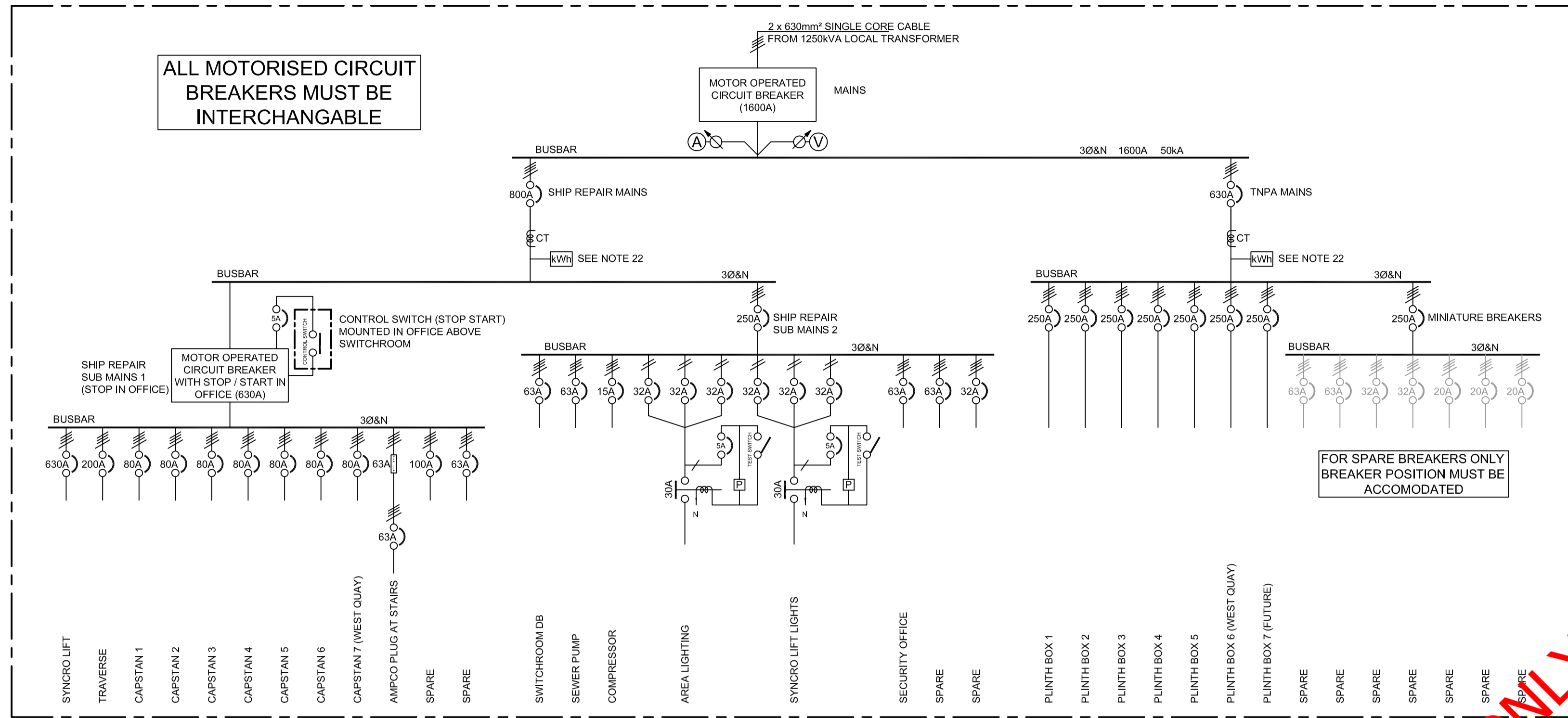


L.V. DISTRIBUTION BOARD SCHEMATIC LAYOUT SYNCROLIFT SWITCH ROOM



DISTRIBUTION BOARD SYMBOLS	
	OVERRIDE OR CONTROL SWITCH
	ISOLATING SWITCH
	HIGH RUPTURING CAPACITY FUSE SWITCH
	HIGH RUPTURING CAPACITY FUSE
	MOULDED CASE CIRCUIT BREAKER
	EARTH LEAKAGE WITH OVERCURRENT PROTECTION
	EARTH LEAKAGE - NO OVERCURRENT PROTECTION
	SINGLE PHASE & NEUTRAL CIRCUIT
	THREE PHASE CIRCUIT
	THREE PHASE & NEUTRAL CIRCUIT
	PHOTOELECTRIC CONTROL UNIT
	LOAD CONTROL RELAY
	TIME SWITCH
	CONTACTOR
	ISKRA MT880-T KILOWATT HOUR METER, (FREE ISSUE)
	CABLE
	TRANSFORMER
	THERMOSTAT
	KILOWATT HOUR METER WITH CT'S
	AMMETER
	VOLT METER

DISTRIBUTION BOARD NOTES:

1. MAXIMUM WIDTH OF THE DISTRIBUTION BOARD MUST BE 2700mm
2. ALL BREAKERS MUST BE ABB OR SIMILAR
3. ALL FEEDER BREAKERS MUST HAVE GLAND PLATE FOR CABLE TERMINATIONS
4. INCOMER MOTORISED CIRCUIT BREAKER MUST BE RATED AT 50kA AND ADJUSTABLE BETWEEN 800A AND 1600A AND SET AT 800A
5. ALL LARGE FRAME BREAKERS MUST BE ELECTRONICALLY ADJUSTABLE TO A LOWER AMPAGE
6. DISTRIBUTION BOARD TO BE FLOOR MOUNTED AND SUPPORTED TO STAND OVER THE CABLE TRENCH. ALL CABLES WILL ENTER THE BOARD FROM BELOW.
7. MATERIAL FOR DISTRIBUTION BOARD: MIN 2mm 3CR12 STAINLESS STEEL AND POWDER COATED ELECTRIC ORANGE
8. COVERS TO THE DISTRIBUTION BOARD TO BE SECURED BY MEANS OF ROTARY CATCHES OPERATED BY A STANDARD SQUARE DRIVE KEY. CATCHES TO HAVE A POSITIVE STOP IN THE LOCKED POSITION.
9. BREAKERS MUST BE CASCADED AND WARNING LABEL RE CASCADED SYSTEM REQUIRED.
10. SUITABLE AIR CIRCULATION GAPS ARE TO BE LEFT BETWEEN THE LARGER SIZE CIRCUIT BREAKERS.
11. BEZELS PROVIDED WITH CIRCUIT BREAKERS TO BE USED.
12. VOLTMETERS TO MEASURE PHASE TO PHASE, AND PHASE TO NEUTRAL VOLTAGES.
13. ALL BREAKERS MUST BE LABELED TO SANS 10142.
14. ONLY ONE CABLE PERMITTED IN THE SCREW-DOWN CLAMP OF A CIRCUIT BREAKER. FOR MULTIPLE CABLES, PROVISION IS TO BE MADE FOR USING LUGGED TERMINATIONS WITH SPREADER BARS / BUSBARS AS REQUIRED.
