



NMM5-21/22/0022

QUOTATION

**SUPPLY, DELIVEREY AND INSTALLATION OF
NEW AIR CONDITIONERS, REMOVAL OF
EXISTING AIR CONDITIONERS AND SERVICE
OTHER AIR CONDITIONERS AT WALTON
BUILDING IN GQEBERHA.**

NMM5-21/22/0022

NAME OF COMPANY:

CSD Nr:

CRS Nr (CIDB):

CLOSING DATE: 11 NOVEMBER 2021

TIME: 11:00 am

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



T1.1 Tender Notice and Invitation to Tender

The Eastern Cape Department Public Works & Infrastructure invites Contractors with a CIDB Grading of **1ME/1ME PE ONLY** in the following Class of works (ME) tenders **SUPPLY, DELIVERY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GQEBERHA.**

The contract will be based on the GCC and Standard Bidding Document 7.1/ 7.2.

Documents may be obtained from the offices of the Department of Public Works & Infrastructure, Ground Floor, Old Ford House Building, 55 Corner Albany, Westbourne and Clevedon Road, Gqeberha from the **28 October 2021.**

Queries relating to the issue of these documents may be addressed in writing to Mr. Alex Hitzeroth - alex.hitzeroth@ecdpw.gov.za, email: Alex.Hitzeroth@ecdpw.gov.za. **Technical enquiries:** may be addressed in writing to Mr. Morne Kasselman – email: morne.kasselman@ecdpw.gov.za.

The closing time for receipt of tenders by the ECDPWI is **11:00am on 11 November 2021**, facsimile, e-mail and late tenders will not be accepted. Bids must be submitted in sealed envelopes clearly marked **"NMM5-21/22/0022: SUPPLY, DELIVERY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GGQEBERHA,** must be deposited in the bid box, Ground Floor, Department of Public Works & Infrastructure, Old Ford House Building, Corner Albany, Westbourne and Clevedon 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.

Tenders must use only the documents issued by the employer. Tenderers must be registered on the National Treasury Central Supplier Data Base prior the award. (<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 Two (2) Phases as follows:

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

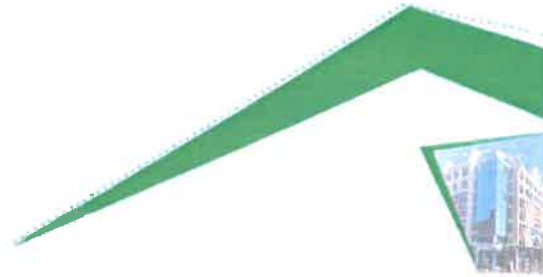
Phase Two: Tenderers passing all stages above will thereafter be evaluated on PPPFA

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

| | | |
|---------------------------|---|------------|
| Maximum points on price | - | 80 points |
| Maximum points for B-BBEE | - | 20 points |
| Maximum points | - | 100 points |



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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 & Infrastructure SCM policy applies.

Tender validity period is **60 days**.

D. TENDER SUBMISSIONS:

Bids must be submitted in sealed envelopes clearly marked "**NMM5-21/22/0022: SUPPLY, DELIVERY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GQEBERHA**", must be deposited in the bid box, Ground Floor, Department of Public Works & Infrastructure, Old Ford House Building, Corner Albany, Westbourne and Clevedon Road, Central, Gqeberha.

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

- **SCM RELATED ENQUIRIES**

Mr A. Hitzeroth

Tel No: **041 390 9067/ 079 520 4510** (during office hours)

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

- **TECHNICAL ENQUIRIES**

Mr. M. Kasselman

Tel No.: **041 390 9081/ 082 561 0194** (during office hours)

Email Address: morne.kasselman@ecdpw.gov.za

- **OCCUPATIONAL HEALTH & SAFETY**

Ms. Siphokazi Godfrey

Tel No: **041 390 9077** (during office hours)

Email Address: Siphokazi.hlungula@ecdpw.gov.za

FOR COMPLAINTS, FRAUD, & TENDER ABUSE:

Call: 0800 701 701



T1.2 Tender Data

The conditions of tender are the latest edition of SANS 10845-3, *Standard conditions of tender*. SANS 10845-3 makes several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the provisions of SANS 10845-3 and as contained in **Annexure F of Standard for Uniformity in Construction Procurement (Board Notice 136 Government Gazette No 38960 of 10 July 2015)**. 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 Department of Public Works & 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>T2.1 - Check list of returnable documents (checklist)</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>Part C2: Pricing data</p> <p>C2.1 - Notes to Tenderers</p> <p>C2.2 - Specifications of materials and work</p> |
| 3.3 | <p>The employer's agent is :</p> <p>Name: Morne Kasselmann</p> <p>Department of PUBLIC WORKS & INFRASTRUCTURE</p> <p>Old Ford House Building,</p> <p>Tel: 041 390 9081</p> <p>Fax: 041 390 2066</p> <p>E-mail: morne.kasselmann@ecdpcw.gov.za</p> |
| 3.4 | The language for communications is English. |
| 3.5 | <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 process and/or tender documents.</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> |
| 3.6.1 | 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. |
| 4 | Tender's obligations |



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| 4.1 | Only those tenderers who satisfy the following eligibility criteria and who provide the required evidence in their tender submissions are eligible to submit tenders and have their tenders evaluated: |
| 4.1.1 | <p>Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in 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) or 25(7A) of the Construction Industry Development Regulations, for a CIDB Grade 1ME/ 1ME PE ONLY class of construction work, are eligible to have their tenders evaluated.</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; the lead partner has a contractor grading designation in the CIDB Grade 1ME/ 1ME PE ONLY 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 1ME/ 1ME PE ONLY class of construction work or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations. |
| 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 | <p>Confidentiality and copyright of documents</p> <p>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.</p> |
| 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. |
| 4.7 | <p>The arrangements for a compulsory clarification meeting are as stated in the Tender Notice and Invitation to Tender.</p> <p>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.</p> <p>Tender documents will not be made available at the clarification meeting</p> |
| 4.8 | <p>Seek clarification</p> <p><i>Request clarification of the tender documents, if necessary, by notifying the employer at least 3 (Three) working days before the closing time stated in the tender data.</i></p> |
| 4.9 | <p>Tenderers are required to state the rates and currencies in Rands.</p> <p>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 up to 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.</p> <p>State the rates and prices in monetary value of the contract unless otherwise instructed in the tender data.</p> |
| 4.10 | <p>If the offer (any of the items quoted for) is "Vat Inclusive", the VAT registration number of service provider must be indicated. Bidders are not entitled to claim the VAT if they are not VAT registered. If a bidder claims VAT but is not VAT registered, the bidder will be required to register for VAT within 21 days of award.</p> |



| | |
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| 4.11 | <p>Alteration to documents 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.</p> |
| 4.12 | <p>Alternative tender offers Only one offer per item per bidder is allowed and alternative offers will not be considered. If more than one offer per item is received, none of the offers will be considered. Bidders are also not allowed to submit a bid/ quotation whilst they are in agreements with other bidders in the form of joint ventures or consortiums</p> |
| 4.12.1 | <p>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 b) the parts communicated electronically by the employer or its agents on paper format with the tender.</p> |
| 4.12.2 | <p>Sign the original 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.</p> |
| 4.12.4 | <p>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, Corner Westbourne and Clevedon Road, Central, Gqeberha 6001 Identification details: NMM5-21/22/0022: SUPPLY, DELIVERY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GQEBERHA. Closing date: 11 NOVEMBER 2021 at 11:00</p> |
| 4.12.5 | <p>The tenderer is required to complete with his tender the following registration numbers: 1) CSD number. <i>In the case of a Joint Venture/Consortium/Sub-contractors each party must submit a separate CSD numbers</i> 2) CIDB Grading or CRS number. <i>In the case of a Joint Venture/Consortium/Sub-contractors each party must submit a separate CIDB Grading or CRS numbers.</i></p> |
| 4.12.6 | <p>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.</p> |
| 4.13 | <p>The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender. Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Proof of posting shall not be accepted as proof of delivery. Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of the standard conditions of tender in this part of SANS 10845 apply equally to the extended deadline.</p> |
| 4.14.1 | <p>The tender offer validity period is 60 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</p> |



| | |
|----------|---|
| | 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. |
| 4.14.2 | <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> |
| 4.14.3 | <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> |
| 5 | Employer's undertakings |
| 5.1 | <p>The Employer will respond to requests for clarification received up to Three (3) 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 Three (3) working days before tender closing time. |
| 5.4 | Tenders will be opened immediately after the closing time of tenders at 11:00am hours. (PUBLIC OBSERVERS WILL NOT BE PERMITTED DUE TO COVID-19) |
| 5.6 | 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. |
| 5.9 | <p>Arithmetical errors, omission and discrepancies</p> <p>Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.</p> <p>For Vat related discrepancies, National and Provincial Treasury prescripts in relation to VAT procedures apply.</p> |
| 5.11.1 | The financial offer will be reduced to a comparative basis using the Tender Assessment Schedule. |



Table F.1: Formulae for calculating the value of A

| 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. | | | |

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 tenderer(s) to a reasonable amount. Tenderers are not allowed to increase their tender offers during this process.

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 tenderer has been awarded a considerable number of projects by the department; has performed unsatisfactorily in the past. The department reserves the right to verify any information provided by the tender prior award.

5.11.4

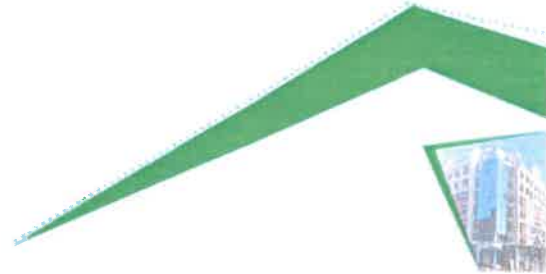
The procedure for the evaluation of responsive tenders is **Method 3:**

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

Phase Two: Bidders passing all phases above will thereafter be evaluated on PPPFA for Price and preference (80/20 system)

1. **PHASE ONE: RESPONSIVENESS TO THE BID REQUIREMENTS AND RULES**

- A. Administration information on parts of the document that is omitted in error, but can be found elsewhere in the document, will not be an eliminating factor. An example of this could be VAT number or Business registration number that is repeated elsewhere in the document. These omissions will be deemed to be administrative errors and not deliberate attempts to mislead the Department.
- B. Bidders who are VAT vendors must include VAT in their prices quoted and must indicate their VAT Registration Number in the bid document.
If the successful bidder is not a VAT Vendor, but included VAT in its tender offer, the award would be conditional pending the successful bidder submitting proof of registration as a VAT vendor with SARS, within 21 days of been notified to so.
- C. Bidders' proposals must meet the following minimum requirements and supporting documents must be submitted with the completed bid document in a sealed envelope in the bid box at the closing date and time. Failure to comply will automatically eliminate the bid for further consideration:



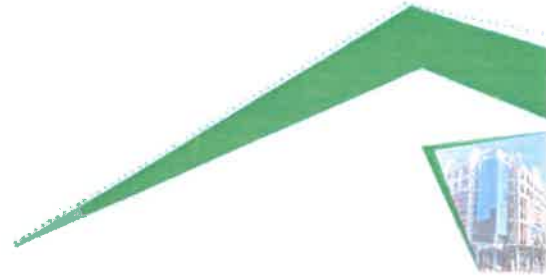
1. The bid Document must be completed and submitted in its original format
 2. Bids which are late, unsigned or submitted by facsimile or electronically, will not be accepted.
 3. Bidder must be registered with CIDB grading of **1ME/ 1ME PE ONLY** in the following class of works (ME) as per the tender notice and requirements. It is the responsibility of the bidder to keep the status on CIDB active throughout bidding process (**advert till award stage**).
 4. Bidders must be a legal entity or sole proprietor or partnership or joint venture or consortia.
 5. Form of offer and Acceptance: ***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.***
 6. SBD 4- Declaration of Interest. (In the event that prospective bidders are directors in other companies, they must ensure that they disclose such information on **SBD4 – 2.11 and 2.11.1** failing which the bid will be rejected)
 7. SBD 8- Declaration of Bidder's past Supply Chain Management Practices
 8. SBD 9- Certificate of Independent Bid Determination.
 9. In the event of a consortia/joint ventures, a signed agreement and Certificate of Authority for Joint Ventures must be submitted with the bid. In the case of a joint venture state 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 (Only if applicable)
 10. A Resolution of signatory form must be completed and signed by director/s or a letter bearing a letterhead of the tenderer must be attached (specific to this bid) to the bid submission; it must be duly signed by all directors and submitted with the bid. Only a duly authorized official can sign the bid. – (Only if applicable).
 11. Attendance of compulsory briefing meeting (Only if applicable).
 12. 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; abused the Employer's Supply Chain Management System; or failed to perform on any previous contract and has been given a written notice to this effect 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.
 13. Bidders must submit brochures on all equipment offered and attach to the bid document. The unit offered shall fully satisfy all requirements as per specification. Failing the above bidders will have 3 days to submit brochures on units offered, or the bid will be invalid resulting in disqualification of the bid.
 14. Schedule of Particulars: Section 23 – 24 from page 76 up to 81 of the Specification must be completed.
- VAT COMPLIANCE:**
1. If a bidder is a VAT vendor/registered, the bidder is required to explicitly state the VAT amount on the price schedule or Bill of Quantities and Vat vendors must include VAT at 15% on their bid offer.
 2. Non-VAT vendors do not have to include VAT in their bid prices.



3. Non-VAT vendors who submit bids for contracts that would, if they are successful, take their annual turnover above the threshold of R1 million, must include VAT in their prices quoted and must therefore within 21 days of a provisional award of the contract, register with the South African Revenue Service (SARS) as VAT vendors.
4. The award of contract would be (for Non-VAT vendors who included VAT in their prices) conditional pending the successful bidder submitting proof of registration as VAT vendor with SARS within 21 days of award.
5. Failure to comply within 21 days, after been notified to do so will lead to the automatic withdrawal of the letter of the provisional letter of award and elimination of the bidder's offer.
6. In all instances where bidders have excluded VAT from the prices quoted, if the bidder is successful, the letter of contract will clearly state that the price at which the contract is awarded is exclusive of VAT and that VAT will not be added on at any stage after the contract has been signed.
7. If a Non-VAT vendor is contracted with the Department Vat Excluded and becomes a VAT vendor after award or alternatively becomes a VAT vendor due to a cumulative number of awards, the contractor bidder will have to absorb the adverse financial implications of not including VAT in their price quoted. VAT cannot be claimed from the Department for any payments already made or from any future payments.

NON-ELIMINATION CONDITIONS:

1. The bidder must be registered on the Central Supplier Database (CSD) prior the award
2. All bidders' tax matters must be in order prior award. Bidders' tax matters will be verified through CSD. Preferred tenderer/s will be afforded an opportunity to rectify their tax affairs within 7 working days. A tenderer that fails to rectify its tax matters with SARS will be eliminated.
3. Returnable Schedule: SBD 1- Invitation to bid should be completed and signed.
4. Failure to complete section 7: SUB-CONTRACTING as per the SBD 6.1, will automatically results in the non-awarding of points for B-BBEE.
5. A valid original or certified copy of BBBEE certificate from a verification agency accredited by SANAS and recognized as an accredited BBBEE verification agencies (see www.sanas.co.za/directory/bbee_default.php) or from CIPC if preference points are claimed in respect of Broad Based Black Economic Empowerment must be submitted with the bid OR A valid original or certified copy of "Sworn Affidavit in terms of the amended BBBEE Construction Sector Codes (CSC000) must be submitted in order to qualify for preference points for BBBEE. In case of EMEs/QSEs (joint venture) submitting separate Sworn Affidavits, the EME or QSE with the lowest B-BBEE contributor will be used for purposes of calculating points. Bidders are encouraged to either consolidate their B-BBEE point calculations or form joint ventures with partners which have the same level of B-BEE contribution or higher. In case of EMEs/QSEs submitting separate Sworn Affidavits, the EME or QSE with the lowest B-BBEE contributor will be used for purposes of calculating points. Failure to comply with this, will automatically results in the non-awarding of points for B-BBEE.
6. 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.
7. Valid registration as a VAT Vendor within 21 days upon receipt of provisional letter of award (If applicable).
8. The tenderer undertakes to maximize the sourcing of building material or infrastructure input material from Eastern Cape based suppliers or manufacturers.



| | <p>9. Occupational Health and Safety specification will be completed on award of the bid by the successful bidder, but all health and safety requirements as per the OHS specification must still be priced for on the pricing schedule summary.</p> <p>PHASE TWO: EVALUATION POINTS ON PRICE AND B-BBEE REGULATIONS OF 2017</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 B-BBEE/ PPPFA Regulations of 2017</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>B-BBEE</td><td>20</td></tr> <tr> <td>TOTAL</td><td>100</td></tr> </tbody> </table> <p>The 80/20 preference point system for acquisition of services, works or goods up to 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"> 1) 90 where the financial value inclusive of VAT of all responsive tenders received have a value in excess of R50 000 000 or 2) 80 where the financial value inclusive of VAT of one or more responsive tender offers have a value that equals or is less than R 50 000 000. | Criteria | Points | POINTS ON PRICE | 80 | B-BBEE | 20 | TOTAL | 100 |
|-----------------|--|----------|--------|-----------------|----|--------|----|-------|-----|
| Criteria | Points | | | | | | | | |
| POINTS ON PRICE | 80 | | | | | | | | |
| B-BBEE | 20 | | | | | | | | |
| TOTAL | 100 | | | | | | | | |
| 5.17 | The number of paper copies of the signed contract to be provided by the employer is 1. | | | | | | | | |
| | Dispute resolution mechanism will be done through the Adjudication route. | | | | | | | | |
| T.2.1 | Checklist of returnable documents | | | | | | | | |



T2.1: CHECKLIST OF RETURNABLE DOCUMENTS

| | RETURNABLE DOCUMENTS | TICK | | |
|----|---|------|----|-----|
| | | YES | NO | N/A |
| 1 | SBD1: INVITATION TO BID | | | |
| 2 | SBD 4: DECLARATION OF INTEREST: COMPLETED AND SIGNED | | | |
| 3 | SBD 6.1: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017 : COMPLETED AND SIGNED | | | |
| 4 | SBD 8: DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES: COMPLETED AND SIGNED | | | |
| 5 | SBD 9: CERTIFICATE OF INDEPENDENT BID DETERMINATION: COMPLETED AND SIGNED | | | |
| 6 | RESOLUTION OF SIGNATORY: COMPLETED AND SIGNED (If Applicable) | | | |
| 7 | FORM OAF OFFER AND ACCEPTANCE: COMPLETED AND SIGNED | | | |
| 8 | CERTIFICATE OF JOINT VENTURE AUTHORITY: COMPLETED AND SIGNED (If applicable) | | | |
| 9 | ORIGINAL OR CERTIFIED COPY A B-BBEE CERTIFICATE/ ORIGINAL OR CERTIFIED COPY OF A SWORN AFFIDAVIT B-BBEE: COMPLETED AND SIGNED | | | |
| 10 | RECORD OF ADDENDA TO BID DOCUMENTS: COMPLETED AND SIGNED (If Applicable) | | | |
| 11 | EASTERN CAPE INFRASTRUCTURE INPUT MATERIAL | | | |
| 12 | BROCHURES ON UNITS OFFERED | | | |

BIDDER'S SIGNATURE: _____ **DATE:** _____



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SBD 1

PART A

INVITATION TO BID

| | | | | | |
|---|--|------------------|---|--|-------|
| YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF PUBLIC WORKS & INFRASTRUCTURE | | | | | |
| BID NUMBER: | NMM5-21/22/0022 | CLOSING DATE: | 11 NOVEMBER 2021 | CLOSING TIME: | 11H00 |
| DESCRIPTION | SUPPLY, DELIVERY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GQEBERHA. | | | | |
| BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS) | | | | | |
| Ground Floor, Department of Public Works, Old Ford House Building, Corner Albany, Westbourne and Clevedon Road, Gqeberha | | | | | |
| BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO | | | TECHNICAL ENQUIRIES MAY BE DIRECTED TO: | | |
| CONTACT PERSON | Mr. Alex Hitzeroth | CONTACT PERSON | Mr. Morne Kasselmann | | |
| TELEPHONE NUMBER | 041 390 9067 | TELEPHONE NUMBER | 041 390 9081 | | |
| FACSIMILE NUMBER | 041 390 2066 | FACSIMILE NUMBER | 041 390 2066 | | |
| E-MAIL ADDRESS | Alex.hitzeroth@ecdpcw.gov.za | E-MAIL ADDRESS | Morne.kasselmann@ecdpcw.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 |
| B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE | TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No | | B-BBEE STATUS LEVEL SWORN AFFIDAVIT | TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| [A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE] | | | | | |
| a) ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED? | <input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF] | | b) ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED? | <input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, COMPLETE THE QUESTIONNAIRE BELOW] | |
| QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS | | | | | |



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IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?

