

**NNPC Towers, Herbert Macaulay Way, Central Business District, Abuja – Nigeria
Re-Advertisement/Submission Extension**

**Invitation to Bid for the Provision of Corporate Wide Interconnectivity (MPLS) and
Internet Service to Interconnect NNPC Locations**

(1.0) Introduction

The Nigerian National Petroleum Corporation (NNPC) invites interested competent and reputable MPLS (VPN)/Internet Service Providers to submit bids for the “**Provision of Corporate Wide Interconnectivity (MPLS) and Internet Service**” to interconnect NNPC locations.

(2.0) Scope of Work

The scope of the Provision of Corporate Wide Interconnectivity (MPLS) and Internet Service to interconnect NNPC locations shall cover, but not limited to the following:

(a) Required Service: The proposed implementation shall be entirely service based; the bidder is expected to own and provide the required Fiber Optics and radio links to NNPC offices backhauling the traffic to the head office. NNPC shall provide appropriate connecting points to the WAN Provider’s installed Customer Edge (CE) Cisco Routers at each location. The solution should allow for pool of bandwidth to ensure end to end quality of service (QoS).

(i) Network Infrastructure; All Sites shall be able to directly connect to any other site over the MPLS network. (Full-mesh connectivity is desired.)

(ii) Installation of dual links at class 1 and 2 sites to guarantee 99% availability of service

(iii) Termination of links on two (2) separate managed Customer Edge (CE) Cisco Routers provided by the Service Provider; the managed CE routers will connect to the NNPC designated Local Network edge device(s) at the respective sites

(iv) Implement end to end Quality of Service (QoS). This will be implemented after analyzing the traffic (bulk data, best effort, transactional data, mission critical, call signaling, voice and Video traffic etc.) for traffic prioritization, congestion management and avoidance based on NNPC Preference

The project is expected to be completed within 12 weeks.

(b) Required Bandwidth: Provision of a dedicated 4xSTM1 bandwidth for MPLS and Internet Service to interconnect NNPC offices corporate-wide

(c) Network Integration: The bidder shall integrate the service to NNPC edge devices to ensure bandwidth aggregation and utilization.

The Bidder shall carryout the installation, configuration management, commissioning of links. The Bidder will provide the required Network Terminating Units, modems, converters and necessary equipment (patch cords, cables, etc.) for commission the link at each site.

All the cabling should be done with proper clamping and with conduit & shall be neat and structured. The network equipment shall be installed in a Rack. The bidder shall check the earthing and power supply before installation of their equipment. Ownership, maintenance and upkeep of the equipment are the provider's responsibility and NNPC will not be responsible for any damage to bidder equipment due to voltage fluctuation, UPS burnt short circuit, any earthing issue, and natural calamities etc. The bidder also has to arrange for the necessary insurance for the equipment installed at NNPC premises.

The solution should support end-to-end Quality of Service with inter-cosburstability.

(d) Security: The Bidder should guarantee absolute network security in the shared infrastructure. Bidder should take measures to prevent VPN spoofing and label spoofing so that only locations authorized by NNPC are members of the MPLS. Bidder should also ensure that our MPLS VPN interfaces, routes and contents of packets are hidden from all other VPNs and from the Internet. The Vendor should provide MPLS network that is completely separate / isolated from that of internet network or Public Domain. The data sent across the channel should be secured by SSL VPN level security. NNPC will be having IPSec /GET VPN implemented from its branch / location router to DC/DR router. Vendor should allow IPSec / GET VPN traffic in its MPLS cloud. Access Violation should be continuously monitored by the bidder on regular basis. The bidder will take all precautions to ensure that sensitive details of the network are protected and not disclosed.

(e) Duration: The service shall be provided for an initial period of twelve (12) months, renewable for a further twelve (12) months on confirmation that services were effectively delivered throughout the initial period

(f) Required Availability: The required availability is 99% 24/7 for the duration of the service. Checks for compliance will be done at the discretion of NNPC and penalties will be as contained in a Service Level Agreement to be adopted.

(g) Maintenance Service: Vendor shall be responsible for the maintenance of equipment deployed at NNPC CHQ and other locations as part of this service for the duration of the contract

(h) Network Management: The network should be supported by a complete Network Management System (NMS) for monitoring all the circuits, remote terminals, and BW management. NMS should support monitoring, control and configuration of the entire network

by means of user friendly Graphical User Interfaces. The NMS should have necessary security features for management, administration and operation. The Network Management Systems (NMS) will allow NNPC to conduct performance/trend analysis, capacity planning and to receive threshold alarms and event notifications. The bidder should provide NMS portal access to NNPC through SPs MPLS intranet cloud. This should Provide NNPC the ability to adjust bandwidth according to capacity planning study and recommend link adjustments on improperly (under/over) provisioned links. Furthermore, the bidder shall submit daily availability and utilization reports to NNPC.

