

REQUEST FOR TENDER

Main Specification for Access Multiplexers

1 INTRODUCTION

- 1.1 Transnet requires Access multiplexers at various relay rooms, substations, high sites and telecommunication buildings. Two types of multiplexers are envisaged: a primary multi-port multiplexer for large sites, and a secondary, low cost minimal port multiplexer to provide a minimum number of ports for minor sites.
- 1.2 Tenders are called for the supply of Access multiplexers on an “as and when required” basis over the next 2 years.
- 1.3 The Access multiplexer details and predicted quantities to be ordered per annum are provided in the bill of quantities (Annexure A), which must be read in conjunction with this enquiry. These quantities are indicative only and cannot be guaranteed.
- 1.4 Tenderers must indicate the price of each line item in the schedule of requirements separately. Volume discounts must be indicated separately per volume specified.
- 1.5 Tenders will be adjudicated on a technical compliance, local support, delivery, BEE, and price comparison. Price will not be the only criterion

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2 COMPLIANCE

2.1 Tenderers must state their compliance to the main specification SPC_TFRT-0002 as well as to

Specification SPC – TFRT0001 March 2009- Technical specification for Access multiplexers

2.2 Clause by clause statements of compliance must be submitted to this main spec as well as the specifications mentioned above. This response must be a yes, no or number, and an explanatory note if required. Failing this requirement will preclude a tender from consideration.

2.3 Documents to be returned

2.3.1 Access multiplexer technical compliance submission

2.3.2 Main specification for Access multiplexer compliance

2.3.3 Bill of quantities Annexure A

2.3.4 Schedule of requirements for financial adjudication purposes Annexure C

2.3.5 Proposal for maintenance/support contract

2.3.6 Proposal for training

2.4 Local support is a requirement for the supply of Access multiplexers. The tenderer must have at least one person, permanently in the Republic of South Africa, who is qualified to conduct quality tests, technical support and address any queries from Transnet freight rail with respect to the performance of their Access multiplexer. The name(s) and qualifications of such technical expert(s) must be provided.

2.5 Transnet freight rail has the intentions of negotiating a maintenance / support contract. Tenderer to submit a proposal with submission

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3 TRAINING

- 3.1 The Tenderers shall carry out training for the following:
- 3.2 Basic course for twenty students (20) installation, programming and commissioning.
- 3.3 Advanced course for five students (5) system administrators.
- 3.4 Training for five students (5) Web Viewer Client Server users.
- 3.5 First line maintenance for twenty students (20) field technicians to conduct first line trouble shooting and maintenance on equipment.
- 3.6 Training for twenty students (20) configuration and monitoring of the network in a NOC environment
- 3.7 Duration, course content and presenter must be approved by Freight Rail and shall be defined by the final installed configuration.
- 3.8 Training shall be presented at various regions where the equipment is to be installed and operated.
- 3.9 The supplier and its local representative shall supply proof of courses (state type of equipment) presented to Freight Rail employees.
- 3.10 Information on local expertise available for back-up / support and follow-up training, any possible future training requirements on the access multiplexer, configuration as well as system maintenance
- 3.11 Tenderers must submit detailed training curricula with their tender documents.
- 3.12 Tenderers must submit the résumés of training instructors with their tender documents.

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4 COSTING MODEL

- 4.1 For purposes of the financial adjudication the following model must be used as the basis of the tenderers offer. See annexure C
- 4.2 For adjudication purposes the exchange rate to be used. This will be discussed at the site briefing.

5 QUALITY ASSURANCE AND TESTING

- 5.1 The tenders who are short listed must supply Transnet freight rail with the equipment as listed in Annexure B within three weeks so that Transnet freight rail can do technical compliance evaluations
- 5.2 Address to where equipment is to be delivered
Transnet freight rail, 155 Pretoria road, Isando, Kempton Park, Attention Eric van der Merwe, 083 286-5031
- 5.3 Transnet freight rail reserves the right to call for any testing or inspection at any time during the duration of the supply contract.
- 5.4 Tenderers must note that the equipment supplied is at there own risk and they should coincide insuring it as Transnet freight rail will not be liable for any damage or loss

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6 ORDERS AND DELIVERY

- 6.1 Attached Annexure A indicates the estimated types and quantities of Access multiplexers and interface cards to be ordered by Transnet freight rail
- 6.2 Orders will be placed via the Supply Chain Services Division of Transnet freight rail.
- 6.3 The tenderer must guarantee delivery direct to site within 8 weeks from placement of a technically correct order. A site shall be a major city or town in the Republic of South Africa.
- 6.4 Orders could be placed by Transnet freight rail as bulk orders, but staged deliveries must be scheduled by the supplier to coincide with delivery schedules provided by Transnet freight rail.

7 MANUALS AND DOCUMENTATION

- 7.1 All documentation must be in English
- 7.2 All relevant documentation must be on a Compact Disk
- 7.3 Transnet freight rail reserves the right to reproduce in whole or in part, by any means whatsoever, any technical handbook, instruction manual or Compact Disk supplied by the successful tenderer, any such reproduction will be for the sole use of Transnet freight rail.
- 7.4 The Compact Disk must contain detail technical information of the equipment, including installation, maintenance and operating instruction.

ANNEXURE A

BILL OF QUANTITIES: ACCESS MULTIPLEXERS AND ESTIMATED QUANTITIES

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ANNEXURE B

**SCHEDULE OF REQUIREMENTS THAT HAVE TO BE SUPPLIED
FOR TECHNICAL TEST AND EVALUATION**

ANNEXURE C

**SCHEDULE OF REQUIREMENTS FOR FINANCIAL ADJUDICATION
PURPOSES**

END OF SPECIFICATION

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