



Transnet Freight Rail
A Division of
TRANSNET LIMITED
(Registration No. 1990/000900/06)

REQUEST FOR QUOTATION (“RFQ”)

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

ISSUE DATE : 13 July 2010
CLOSING DATE : 3 August 2010
CLOSING TIME : 10H00
OPTION DATE : 31 October 2010

Please note that late responses and those delivered or posted to the wrong address will be disqualified.

Respondent's Signature

Date and Company Stamp



RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

SCHEDULE OF DOCUMENTS

Section

- 1. Notice to Bidders**
- 2. Background, Overview and Scope of Requirements**
- 3. Quotation Form**
- 4. Resolution of Board of Directors (Respondent's Representative)**
- 5. Certificate of Acquaintance with RFQ Documents**
- 6. Pricing and Delivery Schedule**
- 7. General Tender Conditions (CSS5 – Services)**
- 8. Standard Terms and Conditions of Contract (US7 - Services)**
- 9. Certificate of Attendance of Information Briefing Session**
- 10. Schedule of Plant**
- 11. Minimum Communal Health Requirements (E4B)**
- 12. Safety Arrangements and Procedural Compliance (E4E)**
- 13. Specification For Works On, Over, Under Or Adjacent To Railway Lines And Near High Voltage Equipment. (E7)**
- 14. Suppliers Code Of Conduct**
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- 16. Supplier Declaration Form**
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SECTION 1

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

NOTICE TO BIDDERS

1. Quotations are requested from selected persons, companies, close corporations or enterprises (hereinafter referred to as the “**Respondent(s)**”) to supply the above-mentioned requirement to Transnet.

On or after 13 July 2010 the RFQ documents may be inspected at, and are obtainable from the office of Transnet Freight Rail Advice Centre, Inyanda House 1, Ground Floor, 21 Wellington road, Parktown, Johannesburg. A non-refundable Quotation fee of R250,00 (inclusive of Vat) is applicable per quotation. Payment is to be made to Transnet Freight Rail, Standard Bank Account number 203158598, Branch code 004805. The deposit slip must reflect RFQ; KDS80E1962-6430, and the Company Name. Receipt/s to be presented prior to collection of the RFQ/s.

NOTE 1.1 This amount is not refundable. RFQ documents will only be available until 15h00 on 21 July 2010.

2. A **compulsory** information briefing session will be conducted at Transnet Freight Rail, Boardroom of the Depot Engineer, Infrastructure Maintenance Depot, Andrew street, Nelspruit on the 22th July 2010, at 10h00.
 - Respondents failing to attend the compulsory briefing session and site visit will be disqualified.
 - Respondents without a valid RFQ document in their possession will not be allowed to attend the briefing session.
 - **The information briefing session will start punctually at 10h00 and Respondents arriving late will not be accommodated.**

For specific queries before the closing of the RFQ, the following TRANSNET Freight Rail employee(s) may be contacted by email only:

Name : Yvonne Scannell
Division : Transnet Freight Rail, (SCS) Procurement
Email : Yvonne.scannell@transnet.net

3. Quotations **in DUPLICATE** must reach The Secretary, Transnet 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	: KDS80E1962 – 6430
Description	: Replace wooden poles for 11KW three phase
Closing date and time	: 3 August 2010 at 10h00
Closing address (refer options paragraph 4 below)	

4. DELIVERY INSTRUCTIONS FOR THIS RFQ

- 4.1** **If posted**, the envelope must be addressed to The Secretary, TRANSNET Freight Rail Acquisition Council, and P.O. Box 4244, Johannesburg 2000 and must be dispatched in time for sorting by the Post Office to reach the Secretary before the closing time of the RFQ. In the event of the late receipt of a Quotation, the Respondent’s franking machine impression will not be accepted as proof that the response was posted in time.
- 4.2** **If delivered by hand**, the envelope is to be deposited in TRANSNET Freight Rail Acquisition Council tender box which is located in the foyer on the ground floor, Inyanda House 1, 21 Wellington Road, Parktown, Johannesburg and addressed as follows:

**THE SECRETARY
TRANSNET FREIGHT RAIL ACQUISITION COUNCIL
GROUND FLOOR
TENDER BOX
INYANDA HOUSE 1
21 WELLINGTON ROAD
PARKTOWN
JOHANNESBURG
2001**

The measurements of the "tender slot" are 500mm wide x 100mm high, and Respondents must please ensure that response documents or files are not 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.

It should also be noted that the above tender box is located at the main entrance and is accessible to the public 24 hours per day, 7 days a week.

- 4.3** **If dispatched by courier**, the envelope must be addressed as follows and delivered to The Secretary, TRANSNET Freight Rail and a signature obtained from that Office.

**THE SECRETARY
TRANSNET FREIGHT RAIL ACQUISITION COUNCIL
INYANDA HOUSE 1
21 WELLINGTON ROAD
PARKTOWN
JOHANNESBURG
2001**



5. Please note that this RFQ closes punctually at 10:00 on Tuesday 3 August 2010.
6. If responses are not posted or delivered as stipulated herein, such responses will not be considered and will be treated as "UNRESPONSIVE".
7. NO EMAIL OR FACSIMILE RESPONSES WILL BE CONSIDERED.
8. The responses to this RFQ will be opened as soon as practicable after the expiry of the time advertised for receiving them.
9. TRANSNET shall not, at the opening of responses, disclose to any other company any confidential details pertaining to the Quotations / information received, i.e. pricing, delivery, etc. The names and location of the Respondents will, however, be divulged to other Respondents upon request.
10. Envelopes must not contain documents relating to any RFQ other than that shown on the envelope. All envelopes must reflect the return address of the respondent on the reverse side.
11. No slips are to be attached to the response documents. Any additional conditions must be embodied in an accompanying letter. Subject only to clause 22 (ALTERATIONS MADE BY THE RESPONDENT TO RFQ PRICES) of the General RFQ Conditions, alterations, additions or deletions must not be made by the Respondent to the actual RFQ documents.

12. BROAD-BASED BLACK ECONOMIC EMPOWERMENT ("BBBEE")

TRANSNET fully endorses and supports the South African Government's Broad-Based Black Economic Empowerment Programme and it is strongly of the opinion that all business enterprises have an equal obligation to redress the imbalances of the past. TRANSNET would therefore prefer to do business with business enterprises who share these same values and who are prepared to contribute to meaningful BBBEE initiatives (including, but not limited to enterprise development, subcontracting and Joint Ventures) as part of their RFP responses.

Transnet would accordingly allow a "preference" in accordance with the 10% preference system, as per the Preferential Procurement Policy Framework Act, 5 of 2000 (as amended), to companies who provide a BBBEE Accreditation Certificate. All procurement and disposal transactions in excess of R30 000 (thirty thousand S.A. Rand) will be evaluated accordingly. All transactions below this R30 000 will, as far as possible, be set aside for Exempted Micro Enterprises (EMEs).

