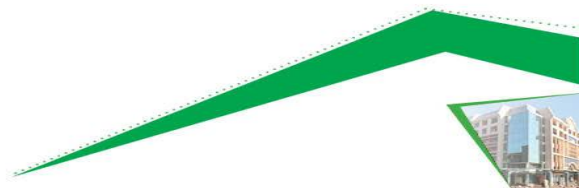
Details

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	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS		
SCMU NUMBER	SCMU5-23/24/0005SB		
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	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS
SCMU NUMBER	SCMU5-23/24/0005SB

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):



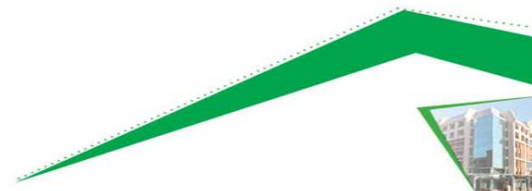
D

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	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS		
SCMU NUMBER	SCMU5-23/24/0005SB		
NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY	
Lead partner:		Signature. Name Designation.....	
..... .		Signature. Name Designation.....	
..... .		Signature. Name Designation.....	
..... .		Signature. Name Designation.....	



E

SCHEDULE OF PROPOSED SUBCONTRACTORS

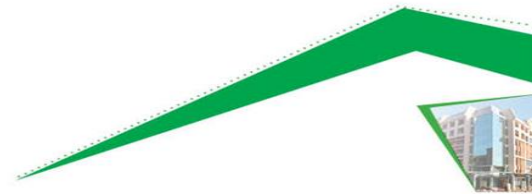
PROJECT TITLE	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS
SCMU NUMBER	SCMU5-23/24/0005SB

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

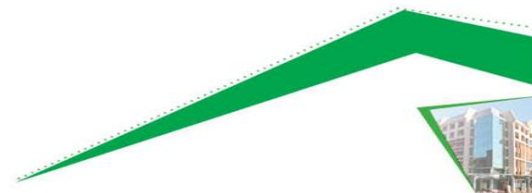
Signed

Date

Name

Position

Enterprise name



E

EXPERTISE OF KEY PERSONNEL AND CV'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 CV 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;

CURRICULUM VITAE 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>	
<div>Example only</div>	
<u>Experience Record Pertinent to Required service:</u>	

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:	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS
SCMU NUMBER:	SCMU5-23/24/0005SB

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: _____

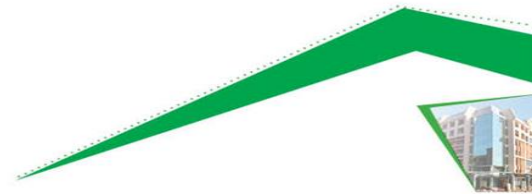
Contract value: _____

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: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 2023.

Signature of principal agent

COMPANY STAMP

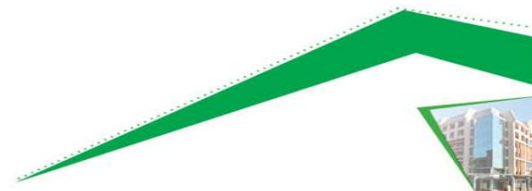
NOTE:

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

PROJECT TITLE:	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS
SCMU NUMBER:	SCMU5-23/24/0005SB

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: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 2023.

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:	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS
SCMU NUMBER:	SCMU5-23/24/0005SB

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: _____

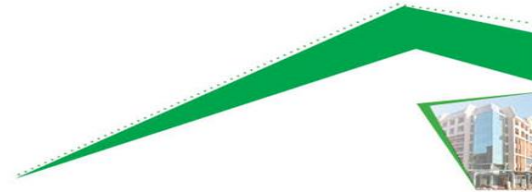
Contract value: _____

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: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 2023.

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:	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS
SCMU NUMBER:	SCMU5-23/24/0005SB

PART 1: DATA PROVIDED BY THE EMPLOYER

GENERAL CONDITIONS OF CONTRACT

The *General Conditions of Contract for Construction Works*, Third Edition, 2015, published by the South African Institution of Civil Engineering, is applicable to this Contract. (Short title: "General Conditions of Contract 2015").

The document is available from the South African Institution of Civil Engineering, Tel: 011 805 5947, web page: www.saice.org.za.

It is agreed that the only variations from the General Conditions of Contract 2015 are those set out hereafter under "Special Conditions of Contract"

SPECIAL CONDITIONS OF CONTRACT

The Special Conditions of Contract (SCC) in the table below shall amplify, modify, or supersede, as the case may be, the General Conditions of Contract.

The clauses of the Special Conditions hereafter are numbered "SCC" followed in each case by the number of the applicable clause or sub clause in the GCC 2015.

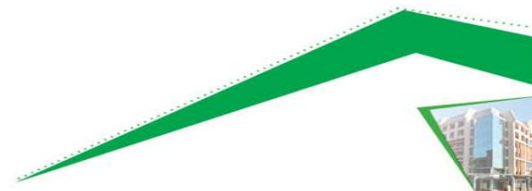
Special Conditions of Contract

Clause	Amendments
SCC2.4.1	<p><i>Add at the beginning of the sub-clause:</i></p> <p>"The documents forming the Contract are to be taken as mutually explanatory of one another. For the purposes of interpretation, the priority of the documents shall be in accordance with the following sequence:</p> <ul style="list-style-type: none"> (a) The Form of Offer and Acceptance (b) The Contract Data (c) The Special Conditions of Contract (d) The General Conditions of Contract (e) The Particular Specifications (f) OHS Specifications (g) The Schedules and any other documents forming part of the Contract" <p><i>At the end of the sub-clause replace the full stop by a comma and add:</i></p> <p>"using the above order of priority as reference."</p>
SCC4.4.2	<p>Liability for subcontractors</p> <p><i>Add the following to Clause 4.4.2 after the last sentence:</i></p> <p>"The Contractor shall not subcontract any part of the Contract without the prior written consent of the Employer's Agent, which consent shall not be unreasonably withheld."</p>

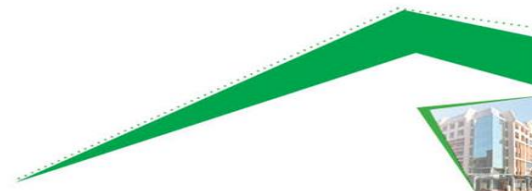


PART 1: DATA PROVIDED BY THE EMPLOYER

Clause	Contract Data												
1.1.1.5	The Commencement Date shall be the date on which the Contractor receives a copy of the signed Form of Offer and acceptance and schedule of deviations if applicable or on any other date thereafter to which the Employer may agree to.												
1.1.1.13	The Defects Liability Period is 12 months, measured from the date of the Certificate of Completion.												
1.1.1.14	The Operation and Maintenance Period is 24 months.												
1.1.1.15 & 1.2.1.2	<p>The Employer's address for receipt of communications and notices is: EASTERN CAPE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE Old Ford House Building 55 Albany Road Central Gqeberha 6000</p> <p>The Implementing Agent's address for receipt of communications and notices is: EASTERN CAPE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE</p> <table border="0"> <tr> <td>Physical address:</td><td>Postal address:</td></tr> <tr> <td>Old Ford House Building</td><td>Private Bag X0004</td></tr> <tr> <td>55 Albany Road</td><td>Central</td></tr> <tr> <td>Central</td><td>Gqeberha</td></tr> <tr> <td>Gqeberha</td><td>6000</td></tr> <tr> <td>6000</td><td></td></tr> </table>	Physical address:	Postal address:	Old Ford House Building	Private Bag X0004	55 Albany Road	Central	Central	Gqeberha	Gqeberha	6000	6000	
Physical address:	Postal address:												
Old Ford House Building	Private Bag X0004												
55 Albany Road	Central												
Central	Gqeberha												
Gqeberha	6000												
6000													
1.1.1.16	The Employer's Agent for receipt of communications and notices is TBA												
1.1.1.26	The Pricing Strategy is a Re-measurement Contract.												
5.2.1	The Commencement Date shall be the date the Contractor receives a copy of the contract that has been fully completed and signed by the Employer.												
5.3.1	<p>The documentation required before commencement with the Works execution is:</p> <ol style="list-style-type: none"> 1. Health and Safety Plan (Refer to the Health and Safety Specification). 2. Security (Refer to Clause 6.2.1). 3. Insurances (Refer to Clause 8.6.1). 												