15. SUPPLIES TO BREAKERS TO BE SIZED AT THE MAXIMUM BREAKER SETTING.
16. PHASE BARRIERS TO BE INSTALLED AS REQUIRED.
17. ONLY LOW OXYGEN HIGH CONDUCTIVITY COPPER BUSBARS ARE TO BE USED. BUSBARS TO BE CHEMICALLY TINTED
18. LARGE PANELS TO HAVE 60A FUSE AT THE BUSBAR FOR THE VOLTAGE TRANSFORMER, WITH A 10A FUSE MOUNTED IN THE TRADITIONAL ACCESSIBLE POSITION FOR PROTECTION OF THE METER.
19. PROVISION TO BE MADE FOR FUTURE INCREASE IN EQUIPMENT OF 20%. SPARE POSITIONS TO BE PROVIDED & COVERED WITH BLANK-OFF PIECES.
20. NO MINIATURE INSULATED BUSBARS ARE TO BE USED. ALL CIRCUIT BREAKERS ARE TO BE SUPPLIED INDIVIDUALLY DIRECT FROM THE BUSBAR.
21. CURRENT TRANSFORMERS FOR ENERGY METERS TO BE SIZED FOR FULL RATING OF THE CIRCUIT BREAKER AND TO BE CLASS 1. TRANSFORMER RATIO TO BE TO 1 AMP. OUTPUT TO BE TAKEN TO A TERMINAL STRIP THAT USES ENTRELEC ADO - ADO TYPE D 4/8.ADO TERMINAL BLOCKS. TERMINALS TO BE LABELED. TERMINALS TO BE SUPPLIED WITH BRIDGE PIECES SHORTING THE TERMINALS AFTER TESTING & BEFORE DELIVERY.
22. INSTALLATION OF ISKRA MT880-T kWh METERS + MODEM FOR REMOTE READING - (THE METERS WITH ALL ASSOCIATED EQUIPMENT WILL BE A FREE ISSUE FROM THE CLIENT)
23. COPIES OF PROPOSED LAYOUT AND LINE DRAWINGS ARE TO BE SUBMITTED TO THE ENGINEER FOR REVIEW BEFORE COMMENCING WITH MANUFACTURE.
24. ALL CIRCUIT DIAGRAMS, MANUALS, ETC, AND MATERIALS SUPPLIED WITH THE INSTALLED ITEMS, ARE TO BE DELIVERED WITH THE DISTRIBUTION BOARD.
25. ALL RELEVANT SANS SPECIFICATIONS AS PER THE OSHACT ARE TO BE COMPLIED WITH. ALL TEST CERTIFICATES FOR THE TYPE(S) OF BOARD INCLUDING, BUT NOT LIMITED TO, ROUTINE TEST CERTIFICATES ARE TO BE PROVIDED. A CERTIFICATE OF CONFORMANCE IS TO BE PROVIDED. THE DISTRIBUTION BOARD MANUFACTURER IS RESPONSIBLE FOR THE DESIGN OF THE BOARD. PANEL TO BE OF THE TYPE TESTED TYPE, FAILING WHICH, OF THE RATIONAL DESIGN TYPE.