☐ YES ☐ NO

DOES THE ENTITY HAVE A BRANCH IN THE RSA?

☐ YES ☐ NO

DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?

☐ YES ☐ NO

DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?

☐ YES ☐ NO

IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?

☐ YES ☐ NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.



PART B

TERMS AND CONDITIONS FOR BIDDING

| |
|--|
| 1. BID SUBMISSION: |
| 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION. |
| 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED--(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT. |
| 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT. |
| 1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7). |
| 2. TAX COMPLIANCE REQUIREMENTS |
| 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS. |
| 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS. |
| 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA . |
| 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID. |
| 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER. |
| 2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED. |
| 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE." |

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

SIGNATURE OF BIDDER:

.....

CAPACITY UNDER WHICH THIS BID IS SIGNED:

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

.....

DATE:

.....



SBD 4

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes an advertised competitive bid, a limited bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the tenderer or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-

- the tenderer is employed by the state; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

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

- 2.1 Full Name of tenderer or his or her representative:
- 2.2 Identity Number:.....
- 2.3 Position occupied in the Company (director, trustee, shareholder², member):
- 2.4 Registration number of company, enterprise, close corporation, partnership agreement or trust:
- 2.5 Tax Reference Number:
- 2.6 VAT Registration Number:
- 2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / PERSAL numbers must be indicated in paragraph 3 below.

¹"State" means –

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

²"Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

- 2.7 Are you or any person connected with the tenderer presently employed by the state?

YES / NO



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2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member:

.....

Name of state institution at which you or the person connected to the tenderer is employed :

.....

Position occupied in the state institution:

.....

Any other particulars:

.....

.....

.....

2.7.2 If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?

YES / NO / N/A

2.7.2.1 If yes, did you attach proof of such authority to the bid document?

YES / NO / N/A

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.)

2.7.2.2 If no, furnish reasons for non-submission of such proof:

.....

.....

.....

2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?

YES / NO

2.8.1 If so, furnish particulars:

.....

.....

.....

2.9 Do you, or any person connected with the tenderer, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?

YES / NO

2.9.1 If so, furnish particulars.

.....

.....

.....



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- 2.10 Are you, or any person connected with the tenderer, aware of any relationship (family, friend, other) between any other tenderer and any person employed by the state who may be involved with the evaluation and or adjudication of this bid?

YES/NO

- 2.10.1 If so, furnish particulars.

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

- 2.11 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract?

YES/NO

- 2.11.1 If so, furnish particulars:

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

3 Full details of directors / trustees / members / shareholders.

| Full Name | Identity Number | Personal Income Tax Reference Number | State Employee Number / Persal Number |
|-----------|-----------------|--------------------------------------|---------------------------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



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4 DECLARATION

I, THE UNDERSIGNED (NAME).....

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

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of tenderer



PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

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

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

1. GENERAL CONDITIONS

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

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

1.2

a) The value of this bid is estimated to **not exceed** R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable; or

b) Either the 80/20 preference point system will be applicable to this tender

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

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

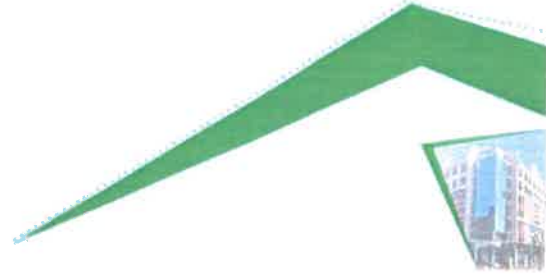
| | POINTS |
|--|------------|
| PRICE | |
| B-BBEE STATUS LEVEL OF CONTRIBUTOR | |
| Total points for Price and B-BBEE must not exceed | 100 |

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

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

2. DEFINITIONS

- (a) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **"B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;



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- (d) **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **"EME"** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **"functionality"** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **"prices"** includes all applicable taxes less all unconditional discounts;
- (h) **"proof of B-BBEE status level of contributor"** means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **"QSE"** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

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

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

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

Where

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

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

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

| B-BBEE Status Level of Contributor | Number of points (90/10 system) | Number of points (80/20 system) |
|------------------------------------|---------------------------------|---------------------------------|
| 1 | 10 | 20 |
| 2 | 9 | 18 |
| 3 | 6 | 14 |



| | | |
|---------------------------|---|----|
| 4 | 5 | 12 |
| 5 | 4 | 8 |
| 6 | 3 | 6 |
| 7 | 2 | 4 |
| 8 | 1 | 2 |
| Non-compliant contributor | 0 | 0 |

5. BID DECLARATION

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

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

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

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

7. SUB-CONTRACTING

7.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

| | | | |
|-----|--------------------------|----|--------------------------|
| YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

7.1.1 If yes, indicate:

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

(Tick applicable box)

| | | | |
|-----|--------------------------|----|--------------------------|
| YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

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

| Designated Group: An EME or QSE which is at least 51% owned by: | EME | QSE |
|---|-------------------------------------|-------------------------------------|
| Black people | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Black people who are youth | <input type="checkbox"/> | <input type="checkbox"/> |
| Black people who are women | <input type="checkbox"/> | <input type="checkbox"/> |
| Black people with disabilities | <input type="checkbox"/> | <input type="checkbox"/> |
| Black people living in rural or underdeveloped areas or townships | <input type="checkbox"/> | <input type="checkbox"/> |
| Cooperative owned by black people | <input type="checkbox"/> | <input type="checkbox"/> |
| Black people who are military veterans | <input type="checkbox"/> | <input type="checkbox"/> |
| OR | | |
| Any EME | <input type="checkbox"/> | <input type="checkbox"/> |
| Any QSE | <input type="checkbox"/> | <input type="checkbox"/> |



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

8.1 Name of company/firm:

8.2 VAT registration number:.....

8.3 Company registration number:.....

8.4 TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

8.5 **DESCRIBE PRINCIPAL BUSINESS ACTIVITIES**

.....

.....

.....

.....

8.6 **COMPANY CLASSIFICATION**

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

[TICK APPLICABLE BOX]

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

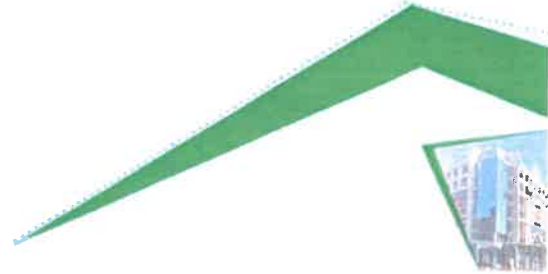
8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and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

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –

- (a) disqualify the person from the bidding process;



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- (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 by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution.

WITNESSES

- 1.
- 2.

.....
SIGNATURE(S) OF TENDERERS(S)

DATE:
ADDRESS
.....
.....



SBD 8

DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Standard Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any tenderer may be disregarded if that tenderer, or any of its directors have-
 - a. abused the institution's supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such system; or
 - c. failed to perform on any previous contract.
- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

| Item | Question | Yes | No |
|-------|--|---------------------------------|--------------------------------|
| 4.1 | Is the tenderer or any of its directors listed on the National Treasury's database as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the <i>audi alteram partem</i> rule was applied). | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 4.1.1 | If so, furnish particulars: | | |
| 4.2 | Is the tenderer or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? To access this Register enter the National Treasury's website, www.treasury.gov.za , click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445. | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 4.2.1 | If so, furnish particulars: | | |
| 4.3 | Was the tenderer or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 4.3.1 | If so, furnish particulars: | | |
| 4.4 | Was any contract between the tenderer and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |



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| | |
|-------|-----------------------------|
| 4.4.1 | If so, furnish particulars: |
|-------|-----------------------------|

CERTIFICATION

**I, THE UNDERSIGNED (FULL NAME).....
CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE
AND CORRECT.**

**I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE
TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.**

.....
Signature

.....
Date

.....
Position

.....
Name of Tenderer



CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Standard Bidding Document (SBD) must form part of all bids¹ invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a. disregard the bid of any tenderer if that tenderer, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- 4 This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.



SBD 9

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

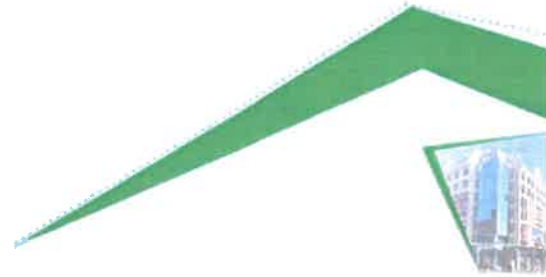
(Name of Institution)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of _____ that:

(Name of Tenderer)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the tenderer to sign this Certificate, and to submit the accompanying bid, on behalf of the tenderer;
4. Each person whose signature appears on the accompanying bid has been authorized by the tenderer to determine the terms of, and to sign the bid, on behalf of the tenderer;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the tenderer, whether or not affiliated with the tenderer, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the tenderer and/or is in the same line of business as the tenderer.
6. The tenderer 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 consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)



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- (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the tenderer, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

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.

10. 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.

.....
Signature

.....
Date

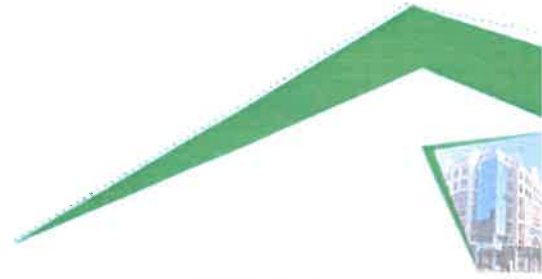
.....
Position

.....
Name of Tenderer



***VALID ORIGINAL OR CERTIFIED COPY OF B-BBEE
CERTIFICATE***

(IF APPLICABLE, ATTACH HERE)



SWORN AFFIDAVIT

(IF APPLICABLE, CHOOSE THE CORRECT FORM AND COMPLETE)

NB: CHOOSE ONE i.e EME or QSE!!!!



SWORN AFFIDAVIT – B-BBEE EXEMPTED MICRO ENTERPRISE (EME) – CONTRACTORS

I, the undersigned,

| | |
|--------------------------------|--|
| Full name & Surname | |
| Identity number | |

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a Member / Director / Owner of the following enterprise and am duly authorised to act on its behalf:

| | |
|--|--|
| Enterprise Name: | |
| Trading Name (If Applicable): | |
| Registration Number: | |
| Enterprise Physical Address: | |
| Type of Entity (CC, (Pty) Ltd, Sole Prop etc.): | |
| Nature of Business: | |
| Definition of "Black People" | <p>As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians –</p> <p>(a) Who are citizens of the Republic of South Africa by birth or descent; or</p> <p>(b) Who became citizens of the Republic of South Africa by naturalization-</p> <ol style="list-style-type: none"> i. Before 27 April 1994; or ii. On or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date |

3. I hereby declare under Oath that:
 - ☐ The Enterprise is _____% **Black Owned** as per Amended Code Series CSC000 of the Revised Construction Sector Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
 - ☐ The Enterprise is _____% **Black Woman Owned** as per Amended Code Series CSC000 of the Revised Construction Sector Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,



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- ☐ The Enterprise is _____ % Black Designated Group Owned as per Amended Code Series CSC000 of the Revised Construction Sector Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- ☐ Based on the Financial Statements/Management Accounts and other information available on the **latest financial year-end** of: **Date:** _____, **Month:** _____, **Year** _____, the annual Total Revenue was equal to/or less than R10,000,000.00 (ten Million Rands or less),
- ☐ Please confirm on the table below the B-BBEE level contributor, **by ticking the applicable box.**

| | | |
|---|---|--|
| 100% Black Owned | Level One (135% B-BBEE procurement recognition level) | |
| At least 51% Black Owned but less than 100% black owned | Level Two (125% B-BBEE procurement recognition level) | |
| At least 30% Black Owned but less than 51% black owned | Level Four (100% B-BBEE procurement recognition level) | |
| Less than 30% Black Owned | Level Five (80% B-BBEE procurement recognition level) | |

NB: KEY NOTES FOR EMES (extract from Gazette No. 41287)

- 3.6.2.4.1 An Exempted Micro Enterprise (EME) with a total annual revenue of less than R1.8 million in the case of BEPs and less than R3 million in the case of Contractors are :
 - A) Not subject to the discounting principle and therefore do not have to comply with the QSE Skills Development element, and
 - B) Not required to have an authorised B-BBEE verification certificate, and may present an affidavit or a certificate issued by the Companies and Intellectual Property Commission (CIPC), in respect of their ownership and annual turnover.
- Contractors and/Built Environment Professionals are encouraged to familiarize themselves with the Construction Sector Codes (CSC000) as issued through Government Gazette No. 41287, Board No. NOTICE 931 OF 2017.
Details are available on: www.thedti.gov.za/economic_empowerment/bee_sector_charters.jsp
- An electronic copy can also be requested through DPW offices (Supply Chain Offices)
- 4. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent in this matter.
- 5. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.



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Deponent Signature: _____

Date: _____

Commissioner of Oaths
Signature & stamp



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SWORN AFFIDAVIT – B-BBEE QUALIFYING SMALL ENTERPRISE (QSE) – CONTRACTORS

I, the undersigned,

| | |
|---------------------|--|
| Full name & Surname | |
| Identity number | |

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a Member / Director / Owner of the following enterprise and am duly authorised to act on its behalf:

| | |
|--|--|
| Enterprise Name: | |
| Trading Name (If Applicable): | |
| Registration Number: | |
| Enterprise Physical Address: | |
| Type of Entity (CC, (Pty) Ltd, Sole Prop etc.): | |
| Nature of Business: | |
| Definition of "Black People" | <p>As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians –</p> <p>(a) Who are citizens of the Republic of South Africa by birth or descent; or</p> <p>(b) Who became citizens of the Republic of South Africa by naturalization-</p> <ol style="list-style-type: none"> i. Before 27 April 1994; or ii. On or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date |

3. I hereby declare under Oath that:
 - ☐ The Enterprise is _____% **Black Owned** as per Amended Code Series CSC000 of the Revised Construction Sector Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,



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- ☐ The Enterprise is _____% **Black Woman Owned** as per Amended Code Series CSC000 of the Revised Construction Sector Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- ☐ The Enterprise is _____% **Black Designated Group Owned** as per Amended Code Series CSC000 of the Revised Construction Sector Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- ☐ Based on the Financial Statements/Management Accounts and other information available on the **latest financial year-end of: Date _____, Month _____, Year _____**, the annual Total Revenue was between 10 million (ten Million Rands) and less than R50,000,000.00 (fifty Million Rands).
- ☐ Please confirm on the table below the B-BBEE level contributor, **by ticking the applicable box.**

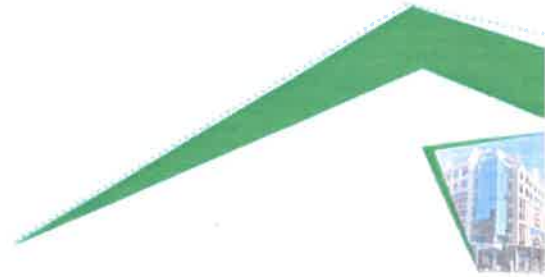
| | | |
|---|--|--|
| 100% Black Owned | Level One (135% B-BBEE procurement recognition level) | |
| At least 51% Black Owned but less than 100% black owned | Level Two (125% B-BBEE procurement recognition level) | |

NB: KEY NOTES FOR QSE (extract from Gazette No. 41287)

- 5.6.3 A QSE that is at least 51% Black Owned or 100% Black Owned that does not comply with paragraph 3.6.2.3 above, will be discounted by one level from that level awarded in paragraphs 5.3.1 and 5.3.2 respectively.
- 5.3.4 Despite paragraphs 5.2, 5.3.1 and 5.3.2, an at least 51% Black Owned QSE's B-BBEE Status Level and corresponding B-BBEE Recognition Level will be enhanced by one level if it achieves full points (excluding the bonus points) for the Skills Development element of the QSE Scorecard (paragraphs 1.1, 1.2 and 1.3 of Statement CSC603) or the Preferential Procurement and Supplier Development element of the QSE Scorecard (paragraphs 1.1, 1.2, 1.3 and 2.1 of CSC604).
- 5.3.5 For the avoidance of doubt, a Measured Entity that is measured in terms of the full QSE scorecard is not eligible for enhancement in terms of paragraph 5.3.4 above.
- Contractors and/Built Environment Professionals are encouraged to familiarize themselves with the Construction Sector Codes (CSC000) as issued through Government Gazette No. 41287, Board No. NOTICE 931 OF 2017.
Details are available on: www.thedti.gov.za/economic_empowerment/bee_sector_charters.jsp
- An electronic copy can also be requested through DPW offices (Supply Chain Offices)
- 4. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent in this matter.
- 5. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.