5.3.2	<p>The Contractor is required, within 14 days of the Commencement Date, to submit the documents listed below to the Employer's Agent for his approval.</p> <p>Health and Safety Plan</p> <p>A health and safety plan in terms of Clause 7(1) of the Construction Regulations (February 2014).</p> <p>Security</p> <p>A guarantee from an Insurance Company to be jointly and severally bound with the Contractor for an amount equal to ten per cent (2.5%) of the Contract Price. The wording of the Guarantee shall be identical to the pro forma currently in use by the Employer on civil engineering contracts.</p> <p>Insurance</p> <p>Submit copies of receipts of registration, or payment for the premiums for the following insurances, as required by the new Clause 8.6 in this Contact Data.</p> <p>(a) Proof of registration with the Department of Labour as an employer, in terms of the Compensation for Occupational Injuries and Diseases Act 1993, as amended.</p> <p>(b) The insurance of no less than R 5 million against loss and damage caused by the Contractor to the Employer's property;</p> <p>(c) The insurance of no less than R 5 million against loss and damage to the works, plant and materials. This to include Plant and Materials provided by the Employer;</p> <p>(d) The insurance of no less than R 5 million in respect of liability for bodily injury to or death of a person (not an employee of the Contractor) arising from or in connection with the Contractor providing service for any one event.</p> <p>(e) The minimum limit of R 5 million 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.</p> <p>These insurances shall be maintained in force for the duration of the Contract, including any Defects Liability Period and O & M period and in respect of Sub-Contractors, the Contractor shall be deemed to have complied with the provisions of the requirements relating to insurance by ensuring that the Sub-Contractors have effected such insurance.</p>
5.4.2	The access to the site shall not be exclusive to the contractor.
5.8.1	<p>The non-working days are Saturdays and Sundays.</p> <p>The special non-working days are:</p> <ul style="list-style-type: none"> • Public holidays. • Any additional statutory public holiday proclaimed during the contract period.
5.13.1	<p>The following penalties will apply:</p> <p>i) A R1000.00 penalty for every incident of not completing a scheduled service within 14 days of the pre-agreed schedule date.</p> <p>ii) A R2000.00 penalty for every incident of not completing a general repair within 72 hours after being instructed by a designated representative from DPWI.</p> <p>iii) A R3000.00 penalty for every incident of not attending to an emergency repair within 48 hours after being instructed by a designated representative from DPWI.</p>



	The above penalties will be deducted from the relevant payment certificates.
5.16.3	The latent defect period is 12 months.
6.2.1	<p>The type of security shall be a Performance Guarantee, issued by an insurance company or bank, of 2.5% of the Contract Sum.</p> <p>If the Guarantor is an Insurance Company, it shall be one listed in the Financial Services Board "List of Registered Insurers" (see www.fsb.co.za).</p> <p>If the Guarantor is a bank it shall be one listed in the South African Reserve Bank list of "Registered Banks and Representative Offices" and appear either in the list of "locally Controlled Banks" or in the list of "Branches of Foreign Banks" (see www.resbank.co.za).</p> <p>The Performance Guarantee shall be provided in accordance with the approved format and wording as indicated in the Pro-Forma Performance Guarantee contained in the returnable documents.</p>
6.2.2	<p>Delete the entire contents of Clause 6.2.2 and replace with:</p> <p>"Failure to deliver an acceptable security as selected in the Contract Data within the stipulated period is a fundamental breach of Contract".</p>
6.8.2	Contract Price Adjustment shall not apply on this contract.
6.10	<p>Add to the end of Clause 6.10.1 the following paragraph:</p> <p>"The Contractor shall complete the 'Contractor's Monthly Report Schedule', which pro forma documentation will be obtainable from the Engineer. Pursuant to Sub-Clause 6.10.1.8, these, duly signed by all concerned, together with the Contractor's statement and a VAT invoice in original format are to be submitted to the Engineer. Issue by the Engineer to the Employer and Contractor of any signed payment certificate is conditional to this information being fully endorsed, accurately and timeously submitted to the Engineer".</p>
6.10.3	<p>The percentage retention shall be 10% of the monthly amounts certified for payment.</p> <p>The Limit of retention money shall be 10% of the Contract Sum.</p>
6.10.4	<p>Delivery, dissatisfaction with and payment of payment certificate</p> <p><i>Replace "28 days" in the seventh line with "30 days".</i></p>
8.6.1.1.2	The value of Plant and Materials supplied by the Employer to be included in the insurance sum is "Nil".
8.6.1.3	The limit of the liability insurance required is R5 000 000 for any single claim with the number of claims unlimited during contract and defects liability period.
10.5.2	Dispute resolution shall be by ad-hoc adjudication if necessary.



PART 2: DATA PROVIDED BY THE CONTRACTOR

Clause

1.1.1.9 The name of the Contractor is

1.2.1.2 The Contractor's address for receipt of communications is:

Physical address:

Postal address:

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

Telephone:

Fax:

E-mail:

6.5.1.2.3 The percentage allowance to cover overheads and charges shall be as per those stated in the Schedule of Quantities.



PART C1.3: PERFORMANCE GUARANTEE (PROFORMA)

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means:

Physical address:

"Employer" means:

"Contractor" means:

"Engineer" means:

"Works" means:

"Site" means:

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

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

Amount in words:

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

Amount in words:

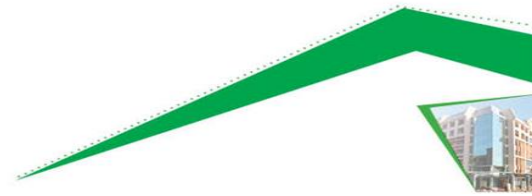
"Expiry Date" means:

CONTRACT DETAILS

Engineer issues: Interim Payment Certificates, Final Payment Certificate and the Certificate Completion of the Works as defined in the Contract.

PERFORMANCE GUARANTEE

- 1 The Guarantor's liability shall be limited to the amount of the Guaranteed Sum.
- 2 The Guarantor's period of liability shall be from and including the date of issue of this Performance Guarantee and up to and including the date of issue by the Engineer of the Certificate of Completion of the Works or the date of payment in full of the Guaranteed Sum, whichever occurs first. The Engineer and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.
- 3 The Guarantor hereby acknowledges that:
 - 3.1 Any reference in this Performance Guarantee to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;
 - 3.2 Its obligation under this Performance Guarantee is restricted to the payment of money.
- 4 Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3:



- 4.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Engineer in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;
- 4.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) days has elapsed since the first written demand in terms of 4.1 and the sum certified has still not been paid;
- 4.3 A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum certified in 4.
- 5 Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Performance Guarantee, such demand stating that:
 - 5.1 The Contract has been terminated due to the Contractor's default and that this Performance Guarantee is called up in terms of 5; or
 - 5.2 A provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Performance Guarantee is called up in terms of 5; and
 - 5.3 The aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
- 6 It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.
- 7 Where the Guarantor has made payment in terms of 5, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Performance Guarantee have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Performance Guarantee shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.
- 8 Payment by the Guarantor in terms of 4 or 5 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.
- 9 Payment by the Guarantor in terms of 5 will only be made against the return of the original Performance Guarantee by the Employer.
- 10 The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may deem fit and the Guarantor shall not have the right to claim his release from this Performance Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.
- 11 The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.
- 12 This Performance Guarantee is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.
- 13 This Performance Guarantee, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.
- 14 Where this Performance Guarantee is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No. 32 of 1944, as



amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

Signed at

Date

Guarantor's signatory: (1)

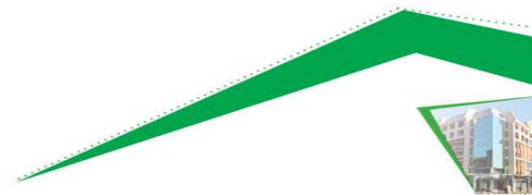
Capacity

Guarantor's signatory (2)

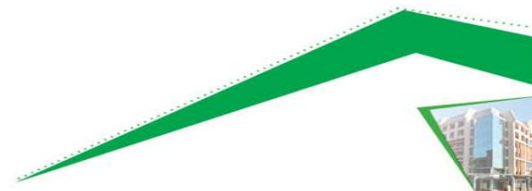
Capacity

Witness signatory (1)

Witness signatory (2)



PART C1.4: DISPUTE RESOLUTION MECHANISM



C1.4 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

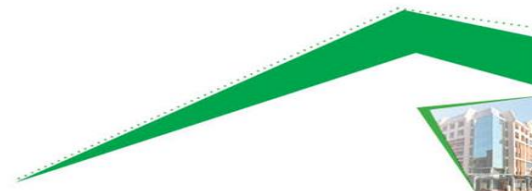
IT IS NOW AGREED as follows:

- 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: _____

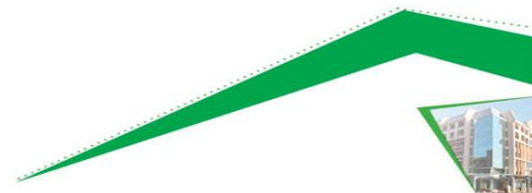
Date: _____

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



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



HIV/STI COMPLIANCE REPORT

SPECIFICATION FOR HIV/AIDS AWARENESS

1 Scope

This generic specification contains requirements applicable to the reduction of the risk of transfer of the HIV virus between and among construction workers and the local community through the following four strategies:

- a) raising awareness about HIV/AIDS;
- b) providing construction workers with access to condoms;
- c) HIV counselling, testing and referral services; and
- d) Sexually Transmitted Infection diagnosis and treatment.