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NO	REVISIONS	DATE	CHECKED	APPROVED
2	CHANGED TO CLIENT REQUEST	12/08/2015		
1	ALL MAIN BREAKERS CHANGED TO MOTORISED BREAKERS.	30/07/2015		

TRANSNET		
PROJECT TITLE PORT OF CAPE TOWN SYNCROLIFT SWITCHROOM	DRAWING TITLE SCHEMATIC LAYOUT OF PROPOSED NEW LV BOARD	
DATE 28/05/2015	SCALE NTS	PAPER SIZE A1
DRAWN BY EF Louw	APPROVAL 12 Aug 2015 DATE	A. Jassiem SIGNATURE
DRAWING No. 1115996 ELEC 002	REVISION 2	



Transnet Freight Rail, a division of

TRANSNET SOC LTD

Registration Number 1990/000900/30

[hereinafter referred to as **Transnet**]

REQUEST FOR QUOTATION [RFQ] No: RME CPT 331/2015

FOR THE SUPPLY AND DELIVERY OF [] PANEL

FOR DELIVERY TO: [] VILLE SQUARE STORES, CAPE TOWN

ISSUE DATE: 10 SEPTEMBER 2015

CLOSING DATE: 22 SEPTEMBER 2015

CLOSING TIME: 10:00

RFQ for the Supply and delivery of [LV Panel]

Section 1 NOTICE TO BIDDERS

Quotations which must be completed as indicated in Section 2 of this RFQ are to be submitted as follows:

METHOD: Post, courier and hand delivery
CLOSING VENUE: SEE BELOW FOR CLOSING VENUE

1 Responses to RFQ

Responses to this RFQ [**Quotations**] must not include documents or references relating to any other quotation or proposal. Any additional conditions must be embodied in an accompanying letter. Proposals must reach the Secretariat, Acquisition Council before the closing hour on the date shown below, and must be enclosed in a sealed envelope which must have inscribed on the outside:

RFQ No: RME CPT 331/2015
Description: SUPPLY AND DELIVERY OF LV PANEL
Closing date and time: 22nd September 2015 AT 10:00 Sharp
Closing address: [Refer to options in Delivery Instructions for RFQ below]

All envelopes must reflect the return address of the respondent on the reverse side.