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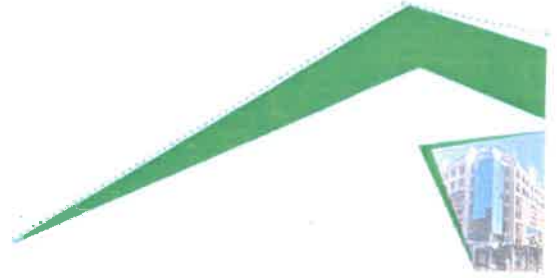
Deponent Signature: _____

Date: _____

Commissioner of Oaths
Signature & stamp



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VALID CIDB CERTIFICATE OF A TENDERER
(ATTACH HERE)



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Form of Offer and Acceptance

C1.1 FORM OF OFFER AND ACCEPTANCE

| | |
|------------------|---|
| Project title | SUPPLY, DELIVEREY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GQEBERHA. |
| Quotation number | NMM5-21/22/0022 |

OFFER

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

SUPPLY, DELIVEREY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GQEBERHA. 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(s) _____

Tender's Name(s) _____

Authorized Person
(Names) _____

Address of the
Tenderer: _____

Witnesses (Signatures):

1. _____ Date: _____

2. _____ Date: _____



ACCEPTANCE

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

The terms of the contract, are contained in:

Part C1 Agreements and contract data, (which includes this agreement)

Part C2 Pricing data

Part C3 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

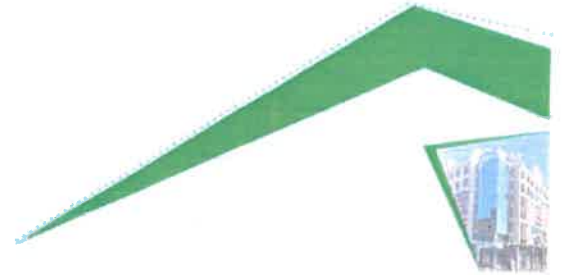
1 Subject
Details

2 Subject
Details

3 Subject
Details



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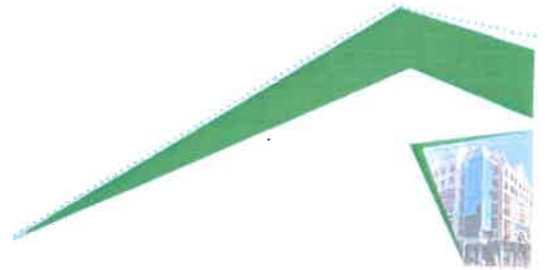
NMM5-21/22/0022

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.



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RECORD OF ADDENDA TO BID DOCUMENTS

| | | | |
|---|---|-------------------------|---------------------|
| PROJECT TITLE | SUPPLY, DELIVERY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GQEBERHA. | | |
| QUOTATION NUMBER | NMM5-21/22/0022 | | |
| I / We confirm that the following communications received from the Department of Public Works & Infrastructure before the submission of this tender offer, amending the tender documents, have been taken into account in this bid offer: (Attach additional pages if more space is required) | | | |
| Item | Date | Title or Details | No. of Pages |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |

Attach additional pages if more space is required.

Signed _____

Date _____

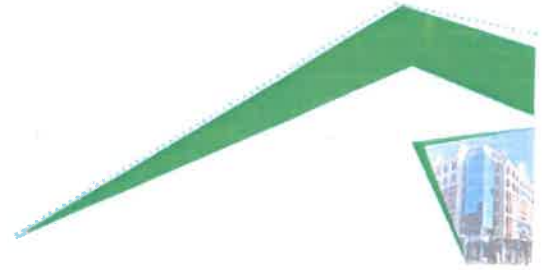
Name _____

Position _____

Tenderer _____



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RESOLUTION FOR SIGNATORY

A: CERTIFICATE OF AUTHORITY FOR SIGNATORY

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

An example is given below:

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

Mr./Ms. _____, whose signature appears below, has been duly authorized to sign all documents in connection with the tender for Contract No. _____

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

SIGNED ON BEHALF OF THE COMPANY: _____

IN HIS/HER CAPACITY AS: _____

DATE: _____

SIGNATURE OF SIGNATORY: _____

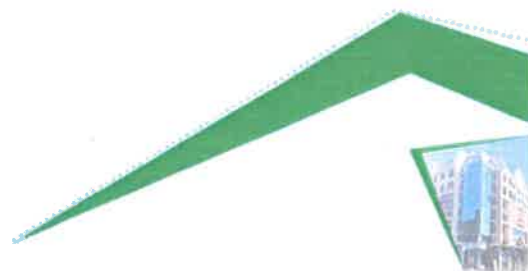
WITNESSES:

| | | | |
|---------------------|--|-----------|--|
| DIRECTOR (NAMES) | | SIGNATURE | |
| DIRECTOR (NAMES) | | SIGNATURE | |
| DIRECTOR (NAMES) | | SIGNATURE | |
| DIRECTOR (NAMES) | | SIGNATURE | |



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

IMPORTANT NOTICE: RESOLUTION TO SIGN

1. In the event that a resolution to sign is not completed by all directors/ members of the enterprise, the signature of any one of the directors or members to this bid will bind all the directors/ members of the enterprise and will therefore render the bid valid.
2. In the event that a non- member / non-director to the enterprise sign this declaration, and no authority is granted, it will automatically invalidate the bid.
3. In the case of a joint venture or consortium, at least one director/ members of each of the parties need to sign the joint venture or consortium agreement.
4. Furthermore, in the case of a joint venture or consortium at least one director/ member of each party to the joint venture or consortium must give consent to give authorization for signatory to this bid.



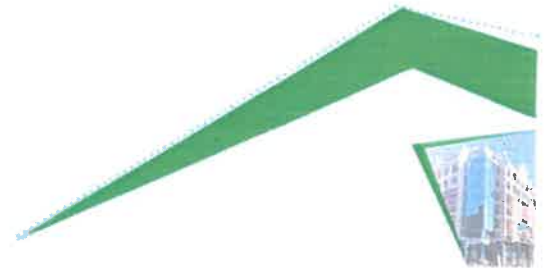
NMM5-21/22/0022

CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

| | | |
|--|---|---|
| This Returnable Schedule is to be completed by joint ventures. | | |
| We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Ms, authorised signatory of the company, acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf. | | |
| PROJECT TITLE | SUPPLY, DELIVERY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GQEBERHA. | |
| QUOTATION NUMBER | NMM5-21/22/0022 | |
| NAME OF FIRM | ADDRESS | DULY AUTHORISED SIGNATORY |
| Lead partner: | | Signature. Name Designation..... |
| | | Signature. Name Designation..... |
| | | Signature. Name Designation..... |



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EASTERN CAPE INFRASTRUCTURE INPUT MATERIAL

| | |
|-----------------------------|---|
| PROJECT NAME | SUPPLY, DELIVEREY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GQEBERHA. |
| PROJECT DESCRIPTION (SCOPE) | SUPPLY, DELIVEREY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS |
| QUOTATION NUMBER | NMM5-21/22/0022 |
| CONTRACTOR NAME: | |

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

A. CONFIRMATION

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

.....
Representative of the Contractor (Name)

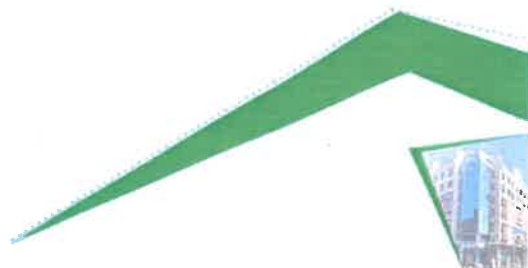
.....
Signature

.....
Date



NMM5-21/22/0022

C1.3 GENERAL CONDITIONS OF CONTRACT



C1.3. GENERAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

1. Definitions
2. Application
3. General
4. Standards
5. Use of contract documents and information; inspection
6. Patent rights
7. Performance security
8. Inspections, tests and analysis
9. Packing
10. Delivery and documents
11. Insurance
12. Transportation
13. Incidental services
14. Spare parts
15. Warranty
16. Payment
17. Prices
18. Contract amendments
19. Assignment
20. Subcontracts
21. Delays in the provider's performance
22. Penalties
23. Termination for defaults
24. Dumping and countervailing duties
25. Force Majeure
26. Termination for insolvency
27. Settlement of disputes
28. Limitation of liability
29. Governing language
30. Applicable law
31. Notices
32. Taxes and duties



GENERAL CONDITIONS OF CONTRACT

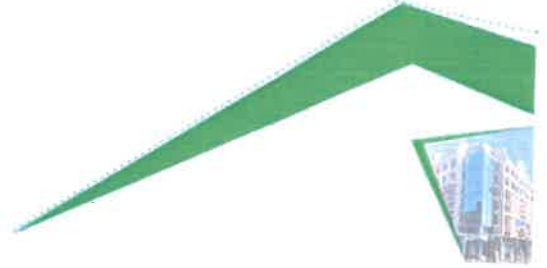
1. Definitions

The following terms shall be interpreted as indicated:

- 1.1 **"Closing time"** means the date and hour specified in the bidding documents for the receipt of bids.
- 1.2 **"Contract"** means the written agreement entered into between the purchaser and the provider, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 **"Contract price"** means the price payable to the provider under the contract for the full and proper performance of his contractual obligations.
- 1.4 **"Corrupt practice"** means the offering, giving, receiving, or soliciting of any thing of the value to influence the action of a public official in the procurement process or in contract execution.
- 1.5 **"Countervailing duties"** are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
- 1.6 **"Country of origin"** means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 **"Day"** means calendar day.
- 1.8 **"Delivery"** means delivery in compliance of the conditions of the contract or order.
- 1.9 **"Delivery ex stock"** means immediate delivery directly from stock actually on hand.
- 1.10 **"Delivery into consignees store or to his site"** means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the provider bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- 1.11 **"Dumping"** occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.
- 1.12 **"Force majeure"** means an event beyond the control of the provider and not involving the provider's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 **"Fraudulent practice"** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer, and includes collusive practice among tenderers (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.
- 1.14 **"GCC"** means the General Conditions of Contract.



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- 1.15 **"Goods"** means all of the equipment, machinery, and/or other materials that the provider is required to supply to the purchaser under the contract.
- 1.16 **"Imported content"** means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the provider or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as land costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 **"Local content"** means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.18 **"Manufacture"** means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 **"Order"** means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 **"Project site,"** where applicable, means the place indicated in bidding documents.
- 1.21 **"Purchaser"** means the organization purchasing the goods.
- 1.22 **"Republic"** means the Republic of South Africa.
- 1.23 **"SCC"** means the Special Conditions of Contract.
- 1.24 **"Services"** means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the provider covered under the contract.
- 1.25 **"Written"** or **"in writing"** means hand-written in ink or any form of electronic or mechanical writing.

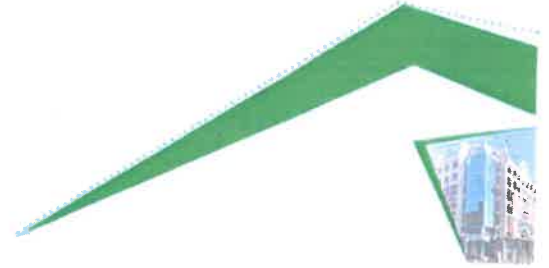
2. Application

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services (excluding professional services related to the building and construction industry), sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. General



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3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.

3.2 Invitations to bid are usually published in locally distributed news media and in the institution's website.

4. Standards

4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

5. Use of contract documents and information; inspection

5.1 The provider shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the provider in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

5.2 The provider shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.

5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the provider's performance under the contract if so required by the purchaser.

5.4 The provider shall permit the purchaser to inspect the provider's records relating to the performance of the provider and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

II. 6.1 The provider shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of goods or any part thereof by the purchaser.

6.2 When a provider developed documentation/projects for the department or PROVINCIAL entity, the intellectual, copy and patent rights or ownership or such documents or projects will vest in the department or PROVINCIAL entity.

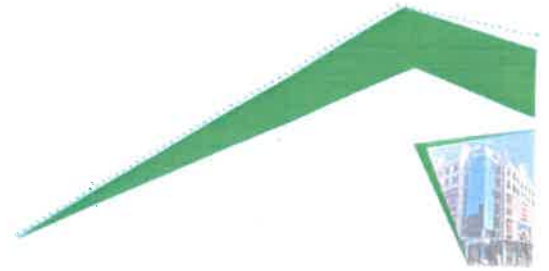
7. Performance security

7.1 Within thirty (30) days of receipt of the notification of contract award, the success tenderer shall furnish to the purchaser the performance security of the amount specified in SCC. **(Not Applicable)**

7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the provider's failure to complete his obligations under the contract.



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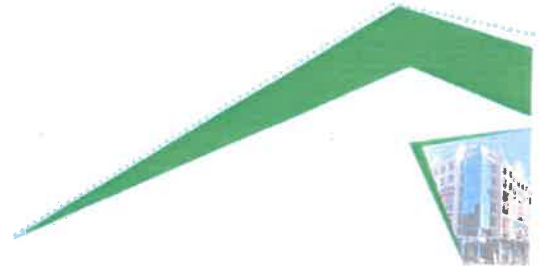


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- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) a cashier's or certified cheque.
- 7.4 The performance security will be discharged by the purchaser and returned to the provider not later than thirty (30) days following the date of completion of the provider's performance obligations under the contract, including any warranty obligations, unless otherwise specified.
- 8. Inspections, tests and analyses**
- 8.1 All pre-bidding testing will be for the account of the tenderer.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the tenderer or contractor shall be open, at all reasonable hours, for inspection by a representative of the purchaser or an organization acting on behalf of the purchaser.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clause 8.2 & 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the provider.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or analysed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the provider who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do not comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the providers cost and risk. Should the provider fail to provide the substitute supplies forthwith, the purchaser may, without giving the provider further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the provider.
- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.
- 9. Packaging**



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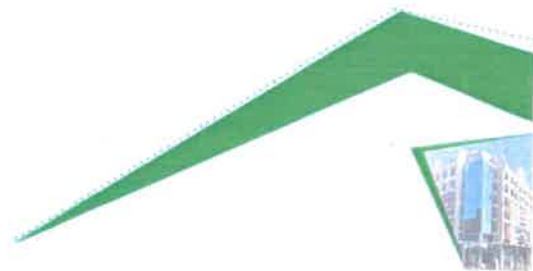


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- 9.1 The provider shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging, case size and weights shall take into consideration, where appropriate, the remoteness of the good's final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packaging, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, and in any subsequent instructions ordered by the purchaser.
- 10. Delivery and documents**
- 10.1 Delivery of the goods and arrangements for shipping and clearance obligations, shall be made by the provider in accordance with the terms specified in the contract.
- 11. Insurance**
- 11.1 The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified.
- 12. Transportation**
- 12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified.
- III.**
- IV.**
- V. 13. Incidental services**
- VI.**
- 13.1 The provider may be required to provide any or all of the following services, including additional services, if any:
- VII.**
- (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
 - (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
 - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
 - (d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the provider of any warranty obligations under this contract; and
 - (e) training of the purchaser's personnel, at the provider's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.
- VIII.**
- 13.2 Prices charged by the provider for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the provider for similar services.
- IX.**
- X. 14. Spare parts**



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- 14.1 As specified, the provider may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the provider:

XI.

- 1) such spare parts as the purchaser may elect to purchase from the provider, provided that this election shall not relieve the provider of any warranty obligations under the contract, and
- 2) in the event of termination of production of the spare parts:
 - a) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - b) Following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

XII.

XIII. 15. Warranty

XIV.

- 15.1 The provider warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The provider further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the provider, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

XV.

- 15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise.

XVI.

- 15.3 The purchaser shall promptly notify the provider in writing of any claims arising under this warranty.

XVII.

- 15.4 Upon receipt of such notice, the provider shall, within the period specified and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.

XVIII.

- 15.5 If the provider, having been notified, fails to remedy the defect(s) within the period specified, the purchaser may proceed to take such remedial action as may be necessary, at the provider's risk and expense and without prejudice to any other rights which the purchaser may have against the provider under the contract.

XIX.

XX. 16. Payment

XXI.

- 16.1 The method and conditions of payment to be made to the provider under this contract shall be specified

XXII.

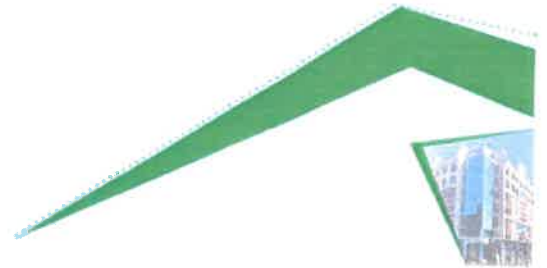
- 16.2 The provider shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfilment of other obligations stipulated in the contract.

XXIII.

- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the provider.



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- 16.4 A once off payment will be made after the submission of a close out report and other relevant information required by Project leader

16.5 Payment will be made in Rand unless otherwise stipulated.

XXIV.