2 Normative references:

The following standard contains provisions that, through reference in this text, constitute provisions of this standard:

SANS 4074 ISO 4074, *Condom Rubbers*

3 Definitions and Abbreviations

3.1 Definitions

Construction Worker: all persons in the employ of the contractor or in the employ of any of the subcontractors contracted by the contractor.

Local Community: the communities' local to the site which are most likely to have contact with the construction worker and, in particular, sex workers in those communities.

Service provider: the natural or juristic person recognised by the South African Department of Health as specialist in conducting Aids Awareness Programmes.

3.2 Abbreviations

STI: Sexually transmitted infection

HIV: Human Immunodeficiency Virus

AIDS: Acquired Immune Deficiency Syndrome

4 Objectives

The objectives are to:

- a) reduce the risk of transfer of the HIV virus between and among construction workers and the local community;



- b) raise awareness amongst construction workers and the local community of the risk of infection with the HIV virus;
- c) promote early diagnosis; and
- d) assist affected individuals to access care and counselling.

5 **Requirements**

5.1 **General requirement**

The contractor shall, in order to satisfy the objectives stated in 4:

- a) make condoms complying with the requirements of SABS ISO 4074 available to all construction workers at readily accessible points on the site, suitably protected from the elements, for the duration of the contract;
- b) either place and maintain HIV/AIDS awareness posters of size of not less than A1 in areas which are highly trafficked by construction workers, or provide construction workers with a pamphlet, in languages largely understood by construction workers, which
- c) encourage voluntary HIV/STI testing;
- d) provide information concerning counselling, support and care of those that are infected services; and
- e) comply with the requirements of 5.2.

The provisions of 5.1 c) and d) do not apply to this contract.

5.2 **HIV awareness programme**

5.2.1 The contractor shall:

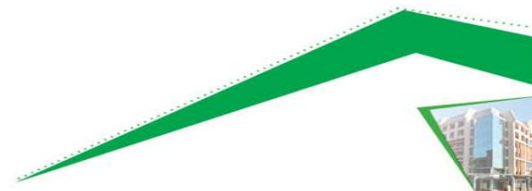
- a) engage a qualified service provider as described in the scope of works to conduct an HIV Awareness Programme which is structured to achieve the outcomes stated in 5.2.3 for contract workers as soon as a construction workers camp is established and populated or, where no such camp is established, within two weeks of the commencement of a significant portion of the works and at subsequent intervals, if any, provided for in the scope of works; and
- b) Arrange for, provide a suitable venue, and instruct all construction workers to attend the HIV Awareness Programme and notify the Employer's Representative of the date, time and venue whenever a session with construction workers is conducted.

Note: The National Department of Public Works maintains a list of qualified service providers.

- 5.2.2 The contractor shall do nothing to dissuade construction workers from attending such an HIV Awareness Programme and shall take all reasonable steps to ensure that a minimum of 90% of construction workers engaged in the works attend such a programme, when it is conducted.



- 5.2.3** The outcomes of the HIV Awareness Programme shall as a minimum, result in contract workers exposed to such a programme being able to:
- a) communicate the existence of problems of HIV and be able to outline the consequences of transmission of HIV to or from the local community;
 - b) recall and communicate the mode of HIV transmission and preventative measures including the proper use of the condom.

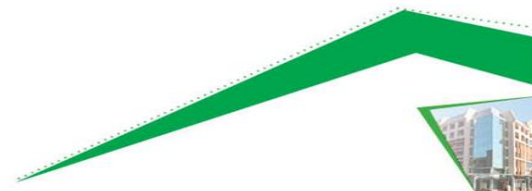


HIV/STI COMPLIANCE REPORT

Pro-forma reporting format in terms of the SPECIFICATION FOR HIV/AIDS AWARENESS

SCMU number:
 Payment Claim number: Period covered by payment claim:

<p>1. Distribution of condoms (briefly describe where and how condoms are distributed).</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>2. Posters / pamphlets (briefly describe where posters were placed / how pamphlets were distributed).</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>3. Voluntary testing (briefly describe the actions taken / information provided to promote testing).</p>
<p>4. Counselling, support and care (summarise information provided).</p>
<p>5. HIV awareness programme (briefly describe action).</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>



6. Schedule of construction workers exposed to the HIV awareness programme.			
Name	<u>Identity number</u>	<u>Trade / occupation</u>	Name of <u>employer</u>

I hereby declare the above to be a true reflection of actions taken to ensure compliance with the specification.

<u>For Contractor:</u>	<u>Employer's representative:</u>
Name: _____	Name: _____
Signature: _____	Signature: _____
Date: _____	Date: _____



PART C2.3: BILLS OF QUANTITIES

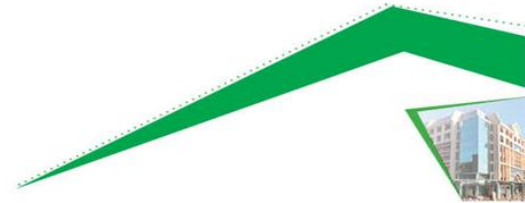


Bill of Quantities

Item	Description	Unit	Qty.	Rate	Total amount
1	Prepare and get approval of health and safety plan and conform to all the requirements of the health and safety plan and specification	Sum	1		
2	Approved Health and Safety File to cover all buildings under the contract	No	1		
3	Provide public liability insurance as specified for the full period of the contract for both lifts and associated maintenance work	Sum	1		
MAKANA SUB-DISTRICT (MAKHANDA/GRAHAMSTOWN & ALEXANDRIA)					
4	Check, repair and materials replace list for servicing of air-cooled split system ducted type air-conditioners as per Annexure 2 consisting of the following: <u>St Aidens Building</u> 1 x Outdoor unit 13 x Indoor units with diffusers 4 x Return air grille (Inclusive of labour and travel)	Sum	1		
5	Check, repair and materials replace list for servicing of multi split ducted type air-conditioners as per Annexure 2 consisting of the following: <u>St Aidens Building</u> 1 x Outdoor unit 5 x Indoor units with diffusers 2 x Return air grille (Inclusive of labour and travel)	Sum	1		
6	Check, repair and materials replace list for servicing of multi split ducted type air-conditioners as per Annexure 2 consisting of the following: <u>Old School Board Building</u> 1 x Outdoor unit 2 x Indoor units with diffusers 1 x Return air grille (Inclusive of labour and travel)	Sum	1		



7	Check, repair and materials replace list for servicing of multi split ducted type air-conditioners as per Annexure 2 consisting of the following: <u>Regional Library Building</u> 2 x Outdoor unit 8 x Indoor units with diffusers 8 x Side wall supply grille 2 x Return air grille (Inclusive of labour and travel)	Sum	1		
8	Check, repair and materials replace list for servicing of console type air-conditioners as per Annexure 2 (Inclusive of labour and travel)	Sum	19		
9	Check, repair and materials replace list for servicing of single split type air-conditioners as per Annexure 2. (Inclusive of labour and travel)	No	55		
10	Check, repair and materials list for servicing of ceiling cassette single split inverter type air-conditioners as per Annexure 2. (Inclusive of labour and travel)	No	3		
11	Check, repair and materials replace list for servicing of VRV inverter type air conditioners as per Annexure 2 consisting of the following: <u>DRE Headquarters</u> 8 x Outdoor units 5 x Pre-conditioned fresh air units 5 x Weather louvres and filters 37 x Constant volume supply air diffusers 21 x Double deflection supply air grille 43 x Return air grille and filter (Inclusive of labour and travel)	Sum	1		
12	Check, repair and materials replace list for servicing of VRV inverter type air conditioners as per Annexure 2 consisting of the following: <u>St Aidens</u> 6 x Outdoor units 22 x Midwall split units 24 x Cassette units (Inclusive of labour and travel)	Sum	1		