A. DELIVERY INSTRUCTIONS FOR RFQ

Delivery by hand

If delivered by hand, the envelope is to be deposited in the Transnet tender box which is located at the main entrance of Transnet Park, ROBERT SOBUKWE Road, Bellville, and should be addressed as follows:

THE SECRETARIAT
 ACQUISITION COUNCIL
 TRANSNET PARK
 TENDER BOX (located in the foyer of the building)
 ROBERT SOBUKWE ROAD
 BELLVILLE 7535

- a) The measurements of the "tender slot" are 400mm wide x 100mm high, and Respondents must please ensure that response documents or files are no larger than the above dimensions. Responses which are too bulky [i.e. more than 100mm thick] must be split into two or more files, and placed in separate envelopes, each such envelope to be addressed as above.

Dispatch by courier

If dispatched by courier, the envelope must be addressed as follows and delivered to the Office of The Secretariat, Acquisition Council and a signature obtained from that Office:

THE SECRETARIAT
 TRANSNET ACQUISITION COUNCIL
 6TH FLOOR
 TRANSNET PARK
 ROBERT SOBUKWE ROAD
 BELLVILLE

RFQ for the Supply and delivery of [LV Panel]

Please note that this RFQ closes punctually at **10:00 on 22nd September 2015**.

1. If responses are not delivered as stipulated herein, such responses will not be considered and will be treated as "NON-RESPONSIVE" and will be disqualified.
2. No email or facsimile responses will be considered, unless otherwise stated herein.
3. The responses to this RFQ will be opened as soon as practicable after the expiry of the time advertised for receiving them.
4. Transnet shall not, at the opening of responses, disclose to any other company any confidential details pertaining to the Proposals / information received, i.e. pricing, delivery, etc. The names and locations of the Respondents will be divulged to other Respondents upon request.

Envelopes must not contain documents relating to any RFQ other than that shown on the envelope.

2 Broad-Based Black Economic Empowerment [B-BBEE]

Transnet fully endorses and supports the Government's Broad-Based Black Economic Empowerment Programme and it would therefore prefer to do business with local business enterprises who share these same values. As described in more detail in the attached B-BBEE Claim Form Transnet will allow a "preference" to companies who provide a valid B-BBEE Verification Certificate.

The value of this bid is estimated to be below R1 000 000 (all applicable taxes included) and therefore the **80/20** system shall be applicable.

Respondents are required to complete Annexure A [the B-BBEE Preference Point Claim Form] and submit it together with proof of their B-BBEE Status as stipulated in the Claim Form in order to obtain preference points for their B-BBEE status.

Note: Failure to submit a valid and original B-BBEE certificate or a certified copy thereof at the Closing Date of this RFQ will result in a score of zero being allocated for B-BBEE.

[Refer clause 19 below for returnable Documents required]

3 Communication

Respondents are warned that a response will be liable for disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer(s) or employee of Transnet in respect of this RFQ between the closing date and the date of the award of the business.

A Respondent may, however, before the closing date and time, direct any written enquiries relating to the RFQ to the following Transnet employee:

Name: Troy Stevens

Email: troy.stevens@transnet.net

Telephone: 021 940 1892

Respondents may also, at any time after the closing date of the RFQ, communicate with Transnet Employee on any matter relating to its RFQ response:

RFQ for the Supply and delivery of [LV Panel]

Name: Iwan Theron

Telephone 021 940 1840

Email: iwan.theron@transnet.net

4 Legal Compliance

The successful Respondent shall be in full and complete compliance with any and all applicable national and local laws and regulations.

5 Changes to Quotations

Changes by the Respondent to its submission will not be considered after the closing date and time.

6 Pricing

All prices must be quoted in South African Rand on a fixed price basis, excluding VAT.

7 Prices Subject to Confirmation

Prices quoted which are subject to confirmation will not be considered.

8 Binding Offer

Any Quotation furnished pursuant to this Request shall be deemed to be an offer. Any exceptions to this statement must be clearly and specifically indicated.