TRANSNET consequently urges Respondents (Large Enterprises and QSE's - see below) to have themselves duly accredited by any one of the Accreditation Agencies approved by SANAS (the South African National Accreditation Systems, under the auspices of the DTI).

In terms of Government Gazette No 32094, Notice No 354 dated 23 March 2009, as from 1 August 2009 only BBBEE Accreditation Certificates issued by SANSAS approved verification agencies will be valid.

However Accreditation Certificates issued before 23 March 2009, and which are still within their one (1) year validity period, will still be acceptable, until their expiry date provided that the accreditation was done in accordance **with the latest Codes (i.e. those promulgated on 9 February 2007)**.

BBBEE Accreditation Certificates issued after the published date i.e 23 March 2009, by a Verification Agency not approved by SANSAS, will **NOT** be acceptable as from 23 March 2009.



12.1 Enterprises will be rated by such Accreditation Agencies based on the following:

- (a) **Large Enterprises (i.e. annual turnover >R35 million):**
 - Rating level based on all 7 (seven) elements of the BBBEE scorecard
 - Enterprises to provide BBBEE certificate and detailed scorecard (to be renewed annually)
- (b) **Qualifying Small Enterprises – QSE (i.e. annual turnover between R5 million and R35 million):**
 - Rating based on any 4 (four) of the elements of the BBBEE scorecard
 - Enterprises to provide BBBEE certificate and detailed scorecard (to be renewed annually)
- (c) **Exempted Micro Enterprises – EME (i.e. annual turnover <R5 million are exempted from being rated or verified):**
 - Automatic rating of Level 4 rating, irrespective of race of ownership, i.e. 100% BBBEE recognition
 - Black ownership >50% or Black Women ownership >30% automatically qualify as Level 3 BBBEE, i.e. 110% BBBEE recognition
 - EME's should only provide documentary proof of annual turnover (i.e. audited financials) plus proof of Black ownership if Black ownership >50% or Black Women ownership >30% (to be renewed annually from their Auditors / Accounting Officers)

12.2 In addition to the above, Respondents who wish to enter into a Joint Venture (JV) or subcontract portions of the contract to BBBEE companies, must state in their RFPs the percentage, of the total contract value that would be allocated to such BBBEE companies, should they be successful in being awarded any business. A rating certificate in respect of such BBBEE JV-partners and / or subcontractor(s), as well as a breakdown of the distribution of the aforementioned percentage must also be furnished with the RFP response to enable Transnet to evaluate / adjudicate all RFPs received on a fair basis.

12.3 Each Respondent is required to furnish proof of its BBBEE status (Certificate and Detailed Scorecard) as stipulated above to TRANSNET.

<p>Turnover: Indicate your company's most recent annual turnover:</p> <p>R.....</p>
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- If annual turnover <R5m, please attach auditors / accounting officers letter confirming annual turnover and percentage black ownership as well as Black Women ownership.
- If annual turnover >R5m please attach BBBEE certificate and detailed scorecard from an accredited rated agency.



12.4 The DTI has created an online **B-BBEE Registry** (<http://www.dti.gov.za>) in order to provide a central and standardized source of the B-BBEE status of all entities, and to facilitate the flow of this information amongst entities by providing a Unique Profile Number (UPN) per each listing. Existing and prospective suppliers are therefore urged to list their B-BBEE status on the DTI Registry. Hence, entities verified by DTI, will receive the following benefits:

- Their BBEE status will be verified and confirmed by the DTI, before listing on the Registry
- Listing on the Registry will provide suppliers the option to market themselves on the DTI B-BBEE Opportunities Network. This is a search engine that is designed to help businesses find B-BBEE compliant entities who match specific requirements in terms of the nature of services/goods provided, region, B-BBEE status or other search criteria.

Transnet supports this DTI initiative and will use the DTI Registry to verify prospective and existing suppliers' BBEE credentials.

12.5 Kindly provide Transnet with your DTI B-BBEE UNIQUE PROFILE NUMBER with all RFQ submissions.

DTI BBEE UNIQUE PROFILE NUMBER:

12.6 Failure to submit your BBEE information in terms of 14.3 and/or 14.5 (above) will result in a score of zero being allocated for BBEE evaluation.

13. COMMUNICATION

Respondents are warned that a response will be liable to 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 enquiries relating to the RFQ to the TRANSNET employee as indicated in (2) above, and may also at any time after the closing date of the RFQ, communicate with the Chairperson of the TRANSNET Freight Rail Acquisition Council, at telephone no. 011 544 9486 or fax no. 011 774 9186 on any matter relating to its RFQ response.

14. RFQ SCHEDULE

Respondents will be contacted as soon as practicable with a status update. At this time short-listed Respondents may be asked to meet with TRANSNET representatives at a location to be agreed.

15 INSTRUCTIONS FOR COMPLETING THE RFQ

- (i) Sign one set of documents (sign and date the bottom of each page). This set will serve as the legal and binding copy. A duplicate set of documents is required. This second set can be a copy of the original signed Quotation.
- (ii) Both sets of documents to be submitted to the address specified above.



- (iii) The following returnable documents must accompany all Quotations:
- Respondent's latest BBBEE Certificate;
 - Respondent's valid Tax Clearance Certificate.

16. COMPLIANCE

The successful Respondent (hereinafter referred to as the “**Supplier**”) shall be in full and complete compliance with any and all applicable State and Local Laws and Regulations.

17. ADDITIONAL NOTES:

- All returnable documents as indicated in the Quotation Form (Section 3) must be returned with the response
- Respondents are to note that Quotations in which firm prices are quoted for the duration of any resulting contract may receive precedence over prices which are subject to adjustment
- Changes by the Respondent to its submission will not be considered after the closing date
- The person or persons signing the Quotation must be legally authorised by the Respondent to do so (Refer Section 4). A list of those person(s) authorised to negotiate on your behalf (if not the authorised signatories) must also be submitted along with the Quotation together with their contact details.
- All prices must be quoted in South African Rands
- TRANSNET reserves the right to undertake post-RFQ negotiations with selected Respondents or any number of short-listed Respondents and may wish to visit the Respondent's place of manufacture (works) during this process.
- All RFQ documents must be complete in full and no correction ink (Tippex) must be used.

NB: Unless otherwise expressly stated, all Quotations furnished pursuant to this Request shall be deemed to be offers. Any exceptions to this statement must be clearly and specifically indicated. TRANSNET reserves the right to reject any or all offers.

**FAILURE TO OBSERVE ANY OF THE ABOVE-MENTIONED REQUIREMENTS
MAY RESULT IN A QUOTATION BEING REJECTED**

18. DISCLAIMERS

Respondents are hereby advised that 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. In particular, please note that TRANSNET reserves the right to:

- modify the RFQ's 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
- reject all Quotations, if it so decides
- award a contract in connection with this Quotation at any time after the RFQ's closing date
- award only a portion of the proposed Services which are reflected in the scope of this RFQ
- split the award of the contract between more than one Supplier
- make no award of a contract

Kindly note that TRANSNET will not reimburse any Respondent for any preparatory costs or other work performed in connection with this Quotation, whether or not the Respondent is awarded a contract.