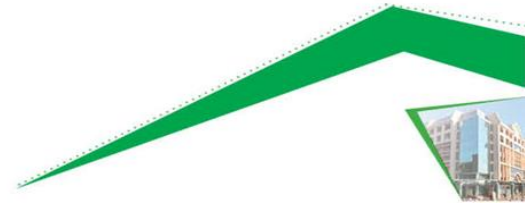
13	Check, repair and materials replace list for servicing of ventilation plant as per Annexure 2 consisting of the following: <u>Regional Library Building</u> 3 x Supply fans 44 x Air supply side wall grilles (Inclusive of labour and travel)	Sum	1		
14	Check, repair and materials replace list for servicing of extraction plant as per Annexure 2 consisting of the following: <u>Regional Library Building</u> 3 x Extraction fans 15 x Return air grilles (Inclusive of labour and travel)	Sum	1		
15	Check, repair and materials replace list for servicing of extraction fans as per Annexure 2 (Inclusive of labour and travel)	No	43		
BEYERS NAUDE SUB-DISTRICT (GRAAFF REINET)					
16	Check, repair and materials replace list for servicing of intelligent touch manager with ltm plus adaptors as per Annexure 2. (Inclusive of labour and travel)	No	1		
17	Check, repair and materials list for servicing of VRV type air-conditioners as per Annexure 2. (Inclusive of labour and travel)	No	15		
18	Check, repair and materials list for servicing of fresh air handling units as per Annexure 2. (Inclusive of labour and travel)	No	3		
19	Check, repair and materials list for servicing of ducted in line extraction units as per Annexure 2. (Inclusive of labour and travel)	No	12		
20	Check, repair and materials list for servicing of console type air-conditioners as per Annexure 2. (Inclusive of labour and travel)	No	52		
21	Check, repair and materials list for servicing of ceiling cassette single split inverter type air-conditioners as per Annexure 2. (Inclusive of labour and travel)	No	162		



22	Check, repair and materials list for servicing of midwall single split type air-conditioners as per Annexure 2. (Inclusive of labour and travel)	No	66		
23	Check, repair and materials list for servicing of extraction fans as per Annexure 2. (Inclusive of labour and travel)	No	4		
NELSON MANDELA SUB DISTRICT (GQEBERHA / PORT ELIZABETH)					
24	Check, repair and materials list for servicing of VRV type air-conditioner complete with outdoor unit as per Annexure 2. (Inclusive of labour and travel)	No	11		
25	Check, repair and materials list for servicing of Hideaway ducted air conditioner complete with outdoor unit as per Annexure 2. (Inclusive of labour and travel)	No	3		
26	Check, repair and materials replace list for servicing of console type air-conditioner complete as per Annexure 2 (Inclusive of labour and travel)	No	105		
27	Check, repair and materials list for servicing of ceiling cassette single split inverter type air-conditioner complete with outdoor unit as per Annexure 2. (Inclusive of labour and travel)	No	10		
28	Check, repair and materials list for servicing of midwall single split type air-conditioner complete with outdoor unit as per Annexure 2. (Inclusive of labour and travel)	No	145		
29	Check, repair and materials list for servicing of Under ceiling air-conditioner complete with outdoor units as per Annexure 2. (Inclusive of labour and travel)	No	1		
30	Check, repair and materials list for servicing of extraction fans as per Annexure 2. (Inclusive of labour and travel)	No	31		
NELSON MANDELA SUB DISTRICT (GQEBERHA / PORT ELIZABETH) – FORD HOUSE					
31	Check, repair and materials list for servicing as per Annexure 2 of HVAC Plant consisting of the following: <u>Air Handling Plant</u> 1 x Donkin BCC39 main supply air fan. 3 x evaporator coils	Sum	1		



	<p>2 x electronic pressure control dampers serving lower ground floor. 30 x primary and secondary air-filters. 1 x fresh air intake louvre. 20 x return air-louvres</p> <p>Outdoor VRV Units LG Multi V TM 5: <u>System 1</u> Unit 1: ARUM 240 L TE5 Unit 2: ARUM 240 L TE5 Unit 3: ARUM 240 L TE5 Unit 4: ARUM 220 L TE5 <u>System 2</u> Unit 1: ARUM 120 L TE5 Unit 2: ARUM 220 L TE5 Unit 3: ARUM 240 L TE5 <u>System 3</u> Unit 1: ARUM 120 L TE5 Unit 2: ARUM 220 L TE5 Unit 3: ARUM 220 L TE5</p> <p>(Inclusive of labour and travel)</p>				
32	Supply and install a complete 1050 x 450mm electronic pressure control damper, transformation piece, actuators, pressure controller including controller box, transformer and pressure sensor complete with 20m communication cable as specified to suite the existing installation.	No	1		
33	Supply and install a complete 550 x 200mm electronic pressure control damper, transformation piece, actuators, pressure controller including controller box, transformer and pressure sensor complete with 20m communication cable as specified to suite the existing installation.	No	1		
34	Supply and install G4 primary and F8 secondary air-filters.	No	30		
35	Check, repair and materials list for servicing of variable volume side wall supply grille with heater as per Annexure 2. (Inclusive of labour and travel)	No	17		
36	Check, repair and materials list for servicing of 600x600 drop-in ceiling air diffuser as per Annexure 2. (Inclusive of labour and travel)	No	200		



	Check, repair and materials list for servicing of return air grilles as per Annexure 2. (Inclusive of labour and travel)	No	30		
NELSON MANDELA SUB DISTRICT (KARIEGA / UITENHAGE)					
37	Check, repair and materials list for servicing of midwall single split type air-conditioner complete with outdoor unit as per Annexure 2. (Inclusive of labour and travel)	No	33		
38	Supply R 22 refrigerant (Excluding travel)	kg	56		
39	Supply R 410 A refrigerant (Excluding travel)	kg	56		
40	Repair refrigerant leak, Pressure test with nitrogen, pull vacuum and recharge system with refrigerant. Inclusive of welding material and nitrogen per installation. (Inclusive of labour) (Excluding travel and refrigerant)	Per 5m refrigerant pipe length	2		
41	Repair refrigerant leak, Pressure test with nitrogen, pull vacuum and recharge system with refrigerant. Inclusive of welding material and nitrogen per installation. (Inclusive of labour) (Excluding travel and refrigerant)	Per 10m refrigerant pipe length	2		
42	Repair refrigerant leak, Pressure test with nitrogen, pull vacuum and recharge system with refrigerant. Inclusive of welding material and nitrogen per installation. (Inclusive of labour) (Excluding travel and refrigerant)	Per 15m refrigerant pipe length	2		
43	Supply, delivery and installation of 9000 btu/hr / 2.6 kW midwall single split inverter type air-conditioner. (Inclusive of labour and standard 5m refrigerant pipe length) (Excluding travel)	No	2		
44	Supply, delivery and installation of 12000 btu/hr / 3.5 kW midwall single split inverter type air-conditioner. (Inclusive of labour and standard 5m refrigerant pipe length)	No	2		



	(Excluding travel)				
45	Supply, delivery and installation of 18000 btu/hr / 5.3 kW midwall single split inverter type air-conditioner. (Inclusive of labour and standard 5m refrigerant pipe length) (Excluding travel)	No	2		
46	Supply, delivery and installation of 24000 btu/hr / 7 kW midwall single split inverter type air-conditioner. (Inclusive of labour and standard 5m refrigerant pipe length) (Excluding travel)	No	2		
47	Supply, delivery and installation of 9000 btu/hr / 2.6 kW console inverter type air-conditioner. (Inclusive of labour) (Excluding travel)	No	2		
48	Supply, delivery and installation of 13000 btu/hr / 3.81 kW console inverter type air-conditioner. (Inclusive of labour) (Excluding travel)	No	2		
49	Supply, delivery and installation of 15000 btu/hr / 4.34 kW console inverter type air-conditioner. (Inclusive of labour) (Excluding travel)	No	2		
50	Supply and install additional five metre refrigerant piping, lagging, trunking etc. (Inclusive of labour) (Excluding travel and refrigerant)	No	5		
51	All data books, service and inspection records with detailed condition report for all mechanical equipment.	Sum	1		
52	Labour rate for technician / mechanic and assistant while travelling to and from site to execute any additional work not specifically mentioned in this specification and schedule of prices	Hours	20		
53	Labour rate for technician / mechanic to do additional work not included in this schedule of prices and when requested by DPW				