9 Disclaimers

Transnet is not committed to any course of action as a result of its issuance of this RFQ and/or its receipt of a Quotation in response to it. Please note that Transnet reserves the right to:

- modify the RFQ's goods / service(s) and request Respondents to re-bid on any changes;
- reject any Quotation which does not conform to instructions and specifications which are detailed herein;
- disqualify Quotations submitted after the stated submission deadline;
- not necessarily accept the lowest priced Quotation or an alternative bid;
- reject all Quotations, if it so decides;
- place an order in connection with this Quotation at any time after the RFQ's closing date;
- award only a portion of the proposed goods / service/s which are reflected in the scope of this RFQ;
- split the award of the order/s between more than one Supplier/Service Provider should it at Transnet's discretion be more advantageous in terms of, amongst others, cost or developmental considerations ; or
- make no award at all.

Should a contract be awarded on the strength of information furnished by the Respondent, which after conclusion of the contract, is proved to have been incorrect, Transnet reserves the right to cancel the contract.

Transnet reserves the right to award business to the highest scoring bidder/s unless objective criteria justify the award to another bidder.

Transnet reserves the right to conduct Post Tender Negotiations (PTN) with selected Respondents or any number of short-listed Respondents, such PTN to include, at Transnet's discretion, any evaluation criteria listed in the RFQ document.

RFQ for the Supply and delivery of [LV Panel]

Should the preferred bidder fail to sign or commence with the contract within a reasonable period after being requested to do so, Transnet reserves the right to award the business to the next highest ranked bidder, provided that he/she is still prepared to provide the required goods at the quoted price.

10 Specification/Scope of Work

Annexure B: Drawings

Transnet urges its clients, suppliers and the general public to report any fraud or corruption to

TIP-OFFS ANONYMOUS : 0800 003 056

"PREVIEW COPY ONLY"

RFQ FOR THE SUPPLY AND DELIVERY OF: LV PANEL
CLOSING VENUE: TRANSNET PARK, ROBERT SOBUKWE ROAD, BELLVILLE
CLOSING DATE & TIME: 22 SEPTEMBER 2015 10:00AM SHARP
VALIDITY PERIOD: 7 Business Days

SECTION 2
EVALUATION CRITERIA AND RETURNABLE DOCUMENTS

1 Evaluation Criteria

Transnet will utilise the following criteria [not necessarily in this order] in choosing a Supplier/Service Provider, if so required:

Criterion/Criteria	Explanation
Administrative responsiveness	Completeness of response and returnable documents
Substantive responsiveness	Prequalification criteria, if any, must be met and whether the Bid materially complies with the scope and/or specification given.
Final weighted evaluation based on 80/20 preference point	<ul style="list-style-type: none"> • Pricing and price basis [R/m] • B-BBEE status of company - Preference points will be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table indicated in Annexure A: B-BBEE Claim Form.

2 Validity Period

Transnet desires a validity period of 30 [thirty] Business Days from the closing date of this RFQ.
 This RFQ is valid until _____.

3 Disclosure of Prices Quoted

Respondents must indicate here whether Transnet may disclose their quoted prices and conditions to other Respondents:

YES NO

4 Returnable Documents

Returnable Documents means all the documents, Sections and Annexures, as listed in the tables below.

All Returnable Sections, as indicated in the header and footer of the relevant pages, must be signed, stamped and dated by the Respondent.

a) Respondents are required to submit with their Quotations the **mandatory Returnable Documents**, as detailed below.

Failure to provide all these Mandatory Returnable Documents at the Closing Date and time of this RFQ will result in a Respondent's disqualification. Respondents are therefore urged to ensure that all these Documents are returned with their Quotations.

Please confirm submission of these mandatory Returnable Documents by so indicating [Yes or No] in the tables below:

Mandatory Returnable Documents	Submitted [Yes or No]
SECTION 3 : Quotation Form	

b) In addition to the requirements of section (a) above, Respondents are further required to submit with their Quotations the following **essential Returnable Documents** as detailed below.

Failure to provide all these Returnable Documents may result in a Respondent's disqualification. Respondents are therefore urged to ensure that all these documents are returned with their Quotations.