19. LEGAL REVIEW

Any QUOTATION submitted by a Respondent is subject to review and negotiation of the proposed contract by TRANSNET's Legal Counsel. Respondents to complete this section:

NAME OF RESPONDENT
PHYSICAL ADDRESS
.....

Respondent's contact person:	Name.....
	Designation.....
	Telephone.....
	Cell Phone.....
	Facsimile.....
	Email.....
	Website.....

“PREVIEW COPY ONLY”

**TRANSNET urges its clients, suppliers and the general public
to report any fraud or corruption
on the part of TRANSNET's employees to
TIP-OFFS ANONYMOUS : 0800 003 056**

Respondent's Signature

Date and Company Stamp



SECTION 2

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

BACKGROUND, OVERVIEW AND SCOPE OF REQUIREMENTS

1. BACKGROUND

This contract covers the supply and installation of wooden poles and insulators.

2. SCOPE OF WORK

The work shall comprise the supply and installation of wooden poles and insulators with associated carriers, to replace existing wooden poles and pin insulators on a three-phase transmission line between Kaapmuiden - Gutshwa KM 10/10 to 28/14-15 LO-44, on the Kaapmuiden to Hoedspruit / Phalaborwa railway section. The works include the resuspension of existing phase wires and recommissioning on a step-wise basis.

3. STANDARDS

- 3.1 Unless otherwise specified all material and equipment supplied shall comply with the current edition of the relevant SANS or Transnet publication where applicable.

SANS 61952:	Insulators for overhead lines - Composite line post insulators for alternative current with a nominal voltage > 1 000 V
SANS 61211:	Insulators of ceramic material or glass for overhead lines with a nominal voltage greater than 1 000 V - Impulse puncture testing in air.
SANS 60383-1:	Insulators for overhead lines with a nominal voltage above 1 000 V Part 1: Ceramic or glass insulator units for A.C.



systems - Definitions, test methods and acceptance criteria

SANS 121

Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods

The following publications are referred to in this specification:

3.2 Transnet Specifications:

CEE.0221.96 Construction of a single pole 11kV transmission line

3.3 Transnet Drawings:

CEE-PEA-6 sheet 3 Sag-Span-Temperature chart
CEE-PFA-8 Tying in of Transmission line conductors to Pin insulators.
CEE-PA- 10 Tying in of aluminium conductors with armour rods or line guards on pin Insulators.
CEE-PFD-18 Tension pole and Transmission pole 11kV Transmission line
CEE-PFA-0017 Strain Insulators
CEE-PA-99 Earthing: Transmission lines on non-electrified track.
CEE-PFD-24 Stay wire anchoring arrangement

3.4 Should there be conflict between the requirements of the Project specification and any of the above Type Specifications, the Projects specification shall take precedence.

4. TENDERING PROCEDURE

4.1 Tenderers shall complete the attached 'Schedule of quantities and prices'. Items not reflected in this Schedule, but covered in the project specification or agreed at site inspection shall be added to the 'Schedule of quantities and prices' by the Tenderer and quoted for accordingly.

4.2 Tenderers shall take note of the conductor sizes in the section involved and ensure the correct types of clamps and work procedures are tendered for. These must be established from the Technical Officer during the site inspection.



- 4.3** An addendum reflecting changes to the project specification and 'Schedule of quantities and prices' may be forwarded to Tenderers after the site inspection and -meeting and Tenderers should quote accordingly.
- 4.4** Tenderers shall provide a provisional Gantt- or a similar chart showing projected project progress, when submitting the tender. A final chart shall be submitted to the Manager or Technical Officer within 14 days after the award has been made to the successful Tenderer.
- 4.5** Tenderers shall indicate clause-by-clause compliance with the specification. This shall take the form of a separate document listing all the specifications' clause numbers indicating the individual statement of compliance or non-compliance. This document may be used by Tenderers to elaborate on their deviation.
- 4.6** A professional engineer shall design the pole planting requirements for the concrete poles offered. Tenderers must allow for the soil conditions stipulated in the Schedule of Quantities.
- 4.7** Any items offered in accordance with other standards will be considered at the sole discretion of Transnet. The tenderer shall supply the details stating where the item differs from these specifications as well as supply a copy (in English) of the recognised standard specification(s) with which it complies.
- 4.8** Tenderers shall motivate a statement of non-compliance.
- 4.9** Tenderers shall submit descriptive literature consisting of detailed technical specifications, general constructional details and principal dimensions, together with clear illustrations of the equipment offered. During the execution of the contract period, the successful Tenderer will be required to inform the Technical Officer of changes to equipment offered and submit detailed information on replacement equipment for approval prior to it being used on this contract.
- 4.10** Tenderers shall submit a schedule of qualifications of the staff that will be performing the works. Qualified technical personnel shall perform the works on the electrical equipment or installations. During the execution of the contract, the successful Tenderer will be required to inform the Technical Officer of any staff changes and provide the qualifications of the replacement staff for approval.



- 4.11** Tenderers shall submit a “Schedule of Qualifications” of the staff that will be performing the work. Only qualified technical personnel shall perform the works on the electrical equipment or installations. Competence of on-site staff in terms of (i) generic skill, (ii) qualification and (iii) experience, must be stated for the following workers:
- 4.11.1** Responsible person(s) who must provide supervision of workers in terms of E7, E4E and act 85.
- 4.11.2** Workers with erector- or linesman competencies for the handling and erection of structures, steelwork and overhead wires under tensional force.
- 4.11.3** Transnet authorization held (if any) such as Category-C, stating the period of validity, which is 2 years after date of issue.
- 4.12** Tenderers shall note the following competency requirements:
- 4.12.1** A letter of competence for the responsible person(s) in charge of site supervision may be acquired at Transnet’s Esselen Park training centre and involves the successful completion of a training module with a written test, presented over two days. It is valid for 2 years.
- 4.12.2** Transnet authorization Category-C is required of any person who works on electrification equipment near (within 3-m of) “live” equipment. A Category-C authority certificate is issued on the successful completion of a training module and written test to persons who are qualified riggers, -erectors and -linesmen. The training module is presented over four days.
- 4.12.3** Training mentioned above is for the account of the contractor and must be directly arranged with the Esselen Park Training Centre at telephone 011 929 1571 or per facsimile 011 929 1229.
- 4.12.4** The Tenderer shall allow for the provision of flagmen to warn train drivers of work-teams on the line, one flagmen positioned 1.5-km from the work site on all railway lines approaching the work-site. Once-off training will be provided by Transnet free of charge, requires a minimum of 4 working days and understanding of English or Afrikaans by the candidate.
- 4.12.5** Safety awareness training for the railway environment is required for all workers who will work in the vicinity of the railway line. This is done once off by Transnet free of Charge, and is thereafter the responsibility of the Contractor.