	<ul style="list-style-type: none"> • Normal time • Over-time (require approval) • Sundays and public holidays 	Hours	500		
		Hours	10		
		Hours	10		
54	<u>TRANSPORT COST (FOR ADDITIONAL WORK AND PER INSTRUCTION ONLY)</u> Note: The contractor will only be reimbursed for a maximum of two trips per incident. Distance claimed will be from the contractor's workshop situated at (Fill in address) to the site in question Transport and travelling costs	km	25 000		
55	Provisional Amount: <u>MATERIAL COSTS</u> Note: Original invoices for material used must be submitted with the application for payment, i.e. costs must be proven The percentage mark-up quoted below is to apply to all material cost irrespective of value. No extra claims for waste will be entertained Budgetary allowance for materials (Three hundred and fifty thousand rand) <u>PROFIT MARK-UP ON MATERIALS</u> Percentage mark-up on budgetary allowances of R 350 000.00 (Fill item in % and rand value)	Sum	1	R 350 000.00	R 350 000.00
			...%		
56	SUB-TOTAL: ITEMS 1 - 54 Note: All items will be subject to escalation on the anniversary of the contract BUDGETARY ALLOWANCE FOR ESCALATION (Fifty Thousand Rand)	Sum	1	R 50 000.00	R 50,000.00
SUB-TOTAL					



NOTE (Important):

1. Contract Period

The contract period shall be twenty four (24) months commencing from the date of site hand-over to the contractor, or until the amount of the contract sum is completed – whichever event occurs first.

2. Warranty

All equipment shall carry the Manufacturer's warranty against all manufacturing defects for a minimum number of years as specified in the manufacture's specification, underwritten by a recognized insurance company.

3. Workmanship Guarantee

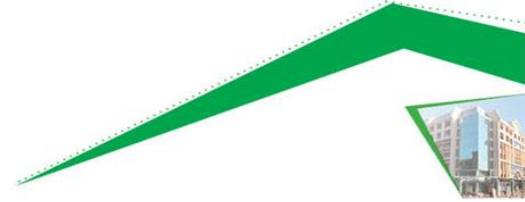
The contractor is to guarantee the new works and workmanship from date of site handover to the last day of the contract.



SUMMARY PAGE

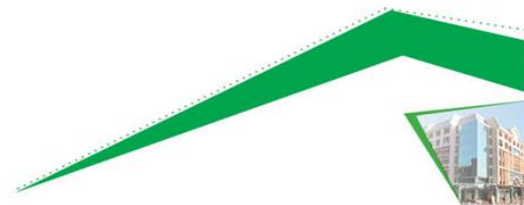
	DESCRIPTION	AMOUNT
1	Contingency amount	R 50 000.00
2	Total amount for comprehensive HVAC equipment maintenance as per specification - carried from schedule of prices (1 – 56 above)	
3	SUB TOTAL	
4	15% VAT	
5	TOTAL (Including VAT)	

THIS TOTAL INCLUDING VAT (item 5) MUST BE CARRIED TO THE FORM OF OFFER AND ACCEPTANCE



PART C3

SCOPE OF WORKS



C3 SCOPE OF WORK

C3 Scope of Work

PROJECT TITLE:	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS
SCMU NUMBER:	SCMU5-23/24/0005SB

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:	TERM CONTRACT FOR MECHANICAL PLANT AND AIRCONDITIONING MAINTENANCE AND REPAIRS AT VARIOUS GOVERNMENT BUILDINGS IN SARAH BAARTMAN FOR A PERIOD OF TWO (2) YEARS
SCMU NUMBER:	SCMU5-23/24/005SB

GENERAL

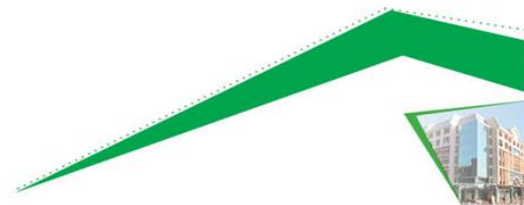
Prospective bidders to familiarize themselves with the locality, access, any other “restrictions”. The area consists of all the buildings belonging to the Provincial Department of Public Works & Infrastructure in the following areas and towns:

1) LIST OF BUILDINGS IN SARAH BAARTMAN REGION (DR BEYERS NAUDE SUBDISTRICT)

	NAME OF OFFICE	AREA	PHYSICAL ADDRESS
1	HUIS BEYERS NAUDE	DR BEYERS NAUDE	NO 9 MURRY STREET, GRAAFF REINET
2	PETRUS DE KLERK	DR BEYERS NAUDE	25 – 31 BOURKE STREET, GRAAFF REINET
3	ROADS DEPARTMENT	DR BEYERS NAUDE	1 VAN DER BYL STREET, GRAAFF REINET
4	PLASKET STREET	DR BEYERS NAUDE	PLASKET STREET, GRAAFF REINET
5	MURRY STREET	DR BEYERS NAUDE	15 MURRY STREET, GRAAFF REINET
6	WOEKE STREET	DR BEYERS NAUDE	28 WOEKE STREET, GRAAFF REINET

2) LIST OF BUILDINGS IN SARAH BAARTMAN REGION (MAKANA SUBDISTRICT)

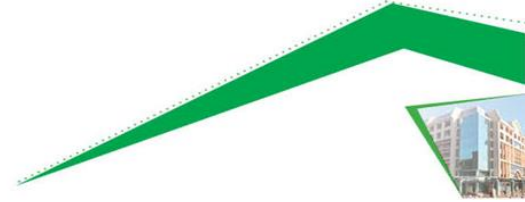
	NAME OF OFFICE	AREA	PHYSICAL ADDRESS
1	REGIONAL LIBRARY	MAKHANDA	CNR MILNER & AFRICAN STREET, MAKHANDA
2	OLD SABC BUILDING	MAKHANDA	CNR AFRICAN & HILL STREET, MAKHANDA
3	ST. AIDANS BUILDING	MAKHANDA	CNR MILNER & CONSTITUTION STREET, MAKHANDA



4	OLD SCHOOL BOARD BUILDING	MAKHANDA	5 HUNTLEY STREET, MAKHANDA
5	MAKANASKOP MULTI PURPOSE CENTRE	MAKHANDA	NOMPONDO STREET, RHINI, MAKHANDA
6	DRE HEADQUARTERS	MAKHANDA	1 REYNOLD STREET, MAKHANDA
7	BEAUFORT HOUSE	MAKHANDA	49 BEAUFORT STREET, MAKHANDA
8	ELIZABETH ROOS BUILDING	ALEXANDRIA	CNR MARTHA & STEFANUS OOSTUIZEN STREET, ALEXANDRIA

3) LIST OF BUILDINGS IN NELSON MANDELA REGION (GQEBERHA SUBDISTRICT)

	NAME OF OFFICE	AREA	PHYSICAL ADDRESS
1	46 PARK DRIVE	GQEBERHA	46 PARK DRIVE
2	COLLEGIATE BUILDING	GQEBERHA	14 ATHOL FUGARD TERRACE
3	JUMARTHA MILASE MAJOLA BUILDING	GQEBERHA	STRUANWAY ROAD
4	STRUANDALE ROADS	GQEBERHA	STRUANWAY ROAD
5	STRUANDALE TRAFFIC	GQEBERHA	STRUANWAY ROAD
6	WALTON BUILDING	GQEBERHA	CONYNGHAM ROAD



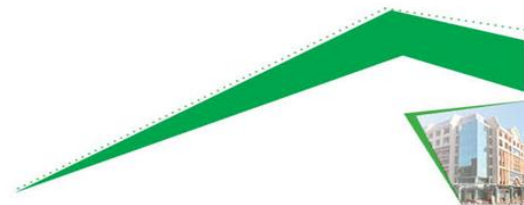
ANNEXURE 1

OHS SPECIFICATION

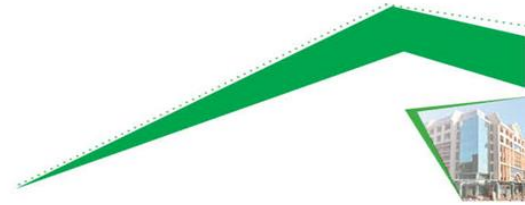


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1. PREAMBLE

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.