XXV. 17. **Prices**

XXVI.

- 17.1 Prices charged by the provider for goods delivered and services performed under the contract shall not vary from the prices quoted by the provider in his bid, with the exception of any price adjustments authorized or in the purchaser's request for bid validity extension, as the case may be.

XXVII.

XXVIII. 18. **Increase/decrease of quantities**

- 18.1 In cases where the estimated value of the envisaged changes in purchase does not exceed 15% of the total value of the original contract, the contractor may be instructed to deliver the revised quantities. The contractor may be approached to reduce the unit price, and such offers may be accepted provided that there is no escalation in price.

XXIX.

XXX. 19. **Contract amendments**

- 19.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

XXXI.

XXXII. 20. **Assignment**

- 20.1 The provider shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

XXXIII.

XXXIV. 21. **Subcontracts**

- 21.1 The provider shall notify the purchaser in writing of all subcontracts awarded under this contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the provider from any liability or obligation under the contract.

XXXV.

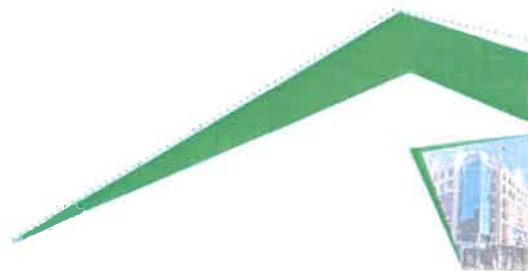
XXXVI. 22. **Delays in the provider's performance**

- 22.1 Delivery of the goods and performance of services shall be made by the provider in accordance with the time schedule prescribed by the purchaser in the contract.

XXXVII.

- 22.2 If at any time during performance of the contract, the provider or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the provider shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the provider's notice, the purchaser shall evaluate the situation and may at his discretion extend the provider's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.

XXXVIII.

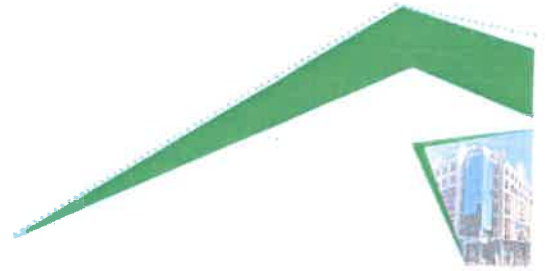


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- 22.3 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if any emergency arises, the provider's point of supply is not situated at or near the place where the supplies are required, or the provider's services are not readily available.
- 22.4 Except as provided under GCC Clause 25, a delay by the provider in the performance of its delivery obligations shall render the provider liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.
- 22.5 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the provider's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the provider.
- 23. Penalties**
- 23.1 Subject to GCC Clause 25, if the provider fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, **(please refer to clause 1.12 of the detailed technical specification)**, which is calculated on the delivered price of the delayed good or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.
- 24. Termination For Default**
- 24.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the provider, may terminate this contract in whole or in part:
- (a) if the provider fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
 - (b) if the provider fails to perform any other obligation(s) under the contract; or
 - (c) if the provider, in the judgement of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 24.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the provider shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the provider shall continue performance of the contract to the extent not terminated.
- 25. Anti-Dumping And Counter-Vailing Duties And Rights**
- 25.1 When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the provider to the purchaser or the purchaser may deduct such amounts from moneys (if any)



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which may otherwise be due to the provider in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

26. **Force Majeure**

- 26.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the provider shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- 26.2 If a force majeure situation arises, the provider shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the provider shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

27. **Termination For Insolvency**

- 27.1 The purchaser may at any time terminate the contract by giving written notice to the provider if the provider becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the provider, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser,

28. **Settlement Of Disputes**

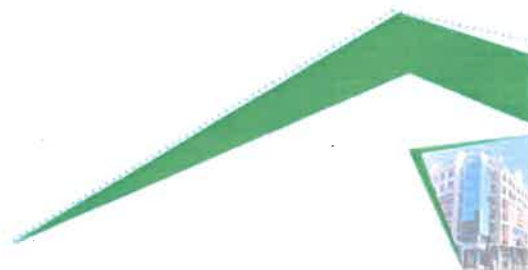
- 28.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the provider in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 28.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the provider may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 28.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 28.4 Notwithstanding any reference to mediation and / or court proceedings herein,
- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
 - (b) the purchaser shall pay the provider any monies due to the provider for goods delivered and / or services rendered according to the prescripts of the contract.

29. **Limitation Of Liability**

- 29.1 Except in cases of criminal negligence or wilful misconduct, and in the case of infringement pursuant to Clause 6;



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- (a) the provider shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the provider to pay penalties and / or damages to the purchaser; and
- (b) the aggregate liability of the provider to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

30. Governing Language

- 30.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.

31. Applicable Law

- 31.1 The contract shall be interpreted in accordance with South African laws, unless otherwise specified.

32. Notices

- 32.1 Every written acceptance of a bid shall be posted to the provider concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice.
- 32.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.

33. TAXES AND DUTIES

- 33.1 A foreign provider shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 33.2 A local provider shall be entirely responsible for all taxes, duties, license fees, etc, incurred until delivery of the contracted goods to the purchaser.
- 33.3 No contract shall be concluded with any tenderer whose tax matters are not in order. Prior to the award of a bid SARS must have certified that the tax matters of the preferred tenderer are in order.

34. Transfer Of Contracts

- 34.1 The contractor shall not abandon, transfer, assign or sublet a contract or part thereof without the written permission of the purchaser.

35. Amendment Of Contracts

- 35.1 No agreement to amend or vary a contract or order or the conditions, stipulations or provisions thereof shall be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by



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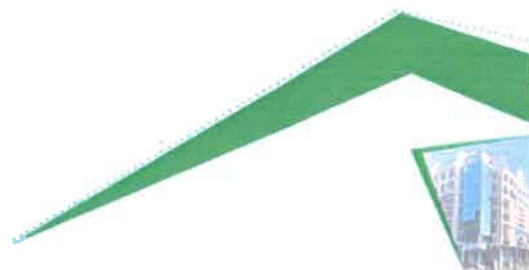


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the contracting parties. Any waiver of the requirement that the agreement to amend or vary shall be in writing, shall also be in writing.

36. **Duration**

The contract duration is **Two (2) Months**.



TECHNICAL SPECIFICATION

PART A: MECHANICAL

1. KNOWLEDGE

- 1.1.1 The installation shall be completed in a satisfactory manner. The contractor shall be responsible for the proper functioning of the installation and any claims on the grounds for want of knowledge in such respect or otherwise will not be entertained by the Department.
- 1.2 Tenderers are required to visit the site and satisfy themselves to the nature and extent of the work to be done and make allowance for any items omitted from the specification but obviously intended and necessary for the completion of the work and must check all sizes and measurements.

2. TENDER DOCUMENT

- 2.1 The quotation must be clearly marked: Quotation NMM5 – 21/22/0022
Gqeberha: Walton Building: Supply, delivery and installation of new air conditioners, the removal of existing air conditioners, and service other existing air conditioners.

3. WARRANTY

- 3.1 The tenderer is to guarantee his workmanship and equipment installed under this contract for a period of twelve (12) months against any defects (from date of Completion).

4. SITE

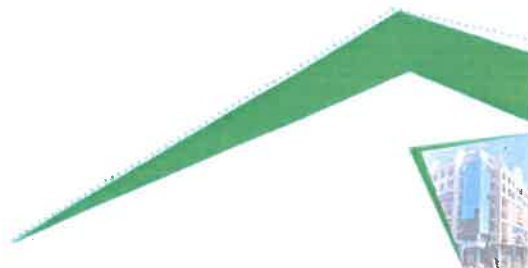
- 4.1 The site for this service is Gqeberha: Walton Building: Conyngham Road, Mount Croix.

5. CONTRACT PERIOD

- 5.1 The time to be allowed for completion of the work shall be **two (2) calendar months** calculated from the date of site hand over.



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6. **MAKING GOOD TO TRADES AND CLEARING OF SITE**

- 6.1 The mechanical contractor will be held fully responsible for the making good of all trades damaged or disturbed during the course of the contract.
- 6.2 All making good to damage must be done to match the existing and to the entire satisfaction of the Works Inspector (Mechanical).
- 6.3 After making good to all trades the contractor shall be held responsible for the clearing of the site and any off-cut materials, etc., caused by him during the course of this contract.

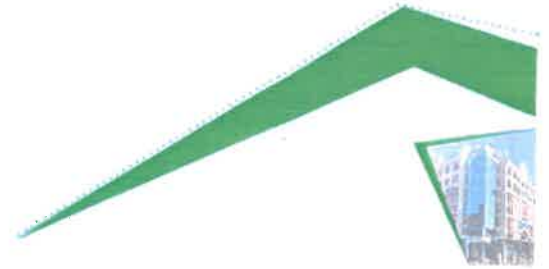
7. **PENALTY FOR DELAY**

- 7.1 Penalty will be calculated for late completion at R250.00 per calendar day.

8. **CONTINGENCY AMOUNT**

- 8.1 A contingency amount of R 20 000.00 (Twenty thousand rand) V.A.T. excluded shall be added to the tender amount for any additional or unforeseen repairs, equipment etc.
Contractor to provide proof of such expenditure for approval by the department.
- 8.2 On commencement of the contract, the contingency amount will be omitted by means of a variation order and the actual cost of any extra work will again be added to the contract amount on receipt of quotation and approval by the department of such expenditure.

CONTINGENCY AMOUNT IS ALREADY CARRIED OVER TO SUMMARY PAGE



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9. SCOPE OF WORK

- 9.1 This specification is for the supply, delivery and installation of eight (8) x single split wall mounted inverter type air conditioners, removal of three (3) x split mid wall type air conditioners, and service of sixty eight (68) x other existing air conditioners at Gqeberha: Walton Building, as specified hereunder.

10. REMOVAL OF AIR CONDITIONERS

- 10.1 Room no A5: One (1) x Kelon mid wall split type air-conditioner.
- 10.2 Room no B3: One (1) x Daiken mid wall split inverter type air-conditioner.
- 10.3 Room no B8: One (1) x Daiken mid wall split inverter type air-conditioner.

R _____

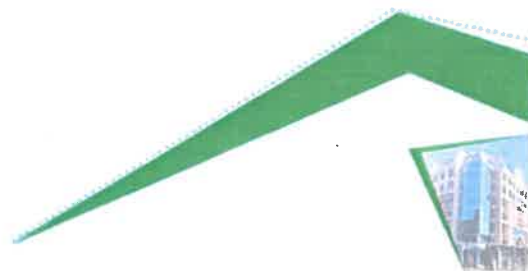
SUB TOTAL FOR CLAUSE 10 SHALL BE CARRIED OVER TO SUMMARY PAGE

11. SUPPLY, DELIVER AND INSTALL

- 11.1 Seven (7) x single split wall mounted inverter type air conditioner suitable for R410A refrigerant charge, complete with indoor unit of maximum capacity **3,5 kW / 12000** btu/hr cooling and **3,5 kW / 12000** btu/hr heating, each.
- R _____
- 11.2 One (1) x single split wall mounted inverter type air conditioner suitable for R410A refrigerant charge, complete with indoor unit of maximum capacity **5,3 kW / 18000** btu/hr cooling and **5,3 kW / 18000** btu/hr heating, each.
- R _____
- 11.3 All mounting brackets, clamps bolts & nuts etc. to complete the installation.

R _____

SUB TOTAL FOR CLAUSE 11 R _____



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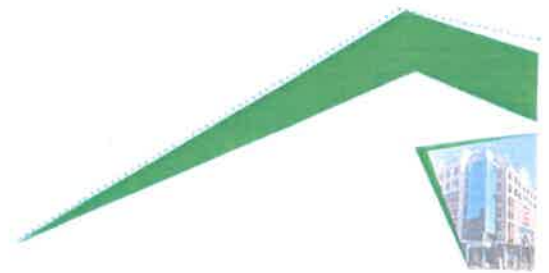
SUB TOTAL FOR CLAUSE 11 SHALL BE CARRIED OVER TO SUMMARY PAGE

12. **AIR CONDITIONER INSTALLATION SCHEDULE**

- 12.1. **Room no A1:** One (1) x single split wall mounted inverter type air conditioner suitable for R410A refrigerant charge, complete with indoor unit of maximum capacity **3,5 kW / 12000** btu/hr cooling and **3,5 kW / 12000** btu/hr heating, each.
- 12.2. **Room no A3:** One (1) x single split wall mounted inverter type air conditioner suitable for R410A refrigerant charge, complete with indoor unit of maximum capacity **3,5 kW / 12000** btu/hr cooling and **3,5 kW / 12000** btu/hr heating, each.
- 12.3. **Room no A5:** One (1) x single split wall mounted inverter type air conditioner suitable for R410A refrigerant charge, complete with indoor unit of maximum capacity **5,3 kW / 18000** btu/hr cooling and **5,3 kW / 18000** btu/hr heating, each.
- 12.4. **Room no B3:** One (1) x single split wall mounted inverter type air conditioner suitable for R410A refrigerant charge, complete with indoor unit of maximum capacity **3,5 kW / 12000** btu/hr cooling and **3,5 kW / 12000** btu/hr heating, each.
- 12.5. **Room no B8:** One (1) x single split wall mounted inverter type air conditioner suitable for R410A refrigerant charge, complete with indoor unit of maximum capacity **3,5 kW / 12000** btu/hr cooling and **3,5 kW / 12000** btu/hr heating, each.
- 12.6. **Room no D8:** One (1) x single split wall mounted inverter type air conditioner suitable for R410A refrigerant charge, complete with indoor unit of maximum capacity **3,5 kW / 12000** btu/hr cooling and **3,5 kW / 12000** btu/hr heating, each.
- 12.7. **Room no D10:** One (1) x single split wall mounted inverter type air conditioner suitable for R410A refrigerant charge, complete with indoor unit of maximum capacity **3,5 kW / 12000** btu/hr cooling and **3,5 kW / 12000** btu/hr heating, each.



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- 12.8 **Room no E8:** One (1) x single split wall mounted inverter type air conditioner suitable for R410A refrigerant charge, complete with indoor unit of maximum capacity **3,5 kW / 12000** btu/hr cooling and **3,5 kW / 12000** btu/hr heating, each.
13. **SINGLE SPLIT TYPE AIR-CONDITIONER**
- 13.1 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.
- 13.2 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.
- 13.3 Nominal energy efficiency rating (EER) for cooling shall be **3.22** Nominal coefficient of performance (COP) for heating shall be **3.43** for the 12000 btu/hr air conditioners.
- 13.4 Nominal energy efficiency rating (EER) for cooling shall be **3.01** Nominal coefficient of performance (COP) for heating shall be **3.43** for the 18000 btu/hr air conditioner.
- 13.5 The unit shall have auto restart after power failure and 24 hour on/off timer.
- 13.6 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.
- 13.7 The indoor unit must have quiet sound pressure levels with only **45/38/31** dBA (High/Nom./Low) on cooling and **45/37/31** dBA (High/Nom./Low) on heating for the 12000 btu/hr air conditioners.
- 13.8 The indoor unit must have quiet sound pressure levels with only **48/43/38** dBA (High/Nom./Low) on cooling and **47/43/38** dBA (High/Nom./Low) on heating for the 18000 btu/hr air conditioner.
- 13.9 The outdoor unit casing shall be constructed from steel, phosphated and epoxy powder coated.

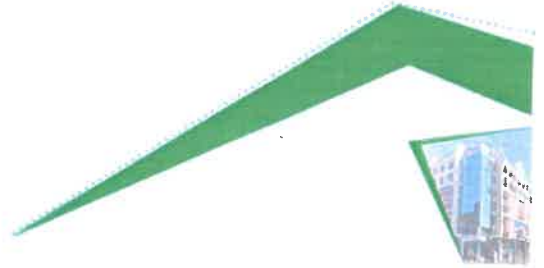


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- 13.10 The condenser coil shall be treated with an anti corrosion chemical coating or treatment of a similar quality and applied by a certified applicator using proper high pressure spraying equipment and following the certified treatment procedure.
- 13.11 The outdoor unit fan grille shall be made of corrosion proof polycarbonate.
- 13.12 The compressor shall be protected from damage by high and low pressure safeties and have high/low voltage protection.
- 13.13 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.
- 13.14 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).
- 13.15 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.
- 13.16 After installation, all indoor unit, outdoor unit, wall and PVC trunking shall be cleaned by means of suitable liquid cleaner.
- 13.17 All refrigeration piping shall be suitable for R410A refrigerant.
- 13.18 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.
14. **AIR PURIFICATION SYSTEM (FILTER)**
- 14.1 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.
15. **MOUNTING DETAIL (SINGLE SPLIT TYPE AIR CONDITIONER)**



- 15.1 The exact positions of the evaporative unit inside and the condensing unit outside shall be indicated on site by the Chief Works Inspector (M).
- 15.2 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.
- 15.3 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
- 15.4 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).
- 15.5 The condensing unit shall be securely fixed onto purpose made 50mm rigid double libbed 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.
- 15.6 The double libbed 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.
- 15.7 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.
- 15.8 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).
- 15.9 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.
- 15.10 After installation, all indoor unit, outdoor unit, wall and PVC trunking shall be cleaned by means of suitable liquid cleaner.
- 15.11 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).



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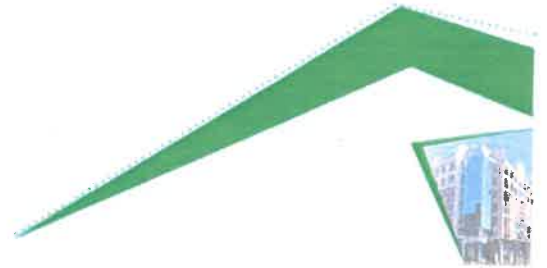
- 15.12 The drain pipes are to be neatly and securely fixed to the exterior walls where it protrudes from the PVC trunking, using PVC holderbats (No electrical cable clips allowed).

16. INFRARED REMOTE CONTROL

- 16.1 The split type air-conditioner shall be complete with infrared remote control.
- 16.2 The infrared remote control shall be mounted against the wall and the exact position will be indicated on site.
- 16.3 At the end of the contract the infrared remote control will be handed over from the contractor to the responsible person at the institution and the contractor is to make sure that he get a signed letter of acceptance from the responsible person for the infrared remote control.
- 16.4 Failing the above it will be for the contractor's own account if the infrared remote control is missing at Practical Completion inspection.

