



## Telkom Tenders

### ERRATUM TO:

MANUAL-RFP-PROJ-00037-2014

TO PROVIDE A PACKET OPTICAL TRANSPORT PLATFORM

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Publish Date	: 17 June 2014
<b>Closing Date</b>	: <b>25 July 2014</b>
Time	: 11h00
Contact Person	: James Wood
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E-mail	: woodja@telkom.co.za
Document Cost	: R50
Method of Payment	: <b>Cash Only</b> for purchase at the Tender office. In the event of payment at a TDS (Telkom Direct Shop) the original proof of payment to be submitted on collection.

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**Description:** To source a complete turnkey packet optical transport solution (Layer 0-3 technologies within the Core, Metro and Access domains) capable of Unified, Multi-Layer, Multi-Domain, Multi-technology management, planning and control.

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#### 1. Pre-Qualification Criteria (Phase 1)

##### 1.1 Pre-qualification Technical Criteria

In line with the PPPFA procurement process, and keeping in mind the strategy for the Core network, the following Pre-Qualification criteria have been derived from the specifications:

1. The bidder/tenderer shall supply a scalable portfolio of equipment across the Core, Metro and Access domains as well as network layers 0-3, which include the following feature set:
  - a. Multi-layered devices which shall be of modular design with the ability to incorporate Layer 0 to Layer 3 functionality as and when required.
  - b. The offered devices shall have the ability to function as stand-alone devices with individual or multi-layer functionality included as required (Layer 0, Layer 1, Layer 2 and/or Layer 3).
  - c. A Unified control plane

The following definitions will be added to the Pre-Qualification Criteria documentation:

Core	A Core layer device is defined as any device with a backplane capacity of at least 600G
Metro	A Metro layer device is defined as any device with a backplane capacity of between 20G – 600G
Access	An Access layer device is defined as any device with a backplane



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capacity of less than 60G and is no larger than 4U high

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2. The bidder/tenderer shall supply a “Unified, Multi-Layer, Multi-Domain, Multi-technology capable Element- and Network Management System” for the End to End management of the offered solution:
  - a. Layer 0 (i.e. WDM/ROADMs CDC, PXC)
  - b. Layer 1 (i.e. SONET/SDH, G.709 OTN, MPLS-TP, etc.)
  - c. Layer 2 (i.e. Ethernet, Carrier-Ethernet)
  - d. Layer 3 (i.e. IP/MPLS Routers)
  - e. Layer 0-2.5 converged systems – e.g. Packet-Optical Transport Systems (P-OTS), which converge WDM (ROADMs), G.709 OTN, TDM (SDH), Carrier Ethernet and Layer 2 transport and switching into a single NE.
3. The bidder/tenderer must provide a multi-layer(Layer 0-3) planning solution(either a single module or multiple fully interoperable modules) specific to the offered equipment which supports the following features:
  - a. Network Planning
  - b. Capacity Planning & Reporting
  - c. Network Modelling, Simulation and Optimisation(e.g. simulating failures or planned network and/or service routing demands/growth)
  - d. Obtain on-demand updated snapshot/s of the network inventory and statistics from the management system for offline manipulation either via:
    - i. An Open API(preferred)
    - ii. File based extraction/collection with a roadmap to an open API
4. The bidder/tenderer shall provide an equipment and management portfolio consisting of no more than two OEMs, excluding ancillary management tools.

### 1.2 Pre-qualification Other Criteria



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PRE-QUALIFICATION CRITERIA	NAME OF THE DOCUMENT TO BE SUBMITTED	RESPONSE REQUIRED FROM RESPONDENT
<p>As at the closing date of this RFP, the Respondent must have an original valid SARS Tax Clearance Certificate. An original valid SARS Tax Clearance Certificate must be attached to the tender response.</p>	<p>ORIGINAL VALID SARS TAX CLEARANCE CERTIFICATE</p> <p><i>(photocopies/certified copies of the Tax Clearance Certificate are NOT acceptable)</i></p>	<p>Respondent must submit a valid original Tax Clearance Certificate or furnish proof of application for a valid Tax Clearance Certificate.</p> <p>Note that photocopies/certified copies of the Tax Clearance Certificate are NOT acceptable. In the event that an original valid Tax Clearance Certificate is not supplied within 30 (thirty) days of the Closing Date of the Tender, the Respondent will be eliminated.</p> <p>Failure to submit an original signed document and all documents as requested in the template will result in disqualification from the tender process</p>
<p>As at the closing date of this RFP, the Respondent must confirm compliance to the Technical Criteria Requirements and provide supporting documents if prescribed in this section</p>	<p>Please refer to the above paragraph 1.1 for the Technical Pre-qualifying Criteria</p>	<p>The Respondent must confirm compliance to the Technical Critical Requirements and provide supporting documentation with clear reference to related paragraph and page numbers.</p> <p>Failure to submit an original signed document and all documents as requested in the template will result in disqualification from the tender process</p>
<p>The following required documentation to be properly completed, signed and submitted by a Respondent.</p>	<p>PRO FORMA AUTHORITY FOR SIGNATORY</p>	<p>Respondents must read and complete this document in spaces allocated in the template. Respondents must ensure that this document is signed off by a duly</p>