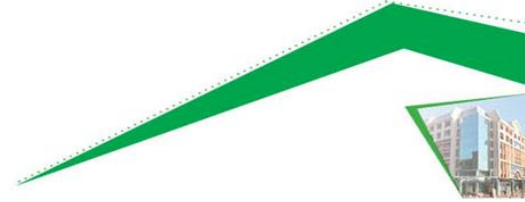
This health and safety specification in respect of a construction work contract:

- 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

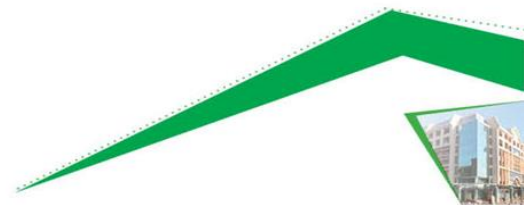
- a) The Client and/or its Agent on its behalf to ensure that the Principal Contractor, appointed in terms of Construction Regulation 4(1)(c), implements and maintains the agreed and approved H&S Plan. Failure on the part of the Client or Agent to comply with this requirement will not relieve the Principal 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**

- The Act and its associated regulations shall have precedence in the interpretation of any ambiguity or inconsistency between it and this specification.
- Compliance with the requirements of this specification does not necessarily result in compliance with the provisions of the Act.
- The Occupational Health and Safety Act and all its Regulations, with the exception of the Construction Regulations, distinguish between the roles, responsibilities and functions of employers and employees respectively. It views consultants and contractors as employees of the "owner" of a construction or operational project, the "owner" being regarded as the employer.



- d) The position taken by the Construction Regulations is that the “owner”, in terms of its instructions, operates (has to operate) in the role of client as per relevant definition. The contractors working for the “client” are seen to be in two categories, i.e. the Principal Contractor and Contractors.
- e) The Principal Contractor has to take full responsibility for the health and safety on the site of the relevant project / contract. This includes monitoring health and safety conditions and overseeing administrative measures required by the Construction Regulations from all contractors on the project site.
- f) The words **Principal Contractor** and **Contractor** in this document are used interchangeable, unless clearly expressed otherwise to mean something else e.g. when used to describe roles, responsibilities, functions, acts or omissions of the sub-contractor(s).

7. RESPONSIBILITIES

7.1 Client

- a) The Client or his appointed Agent on his behalf will appoint each Principal Contractor for this project or phase/section of the project in writing for assuming the role of Principal Contractor as intended by the Construction Regulations.
- b) The Client or his appointed Agent on his behalf shall discuss and negotiate with the Principal Contractor the contents of the health and safety plan of the both Principal Contractor and Contractor for approval.
- c) The Client or his appointed Agent on his behalf will take reasonable steps to ensure that the health and safety plan of both the Principal Contractor and Contractor is implemented and maintained. The steps taken will include periodic audits at intervals of at least once every month.
- d) The Client or his appointed Agent on his behalf, will prevent the Principal Contractor and/or the Contractor from commencing or continuing with construction work should the Principal Contractor and/or the Contractor at any stage in the execution of the works be found to:
 - have failed to have complied with any of the administrative measures required by the Construction Regulations in preparation for the construction project or any physical preparations necessary in terms of the Act;
 - have failed to implement or maintain their health and safety plan;
 - have executed construction work which is not in accordance with their health and safety plan; or
 - act in any way which may pose a threat to the health and safety of any person(s) present on the site of the works or in its vicinity, irrespective of him/them being employed or legitimately on the site of the works or in its vicinity.



7.2 Principal Contractor

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



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

7.3 Contractor / sub-contractor

The contractor must demonstrate to the Principal Contractor that he has the necessary competencies and resources to perform the 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 sub-contractor to comply with the provisions of the Act; and



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

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

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

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

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

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

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



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

The contractor shall ensure that:

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

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

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

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

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

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

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

7.4 Construction supervisors

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



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

7.5 Competent persons

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

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

The contractor shall appoint in writing competent persons to:

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

6. Appointment of a Fulltime/ Part time Safety Officer

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

- 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.*
- Number of employees above 50 – Fulltime Safety Officer should be appointed.*
- 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;



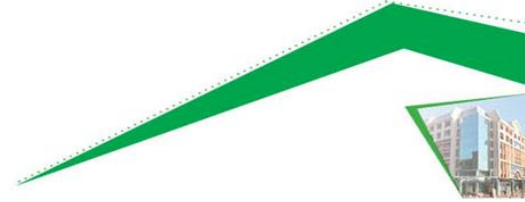
- the contractor's health and safety policy, signed by the chief executive officer, which outlines the contractor's objectives and how they will be achieved and implemented by the contractor;
- copies of all risk assessments that were conducted.
- the notification made to the Provincial Director of Labour, 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 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.

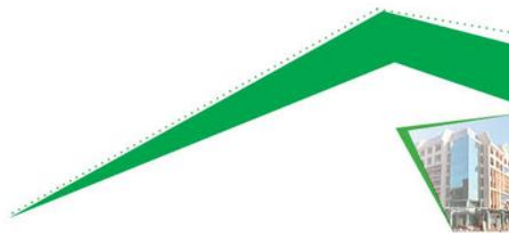
13. PROJECT/SITE SPECIFIC REQUIREMENTS

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



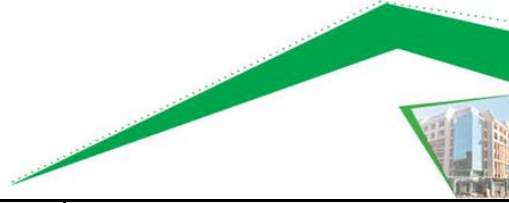
- g) Use of portable electrical & explosive tools
- h) Any Excavation work
- i) Any welding work
- j) Loading & offloading of trucks
- k) Driving & operations of Construction vehicles & mobile plant
- l) Temporal works and
- m) Construction work as defined in the construction regulation 2014



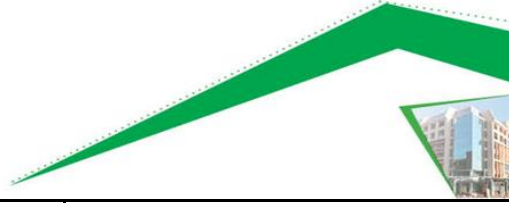
14. OUTLINED DATA, REFERENCES AND INFORMATION ON CERTAIN AND/OR SPECIFIC OBLIGATORY REQUIREMENTS TO ENSURE COMPLIANCE

Administrative & Legal Requirements

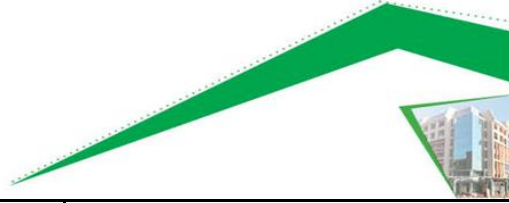
(a) OHS Act Section/ (b) Regulation	b) Subject	(1) Requirements
Construction. Regulation	Notice of carrying out Construction work	<ul style="list-style-type: none"> Department of Labour notified Copy of Notice available on Site
General Admin. Regulation 4	Copy of OH&S Act (Act 85 of 1993)	<ul style="list-style-type: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



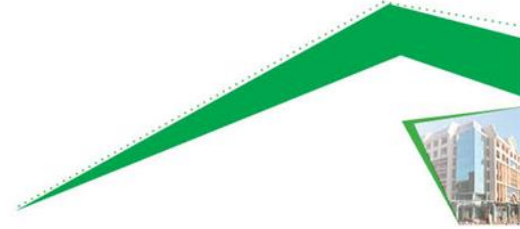
		<ul style="list-style-type: none"> • Meaningful H&S Rep. reports. • Reports actioned by Management.
Section 19 & 20 General Administrative Regulations 5	Health & Safety Committee/s	<ul style="list-style-type: none"> • H&S Committee/s established. • All H&S Reps shall be members of H&S Committees • Additional members are appointed in writing. • Meetings held monthly, Minutes kept. • Actioned by Management.
Section 37(1) & (2)	Agreement with Mandatories/ (Sub-)Contractors	<ul style="list-style-type: none"> • Written agreement with (Sub-)Contractors • List of 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)	<ul style="list-style-type: none"> • Incident Reporting Procedure displayed. • All incidents in terms of Sect. 24 reported to the Provincial Director, Department of Labour, within 3 days. (Annexure 1) (WCL 1 or 2) and to the Client and/or its Agent on its behalf • Cases of Occupational Disease Reported • Copies of Reports available on Site • Record of First Aid injuries kept
General Admin. Regulation 9	Investigation and Recording of Incidents	<ul style="list-style-type: none"> • All injuries which resulted in the person receiving medical treatment other than first aid, recorded and investigated by investigator designated in writing. • Copies of Reports (Annexure 1) available on Site • Tabled at H&S Committee meeting • Action taken by Site Management.
Construction. Regulation 8	Fall Prevention & Protection	<ul style="list-style-type: none"> • Competent person appointed to draw up the Fall Protection Plan • Proof of appointee's competence available on Site • Risk Assessment carried out for work at heights • Fall Protection Plan drawn up/updated • Available on Site