Essential Returnable Documents	Submitted [Yes or No]
SECTION 2 : Evaluation criteria and list of returnable documents	
- SECTION 4 : RFQ Declaration and Breach of Law Form	
- Valid and original, or a certified copy, of your entity's B-BBEE Verification Certification as per the requirements stipulated in Annexure A: B-BBEE Claims Form Note: failure to provide these required documents at the closing date and time of the RFQ will result in an automatic score of zero being allocated for preference	
- Original valid Tax Clearance Certificate [Consortia / Joint Ventures must submit a separate Tax Clearance Certificate for each party]	
ANNEXURE A – B-BBEE Preference Points Claim Form	
ANNEXURE B: Scope of work (Drawings)	

CONTINUING VALIDITY OF RETURNABLE DOCUMENTS

The successful Respondent will be required to ensure the validity of all returnable documents, including but not limited to its Tax Clearance Certificate and valid B-BBEE Verification Certificate, for the duration of any contract emanating from this RFQ. Should the Respondent be awarded the contract [**the Agreement**] and fail to present Transnet with such renewals as and when they become due, Transnet shall be entitled, in addition to any other rights and remedies that it may have in terms of the eventual Agreement, to terminate such Agreement forthwith without any liability and without prejudice to any claims which Transnet may have for damages against the Respondent.

**SECTION 3
QUOTATION FORM**

I/We _____
hereby offer to supply the goods/services at the prices quoted in the Price Schedule below, in accordance with the conditions related thereto.

I/We agree to be bound by those terms and conditions in:

- the Standard RFQ Terms and Conditions for the Supply of Goods or Services to Transnet; and
- any other standard or special conditions mentioned and/or embodied in this Request for Quotation.

I/We accept that unless Transnet should otherwise decide and so inform me/us, this Quotation [and, if any, its covering letter and any subsequent exchange of correspondence] together with Transnet's acceptance thereof shall constitute a binding contract between Transnet and me/us.

I/We further agree that if, after I/we have been notified of the acceptance of my/our Quotation, I/we fail to deliver the said goods/service/s within the delivery lead-time quoted, Transnet may, without prejudice to any other legal remedy which it may have, cancel the order and recover from me/us any expenses incurred by Transnet in calling for Quotations and/or having to accept any less favourable offer.

Price Schedule

I/We quote as follows for the Supply and Delivery of LV Panel as per drawing for delivery Belville Square Stores Cape Town, excluding VAT:

Item No	Description of Goods / Services	Unit of Measure	Quantity	Unit Price (ZAR)	Total Price (ZAR)
1	Supply and delivery of LV Panel as per attached drawing NB: REFER TO ANNEXURE B: DRAWINGS Need to be inspected by Willie Schoeman TFR Material inspector prior to delivery	EACH	1		
Total Excl. VAT					

Delivery Lead-Time from date of purchase order : _____ [days/weeks]

Notes to Pricing:

- a) All Prices must be quoted in South African Rand, exclusive of VAT

Respondent's Signature

Date & Company Stamp

- b) To facilitate like-for-like comparison bidders must submit pricing strictly in accordance with this price schedule and not utilise a different format. Deviation from this pricing schedule could result in a bid being disqualified.

Please note that should you have offered a discounted price(s), Transnet will only consider such price discount(s) in the final evaluation stage if offered on an unconditional basis.

By signing this Quotation Form the Respondent is deemed to acknowledge that he/she has made himself/herself thoroughly familiar, and agrees, with all the conditions governing this RFQ, including those contained in any printed form stated to form part hereof, including but not limited to the documents stated below and Transnet SOC Ltd will recognise no claim for relief based on an allegation that the Respondent overlooked any such condition or failed properly to take it into account for the purpose of calculating tendered prices or otherwise:

1. Specifications and drawings included in this RFQ - if applicable; and
2. The following documents all of which are available on Transnet's website or on request:
 - 2.1. General Bid Conditions;
 - 2.2. Standard RFQ Terms and Conditions for the Supply of Goods or Services to Transnet;
 - 2.3. Supplier Integrity Pact;
 - 2.4. Non-disclosure Agreement; and
 - 2.5. Vendor Application Form and all supporting documents (first time vendors only)

Alternatively, for all existing vendors please provide vendor number(s) here:

Transnet Operating Division	Unique Vendor Number	Yes / No
Transnet Group		
TFR, etc.		