17. HOLE THROUGH WALL (SINGLE SPLIT TYPE AIR CONDITIONER)

- 17.1 The mechanical contractor will be held responsible for any damage to the walls etc., caused by him during this contract and making good thereof.
- 17.2 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.
- 17.3 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.
- 17.4 After installation of the P.V.C. sleeve, piping and cables fitted through the sleeve, the



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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.

- 17.5 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).
- 17.6 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).

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SUB TOTAL FOR CLAUSE 17 SHALL BE CARRIED OVER TO SUMMARY PAGE

18. SERVICE THE FOLLOWING

- 18.1 The following air-conditioners are to be serviced as listed below, as per clause 20 of the specification against the check/repair/replace list for servicing of air-conditioning, at Gqeberha: Walton Building, Conygham Road, Mount Croix as specified.

18.2 SERVICE SCHEDULE OF AIR-CONDITIONERS

18.2.2 WALTON BLOCK A:

- a) Room no A10: One (1) x Daiken mid wall split inverter type air-conditioner.

18.2.3 WALTON BLOCK B:

- a) Room no B1: One (1) x Daiken mid wall split type air-conditioner.
- b) Room no B2: One (1) x Daiken mid wall split inverter type air-conditioner.
- c) Room no B4: One (1) x Daiken mid wall split inverter type air-conditioner.



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- d) Room no B5: One (1) x Daiken mid wall split inverter type air-conditioner.
- e) Room no B6: One (1) x Daiken mid wall split inverter type air-conditioner.
- f) Room no B7: One (1) x Daiken mid wall split inverter type air-conditioner.
- g) Room no B9: One (1) x Daiken mid wall split inverter type air-conditioner.
- h) Room no B10: One (1) x Kelon mid wall split type air-conditioner.
- i) Room no B12: Midea mid wall split inverter type air-conditioner.
- j) Room no B13: One (1) x Kelon mid wall split type air-conditioner.
- k) Room no B14: One (1) x Kelon mid wall split type air-conditioner.
- l) Room no B15: One (1) x Kelon mid wall split type air-conditioner.
- m) Room no B16: One (1) x Kelon mid wall split type air-conditioner.
- n) Room no B17: One (1) x Kelon mid wall split type air-conditioner.
- o) Room no B18: Four (4) x LG cassette type air-conditioners.

18.2.4 **WALTON BLOCK C:**

- a) Room no C1: One (1) x Platonic mid wall split type air-conditioner.
- b) Room no C2: One (1) x Platonic mid wall split type air-conditioner.
- c) Room no C3: One (1) x Daiken mid wall split inverter type air-conditioner.
- d) Room no C4: One (1) x Kelon mid wall split type air-conditioner.
- e) Room no C5: One (1) x Platonic mid wall split type air-conditioner.
- f) Room no C6: One (1) x Platonic mid wall split type air-conditioner.
- g) Room no C7: One (1) x Platonic mid wall split type air-conditioner.



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- h) Room no C8: One (1) x Kelon mid wall split type air-conditioner.
- i) Room no C9: One (1) x Platonic mid wall split type air-conditioner.
- j) Room no C10: One (1) x Platonic mid wall split type air-conditioner.
- k) Room no C11: One (1) x Platonic mid wall split type air-conditioner.
- l) Room no C12: One (1) x Kelon mid wall split type air-conditioner.
- m) Room no C13: One (1) x Platonic mid wall split type air-conditioner.
- n) Room no C14: One (1) x Platonic mid wall split type air-conditioner.
- o) Room no C15: One (1) x Platonic mid wall split type air-conditioner.
- p) Room no C16: One (1) x Platonic mid wall split type air-conditioner.
- q) Room no C17: One (1) x Platonic mid wall split type air-conditioner.
- r) Room no C18: One (1) x Platonic mid wall split type air-conditioner.
- s) Room no C19: One (1) x Platonic mid wall split type air-conditioner.
- t) Room no C20: One (1) x Platonic mid wall split type air-conditioner.
- u) Room no C21: One (1) x Midea mid wall split inverter type air-conditioner.
- v) Room no C22: One (1) x LG window type air-conditioner.



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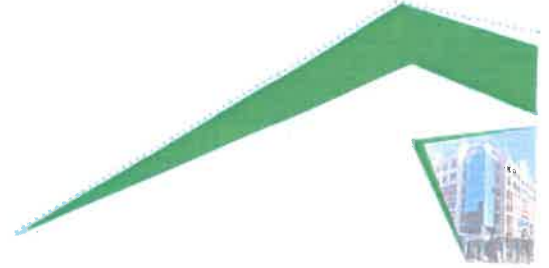
- w) Room no C23: One (1) x Daiken mid wall split inverter type air-conditioner.
- x) Room no C24: One (1) x Daiken mid wall split type air-conditioner.
- y) Room no C25: One (1) x Daiken mid wall split type air-conditioner.
- z) Room no C26: One (1) x Platonic mid wall split type air-conditioner.
- aa) Room no C27: One (1) x Platonic mid wall split type air-conditioner.
- bb) Room no C28: One (1) x Platonic mid wall split type air-conditioner.
- cc) Room no C29: One (1) x Platonic mid wall split type air-conditioner.
- dd) Room no C30: One (1) x Platonic mid wall split type air-conditioner.
- ee) Room no C31: One (1) x Platonic mid wall split type air-conditioner.

18.2.5 **WALTON BLOCK D:**

- a) Room no D1: One (1) x LG window type air-conditioner.
- b) Room no D2: One (1) x Midea mid wall split inverter type air-conditioner.
- c) Room no D6: One (1) x Midea mid wall split inverter type air-conditioner.
- d) Room no D7: One (1) x Daiken mid wall split inverter type air-conditioner.
- e) Room no D11: One (1) x Kelon mid wall split type air-conditioner.
- f) Room no D12: One (1) x Midea mid wall split inverter type air-conditioner.
- g) Room no D13: One (1) x Midea mid wall split inverter type air-conditioner.



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- h) Room no D14: One (1) x LG window type air-conditioner.
- i) Server Room: One (1) x Midea mid wall split inverter type air-conditioner.
- j) Room no D16: One (1) x Kelon mid wall split type air-conditioner.

18.2.6 **WALTON BLOCK E:**

- a) Room no E2: One (1) x Daiken mid wall split inverter type air-conditioner.
- b) Room no E3: One (1) x Midea mid wall split inverter type air-conditioner.
- c) Room no E4: One (1) x LG window type air-conditioner.
- d) Room no E5: One (1) x Daiken mid wall split inverter type air-conditioner.
- e) Room no E6: One (1) x Kelon mid wall split type air-conditioner.
- f) Room no E7: One (1) x Daiken mid wall split inverter type air-conditioner.
- g) Room no E9: One (1) x Kelon mid wall split type air-conditioner.

18.2.7 **WALTON BLOCK F:**

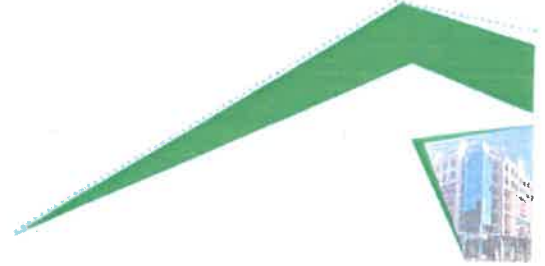
- h) Room no F9: One (1) x Midea mid wall split inverter type air-conditioner.
- i) Room no F10: One (1) x Midea mid wall split inverter type air-conditioner.

19. **PROVISIONAL AMOUNT**

- 19.1 Allow the sum of R30 000.00 (Thirty Thousand Rand) for materials and labour to repair any defective air conditioner units, repair any refrigerant leaks, replace defective filter media and re-gas the air conditioner units to the satisfaction of the chief works inspector (M). These items are subject to remeasurement on a proven cost basis.



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PROVISIONAL AMOUNT FOR MECHANICAL WORK R 30 000.00

PROVISIONAL AMOUNT IS ALREADY CARRIED OVER TO FINAL SUMMARY PAGE

19.2 PRICING INSTRUCTIONS

19.2.1 The tenderer is to price labour and consumables only in the following items.

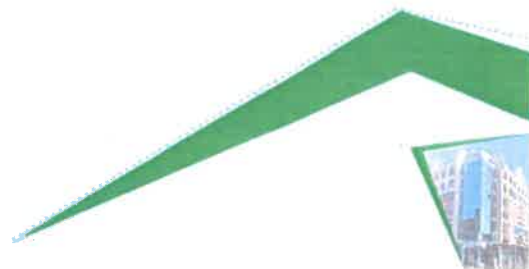
Where indicated, repairs and replacement of parts is subject to remeasurement on a proven cost basis and is not to be priced in this section. These items are covered under a provisional sum as per clause 19.1 of the specification.

20. CHECK/REPAIR/REPLACE LIST FOR SERVICING OF AIR CONDITIONERS

- 20.1 Check heating/cooling/fan operation before disconnecting air conditioner units.
Repair faults where necessary. (Repairs subject to remeasurement as per clause 19.2 of the specification)
- 20.2 Outdoor units shall be high-pressure cleaned, dried and clean outdoor casings and surrounding areas and observe for correct operation at client's premises.
- 20.3 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).
- 20.4 Check power transformers and capacitors on outdoor units for proper functioning. (Repairs/replacement subject to remeasurement as per clause 19.2 of the specification)
- 20.5 Check compressor operation on all air conditioner units and ensure compressor is properly anchored to isolators (anti vibration mountings) and vibration free. (Repairs/replacement subject to remeasurement as per clause 19.2 of the specification)
- 20.6 Treat condensate drip trays for corrosion.
- 20.7 Clear condensate drains.
- 20.8 Check all base, cover, panel, barrier, and motor assemblies on outdoor units for loose and missing fasteners and adjust accordingly. (Replacement subject to remeasurement as per clause 19.2 of the specification)
- 20.9 Check all safety grills, canter lever assemblies on outdoor units, replace bolts, nuts etc. where missing. (Repairs/replacement subject to remeasurement as per clause 19.2 of the



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specification)

- 20.10 Clean evaporator and condenser fans.
- 20.11 Check fan motors and lubricate bearings as necessary.
- 20.12 All outdoor casings shall be treated with clear coat anti-corrosion coating.
- 20.13 Check all reversing, check, and service valves for correct operation. Test for refrigerant leaks, repair and recharge where necessary. (Repairs/replacement and recharging subject to remeasurement as per clause 19.2 of the specification)
- 20.14 Check all amperage readings, record and report if readings are not correct.
- 20.15 Ensure that mounting plate assembly of evaporators are correctly installed against wall.
- 20.16 Check condition of evaporator and condenser coils, starting equipment, switches, thermostats and repair where necessary. (Repairs subject to remeasurement as per clause 19.2 of the specification)
- 20.17 Check the air filters, wash or replace as necessary. (Replacement subject to remeasurement as per clause 19.2 of the specification)
- 20.18 Generally clean evaporators, surrounding areas and observe for correct operation.

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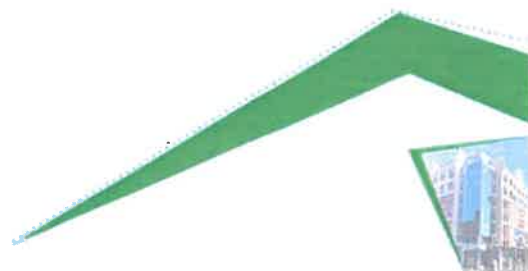
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21. REMOTE CONTROL BATTERIES

- 21.1 Replace one hundred and thirty six (136) x 1.5V AAA batteries, on remote controls.

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SUB TOTAL FOR CLAUSE 21 SHALL BE CARRIED OVER TO FINAL SUMMARY PAGE



22. SPECIFICATION TABLE FOR INVERTER SPLIT TYPE AIR CONDITIONERS

22.1 The following minimum requirements shall be met:

| Product Specification | <u>9000 btu/hr</u> <u>2,6 kW</u> | <u>12000 btu/hr</u> <u>3,5 kW</u> | <u>18000 btu/hr</u> <u>5,3 kW</u> | <u>24000 btu/hr</u> <u>7 kW</u> |
|---|---|--|--|--|
| Cooling capacity | 9000 btu/hr | 12000 btu/hr | 18000 btu/hr | 24000 btu/hr |
| Heating capacity | 9000 btu/hr | 12000 btu/hr | 18000 btu/hr | 24000 btu/hr |
| EER for cooling at 35°/27° nominal load | 3.25 | 3.22 | 3.01 | 3.02 |
| COP for heating at 7°/20° nominal load | 3.62 | 3.43 | 3.43 | 3.22 |
| Indoor Unit: Sound pressure level for cooling: (High / Nom / Low) | 41/35/30 dB(A) | 45/38/31 dB(A) | 48/43/38 dB(A) | 51/45/39 dB(A) |
| Indoor Unit: Sound pressure level for heating: (High / Nom / Low) | 41/35/30 dB(A) | 45/38/31 dB(A) | 47/43/38 dB(A) | 51/45/39 dB(A) |
| Refrigerant Type | R410A | R410A | R410A | R410A |



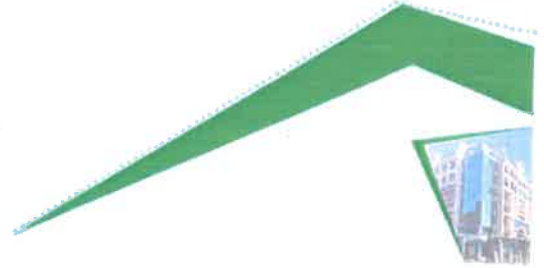
23. **SCHEDULE OF PARTICULARS**

NB: THE FOLLOWING SCHEDULE OF PARTICULARS MUST BE FILLED IN BY BIDDERS. FAILING THE ABOVE THE BID DOCUMENT WILL BE INVALID RESULTING IN DISQUALIFICATION OF THE BID

| ITEM | PARTICULARS REQUIRED |
|------|--|
| 1. | SINGLE SPLIT WALL MOUNTED INVERTER TYPE AIR-CONDITIONING UNIT |
| (a) | Type and make of AC-unit offered |
| (b) | Manufacturer |
| (c) | Country of origin |
| (d) | Size and Model No. |
| (e) | Indoor Unit: Nominal efficiency (cooling at 35°C/27°C Nominal Load, heating at 7°C/20°C Nominal Load). |
| (i) | Indoor Unit: Sound pressure Levels for Cooling. Low/Nom./High (dBA) Sound pressure Levels for Heating. Low/Nom./High (dBA) |
| (ii) | Indoor Unit: Fan Air Flow Rate for Cooling. High/Low(m³/min) |



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Fan Air Flow Rate for Heating.

High/Low (m³/min)

(iii) Nominal energy efficiency (EER).

Nominal energy efficiency rating

EER for cooling

Nominal coefficient of performance

COP for heating

(f) Air purification system (filter) shall be
Titanium apatite photocatalytic filter
(Yes/No)

(g) Outdoor Unit: Casing constructed
from steel, phosphate and epoxy
powder coated. (Yes/No)

(h) Outdoor unit fan grille shall be
corrosion proof polycarbonate.
(Yes/No)

(i) Capacity of unit at specified conditions

Maximum Cooling kW

Maximum Heating kW



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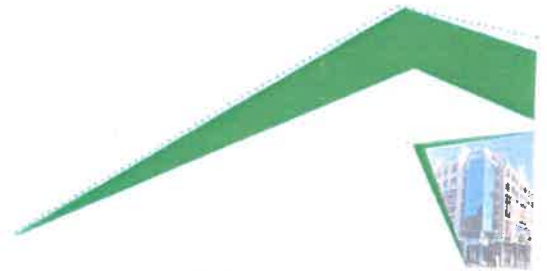


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- (j) Rated voltage
- (k) Are spares in stock? (Yes/No)

BIDDERS PLEASE NOTE:

BIDDERS MUST ALSO SUBMIT BROCHURES ON ALL EQUIPMENT OFFERED AND ATTACH TO THE BID DOCUMENT. FAILING THE ABOVE BIDDERS WILL HAVE 3 DAYS TO SUBMIT BROCHURES ON UNITS OFFERED, OR THE BID DOCUMENT WILL BE INVALID RESULTING IN DISQUALIFICATION OF THE BID.