Construction. Regulation Driven Machinery Regulations 18 & 19	Cranes & Lifting Machines Equipment	<ul style="list-style-type: none"> Competent person appointed in writing to inspect Cranes, Lifting Machines & Equipment Written Proof of Competence of above appointee available on Site. Cranes & Lifting tackle identified/numbered Register kept for Lifting Tackle Log Book kept for each individual Crane Inspection: - All cranes - daily by operator <ul style="list-style-type: none"> - Tower Crane/s - after erection/6monthly - Other cranes - annually by comp. person - Lifting tackle(slings/ropes/chain slings etc.) - daily or before every new application
General Safety Regulation 8(1)(a)	Designation of Stacking & Storage Supervisor.	<ul style="list-style-type: none"> Competent Person/s with specific knowledge and experience designated to supervise all Stacking & Storage Written Proof of Competence of above appointee available on Site
Construction. Regulation Environmental Regulation 9	Designation of a Person to Co-ordinate Emergency Planning And Fire Protection	<ul style="list-style-type: none"> Person/s with specific knowledge and experience designated to co-ordinate emergency contingency planning and execution and fire prevention measures Emergency Evacuation Plan developed: Drilled/Practiced Plan & Records of Drills/Practices available on Site Fire Risk Assessment carried out All Fire Extinguishing Equipment identified and on register. Inspected weekly. Inspection Register kept Serviced annually
General Safety Regulation 3	First Aid	<ul style="list-style-type: none"> Every workplace provided with sufficient number of First Aid boxes. (Required where 5 persons or more are employed) First Aid freely available Equipment as per the list in the OH&S Act. One qualified First Aider appointed for every 50 employees. (Required where more than 10 persons are employed) List of First Aid Officials and Certificates Name of person/s in charge of First Aid box/es displayed.



		<ul style="list-style-type: none"> • Location of First Aid box/es clearly indicated. • Signs instructing employees to report all • Injuries/illness including first aid injuries
General Safety Regulation 2	Personal Safety Equipment (PSE)	<ul style="list-style-type: none"> • PSE Risk Assessment carried out • Items of PSE prescribed/use enforced • Records of Issue kept • Undertaking by Employee to use/wear PSE • PSE remain property of Employer, not to be removed from premises GSR 2(4)
General Safety Regulation 9	Inspection & Use of Welding/Flame Cutting Equipment	<ul style="list-style-type: none"> • Competent Person/s with specific knowledge and experience designated to Inspect Electric Arc, Gas Welding and Flame Cutting Equipment • Written Proof of Competence of above appointee available on Site • All new vessels checked for leaks, leaking vessels NOT taken into stock but returned to supplier immediately • Equipment identified/numbered and entered into a register • Equipment inspected weekly. Inspection Register kept • Separate, purpose made storage available for full and empty vessels
General Safety Regulation 13A	Inspection of Ladders	<ul style="list-style-type: none"> • Competent person appointed in writing to inspect Ladders • Ladders inspected at arrival on site and weekly thereafter. Inspections register kept • Application of the types of ladders (wooden, aluminium etc.) regulated by training and inspections and noted in register
General Safety regulation 13B	Ramps	<ul style="list-style-type: none"> • Competent person appointed in writing to supervise the erection & inspection of Ramps. Inspection register kept. • Daily inspected and noted in register



15. THE PRINCIPAL CONTRACTOR'S GENERAL DUTIES

i. General

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

ii. Personal protective equipment and clothing

The contractor shall ensure that:

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

l) 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.

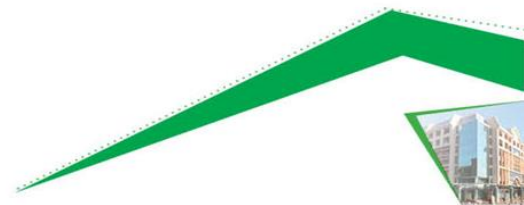
22. MEASUREMENT AND PAYMENT

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



Minor: Penalty: R50/count	Medium: Penalty: R500/count and a non-conformance	Severe Penalty: R5000/count, a non- conformance and/or activity stoppage
	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**



4. ROUTINE SERVICING AND MAINTENANCE WORK (COMPREHENSIVE MAINTENANCE)

Comprehensive Maintenance shall cover the following HVAC equipment:

1.1 HVAC Equipment

- Intelligent touch manager with Itm 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.

5. 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 manometric 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.

6. 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:

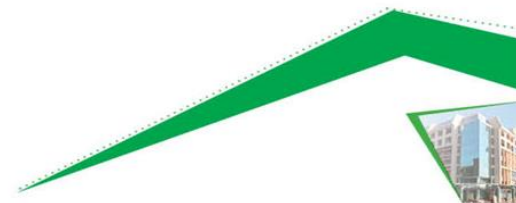
1. The maximum down-time is unreasonable in relation to the scope of the repair work required.
2. The delivery time of a new component/subassembly/machine or spares required for the repair of the defective component/subassembly does not enable the Contractor to successfully complete the repair work within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

Should the actual down-time exceed the maximum down-time, the Contractor shall be penalized as per Clause 5.13.1.



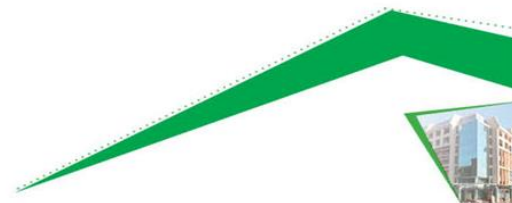
PRIORITY	DESCRIPTION	RESPONSE
P1	Emergency (Life Threatening)	Immediate response from the time of logging a call and the emergency to be resolved (at least temporarily) within 8 hours
P2	Urgent	Immediate response from the time of logging a call and to be resolved within 12 hours
P3	Planned Maintenance 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



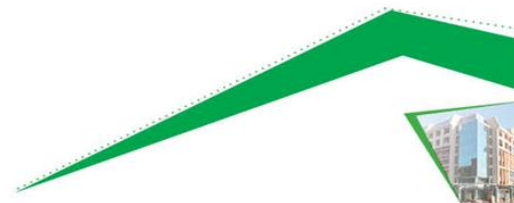
1. LIST OF EQUIPMENT IN SARAH BAARTMAN REGION – DR BEYERS NAUDE SUBDISTRICT

OFFICE BUILDINGS	INTELLEGEN TOUCH MANAGER	VRV INVERTER TYPE AIR- CONDITIONERS (OUTDOOR UNITS)	FRESH AIR HANDLING UNITS	IN-LINE DUCT EXTRACTION FANS	CONSOLE INVERTER TYPE AIR- CONDITIONERS	CEILING CASSETTE SINGLE SPLIT INVERTER TYPE AIR-CONDITIONERS	MIDWALL SINGLE SPLIT TYPE AIR- CONDITIONERS	EXTRACTION FANS
HUIS BEYERS NAUDE (OLD HOUSE)				1		10	1	
HUIS BEYERS NAUDE (MAIN BUILDING)	1	14	2	11		152	5	
PETRUS DE KLERK (DEPT SPORTS, RECREATION,ARTS AND CULTURE)					4		6	
PETRUS DE KLERK (DEPT. ECONOMIC DEVELOPMENT AND AGRARIAN REFORM)					10			2
PETRUS DE KLERK (DEPT. ECONOMIC DEVELOPMENT AND ENVIRONMENTAL AFFAIRS)					18			2
ROADS DEPARTMENT					20		14	
PLASKET STREET		1	1				12	
MURRY STREET							21	
WOEKE STREET							7	