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		<p>authorized person (same person that signs on behalf of the company throughout the document). This document must be witnessed accordingly and a copy of the resolution of the board of directors, members or partners (whichever may be applicable) must be attached.</p> <p>Failure to submit an original signed document and all documents as requested in the template will result in disqualification from the tender process</p>
	<p><b>DECLARATION BY RESPONDENT</b>  <i>(Respondent agrees to and unconditionally accepts tender conditions)</i></p>	<p>Respondent must read and complete this document in spaces allocated in the template. Respondent must ensure that this document is signed off by the duly authorized signatory (same person that signed on the Pro Forma Authority for Signatory form).</p> <p>Failure to submit an original signed document and all documents as requested in the template will result in disqualification from the tender process</p>
	<p><b>DECLARATION OF INTEREST</b></p>	<p>Respondent must read and complete this document in spaces allocated in the template. Respondent must ensure that this document is signed off by the duly authorized signatory (same person that signed on the Pro Forma Authority for Signatory form).</p> <p>Failure to submit an</p>



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		original signed document and all documents as requested in the template will result in disqualification from the tender process
	SUPPLIER'S CODE OF CONDUCT	Respondent must read and complete this document in spaces allocated in the template. Respondent must ensure that this document is signed off by the duly authorized signatory (same person that signed on the Pro Forma Authority for Signatory form). Failure to submit an original signed document and all documents as requested in the template will result in disqualification from the tender process
	TAXATION QUESTIONNAIRE AND DECLARATION	Respondent must read and complete this document in spaces allocated in the template. Respondent must ensure that this document is signed off by the duly authorized signatory (same person that signed on the Pro Forma Authority for Signatory form). Failure to submit an original signed document and all documents as requested in the template will result in disqualification from the tender process
	PREVENTION OF FRAUD & CORRUPTION QUESTIONNAIRE	Respondent must read and complete this document in spaces allocated in the template. Respondent must ensure that this document is



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		<p>signed off by the duly authorized signatory (same person that signed on the Pro Forma Authority for Signatory form). The document must be witnessed.</p> <p>Failure to submit an original signed document and all documents as requested in the template will result in disqualification from the tender process</p>
	DUE DILIGENCE QUESTIONNAIRE	<p>Respondent must read and complete this document in spaces allocated in the template. Respondent must ensure that this document is signed off by the duly authorized signatory (same person that signed on the Pro Forma Authority for Signatory form). Failure to submit an original signed document and all documents as requested in the template will result in disqualification from the tender process</p>
<p>The Bidder must agree that should they be the successful Bidder technical testing will take place on the offered system. Also a First Office Application will be conducted by Telkom.</p>	<p>Acceptance by Bidder of Technical Testing and First Office Application (FOA) to be undertaken by Telkom SA SOC Limited</p>	<p>Respondent must read and complete this document in spaces allocated in the template. Respondent must ensure that this document is signed off by the duly authorized signatory (same person that signed on the Pro Forma Authority for Signatory form). Failure to submit an original signed document of Acceptance by the Bidder that Telkom will be allowed to do technical testing and conduct a First Office Application on the offered system or failure to</p>



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		make the equipment/ software available at the stipulated date and site will invalidate award to the successful Bidder.
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### 2. Bid Document Collection

The bid document can be collected from the Telkom SA SOC Ltd Tender Office at the following address:

**Telkom Tender Office (below the overhead bridge)  
Lower ground floor of Telkom Tower South,  
179 Johannes Ramokhoase Street (formally known as Proes Street),  
PRETORIA CBD**

Contact Person: **Benji Ramatlakana**  
Contact details: **(012) 311 3364**

### 3. Bidder's conference

Date: 24 June 2014

Venue: Telkom Towers North, Strelitzia Conference Room (1<sup>st</sup> Floor)  
152 Johannes Ramokhoase Street, Pretoria

Time: 10h00

**Please note:** Bidders are requested to arrive 30 minutes prior to the scheduled time to be signed in.