- 4.13** During the execution of the contract, the Contractor will be required to inform the Technical Officer of any staff changes and provide the qualifications of the replacement staff for approval.

5. EXTENT AND DETAIL OF WORK

5.1 Summary of works

- 5.1.1** Transnet requires the rehabilitation of a stand-alone wooden pole transmission line between Kaapmuiden and Gutshwa to Specification CEE-221 and the applicable clauses of Specification CEE-221. The line is build adjacent to a railway line electrified at 3kV DC and has 40-mm² ACSR phase wire.

5.1.2 The work shall include

- 5.1.2.1** The supply and installation of wooden poles to replace the existing wooden poles.

- 5.1.2.2** The supply and installation of vandal resistant Class A line post insulators and associated mountings, as well as disc insulators at terminating and deviation structures.

- 5.1.1.3** The supply and install back-guys at terminating and deviating structures.

- 5.1.1.4** The untying of the existing three phase conductors from the old structures and then re-suspension, sagging and tensioning onto the new structures.

- 5.1.1.5** The supply and install the line guards at all suspension points.

- 5.1.1.6** Commissioning and testing shall be ongoing as the line must be in service after cancellation of each permit.

5.2 Requirements for poles

- 5.2.1** The Contractor shall supply wooden poles to the relevant SANS specification stipulated in Specification CEE-221 and install them to the approved design requirements.

- 5.2.2** The pole shall be wrapped over the bottom 1,2m with a 1,6mm thick zinc coated steel plate which is bandit strapped to the pole.

- 5.2.3** The Contractor shall present the foundation requirements as approved by a Registered Professional Engineer to the Technical Officer before installation commences. Design requirements must meet the angular deflections stated in Specification CEE-221.

- 5.2.4** The transmission line shall be designed using 10-m poles, but where necessitated by crossings of surface irregularities, to maintain clearances 11-m or 12-m poles shall be used. The existing span lengths shall be used.

- 5.2.5** The Contractor shall excavate the holes according to Specification CEE-221. The exact location of the new excavated holes shall be pointed out by the Transnet site representative, per pole.

- 5.2.6** The contractor shall dismantle the wooden poles from a depth 100-mm below ground level and transport it to Transnet's Infrastructure Depot in Nelspruit.

- 5.2.7** The requirements for the supply of prestressed poles are as per Specification CEE-221, which indicate dimensions and loading.

- 5.2.8** Tension masts shall be oriented to absorb tension in the direction of the stay wires.



5.3 Supply of insulators

- 5.3.1 The Contractor shall supply and install vandal resistant Class A line post insulators.
- 5.3.2 The post type insulators shall be 11 kV 50Hz AC Silicon with cantilever load rating to SANS 61952. Safe cantilever load (SCL) shall be equal or better than 5-kN. The associated steel components shall be galvanized to SANS 121. Only Transnet-approved insulators such as the Silicosil-Post Insulator distributed by Hardware Assemblies shall be supplied.
- 5.3.2 Disk insulators with clevis and tongue fastening shall be to SANS 61211 and SANS 60383-1.

5.4 Installation of phase wires

- 5.4.1 The Contractor shall untie the existing three phase-conductors from the existing wooden poles and re-suspend them on the new insulators. Sag and Tensioning of the conductors shall be done as shown in CEE-PEA-6 sheet 3.
- 5.4.2 Armour rods and line guards shall be of the preformed type suitable for the 40-mm² ACSR conductors and of the same material as the conductor, and shall be supplied and installed at all suspension points. The armour rods and line guards shall be situated symmetrically with respect to the insulator.
- 5.4.3 The tying of insulators shall be done according to drawing CEE-PFA-8. Where armour rods or line guards are installed it shall be done to CEE-PA-10.

6. CONSTRUCTION LIMITATIONS

- 6.1 To minimize outage time the Contractor shall excavate all the holes first before commencing with erecting, for which a work permit shall required.
- 6.2 The electrified lines adjacent to the transmission line must be treated as “live” during work permits on the transmission line, and the contractor shall observe the requirements of specification E7/1 in this regard, notably with regard to the use of auger machinery.
- 6.3 The contractor shall consult with the Transnet representative to ascertain the requirements for work permits on the 3kV equipment
- 6.4 The Contractor shall observe safety clearances of overhead line crossings of other Utilities such as that at Mast Locations 2/6 and 2/19.
- 6.5 The Contractor shall provide an installation program detailing the sections, by mast location, where he will work on a daily basis. This schedule will form the daily requirements of single line permits and if necessary, occupations. Occupations are approved 21 days before it is granted, and the Contractor must provide the information a further 3 weeks before this notice period. Where the Contractor is delayed due to permits or occupations not being granted, this shall be recorded in the site diary.
- 6.6 Work must be planned to complete a full installation during a permit so that the power can be switched on at the end of each permit.
- 6.7 The Contractor must make allowance for inclement weather and keep a record of rain fall. No claims for extension will be entertained for abnormal rainfall if no verified records are offered.



6.8 Departments of Transnet and other Contractors may be working within the confines of the Contract site and general surrounding area during the course of the contract. The Contractor must make reasonable allowance in the rates for such interference.

7. TESTING OF THE INSTALLATION

7.1 The Contractor in the presence of the Technical Officer shall carry out testing of the installation and all results shall be submitted in writing to the Technical Officer, for the approval. The transmission line shall be tested as stipulated in CEE-221.

8. QUALITY

8.1 All fasteners on steelwork, components and electrical connections (nuts and bolts) shall be secured using flat as well as lock washers.

9. ENVIRONMENT

9.1 The Contractor shall not cause environmental pollution in the execution of the works, and shall be responsible for rehabilitation of ground should any such pollution occur.

10. CONTRACTUAL OBLIGATIONS

10.1 Over and above the conditions mentioned in the General Conditions of Contract, the Contractor shall also be responsible for the conditions mentioned hereunder.

10.2 The Contractor shall not make use of any subcontractor to perform the works or parts thereof without prior permission from the Manager or Technical Officer.

10.3 The Contractor shall ensure that a responsible person is on site at all times. All safety measures prescribed by Transnet – Electrical Safety Instructions and the “Occupational Health and Safety Act 1993 (Act 85 of 1993)” associated with working on a project of this nature shall be adhered to.

10.4 The Contractor shall ensure that his staff is properly trained and qualified to perform the work and they are aware of all relevant safety regulations that should be adhered to.



- 10.5 The Contractor shall supply a site diary book (with triplicate pages). This book shall be used to record any unusual events during the period of the work. Any delays to the work shall also be recorded such as delays caused by poor weather conditions, delays caused by permits being cancelled etc. The appointed Manager or Technical Officer must countersign such delays. Other delays such as non-availability of equipment from 3rd party suppliers must be communicated to the Manager or Technical Officer in writing.
- 10.6 The Contractor shall supply a site instruction book (with triplicate pages). This book shall be used to record any instructions to the Contractor regarding problems encountered on site – for example the quality of work or the placement of equipment. This book shall be filled in by the Manager or Technical Officer and must be countersigned by the Contractor.
- 10.7 Both books mentioned above shall be the property of Transnet and shall be handed over to the Manager or Technical Officer on the day of handing over.
- 10.8 Supply all material as stipulated in the contract.