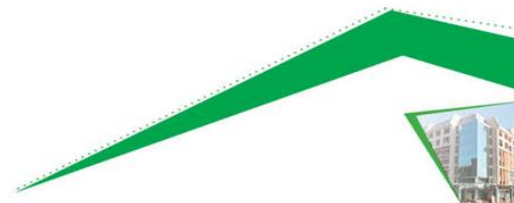
2. LIST OF EQUIPMENT IN SARAH BAARTMAN REGION - MAKANA SUBDISTRICT

OFFICE BUILDINGS	VRV INVERTER TYPE AIR-CONDITIONERS (OUTDOOR UNITS)	PRE-CONDITIONED FRESH AIR UNITS	PRE-CONDITIONED FRESH AIR UNITS (WEATHER LOUVRE AND FILTER)	VRV INVERTER - CONSTANT VOLUME DIFFUSERS (SUPPLY AIR DIFFUSERS)	VRV INVERTER - DOUBLE DEFLECTION SUPPLY AIR GRILLE (SUPPLY AIR DIFFUSERS)
REGIONAL LIBRARY	3				
OLD SABC BUILDING					
ST. AIDANS BUILDING	6				
OLD SCHOOL BOARD BUILDING					
MAKANASKOP MULTI PURPOSE CENTRE					
DRE HEADQUARTERS	8	5	5	37	21
BEAUFORT HOUSE					
ELIZABETH ROOS BUILDING					



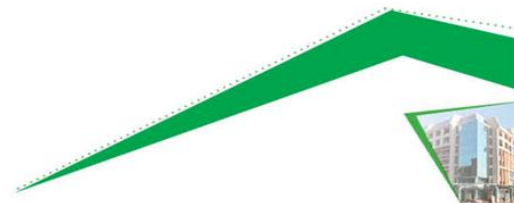
7. LIST OF EQUIPMENT IN SARAH BAARTMAN REGION - MAKANA SUBDISTRICT

OFFICE BUILDINGS	VRV INVERTER - RETURN AIR GRILLE AND FILTER	VRV INVERTER TYPE AIR- CONDITIONERS - MIDWALL SPLIT AIR-CONDITIONERS (INDOOR UNITS)	VRV INVERTER TYPE AIR- CONDITIONERS - CEILING CASSETTE AIR- CONDITIONERS (INDOOR UNITS)	VENTILATION PLANT SUPPLY FANS (PLANTROOM)	VENTILATION PLANT AIR SUPPLY SIDE WALL GRILLS (OFFICES & OPEN AREAS)
REGIONAL LIBRARY				3	44
OLD SABC BUILDING					
ST. AIDANS BUILDING		22	24		
OLD SCHOOL BOARD BUILDING					
MAKANASKOP MULTI PURPOSE CENTRE					
DRE HEADQUARTERS	43				
BEAUFORT HOUSE					
ELIZABETH ROOS BUILDING					



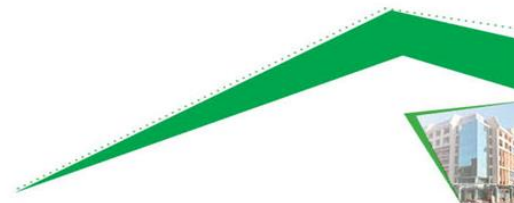
8. LIST OF EQUIPMENT IN SARAH BAARTMAN REGION - MAKANA SUBDISTRICT

OFFICE BUILDINGS	EXTRACTION PLANT	EXTRACTION PLANT RETURN AIR GRILLS	AIR-COOLED SPLIT SYSTEM DUCTED TYPE AIR-CONDITIONER - (OUTDOOR UNIT)	AIR-COOLED SPLIT SYSTEM DUCTED TYPE AIR-CONDITIONER – CEILING SUPPLY AIR DIFFUSERS (INDOOR UNITS)	AIR-COOLED SPLIT SYSTEM DUCTED TYPE AIR-CONDITIONER – RETURN AIR GRILLS
REGIONAL LIBRARY	3	15			
OLD SABC BUILDING					
ST. AIDANS BUILDING			1	13	4
OLD SCHOOL BOARD BUILDING					
MAKANASKOP MULTI PURPOSE CENTRE					
DRE HEADQUARTERS					
BEAUFORT HOUSE					
ELIZABETH ROOS BUILDING					



9. LIST OF EQUIPMENT IN SARAH BAARTMAN REGION - MAKANA SUBDISTRICT

OFFICE BUILDINGS	MULTI SPLIT DUCTED TYPE AIR- CONDITIONERS (OUTDOOR UNITS)	MULTI SPLIT DUCTED TYPE AIR-CONDITIONERS – CEILING SUPPLY AIR DIFFUSERS (INDOOR UNITS)	MULTI SPLIT DUCTED TYPE AIR- CONDITIONERS – SIDE WALL SUPPLY GRILLE (INDOOR UNITS)	MULTI SPLIT DUCTED TYPE AIR- CONDITIONERS – RETURN AIR GRILLS	CONSOLE TYPE AIR-CONDITIONERS
REGIONAL LIBRARY	2	8	8	2	
OLD SABC BUILDING					
ST. AIDANS BUILDING	1	5		2	
OLD SCHOOL BOARD BUILDING	1	2		1	
MAKANASKOP MULTI PURPOSE CENTRE					
DRE HEADQUARTERS					19
BEAUFORT HOUSE					
ELIZABETH ROOS BUILDING					



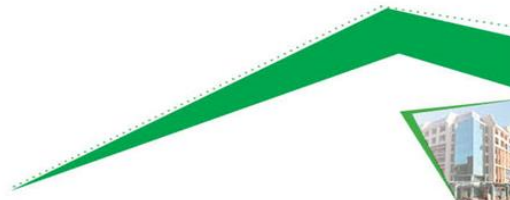
10. LIST OF EQUIPMENT IN SARAH BAARTMAN REGION - MAKANA SUBDISTRICT

OFFICE BUILDINGS	MIDWALL SINGLE SPLIT TYPE AIR- CONDITIONERS	CEILING CASSETTE SINGLE SPLIT TYPE AIR- CONDITIONERS	UNDER CEILING CASSETTE SINGLE SPLIT TYPE AIR- CONDITIONERS	EXTRACTION FANS
REGIONAL LIBRARY	2			
OLD SABC BUILDING	5		1	
ST. AIDANS BUILDING	7	1		15
OLD SCHOOL BOARD BUILDING	2			3
MAKANASKOP MULTI PURPOSE CENTRE	24			
DRE HEADQUARTERS	4			
BEAUFORT HOUSE	4			
ELIZABETH ROOS BUILDING	7	1		25



11. LIST OF EQUIPMENT IN NELSON MANDELA REGION – GQEBERHA SUBDISTRICT

OFFICE BUILDINGS	HIDEAWAY DUCTED AIR CONDITIONER WITH DIFFUSERS	VRV INVERTER TYPE AIR-CONDITIONERS (OUTDOOR UNITS)	FRESH AIR HANDLING UNITS	HVAC PLANT	CONSOLE INVERTER TYPE AIR-CONDITIONERS	CEILING CASSETTE SINGLE SPLIT INVERTER TYPE AIR-CONDITIONERS	MIDWALL SINGLE SPLIT TYPE AIR-CONDITIONERS	UNDER CEILING AIR CONDITIONERS	EXTRACTION FANS
46 PARK DRIVE (DEPARTMENT OF EDUCATION)							3		
COLLEGIATE BUILDING (DEPT ECON DEVELOPMENT & ENV AFFAIRS)					9	1	34		1
JUMARTHA MILASE MAJOLA BUILDING (DEPT SOCIAL DEV)	3	1	1		86	6	34		5
STRUANDALE ROADS (DEPT. TRANSPORT)			1	3	1		4		19
STUANDALE TRAFFIC (DEPT. TRANSPORT)			1	1			5		
WALTON BUILDING (DEPT OF HEALTH)					9		39		
ETHEL VALENTINE BUILDING (DEPT EDUCATION)						2	12		6
FORD HOUSE BUILDING (DEPT PUBLIC WORKS)		10		1		1	14	1	



LIST OF EQUIPMENT IN NELSON MANDELA REGION – KARIEGA SUBDISTRICT

ENOCH SONTONGA BUILDING (DEPT OF EDUCATION)							32		
DUGMORE HOUSE (DEPT OF EDUCATION)							1		