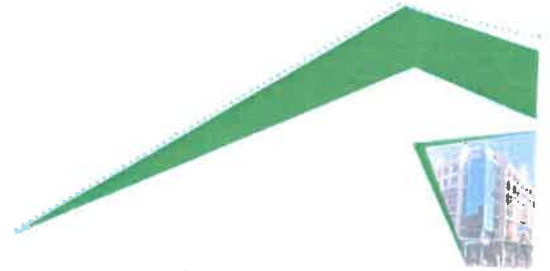
24. SCHEDULE OF PARTICULARS

NB: THE FOLLOWING SCHEDULE OF PARTICULARS MUST BE FILLED IN BY BIDDERS.
FAILING THE ABOVE THE BID DOCUMENT WILL BE INVALID RESULTING IN
DISQUALIFICATION OF THE BID

| ITEM | PARTICULARS REQUIRED |
|------|---|
| 1. | SINGLE SPLIT WALL MOUNTED INVERTER TYPE AIR-CONDITIONING UNIT |
| (a) | Type and make of AC-unit offered |
| (b) | Manufacturer |
| (c) | Country of origin |
| (d) | Size and Model No. |
| (e) | Indoor Unit: Nominal efficiency (cooling at 35°C/27°C Nominal Load, heating at 7°C/20°C Nominal Load). |
| (iv) | Indoor Unit: Sound pressure Levels for Cooling. Low/Nom./High (dBA) |
| | Sound pressure Levels for Heating. Low/Nom./High (dBA) |
| (v) | Indoor Unit: Fan Air Flow Rate for Cooling. |



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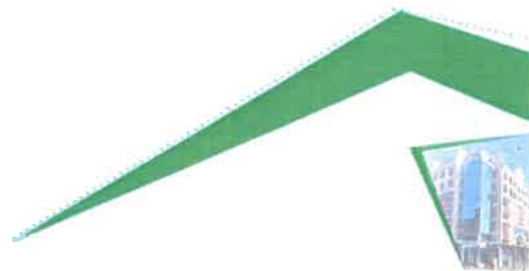


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- High/Low(m³/min)
- Fan Air Flow Rate for Heating.
- High/Low (m³/min)
- (vi) Nominal energy efficiency (EER).
- Nominal energy efficiency rating
- EER for cooling
- Nominal coefficient of performance
- COP for heating
- (f) Air purification system (filter) shall be
Titanium apatite photocatalytic filter
(Yes/No)
- (g) Outdoor Unit: Casing constructed
from steel, phosphate and epoxy
powder coated. (Yes/No)
- (h) Outdoor unit fan grille shall be
corrosion proof polycarbonate.
(Yes/No)
- (i) Capacity of unit at specified conditions
- Maximum Cooling kW
- Maximum Heating kW



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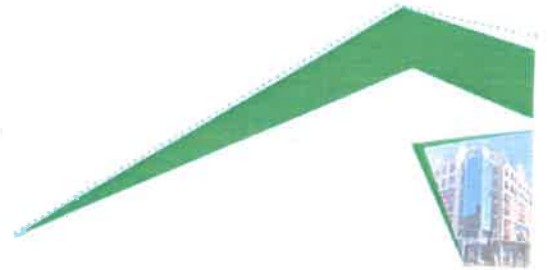
- (j) Rated voltage
- (k) Are spares in stock? (Yes/No)

BIDDERS PLEASE NOTE:

BIDDERS MUST ALSO SUBMIT BROCHURES ON ALL EQUIPMENT OFFERED AND ATTACH TO THE BID DOCUMENT. FAILING THE ABOVE BIDDERS WILL HAVE 3 DAYS TO SUBMIT BROCHURES ON UNITS OFFERED, OR THE BID DOCUMENT WILL BE INVALID RESULTING IN DISQUALIFICATION OF THE BID.



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NMM5-21/22/0022

PART B.

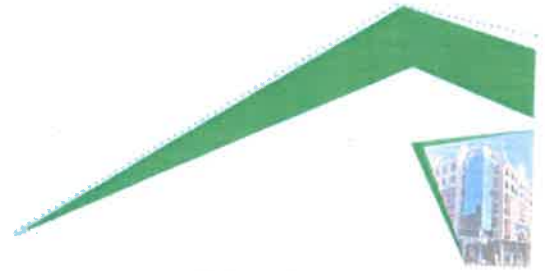
**ELECTRICAL SPECIFICATION TO SUPPLY AND INSTALL
AIR-CONDITIONING WITH POWER.**

AT

**WALTON BUILDING.
CONYNGHAM ROAD.
GQEBERHA.**



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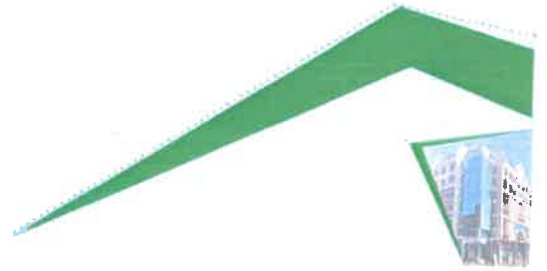
PART B.

GENERAL SPECIFICATIONS.

- a) Regulations.
The latest issue of S.A.N.S. 10142 "Code of practice for the wiring of premises"-Dept. of Standards and Norms, to be followed in the case of this project.
- b) Quality of Material.
Only materials of first class quality shall be used and all material shall be subject to the approval of the Department of Public Works. Materials to comply with the relevant S.A.B.S. specification.
- c) Workmanship and staff.
All work on this service shall be carried out by or under the strict supervision of a registered installation electrician, and also being a, accredited electrician. The workmanship shall be of the highest grade and to the satisfaction of the Department of Public Works. All inferior work shall, on indication by the Department's inspection officer, shall immediately be removed and rectified by and at the expense of the electrical contractor.
- d) Uncertainties.
Any uncertainties and doubts as to the meaning and interpretation of items in this document must be submitted to the Electrical Inspectorate of the Department of Public Works to have them explained, rectified or cleared before quotation are submitted.
- e) Contract Period.
As per Part A.
- f) Closing of quotation.
As per Part A.
- g) Quotations delivered to:
As per Part A.
- h) Electrical quarries:
Francois Dorfling. - Chief Works Inspector. (E).
Tel: 041-3909099(w); Fax: 041-3902066
Cell: 0795203042.



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PART B.

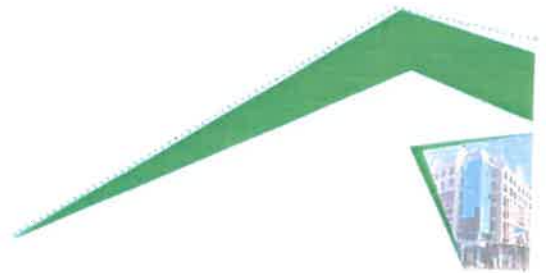
a) **SCOPE OF WORKS:**

Supply and install new air-conditioner power points, including the disconnecting of old –and re-connect of new air-con units.

PART 3:

a) **NOTES TO TENDERERS.**

- 1) Electrical contractor to be a qualified- and an accredited installation electrician.
- 2) The electrical contractor must establish all lengths and materials on site.
- 3) The electrical contractor will be a domestic sub-contractor of the principal contractor.
- 4) All materials must carry the S.A.B.S. mark, and be approved by the elect. inspector of Department of Public Works and Infrastructure.
- 5) The electrical contractor to allow for material mark-up, labour and transport in the pricing.
- 6) The installation has to be commissioned before final quality inspection and payment.



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PART B. BILL OF QUANTITIES

GQEERHA: WALTON BUILDING: SUPPLY, DELIVERY AND INSTALLATION OF NEW AIR CONDITIONERS, THE REMOVAL OF EXISTING AIR CONDITIONERS, AND SERVICE OTHER AIR CONDITIONERS.

| LOCATION | DESCRIPTION | QTY | RATE | TOTAL |
|--|--|------|------|-------|
| <u>Walton main building:</u> | | | | |
| <u>Block A.</u> Room A1 and A3 | Supply and install new power circuit from nearest S.D.B-A to new consumption point on the outside of the office. Using 2.5mm ² black and red wiring, including 2.5mm ² isolated earth wire to be used for new circuit part inside centralized trunking and the rest neatly inside 20mm pvc conduit up to the isolator point. | Sum. | | |
| | Supply and install 20Amp non-metal isolator next to the condensing unit, equal or better approved than the Waco type, butted up to the pvc trunking, on the outside of the office which will be shown out on site. The isolator to be weather proof. | 02 | | |
| | Supply and install new 20Amp slow curve circuit breaker in S.D.B-A as protection for the circuit, neatly labelled underneath the breaker and also labelled on the legend card inside the door. | 02 | | |
| Room A5 | Disconnect old A/C unit and re-connect new A/C unit to the existing power circuit. | Sum. | | |
| <u>Block B.</u> Room B3 and B8 | Disconnect old A/C unit and re-connect new A/C unit to the existing power circuit. | Sum. | | |



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| | | | | |
|------------------------------------|--|------|--|--|
| Block D. Room D8 and D10 | Supply and install new power circuit from nearest S.D.B-D to new consumption point on the outside of the office. Using 2.5mm ² black and red wiring, including 2.5mm ² isolated earth wire to be used for new circuit part inside centralized trunking and the rest neatly inside 20mm pvc conduit up to the isolator point. | Sum. | | |
| | Supply and install 20Amp non-metal isolator next to the condensing unit, equal or better approved than the Waco type, butted up to the pvc trunking, on the outside of the office which will be shown out on site. The isolator to be weather proof. | 02 | | |
| | Supply and install new 20Amp slow curve circuit breaker in S.D.B-D as protection for the circuit, neatly labelled underneath the breaker and also labelled on the legend card inside the door. | 02 | | |
| | Supply and install new power circuit from nearest S.D.B-E to new consumption point on the outside of the office. Using 2.5mm ² black and red wiring, including 2.5mm ² isolated earth wire to be used for new circuit part inside centralized trunking and the rest neatly inside 20mm pvc conduit up to the isolator point. | Sum. | | |
| Block E. Room E8 | Supply and install 20Amp non-metal isolator next to the condensing unit, equal or better approved than the Waco type, butted up to the pvc trunking, on the outside of the office which will be shown out on site. The isolator to be weather proof. | 01 | | |
| | Supply and install new 20Amp slow curve circuit breaker in S.D.B-E as protection for the circuit, neatly labelled underneath the breaker and also labelled on the legend card inside the door. | 01 | | |



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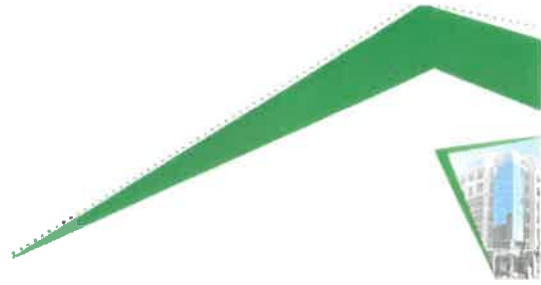


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| | | | | |
|--|---|--|--|--|
| | | | | |
| | SUBTOTAL FOR PART B EXCLUDING VAT CARRIED FORWARD TO FINAL SUMMARY PAGE. | | | |



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OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

IN

**GQEBERHA: WALTON BUILDING: SUPPLY DELIVERY AND
INSTALLATION OF EIGHT (8) X SINGLE SPLIT WALL MOUNTED
INVERTER TYPE AIR-CONDITIONERS, REMOVAL OF THREE (3) X
SPLIT MID WALL TYPE AIR-CONDITIONERS AND SERVICE OF SIXTY-
EIGHT (68) X OTHER EXISTING AIR-CONDITIONERS.**

IMPLEMENTED BY

THE DEPARTMENT OF PUBLIC WORKS & INFRASTRUCTURE

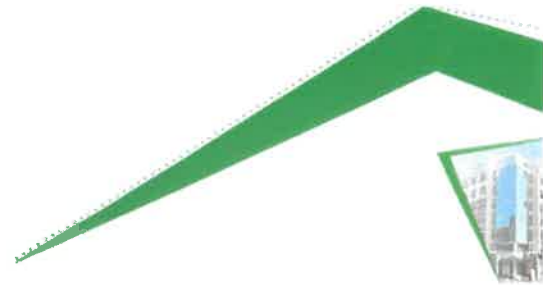
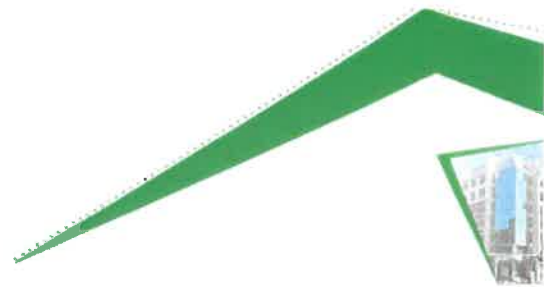


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1. PREAMBLE

In terms of Construction Regulation 4(1)(a) of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), and 5(1) construction regulation of 2014, the Department of Public Works and Infrastructure, 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.

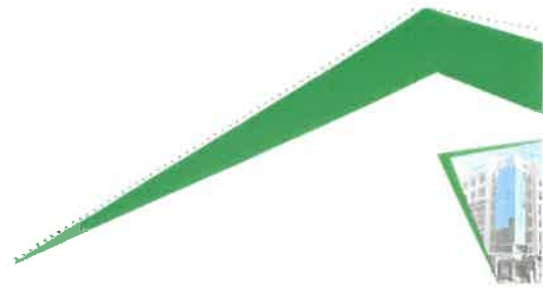
The Client's further duties are as described in The Act and the Regulations made there-under. The Principal Contractor shall be responsible for the Health & Safety Policy for the site in terms of Section 7 of the Act and in line with Construction Regulation 5 as well as the Health and Safety Plan for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

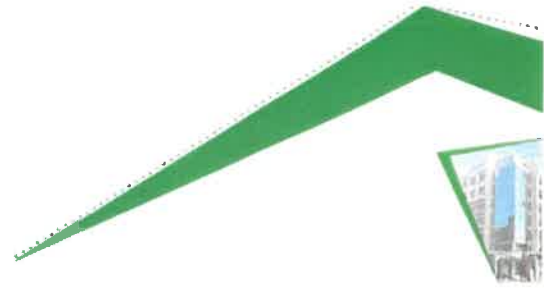
Note 2: The Construction Regulations, 2014, require an employer to stop any contractor from executing construction work which is not in accordance with the contractor's health and safety plan for the site or which poses to be a threat to the health and safety of persons. **Note 3:** This specification 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 and Infrastructure. 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

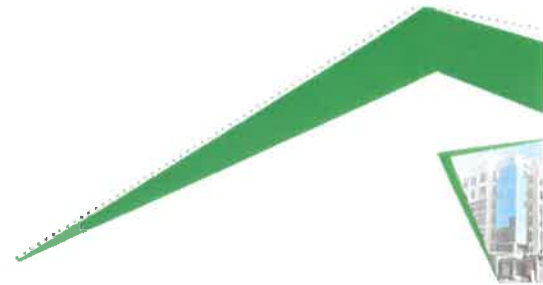
General

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.
4. **Adhere to the consolidated COVID – 19 directions on health and safety in the workplace issued by the Minister in terms of the Regulation 4(10) of the National Disaster Regulations as well as the COVID act. Ensure that you provide the Department with proof that the requirements stipulated on these Regulations as the Employer have been met.**

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;
- Adhere to the consolidated COVID – 19 directions on health and safety in the workplace issued by the Minister in terms of the Regulation 4(10) of the National Disaster Regulations as well as the COIDA act. Ensure that you provide the Department with proof that the requirements stipulated on these Regulations as the Employer have been met.

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 and Infrastructure.

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;

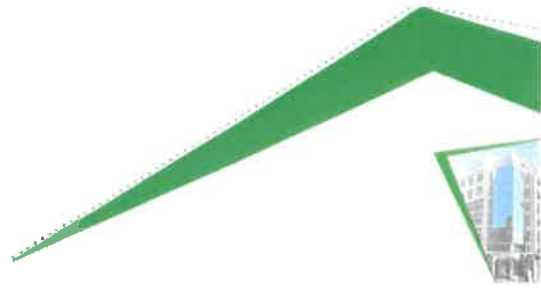
Construction Health & Safety Agent (SACPCMP) – The person or entity appointed by the client through the Agent and who has a full authority and obligation to act on the client's behalf in terms of the construction regulations. *Pr. CHSA* means a competent person who acts as a representative for a Client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

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

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

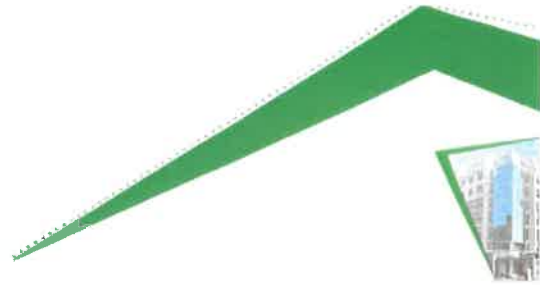
H&S – health and safety.

hazard: a source of or exposure to danger.

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

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

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



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

healthy: free from illness or injury attributable to occupational causes.

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

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

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

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

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

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

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

reasonably practicable: practicable having regard to:

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

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

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

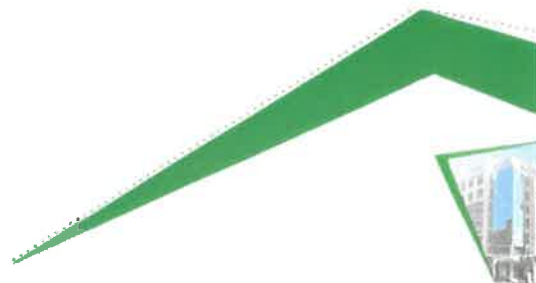
safe: free from any hazard.

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

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

structure:

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



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

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

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

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

5. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

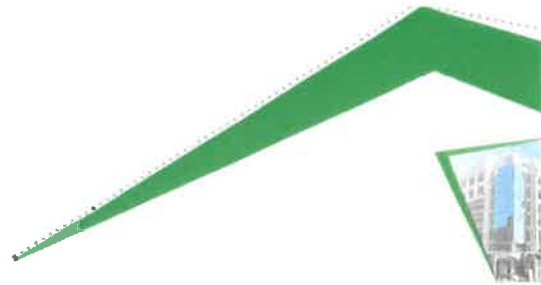
5.1 Structure and Organization of OH&S Responsibilities

5.1.1. Overall Supervision and Responsibility for OH&S

- a) The Client and/or its Agent on its behalf to ensure that the Principal Contractor, appointed in terms of Construction Regulation 4(1)(c), implements and maintains the agreed and approved H&S Plan. Failure on the part of the Client or Agent to comply with this requirement will not relieve the Principal Contractor from any one or more of his/her duties under the Act and Regulations.
- b) The Chief Executive Officer of the Principal Contractor in terms of Section 16 (1) of the Act to ensure that the Employer (as defined in the Act) complies with the Act. The pro forma Legal Compliance Audit may be used for this purpose by the Principal Contractor or his/her appointed contractor.
- c) All OH&S Act (85 /1993), Section 16 (2) appointee/s as detailed in his/her/their respective appointment forms to regularly, in writing, report to their principals on matters of health and safety per routine and ad hoc inspections and on any deviations as soon as observed, regardless of whether the observation was made during any routine or ad hoc inspection and to ensure that the reports are made available to the principal Contractor to become part of site records (Health & Safety File).
- d) The Construction Supervisor and Assistant Construction Supervisor/s appointed in terms of Construction Regulation 6 to regularly, in writing, report to their principals on matters of health and safety per routine and ad hoc inspections and on any deviations as soon as observed, regardless of whether the observation was made during any routine or ad hoc inspection and to ensure that the reports are made available to the principal Contractor to become part of site records (Health & Safety File).
- e) All Health and Safety Representatives (SHE-Reps) shall act and report as per Section 18 of the Act.