11. INSTALLATION

- 11.1 The Contractor shall be responsible for the transport to site, off-loading, handling, storage and security of all material required for the construction/execution of the works as well as for reclaimed material from site to the Infrastructure depot.

12. WORK TO BE DONE BY TRANSNET

- 12.1 Transnet shall have an officer available for issuing of work permits.
- 12.2 Any drawings and information required by the Contractor but not included with this specification shall be furnished on request.
- 12.3 All enquiries by the contractor on any item not included in this specification must be referred to the Technical Officer.



13. GUARANTEE AND DEFECTS

- 13.1 The Contractor shall be issued with a completion certificate with the list of all defects to be repaired within 14 working days after commissioning.
- 13.2 For further guarantee requirements refer to Specification CEE.0221.96

14. GENERAL INFORMATION

The service provider(s) shall be fully responsible to TRANSNET for the acts and omissions of persons directly or indirectly employed by them.

The service provider(s) must provide the identified information requested and comply with the requirements stated in the RFQ.

15. EXCHANGE AND REMITTANCE

The attention of the Respondents is specially directed to clause 7 (*Exchange and Remittance*) of the General RFQ Conditions Form CSS5. The Respondent is also to note that the particulars of the exchange rate on which the Respondent has based its RFQed price(s), is/are to be stipulated hereunder only if Transnet is requested by the Respondent to effect payment overseas direct to the Respondent's principal/supplier.

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(a) ZAR1.00 (South African currency) being equal to (foreign currency).
.....% in relation to RFQed price(s) (.....) to be remitted overseas by Transnet.

(b) (Name of country to which payment is to be made)

(c) Beneficiary details :
Name (Account holder)
Bank (Name and branch code).....



Swift code	
Country	
(d) (Applicable date of Exchange Rate used)	

16. NATIONAL RAILWAY SAFETY REGULATOR ACT

In compliance with the **National Railway Safety Regulator Act, 16 of 2002**, the successful Respondent (the “Supplier”) shall ensure that the Services to be supplied to Transnet, under the terms and conditions of a contract between the parties, comply fully with the specifications as set forth in this RFP, and shall thereby adhere to railway safety requirements and/or regulations. Permission for the engagement of a subcontractor by the Supplier, as applicable, both initially and during the course of a contract, shall be subject to a review of the capability of the proposed subcontractor to comply with the specified railway safety requirements and/or regulations. The Supplier and/or its subcontractor shall grant Transnet access, during the term of the contract, to review any safety-related activities, including the coordination of such activities across all parts of the organization.

Accepted:

YES		NO	
-----	--	----	--

17. RISK

Respondents must elaborate on the control measures put in place by their company, which mitigate the risk to Transnet, pertaining to potential non-performance by a Supplier in relation to -

(i) quality of the Service(s) provided:

.....

.....

.....

.....

(ii) continuity of provision of the Service(s) (refer clause 6.9 of Form US7)::

.....

.....

.....



(iii) compliance with the Occupational Health and Safety Act, 85 of 1993 (refer clause 8.1(f) of Form US7)

.....

.....

.....

.....

(iv) compliance with the National Railway Safety Regulator Act, 16 of 2002 (refer clause 16 above)

.....

.....

.....

18. REFERENCES

Please indicate below the company names and contact details of existing customers whom Transnet may contact to seek third party evaluations of your current service levels:

Company Name	Nature of work	Value of work	Contact person	Contact details	Year completed

19. EVALUATION CRITERIA

 Respondent's Signature

 Date and Company Stamp



TRANSNET will utilise the following criteria (not necessarily in this order) in choosing a Supplier, if so required:

- Pricing (fees) - Whilst not the sole factor for consideration, competitive pricing will be critical in indicating how much you value TRANSNET's business
- Compliance – Completeness of your responses and content of the Quotation will be considered
- Previous performance/Track record/Experience
- BBBEE status of company
- Plant/Equipment available

20. PERFORMANCE MONITORING AND EVALUATION:

20.1 The service provider (s) shall at all times be responsible for supervision of work and for follow up inspections to monitor the successful service rendered. He / she shall immediately take appropriate remedial action in areas where the specified standards of control are not achieved.

20.2 The Manager (or his deputy) shall at any time during the contract period carry out inspections of the service provider (s) performance methods and procedures.

21. MEASUREMENT AND PAYMENT:

21.1 Payment will be done in terms of clause 10.4 of the standard terms and conditions of US7 ~ services

21.2 Payment will be done after receiving the tax invoice and a full detail list of all work done. The technical officer from Transnet Freight Rail will certify on the invoice that all work was done according to the contract.

21.3 Any rejected work will not be paid for.

22. DAMAGE TO TRANSNET LIMITED PROPERTY: (REFER TO CLAUSE 14 OF US7 ~ SERVICES)

The successful respondent shall be liable to make good any damage which may be caused to Transnet Limited Property by their servants or agents whilst upon Transnet Limited premises, whether or not such damage is due to negligence on the part of such servants or agents and the successful respondent shall



and hereby do further indemnify Transnet Limited against liability for any loss of or damage to property whether belonging to them, their servants or agents or any third party, or for the death of or injury to any person, which may either directly or indirectly be caused by or arise out of the service.

23. INDEMNITY CLAUSE:

Transnet will not be held responsible for any losses and / or injuries suffered by the Contractor while rendering the service, which may result from whatever nature.

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SECTION 3

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

QUOTATION FORM

I/We _____
(name of company, close corporation or partnership)

_____ of (full address)

carrying on business under style or title of

represented by _____

in my capacity as _____

being duly authorised thereto by a Resolution of the Board of Directors or Members or Certificate of Partners, as the case may be, dated _____ a certified copy of which is annexed hereto, hereby offer to supply the above-mentioned Services at the prices quoted in the schedule of prices in accordance with the terms set forth in the accompanying letter(s) reference _____ and dated _____ (if any) and the documents listed in the accompanying schedule of RFQ documents.

I/We agree to be bound by those conditions in TRANSNET's :

- (i) Standard Terms and Conditions of Contract, Form No. US7 - Services (revised August 2008);
- (ii) General RFQ Conditions, Form CSS5 – Services (revised August 2008); and
- (iii) any other standard or special conditions mentioned and/or embodied in the Request for Quotation form; and;-

Respondent's Signature

Date and Company Stamp



I/We accept that unless TRANSNET should otherwise decide and so inform me/us in the facsimile or letter of acceptance, 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.

Should TRANSNET decide that a formal contract should be signed and so inform me/us in the facsimile or letter of acceptance, this Quotation (and, if any, its covering letter and any subsequent exchange of correspondence) together with TRANSNET's letter of acceptance, shall constitute a binding contract between TRANSNET and me/us until the formal contract is signed.