In the Yes/No column above, please confirm that all the information e.g. company address and contact details, banking details etc. are still correct as at the time of allocation of the vendor number(s). Alternatively, Respondents are required to provide the updated information with their bid submission.

SIGNED at _____ on this _____ day of _____ 20__

SIGNATURE OF WITNESSES

ADDRESS OF WITNESSES

1 _____
 Name _____

2 _____
 Name _____

SIGNATURE OF RESPONDENT'S AUTHORISED REPRESENTATIVE: _____

NAME: _____

DESIGNATION: _____

SECTION 4

RFQ DECLARATION AND BREACH OF LAW FORM

NAME OF ENTITY: _____

We _____ hereby certify that:

1. Transnet has supplied and we have received appropriate responses to any/all questions [as applicable] which were submitted by ourselves for RFQ Clarification purposes;
2. we have received all information we deemed necessary for the completion of this Request for Quotation [RFQ];
3. we have been provided with sufficient access to the existing Transnet facilities/sites and any and all relevant information relevant to the Supply of the Goods as well as Transnet information and Employees, and has had sufficient time in which to conduct and perform a thorough due diligence of Transnet's operations and business requirements and assets used by Transnet. Transnet will therefore not consider or permit any pre- or post-contract verification or any related adjustments to pricing, service levels or any other provisions/conditions based on any incorrect assumptions made by the Respondent in arriving at his Bid Price.
4. at no stage have we received additional information relating to the subject matter of this RFQ from Transnet sources, other than information formally received from the designated Transnet contact(s) as nominated in the RFQ documents;
5. we are satisfied, insofar as our entity is concerned, that the processes and procedures adopted by Transnet in issuing this RFQ and the requirements requested from Bidders in responding to this RFQ have been conducted in a fair and transparent manner; and
6. furthermore, we declare that a family, business and/or social relationship **exists / does not exist** [delete as applicable] between an owner / member / director / partner / shareholder of our entity and an employee or board member of the Transnet Group including any person who may be involved in the evaluation and/or adjudication of this Bid.
7. In addition, we declare that an owner / member / director / partner / shareholder of our entity **is / is not** [delete as applicable] an employee or board member of the Transnet Group.
8. If such a relationship as indicated in paragraph 6 and/or 7 exists, the Respondent is to complete the following section:

FULL NAME OF OWNER/MEMBER/DIRECTOR/

PARTNER/SHAREHOLDER:

ADDRESS:

Indicate nature of relationship with Transnet:

[Failure to furnish complete and accurate information in this regard will lead to the disqualification of a response and may preclude a Respondent from doing future business with Transnet]

9. We declare, to the extent that we are aware or become aware of any relationship between ourselves and Transnet [other than any existing and appropriate business relationship with Transnet] which could unfairly advantage our entity in the forthcoming adjudication process, we shall notify Transnet immediately in writing of such circumstances.

BREACH OF LAW

10. We further hereby certify that *I/we have/have not been* [delete as applicable] found guilty during the preceding 5 [five] years of a serious breach of law, including but not limited to a breach of the Competition Act, 89 of 1998, by a court of law, tribunal or other administrative body. The type of breach that the Respondent is required to disclose excludes relatively minor offences or misdemeanours, e.g. traffic offences. This includes the imposition of an administrative fine or penalty.

Where found guilty of such a serious breach, please disclose:

NATURE OF BREACH:

DATE OF BREACH: _____

Furthermore, I/we acknowledge that Transnet SOC Ltd reserves the right to exclude any Respondent from the bidding process, should that person or entity have been found guilty of a serious breach of law, tribunal or regulatory obligation.

SIGNED at _____ on this _____ day of _____ 20____

For and on behalf of _____	AS WITNESS:
duly authorised hereto	
Name:	Name:
Position:	Position:
Signature:	Signature:
Date:	Registration No of Company/CC _____
Place:	Registration Name of Company/CC _____

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ANNEXURE B: SCOPE OF WORK

SEE ATTACHED SCOPE OF WORK (DRAWINGS)

"PREVIEW COPY ONLY"