5.1.2 Required appointments as per the Construction Regulations: -

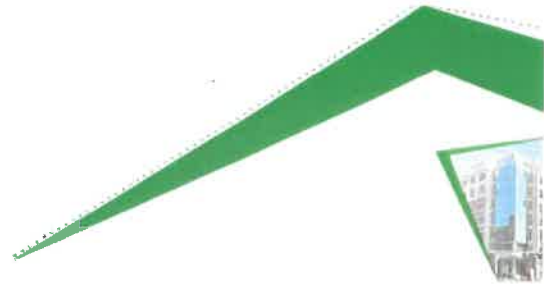
| Item | Regulation | Appointment | Responsible Person |
|------|------------|--|--------------------|
| 1. | 3. | Application Construction work permit (N/A) | Client |
| 2. | 5(1)(k) | Principal contractor for each phase or project | Client |
| 3. | 5(6) | Construction Health & Safety Agent (N/A) | 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 (N/A) | |
| 15. | 12(2) | Supervisor of temporal work operation(N/A) | |
| 16. | 13(1) | Excavation supervisor (N/A) | Contractor |
| 17. | 13(2)(k) | Competent person in the use of explosive for excavations (N/A) | Contractor |
| 18. | 14(11) | Explosives expert (N/A) | Contractor |
| 19. | 14(1) | Supervisor demolition work(N/A) | 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(N/A) | Contractor |
| 25. | 21(2) | Explosive actuated fastening device inspector(N/A) | Contractor |
| 26. | 21(2)(g) | Explosive actuated fastening device cartridge, nails and studs: issuer & collector(N/A) | Contractor |
| 27. | 23(1) | Operator : construction vehicle and mobile plant(N/A) | 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.



5.2.5 Adhere to the consolidated COVID – 19 directions on health and safety in the workplace issued by the Minister in terms of the Regulation 4(10) of the National Disaster Regulations as well as the COID act.

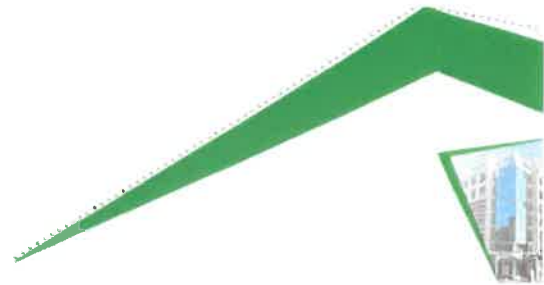
6. INTERPRETATION

- a) The Act and its associated regulations shall have precedence in the interpretation of any ambiguity or inconsistency between it and this specification.
- b) Compliance with the requirements of this specification does not necessarily result in compliance with the provisions of the Act.
- c) The Occupational Health and Safety Act and all its Regulations, with the exception of the Construction Regulations, distinguish between the roles, responsibilities and functions of employers and employees respectively. It views consultants and contractors as employees of the "owner" of a construction or operational project, the "owner" being regarded as the employer.
- d) The position taken by the Construction Regulations is that the "owner", in terms of its instructions, operates (has to operate) in the role of client as per relevant definition. The contractors working for the "client" are seen to be in two categories, i.e. the Principal Contractor and Contractors.
- e) The Principal Contractor has to take full responsibility for the health and safety on the site of the relevant project / contract. This includes monitoring health and safety conditions and overseeing administrative measures required by the Construction Regulations from all contractors on the project site.
- f) The words **Principal Contractor** and **Contractor** in this document are used interchangeable, unless clearly expressed otherwise to mean something else e.g. when used to describe roles, responsibilities, functions, acts or omissions of the sub-contractor(s).
- g) Adhere to the consolidated COVID – 19 directions on health and safety in the workplace issued by the Minister in terms of the Regulation 4(10) of the National Disaster Regulations as well as the COID act. Ensure that you provide the Department with proof that the requirements stipulated on these Regulations as the Employer have been met.

7. RESPONSIBILITIES

7.1 Client

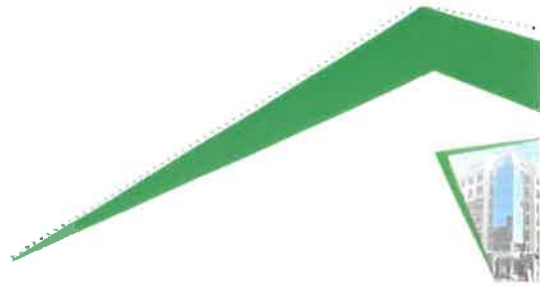
- a) The Client or his appointed Agent on his behalf will appoint each Principal Contractor for this project or phase/section of the project in writing for assuming the role of Principal Contractor as intended by the Construction Regulations.
- b) The Client or his appointed Agent on his behalf shall 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.
- l) **The Principal Contractor shall adhere to the consolidated COVID – 19 directions on health and safety in the workplace issued by the Minister in terms of the Regulation 4(10) of the National Disaster Regulations as well as the COID act. Ensure that you provide the Department with proof that the requirements stipulated on these Regulations as the Employer have been met. Ensure that training is conducted on the requirements on health and safety in relation to COVID-19 in the work place. Provide the appropriate PPE such as cloth face masks minimum of x 2 per employee on site and ensure continuous hands sanitisers are provided and social distance in maintained throughout the work process. Lastly, ensure that medical screening is conducted every morning before workers access the construction site. This should be done to everybody that accesses the site premises.**



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 and Infrastructure 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:

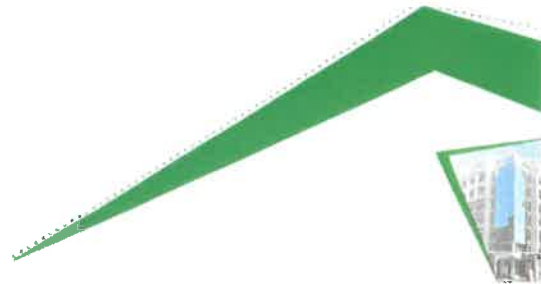
- co-operate with the contractor as far as is necessary to enable both the contractor and sub-contractor to comply with the provisions of the Act; and
- as far as is reasonably practicable, promptly provide the contractor with any information which might affect the health and safety of any person at 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

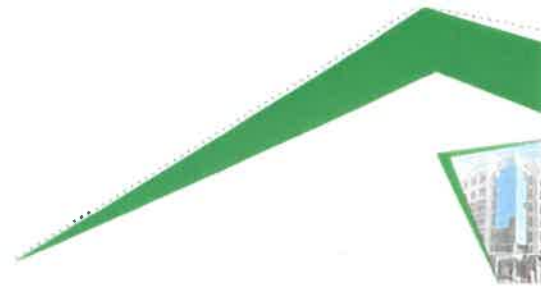
The construction manager shall in writing appoint construction supervisors responsible for construction activities and ensuring occupational health and safety compliance on the construction site.

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(N/A);
- demolition work(N/A);



- scaffolding work operations;
- suspended platform work operations;
- material hoists;
- bulk mixing plants(N/A);
- temporary electrical installations(N/A);
- 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.

7.6. Appointment of a Fulltime/ Part time Safety Officer

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

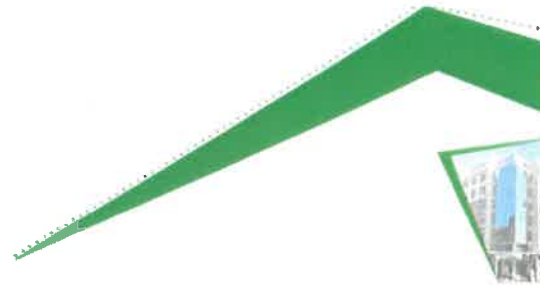
- i. Number of employees onsite between 3 but below 20 – Part Time Safety Officer shall be appointed and will be onsite at least 2 days a week.*

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.

7.7 Construction Health & Safety Agent (SACPCMP)

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

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



any of the contractor's subcontractors with a copy to the contract manager and, where relevant, to the contractor.

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

1. **Tenderer's responsibility:**

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

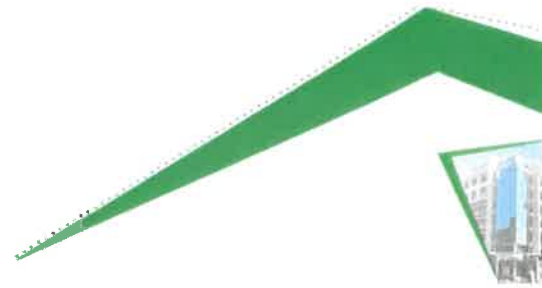
7.8 Responsibilities towards employees and visitors

1. The contractor shall as far as 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.

7.9 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



2. Notification of intention to commence construction work

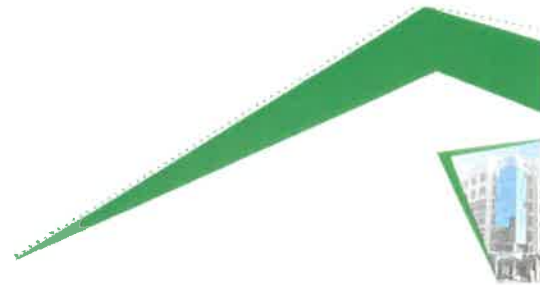
- i. The contractor shall on sites where no construction work permit has been issued by the Provincial Director of the Department of Labour notify such director in writing using a form similar to that contained in Annexure 2 of the Construction Regulations issued in terms of the Act before construction 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.

8. SCOPE OF WORK

See attached building specification.

9. PREPARING A HEALTH & SAFETY PLAN

- (a) The level of detail required for a H&S plan will depend on how complex the workplace is (in particular, the number of contractors at the workplace at any one time) and the risks involved in the work. The plan must be easily accessible in a construction site and it must be clearly understood by management, supervisors & workers on construction site.
- (b) The plan must be implemented, maintained and kept up to date during the construction of the project.
- (c) The principal contractor should prepare a H&S plan that includes
 - project information;
 - client requirements for H&S management on the project;
 - Environmental restrictions and existing on-site risks arrangements, imposed by others or developed by the principal contractor, to control significant site H&S risks; H&S file & project H&S review.
- (d) The H&S plan should include the following information:
 - details of the client, that is the person commissioning the construction work, for example their name, representative and contact details;
 - details of the principal contractor;
 - details of the construction project, for example address of the workplace, anticipated start and end date and a brief description of the type of construction work that the H&S plan will cover;
 - details on how subcontractors will be managed and monitored, including how the principal contractor intends to implement and ensure compliance with the H&S plan such as checking on the performance of subcontractors and how non-compliance will be handled; and
 - details on how the risks associated with falls, falling objects, moving plant, electrical work and all high risk construction work that will take place on a construction project will be managed.
- (e) The H&S plan should also include information on:
 - the provision and maintenance of a hazardous chemicals register, safety data sheets and hazardous chemicals storage;
 - the safe use and storage of plant;



- the development of a construction project traffic management plan;
- obtaining and providing essential services information – electrical, gas, telecom, water and similar services;
- workplace security and public safety; and
- ensuring workers have appropriate licences and training to undertake the construction work.

(f) The H&S plan must contain:

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

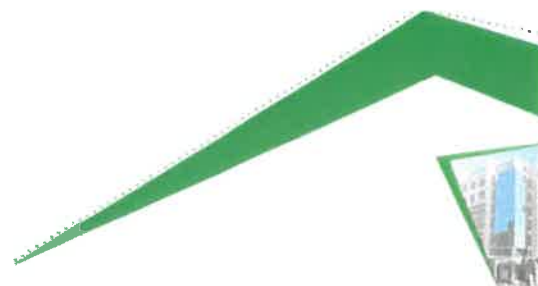
10. HEALTH AND SAFETY FILE

- 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:
 - 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;
 - Technical method statements;
 - copies of all risk assessments that were conducted and their safe working procedures;
 - 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 curricula 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 preliminary hazard identification undertaken by a competent person;
 - the organogram which outlines the roles of the construction supervisor's assistants and safety officers; and
 - the contractor's health and safety plan;
 - the emergency procedures;
 - the procedure for the issuing and replacement of lost, stolen, worn or damaged personal protective clothing and equipment; and

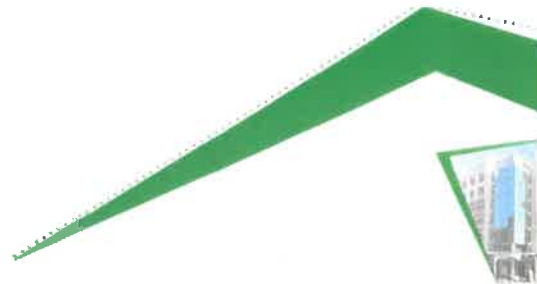


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- proof that the contractor and all the subcontractors are registered and in good standing with the compensation fund or with a licensed compensation insurer relevant to the type of work performed;
- the following documents, as relevant, which shall be placed in the file after construction activities have commenced;
- the letters of appointments, if relevant, together with a brief curricula 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.
- any revisions to the organogram which outlines the roles of the construction supervisor's assistants and safety officers;
- each and every subcontract agreement and each and every subcontractor's approved health and safety plan;
- 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;
- proof of all subcontractor's induction training whenever it is conducted;
- copies of the minutes of the contractor's subcontractor's health and safety meetings;
- 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;
- the health and safety plans of all the contractor's subcontractors who are required to provide such plans;
- copies of the fall protection plan and each revision thereof;
- 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;
- 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;
- any report made to an inspector by the health and safety committee;
- the minutes of all health and safety meetings and any recommendations made to the contractor by the health and safety committee;
- the findings of all audit reports made regarding the implementation of the contractor's or a subcontractor's health and safety plan;
- the inputs of the safety officer, if any, into the health and safety plan;
- details of induction training conducted whenever it is conducted including the list of attendees;
- 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;
- letters of appointments for competent persons to supervise the activities which law requires to be so supervised;
- a copy of risk assessments made by competent persons;
- 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;
- the names of the first aiders on site and copies of the first aid certificates of competency;
- the names of the persons who are in possession of valid certificate of competency in first aid and copies of such certificates;
- 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:
 - details of all incidents together with the Contractor's investigative report on such incident;
 - the record of inspections carried out by the designers of structures to ensure compliance with designs;
- and



- 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;
- 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.
- The health and safety file shall be updated to ensure that its contents always reflect the latest available information.
- 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. OH&S GOALS AND OBJECTIVES AND ARRANGEMENTS FOR MONITORING AND REVIEWING OH&S PERFORMANCE

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

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

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

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

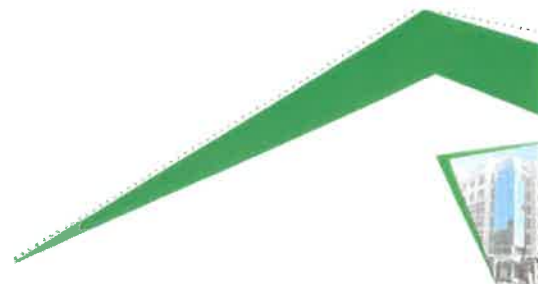
11.1.1 Monthly Audit by Client and/or its H&S Agent.

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

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

11.1.2 Health & Safety incident/accident reporting & investigations

- a) The Principal Contractor shall report all incidents where an employee is injured on duty to the extent that he/she:
 - i. dies
 - ii. becomes unconscious
 - iii. loses a limb or part of a limb



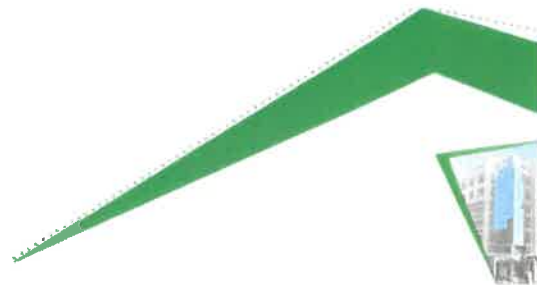
- iv. is injured or becomes ill to such a degree that he/she is likely either to die or to suffer a permanent physical defect or likely to be unable for a period of at least 14 days either to work or continue with the activity for which he/she was usually employed

OR where:

- i. a major incident occurred
 - ii. the health or safety of any person was endangered
 - iii. where a dangerous substance was spilled
 - iv. the uncontrolled release of any substance under pressure took place
 - v. machinery or any part of machinery fractured or failed resulting in flying, falling or uncontrolled moving objects
 - vi. 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)
 - (a) The results of the investigation to be entered into the Accident/Incident Register listed above. (General Administrative Regulation 9)
 - (b) 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.
 - (c) 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.
 - (d) 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.
 - (e) **Reporting of Near-Misses**
 - Department of Public Works and Infrastructure 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 and Infrastructure retains the right to enforce the reporting of near misses within 24 hours of occurrence.

12. Review

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



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

12.1 Site Rules and other Restrictions

a) Site OH&S Rules

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

b) Security Arrangements

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

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

12.1.1 Appointment of Health & Safety Representatives

a) H&S Representatives ('SHE – Reps')

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

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

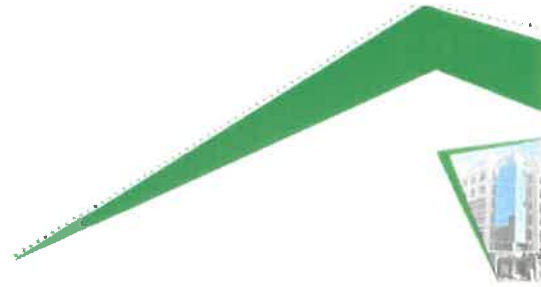
12.1.2 Duties and Functions of the H&S Representatives

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

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

The report must be consolidated and submitted to the Health & Safety Committee.
H&S Representatives must form part of the incident/accident investigating team.