I/We further agree that if, after I/we have been notified of the acceptance of my/our Quotation, I/we fail to enter into a formal contract if called upon to do so, or fail to commence the service, within 4 (four) weeks, TRANSNET may, without prejudice to any other legal remedy which it may have, recover from me/us any expense to which it may have been put in calling for Quotations afresh and/or having to accept any less favourable Quotation.

I/We accept that any contract resulting from this offer will be for a period of _____ only; and agree to a penalty clause to be negotiated with TRANSNET, which will allow TRANSNET to invoke a penalty (details to be negotiated) against us should the delivery of the Services be delayed due to non-performance by us.

The law of the Republic of South Africa shall govern the contract created by the acceptance of this RFQ. The *domicillium citandi et executandi* shall be a place in the Republic of South Africa to be specified by the Respondent hereunder, at which all legal documents may be served on the Respondent who shall agree to submit to the jurisdiction of the courts of the Republic of South Africa. Foreign Respondents shall, therefore, state hereunder, the name of their accredited agent in the Republic of South Africa who is empowered to sign any contract which may have to be entered into in the event of their Quotation being accepted and to act on their behalf in all matters relating to the contract.

Respondent to indicate *domicillium citandi et executandi* hereunder:

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NOTIFICATION OF AWARD OF RFQ

As soon as possible after approval to award the contract/s, the successful Respondent (the Supplier) will be informed of the acceptance of its Quotation. Unsuccessful Respondents will be advised in writing of the name of the successful Supplier and the reason as to why their Quotations have been unsuccessful, for example, in the category of price, deliverables, quality, BBBEE status or for any other reason.



VALIDITY PERIOD

TRANSNET desires a validity period of 4 (four) months (from closing date) against this RFQ. It should be noted that Respondents may offer an earlier validity period, but that their Quotations may be disregarded for that reason. Should Respondents be unable to comply with this validity period, an alternative validity period must be stated hereunder:

This RFQ is valid until _____ (State alternative validity period/date).

TAX (VAT) REGISTRATION NUMBER

The Respondent must state hereunder the tax registration number which is applicable to Value-Added Tax:

TAX CLEARANCE CERTIFICATE

Respondents are required to forward a valid copy of their company's Tax Clearance Certificate with their Quotation.

Indicate tax clearance certificate expiry date: _____

BANKING DETAILS

BANK: _____

BRANCH NAME / CODE: _____

ACCOUNT HOLDER: _____

ACCOUNT NUMBER: _____

NAME(S) AND ADDRESS / ADDRESSES OF DIRECTOR(S) OR MEMBER(S)

The Respondent must disclose hereunder the full name(s) and address(s) of the director(s) or members of the company or close corporation (C.C.) on whose behalf the Quotation is submitted.

(i) Registration number of company / C.C.

(ii) Registered name of company / C.C.

(iii) Full name(s) of director/member(s) Address/Addresses ID Number/s



Respondent's Signature

Date and Company Stamp



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

REGISTRATION CERTIFICATE

Respondents must submit a certified copy of their company's Registration Certificate with their Quotation.

NAME AND ADDRESS OF ACCREDITED AGENT

Provide hereunder, if applicable, details of the accredited agent in the Republic of South Africa appointed as local representative by foreign Respondents and whose address shall be regarded as the Respondent's domicilium citandi et executandi in terms of the Standard Terms and Conditions of Contract, US7 – Services (revised August 2008).

Name
Address

CONFIDENTIALITY

All information related to a subsequent contract, both during and after completion, is to be treated with strict confidence. Should the need however arise to divulge any information gleaned from provision of the Service(s), which is either directly or indirectly related to TRANSNET's business, written approval to divulge such information will have to be obtained from TRANSNET.

Respondent's Signature

Date and Company Stamp



DISCLOSURE OF PRICES TENDERED

Respondents must indicate here **whether TRANSNET may disclose** their tendered prices and conditions to other Respondents:

YES		NO	
-----	--	----	--

DECLARATION

Respondents to declare hereunder whether any family and/or direct relationship exists between any of the owners / members / directors / partners / shareholders (unlisted companies) of the responding company and any employee or board member of the TRANSNET Group:

YES		NO	
-----	--	----	--

If YES, please indicate below:

FULL NAME OF OWNER/MEMBER/DIRECTOR/
PARTNER/SHAREHOLDER

ADDRESS

Indicate nature of relationship (if any):

(Failure to furnish complete and accurate information in this regard may lead to the disqualification of a response and may preclude a Respondent from future business with TRANSNET)

PRICE REVIEW

The successful Respondent(s) will be obliged to submit to an annual price review. TRANSNET will be benchmarking this price offering(s) against the lowest price received as per the benchmarking exercise. If the Respondent's price(s) is/are found to be higher than the benchmarked price(s), then the Respondent shall match or better such price(s) within 30 days - failing which the Contract may be terminated at TRANSNET's discretion or the particular Service(s) purchased outside the contract.

Respondent's Signature

Date and Company Stamp



RETURABLE DOCUMENTS

Respondents are required to submit the following returnable documents with their responses:

- Notice to Bidders – Section 1**
- Background overview – Section 2**
- Quotation Form – Section 3**
- Resolution of Board of Directors (Respondent’s Representative) - Section 4**
- Certificate of Acquaintance with RFQ Documents – Section 5**
- Schedule of Rates - Section 6**
- General Tender Conditions - Form CSS5 – Section 7**
- Conditions of Contract - Form US7 – Section 8**
- Certificate of attendance of Information Briefing – Section 9**
- Schedule of Plant and Equipment – Section 10**
- E4B – Minimum Health Requirements – Section 11**
- E4E – Safety arrangements and Procedural compliance – Section 12**
- Specification For Works on, Over, under or adjacent to railway lines and near high Voltage equipment – Section 13**
- Supplier code of conducts – Section 14**
- Schedule of quantities – Section 15**
- Supplier Declaration Form – Section 16**
- Non-Disclosure Agreement – Section 17**
- Copy of cancelled cheque or letter from the bank verifying banking details (with bank stamp)**
- Certified Copy of Identity document of Shareholders/Directors/Members (where applicable)**
- Copy of Certificate of Incorporation and CM29/ and C/CK2 (if CC)**
- Certified Copy of Share Certificates of Shareholders, CK1**
- A Letter with the company’s letterhead confirming physical and postal addresses**
- Original or certified copy of SARS Tax Clearance Certificate and VAT registration certificate**
- A Signed letter from the Auditor/Accountant confirming most recent annual turnover percentage black ownership in the company AND/OR BBBEE certificate and credit scorecard from an accredited rating agency (ABVA Member)**
- Letter of Good Standing with the Compensation Commissioner**

NOTE: Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 and 17 as indicated in the footer of each page, must be signed and dated by the Respondent.

Respondent’s Signature

Date and Company Stamp



By signing the RFQ documents, the Respondent is deemed to acknowledge that he / she has made himself / herself thoroughly familiar with all the conditions governing this RFQ, including those contained in any printed form stated to form part hereof and Transnet Limited will recognize 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.

SIGNED a _____ this _____ day of _____ 2010.

SIGNATURE OF WITNESSES:

ADDRESS OF WITNESSES:

1. _____

1. _____

2. _____

2. _____

SIGNATURE OF RESPONDENT'S AUTHORISED REPRESENTATIVE:

NAME: _____

DESIGNATION: _____

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SECTION 4

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

SIGNING POWER : RESOLUTION OF BOARD OF DIRECTORS

Name of Company _____

It was resolved at a meeting of the Board of Directors held on _____ that

FULL NAME(S)	CAPACITY	SIGNATURE
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

in his/her capacity as indicated above is/are hereby authorised to enter into, sign, execute and complete any documents relating to RFQs, Quotations and/or Contracts for the supply of Services.

FULL NAME _____

SIGNATURE CHAIRMAN

FULL NAME _____

SIGNATURE SECRETARY

Respondent's Signature

Date and Company Stamp



SECTION 5

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

CERTIFICATE OF ACQUAINTANCE WITH RFQ DOCUMENTS

NAME OF COMPANY: _____

I/We _____ do

hereby certify that I/we acquainted myself/ourselves with all the documentation comprising this RFQ and all conditions contained therein, as laid down by Transnet Limited for the carrying out of the proposed supply/service/works for which I/we submitted my/our response.

I/We furthermore agree that Transnet Limited shall recognize no claim from me/us for relief based on an allegation that I/we overlooked any RFQ/contract condition or failed to take it into account for the purpose of calculating my/our offered prices or otherwise.

SIGNED at _____ on this _____ day of _____ 2010

WITNESS : _____

SIGNATURE OF RESPONDENT



SECTION 6

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

PRICING AND DELIVERY SCHEDULE

	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.	Supply and Install wooden pole	-	-	-	-
1.1	11-m	200	each		
1.2	12-m	1	each		Rate only
1.3	13-m	1	each		Rate only
2	Supply and Install wooden brace poles	6	each		
3.	Supply and install vandal resistant class A line post insulators and associated mountings.	600	each		
4.	Supply and install line guards	600	each		
5	Supply and install earth wire make-offs	12	each		
6	Re-suspend phase wires on insulators.	600	each		
7	Re-terminate phase wires on strain clamps.	78	each		
8	Supply and install disk insulators to BBB1158, Strain clamps and associated steel mountings at tensioning arrangements to CEE-PFD-18	78	each		
9	Supply and install stay wires with strain insulators to CEE-PFA-17.	12	each		
10	Supply and install wrap on tension splice for phase wire. (Provisional)	1	each		Rate only
11.	Contingency (20% of items 1, 2, 3, 4, 5, 6) (amount to allow for additional that may be ordered by the contract manager, i.e. not a bill item)	1	item		



	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
12.	Preliminary and General		item		
13.	Preliminary and General rate additional per day for work demanding Weekends and public holidays		item		Rate only
14.	Supply and install 1,2 m X 1.6 mm thick zinc coated steel plate bandit strapped to pole	208	each		
15.	Other (Specify)				
	Sub-Total			R	
	Vat			R	
	Grand-Total			R	

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 Respondent's Signature

 Date and Company Stamp



SECTION 7

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

GENERAL TENDER CONDITIONS - SERVICES

Refer Form CSS5 attached hereto.

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Respondent's Signature

Date and Company Stamp



SECTION 8

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

STANDARD TERMS AND CONDITIONS OF CONTRACT
FOR THE SUPPLY OF SERVICES TO TRANSNET

Refer Form US7 attached hereto.

Respondents should note the obligations as set out in Clause 19 of the General Tender Conditions (Section 7) which reads as follows:

“The Supplier shall adhere to the Standard Terms and Conditions of Contract as set out in Form US7 - Services), a copy of which is attached hereto. Should the Respondent find any conditions unacceptable, it should indicate which conditions are unacceptable and offer an alternative. Please note that any alternative offered shall be compared with acceptance of the Form US7 conditions or alternatives offered by other Respondents.”



SECTION 9

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

CERTIFICATE OF ATTENDANCE OF INFORMATION BRIEFING SESSION

It is hereby certified that -

1.
2.

Representative(s) of
(name of company)

attended the briefing session in respect of the proposed Service(s) to be rendered in terms of this RFQ on
..... 2010.

.....
TRANSNET REPRESENTATIVE

.....
RESPONDENT'S REPRESENTATIVE

DATE:

DATE:

Respondents Signature

Date & Company Stamp



SECTION 10

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

SCHEDULE OF PLANT

Schedule of major plant and equipment to be used in the execution of this contract in terms of the Contract Conditions and specifications. The respondent must state which plant is immediately available and which will have to be acquired.

(i) Plant immediately available for work tendered for :

(ii) Plant on order and which will be available for work tendered for :

(iii) Plant to be acquired for the work tendered for :

“PREVIEW COPY ONLY”

Respondents Signature

Date & Company Stamp



SECTION 11

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

MINIMUM COMMUNAL HEALTH REQUIREMENTS

Refer Form E4B attached hereto.

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Respondents Signature

Date & Company Stamp



SECTION 12

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

SAFETY ARRANGEMENTS AND PROCEDURAL COMPLIANCE

Refer Form E4E attached hereto.

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Respondents Signature

Date & Company Stamp



SECTION 13

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

Specification For Works On, Over, Under Or Adjacent To Railway Lines
And Near High Voltage Equipment. (E7)

Refer Form E7 attached hereto.

“PREVIEW COPY ONLY”

Respondents Signature

Date & Company Stamp



SECTION 14

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

Suppliers Code Of Conduct

Refer to Annexure attached hereto.

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Respondents Signature

Date & Company Stamp



SECTION 15

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

Schedule of Quantities

**REPLACED WOODEN POLES KMG A –GUTSHWA KM 10/10
 TO 28/14-15 LO-44**

SCHEDULE OF QUANTITIES

		200	6	66	12	600	78	78	12
	Loc No	Wooden Pole Qty	Wooden Brace Pole	Back Eye Qty	Make-off	Pin Insulator Qty	Disc Insulator Qty	Make-off Fitting-Qty	Make-off Earthwire
1	10/10	1				3			
2	10/11	1				3			
3	10/12	1				3			
4	10/13-14	1				3			
5	10/14-15	1				3			
6	10/15-11/1	1				3			
7	11/1-2	1				3			
8	11/2-3	1				3			
9	11/3-4	1				3			
10	11/4-5	1				3			
11	11/5-6	1		2	1	3	6	6	
12	11/6-7	1				3			
13	11/8-9	1		1		3			
14	11/10	1		1		3			
15	11/11-12	1		1		3			
16	11/12-	1				3			