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



12.1.3 Establishment of H&S Committee(s)

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

12.1.4 Training & Awareness

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

a) Training & Induction

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

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

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

b) Site Specific Induction Training

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

c) Other Training

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

d) Copy of the Act

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

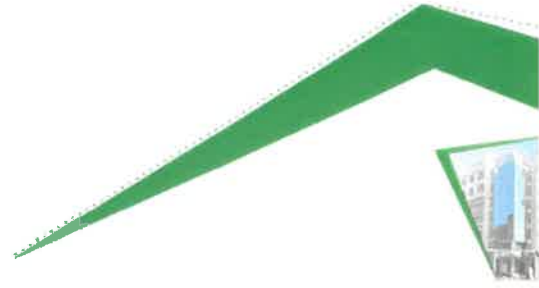
13. PROJECT/SITE SPECIFIC REQUIREMENTS

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

- a) Clearing & grubbing the area/site
- b) Site establishment
- c) 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 welding work
- i) Loading & offloading of trucks
- j) Driving & operations of Construction vehicles & mobile plant
- k) Temporal works and
- l) Construction work as defined in the construction regulation 2014



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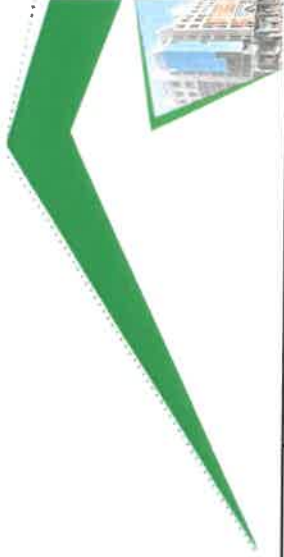


14. OUTLINED DATA, REFERENCES AND INFORMATION ON CERTAIN AND/OR SPECIFIC OBLIGATORY REQUIREMENTS TO ENSURE COMPLIANCE
Administrative & Legal Requirements

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



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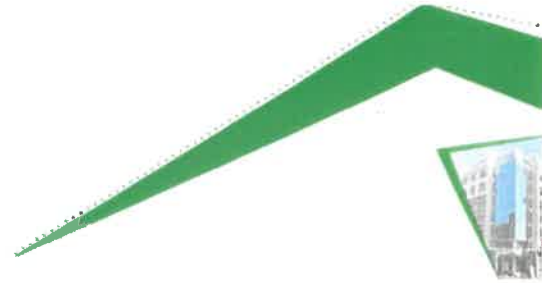
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| Section 37(1) & (2) | Agreement with Mandatories/ (Sub-)Contractors | <ul style="list-style-type: none"> • Written agreement with (Sub-)Contractors • List of Subcontractors displayed. • Proof of Registration with Compensation Insurer/Letter of Good Standing • Construction Supervisor designated • Written arrangements re. • H&S Reps & H&S Committee • Written arrangements re. First Aid |
| Section 24 & General Admin. Regulation 8 COID Act Sect.38, 39 & 41 | Reporting of Incidents (Dept. of Labour) | <ul style="list-style-type: none"> • Incident Reporting Procedure displayed. • All incidents in terms of Sect. 24 reported to the Provincial Director, Department of Labour, within 3 days. (Annexure 1) (WCL 1 or 2) and to the Client and/or its Agent on its behalf • Cases of Occupational Disease Reported • Copies of Reports available on Site • Record of First Aid injuries kept |
| General Admin. Regulation 9 | Investigation and Recording of Incidents | <ul style="list-style-type: none"> • All injuries which resulted in the person receiving medical treatment other than first aid, recorded and investigated by investigator designated in writing. • Copies of Reports (Annexure 1) available on Site • Tabled at H&S Committee meeting • Action taken by Site Management. |
| Construction. Regulation 8 | Fall Prevention & Protection | <ul style="list-style-type: none"> • Competent person appointed to draw up the Fall Protection Plan • Proof of appointee's competence available on Site • Risk Assessment carried out for work at heights • Fall Protection Plan drawn up/updated • Available on Site |
| 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 |



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| | | |
|-------------------------------|--|---|
| General Safety Regulation 3 | First Aid | <ul style="list-style-type: none"> • Every workplace provided with sufficient number of First Aid boxes. (Required where 5 persons or more are employed) • First Aid freely available • Equipment as per the list in the OH&S Act. • One qualified First Aider appointed for every 50 employees. (Required where more than 10 persons are employed) • List of First Aid Officials and Certificates • Name of person/s in charge of First Aid box/es displayed. • Location of First Aid box/es clearly indicated. • Signs instructing employees to report all • Injuries/illness including first aid injuries |
| General Safety Regulation 2 | Personal Safety Equipment (PSE) | <ul style="list-style-type: none"> • PSE Risk Assessment carried out • Items of PSE prescribed/use enforced • Records of Issue kept • Undertaking by Employee to use/wear PSE • PSE remain property of Employer, not to be removed from premises GSR 2(4) |
| General Safety Regulation 9 | Inspection & Use of Welding/Flame Cutting Equipment | <ul style="list-style-type: none"> • Competent Person/s with specific knowledge and experience designated to Inspect Electric Arc, Gas Welding and Flame Cutting Equipment • Written Proof of Competence of above appointee available on Site • All new vessels checked for leaks, leaking vessels NOT taken into stock but returned to supplier immediately • Equipment identified/numbered and entered into a register • Equipment inspected weekly. Inspection Register kept • 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 and 2 or more face masks;
- all workers are identifiable at all times by having the company for which they work for printed on the back or front of their overalls; and
- clear procedures are in place for the replacement of lost, stolen, worn or damaged personal protective clothing.
- All workers have all covid-19 required equipment to ensure that all workers are protected at work.

iii. Competent persons

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

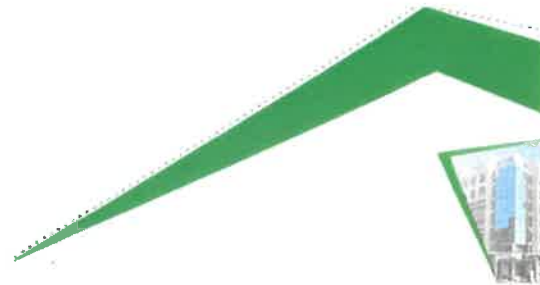
- formwork and support work operations;
- scaffolding work operations;
- suspended platform work operations;
- the stacking and storage of articles on the site; and
- fire equipment.

The contractor shall appoint in writing competent persons to:

- induct employees in health and safety & covid-19 requirements; 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
- 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
- k. Disaster Management Act

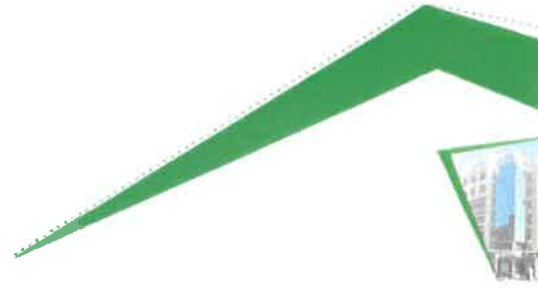
ii. General requirements

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:
 - 1) Improvement Notice: improve health and safety performance over time so that repeat notices are not issued;
 - 2) 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.

a) Facilities

The site establishment plan shall make provision for:

b) Eating area facilities

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

c) Change rooms

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

d) Ablution facilities

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

These facilities shall be maintained by the contractor.

e) Smoking Areas

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

f) Drinking Water Facilities

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

g) 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:

h) 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 and Infrastructure 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.



i) Erection of Structures for Logistic Support

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

j) Salvage Yard Management

Depending on the site specific arrangements and procedures, Department of Public Works and Infrastructure 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.

k) 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 and Infrastructure in writing.

l) Hazardous Chemical Substances Waste Removal

Department of Public Works and Infrastructure 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.

m) Personal Protective Equipment (PPE)

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

20. LOCKOUT SYSTEMS

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

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

21. IMPORTANT LISTS AND RECORDS TO BE KEPT

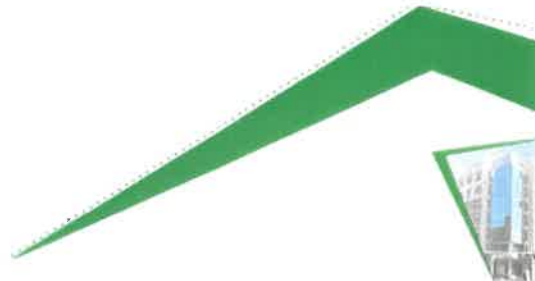
The following are lists of several records that are to be kept in terms of the Construction Regulations. The lists are:

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

a) Contractor Risk Assessment Process

The risk assessment process shall include:

- 1) an evaluation of the method of the work to be conducted
- 2) the method statement on the procedure to be followed in performing the task shall be developed
- 3) the risk assessment will also include activities like:



- i. Transportation of passengers and goods to and from site
 - ii. Site establishment
 - iii. Physical and mental capabilities of employees
 - iv. Others as may be specified.
- 4) the hazards as listed in the paragraph – Site Specific Health and Safety Hazards
- 5) a review plan for risk assessments shall provide for:
- i. the quarterly review of all applicable risk assessments
 - ii. the review of an assessment if there is reason to believe that the previous assessment is no longer valid, or there has been a change in a process, work methods, equipment or procedures and working conditions
 - iii. Risk assessment/s to be reviewed if the outcome of incident investigations and audits etc. requires such action.

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

b) **Risk Profile**

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

c) **Risk Based Inspection Program**

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

22. MEASUREMENT AND PAYMENT

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

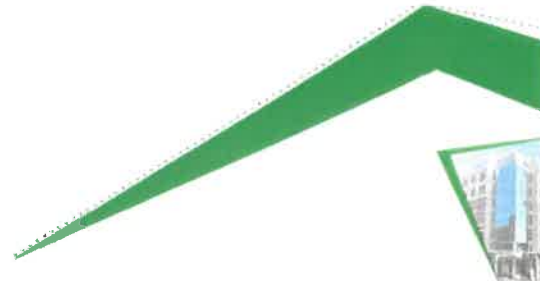
23. NON-CONFORMANCES

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

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

4.8 Failure to Comply with Provisions

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



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

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

24. INSPECTIONS, FORMAL ENQUIRES AND INCIDENTS

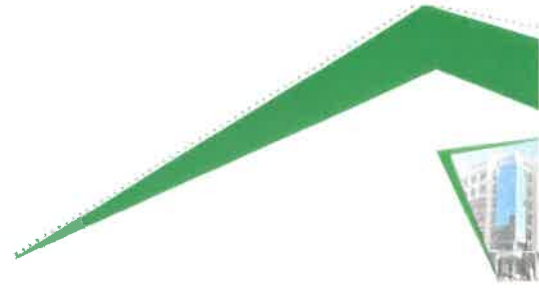
1. The contractor shall inform the relevant safety representative:
 - i. beforehand of inspections, investigations or formal inquiries of which he has been notified by an inspector; and
 - ii. as soon as reasonably practicable of the occurrence of an incident on the site.
2. The contractor shall record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

25. EMERGENCY PROCEDURES

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

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

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



IMPORTANT CONTACT DETIALS

(FOR HEALTH & SAFETY ASPECTS ONLY)

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

SERVICE

NUMBER

CONTACT PERSON



| | | |
|----------|--|--|
| Hospital | | |
| | | |



| | | |
|-----------|--|--|
| Ambulance | | |
| | | |



| | | |
|-------------|--|--|
| Water | | |
| Electricity | | |



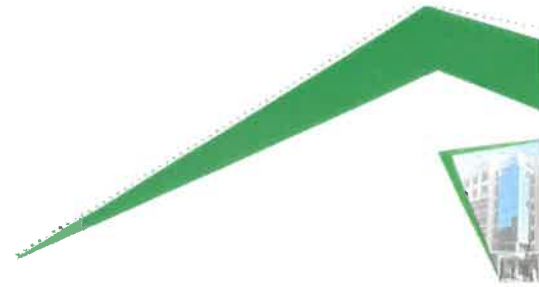
| | | |
|--------|--|--|
| Police | | |
| | | |



| | | |
|--------------|--|--|
| Fire Brigade | | |
| | | |



| | | |
|----------|--|--|
| Engineer | | |
| | | |



**ADD OTHER IMPORTANT HEALTH & SAFETY CONTACT DETAILS AS MAY BE FOUND NECESSARY.
SECTION 37(2) AGREEMENTS**

CONCLUDED BETWEEN
DEPARTMENT OF PUBLIC WORKS & INFRASTRUCTURE
(Hereinafter referred to as Department of Public Works and Infrastructure)

AND

.....
(Name of contractor/supplier/Agent/)

I,[(name) representing
..... [Insert name of contractor/supplier], do hereby acknowledge
that [insert name of contractor/supplier] is an employer in his/her own
right, with duties as prescribed in the Occupational Health and Safety Act No. 85 of 1993 ("the Act"), as amended, and
agree to ensure that all work will be performed and/or machinery or plant used in accordance with the provisions of the
Act.

I undertake that [insert name of contractor/supplier] shall strictly adhere to,
and ensure that his/her employees adhere to, the provisions of the Occupational Health and Safety Act, 1993 (Act 85 of
1993).

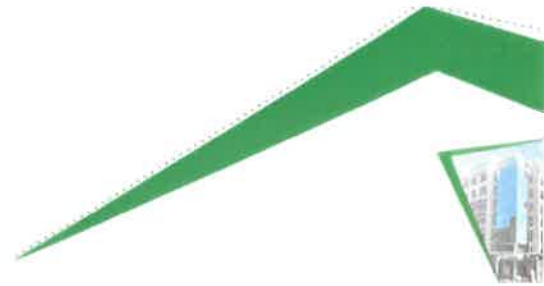
I have been provided with SHE specifications for project/service[insert brief details of
project/service, for example, name, contract/project number]and will comply with the
requirements set out in these.

I accept and agree that the SHE specifications constitute arrangements and procedures between
..... [Insert name of contractor/supplier/Agent **Safety Manager/Safety
Officer**] and Department of Public Works and Infrastructure, which will ensure compliance by
..... [Insert name of contractor/supplier] with the provisions of the Act, as
contemplated in section 37(2) of the Act.

This agreement constitutes the sole agreement between the parties, and no variation, modification, or waiver of any of
the provisions of this agreement or consent to any departure from these shall, in any manner, be of any force or effect,
unless confirmed in writing and signed by both parties, and such variation, modification, waiver, or consent shall be
effective only in the specific instance and for the specific purpose and to the extent for which it was made or given.



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PUBLIC WORKS & INFRASTRUCTURE



This agreement is signed on behalf of the parties, each signatory to this warranting that he/she has the requisite authority to do so.

Signed this day of 20 at

..... (Place)

(Full name)..... (Signature)on

behalf of (Supplier/contractor/Agent)

Contractor Responsible Manager (responsible for signing the Department of Public Works and Infrastructure' contract on behalf of the contractor)

Witnesses

1.

2.

Signed this day of20.....

at (Place)

(Full name..... (Signature).....on

Behalf of **Department of Public Works and Infrastructure.**

(Contracts and/or Project Manager or Department of Public Works and Infrastructure representative)

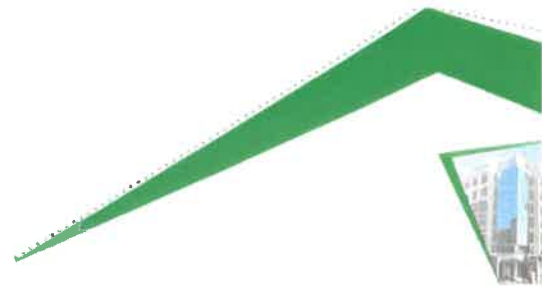
Witnesses

1.

2.



Province of the
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PUBLIC WORKS & INFRASTRUCTURE



PROJECT: _____
(full name AND site address of project)
(and full or proper description of project)

SCMU NO: _____

SUPERVISION BY THE DEPARTMENT OF PUBLIC WORKS & INFRASTRUCTURE:

Mr /Ms/Me - **CONSTRUCTION PROJECT MANAGER**
(add full details of the project manager)
.....
.....

Mr /Ms/Me - **CONSTRUCTION MANAGER**
(add full details)
.....
.....

Mr /Ms/Me **PRINCIPAL AGENT:**
(full particulars of agent)
.....
.....

SUPERVISION BY THE PRINCIPAL CONTRACTOR:

PRINCIPAL CONTRACTOR: (full particulars of principle contractor / contractor)

Mr /Ms/Me - **CONSTRUCTION HEALTH & SAFETY OFFICER**
(add full details and contact of this officer)
.....
.....

Mr /Ms/Me - **CONSTRUCTION HEALTH & SAFETY MANAGER**
(add full details of this officer)
.....
.....

Mr /Ms/Me - **CONSTRUCTION HEALTH & SAFETY AGENT**
(add full details of this officer)
.....
.....

Mr /Ms/Me - **CONSTRUCTION MANAGER**
(add full details of the head of the project)
.....
.....



NMM5-21/22/0022

FINAL SUMMARY

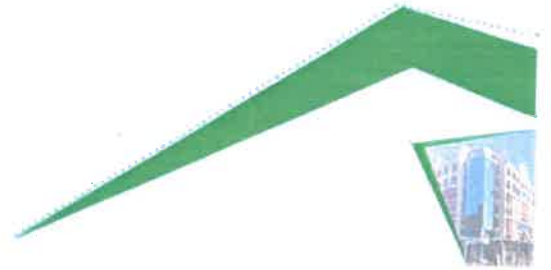
| | |
|-------------------------|---|
| Project title | SUPPLY, DELIVERY AND INSTALLATION OF NEW AIR CONDITIONERS, REMOVAL OF EXISTING AIR CONDITIONERS AND SERVICE OTHER AIR CONDITIONERS AT WALTON BUILDING IN GQEBERHA. |
| Quotation number | NMM5-21/22/0022 |

SUMMARY OF SCHEDULE OF QUANTITIES

| Section | Description | From Page | Amount |
|------------------|--|-----------|-------------|
| | <u>PART A: MECHANICAL</u> | | |
| | CONTINGENCY AMOUNT | | R 20 000.00 |
| | Removal of Air Conditioners | | R _____ |
| | Supply, Deliver and Install | | R _____ |
| | Hole through wall (Single split type Air Conditioner) | | R _____ |
| | Provisional Amount | | R 30 000.00 |
| | Check/ Repair/ replace list for servicing of air conditioner units | | R _____ |
| | Remote Control Batteries | | R _____ |
| | PART B: Electrical Installation | | R _____ |
| | Occupational Health & Safety as per specification | | R _____ |
| Sub Total | | | R _____ |



Province of the
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NMM5-21/22/0022

| | |
|---|---------|
| 15% VAT | R _____ |
| TOTAL (Incl. VAT) (To be carried forward to the Form of Offer & Acceptance) | R _____ |