Respondents Signature _____

Date & Company Stamp _____



	13							
17	11/14	1		1		3		
18	11/15-16	1				3		
19	11/16-17	1		1		3		
20	11/18-19	1				3		
21	12/2-3	1	1			3		
22	12/3-4	1				3		
23	12/5-6	1		1		3		
24	12/7-8	1				3		
25	12/9-10	1	1			3		
26	12/11	1				3		
27	12/12	1				3		
28	12/15	1				3		
29	12/16-17	1				3		
30	12/17-13/1	1				3		
31	13/2	1				3		
32	13/3-4	1				3		
33	13/4-5	1				3		
34	13/6-7	1	1			3		
35	13/7-8	1				3		
36	13/9-10	1		1		3		
37	13/10-11	1				3		
38	13/12-13	1				3		
39	13/13-14	1				3		
40	13/15	1				3		
41	13/16-17	1		1		3		
42	14/1-2	1				3		
43	14/3-4	1		1		3		
44	14/5-6	1		1		3		
45	14/7-8	1		1		3		
46	14/10-11	1		1		3		
47	14/12-13	1		1		3		
48	14/14-15	1				3		
49	14/15-	1		1		3		

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Respondents Signature

Date & Company Stamp



	16								
50	14/16-17	1				3			
51	14/17-18	1				3			
52	14/18-19	1		2	1	3	6	6	
53	14/20-15/1	1				3			
54	15/1-2	1				3			
55	15/3-4	1		1		3			
56	15/4-5	1				3			
57	15/6	1		1		3			
58	15/7-8	1				3			
59	15/8-9	1		1		3			
60	15/10-11	1				3			
61	15/11-12	1				3			
62	15/12-13	1				3			
63	15/15-16/1	1				3			
64	16/1-2	1		1		3			
65	16/3-4	1				3			
66	16/4-5	1				3			
67	16/5-6	1				3			
68	16/7-8	1				3			
69	16/8-9	1				3			
70	16/10	1				3			
71	16/11-12	1				3			
72	16/12-13	1				3			
73	16/14-15	1				3			
74	16/15-17/1	1		3	1	3	6	6	2
75	17/6-7	1		3	1	3	6	6	2
76	17/7-8	1				3			
77	17/9-10	1				3			
78	17/10-11	1				3			
79	17/11-12	1				3			
80	17/14-15	1				3			

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Respondents Signature

Date & Company Stamp



81	17/15-18/1	1				3			
82	18/1-2	1				3			
83	18/3	1				3			
84	18/4-5	1				3			
85	18/5-6	1				3			
86	18/7-8	1				3			
87	18/8-9	1				3			
88	18/9-10	1				3			
89	18/11-12	1				3			
90	18/12-13	1				3			
91	18/13-14	1				3			
92	18/15-19/1	1				3			
93	19/1-2	1				3			
94	19/3	1				3			
95	19/4-5	1				3			
96	19/5-6	1				3			
97	19/7	1		2	1	3	6	6	
98	19/8-9	1		1		3			
99	19/9-10	1		1		3			
100	19/11-12	1				3			
101	19/12-13	1		1		3			
102	19/15-20/1	1		1		3			
103	20/1-2	1				3			
104	20/2-3	1		1		3			
105	20/4-5	1				3			
106	20/5-6	1				3			
107	20/7	1				3			
108	20/8-9	1				3			
109	20/9-10	1				3			
110	20/11-12	1				3			
111	20/12-13	1				3			
112	20/13-14	1				3			
113	20/15-16	1				3			
114	21/1	1				3			

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Respondents Signature

Date & Company Stamp



115	21/2	1		3	1	3	6	6	2
116	21/9	1		3	1	3	6	6	2
117	21/9-10	1		1		3			
118	21/11-12	1				3			
119	21/12-13	1				3			
120	21/13-14	1				3			
121	21/14-15	1				3			
122	21/16-22/1	1				3			
123	22/2	1				3			
124	22/5	1				3			
125	22/6-7	1				3			
126	22/7-8	1				3			
127	22/8-9	1				3			
128	22/9-10	1				3			
129	22/11-12	1				3			
130	22/12-13	1				3			
131	22/13-14	1				3			
132	22/15-16	1				3			
133	23/1-2	1				3			
134	23/3	1		2	1	3	6	6	
135	23/4-5	1				3			
136	23/5-6	1				3			
137	23/7-8	1				3			
138	23/8-9	1		1		3			
139	23/10-11	1		1		3			
140	23/11-12	1				3			
141	23/13-14	1		1		3			
142	23/15-16	1				3			
143	23/17-18	1		1		3			
144	23/18-24/1	1				3			
145	24/2-3	1	1			3			
146	24/4-5	1	1			3			

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147	24/5-6	1				3		
148	24/7-8	1				3		
149	24/9-10	1	1			3		
150	24/10-11	1				3		
151	24/12-13	1		2	1	3	6	6
152	24/13-14	1		1		3		
153	24/15-16	1				3		
154	24/17-18	1				3		
155	24/18-19	1				3		
156	24/20-25/1	1				3		
157	25/1-2	1				3		
158	25/2-3	1				3		
159	25/5-6	1				3		
160	25/6-7	1				3		
161	25/7-8	1				3		
162	25/8-9	1				3		
163	25/9-10	1				3		
164	25/11-12	1		1	1	3		
165	25/13	1		2	1	3	6	6
166	25/14	1				3		
167	25/15-16	1				3		
168	25/16-17	1				3		
169	26/1-2	1				3		
170	26/2-3	1				3		
171	26/3-4	1				3		
172	26/5-6	1				3		
173	26/6-7	1				3		
174	26/8	1				3		
175	26/9-10	1				3		
176	26/11-12	1				3		
177	26/12-13	1		1		3		
178	26/13-14	1				3		
179	26/15-16	1		1		3		

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180	26/16-27/1	1				3			
181	27/2-3	1		1		3			
182	27/3-4	1				3			
183	27/5-6	1		1		3			
184	27/6-7	1		3		3	6	6	2
185	27/11	1		3		3	6	6	2
186	27/12-13	1				3			
187	27/13-14	1				3			
188	27/15-16	1				3			
189	27/16-28/1	1				3			
190	28/1-2	1				3			
191	28/3-4	1				3			
192	28-4-5	1				3			
193	28-5-6	1				3			
194	28/7-8	1				3			
195	28/8-9	1				3			
196	28-10	1				3			
197	28/11-12	1				3			
198	28/12-13	1				3			
199	28/13-14	1		2	1	3	6	6	
200	28/14-15	1				3			
Total Qty		200	6	66	12	600	78	78	12

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Respondents Signature

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SECTION 16

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

Supplier Declaration Form

Refer to Annexure attached hereto.

“PREVIEW COPY ONLY”

Respondents Signature

Date & Company Stamp



SECTION 17

RFQ NUMBER KDS80E1962 – 6430

REPLACE WOODEN POLES FOR 11KV THREE PHASE

Non Disclosure agreement

Refer to Annexure attached hereto.

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Respondents Signature

Date & Company Stamp