(i) HSE Compliance: The bidder must ensure full HSE compliance at all locations.

(j) Documentations: The bidder shall be responsible for preparing documentations relating to the provided services and shall present both electronic and hard copies to NNPC.

(3.0) Requirements

To satisfy conditions to submit a bid for the Provision of Corporate Wide Interconnectivity Service companies shall show proof of the following

- (a) Full detailed Company profile with CAC certificates of incorporation in Nigeria; certified true copies of memorandum and article of Association of the company and CAC form C02 and C07 (particular of directors)
- (b) Company Tax Clearance Certificate for the last Three (3) years (2012, 2013 and 2014)
- (c) Evidence of VAT Registration and Remittance.
- (d) Evidence of compliance with part iv, 16(d) of the Public Procurement Act 2007 as it relates to PENSION (certificate or exemption from PENCOM) and section 1(2) Pension Reform Act 2004.
- (e) Evidence of Compliance with the Training Fund (ITF) Amendment Act 2011 by inclusion of copy of Compliance Certificate from the industrial Training Fund.
- (f) Audited Account for the past Three (3) years (2012, 2013 and 2014)
- (g) Nigerian Content plan that demonstrates full utilization of Nigerian Labour and Services with detailed description of roles, work scope and man-hours in order to achieve minimum targets as set out in the recruitment of the MOFICD Act 2010.
- (h) Current and in place organizational structure with detailed experience and skills of the management personnel with names. Provide evidence (personnel list and position organization

chart) percentage of management that are Nigerian National and the percentage of the total workforce that are Nigerians.

(i) Detailed past/present commitment to staff training and development of Nigerian Personnel.

(j) Evidence of financial capability/bank reference.

(k) Evidence of telecom license to provide MPLS (VPN) services and infrastructure all over Nigeria.

(L) Evidence of backbone connectivity infrastructure and point of presence coverage in Nigeria should be provided

(m) Evidence of relevant verifiable work experience of similar service in Nigeria over the past five years. Please attach reference letter.

(n) List of verifiable similar services detailing companies that the service was rendered to. Company contact address (Not P.O. Box), functional phone numbers and e-mail address.

(o) Evidence of implementing MPLS connectivity to minimum two (2) clients in BFSI (Banking, Financial Services and Insurance segment with a network of minimum 20 branches).

(p) Letter of satisfaction from bidder's customers with verifiable contacts on their MPLS VPN service.

(q) The Service Provider should have 24x7x365 Network Operating Centre (NOC) & Network Management System (NMS) for management, proactive monitoring and issue resolution helpdesk.

(r) The Bidder should have the following certifications for the MPLS VPN Network infrastructure. ISO 9001:2008 / TL 9000/ Cisco / Juniper or OEM letter of recommendation or equivalent, Attested copy of the appropriate certification / license are to be submitted

(s) The Service Provider should provide documents to show design for standard Class of Services (COS), Quality of Services (QOS), and Voice over IP (VOIP), Video Conferencing and IPSEC /GETVPN.

(t) Confirm willingness to commence with the execution of the service on the basis of a letter of intent (LOI)

(u) Company's CASHES and QA/QC Policy and details of safety recovery for accidents, incidents, injuries and damages for the past three (3) years e.g. Lost time Incident, and Down-Time etc.

(v) Any additional Information that will enhance the potential of the company.

(4.0) Collection of Bid Document

Bidders are advised to pick the detailed and comprehensive bid document from the address below

Bid documents for the Provision of Corporate Wide Interconnectivity (MPLS) and Internet Service

**The Secretary,
R&T DEXCOM Tenders Board
Block D, 1st Floor, Room 45B,
NNPC Towers,
Herbert Macaulay Way,
Central Business District,
Abuja**

Or download same from the NNPC website advert area on the homepage; www.nnpcgroup.com

(5.0) Submission of Documents/Closing Date

All completed bids should be submitted in two (2) separate envelopes marked Technical, and Commercial respectively. Each of these should consist of one (1) original and one (1) copy duly signed by the bidder's executive representative.

Proposals should be submitted in sealed envelopes and clearly marked "**Provision of Corporate Wide Interconnectivity (MPLS) and Internet Service**", and returned to the address below **not later than Thursday 11th February, 2016 at 3;00pm**. The bids shall be opened and endorsed immediately after the closing date and time.

**The Secretary,
R&T DEXCOM Tenders Board
Block D, 1st Floor, Room 45B,
NNPC Towers,
Herbert Macaulay Way,
Central Business District,
Abuja**

(6.0) Important Information

- This is a re-advertisement of the tender previously advertised on the 16th of December 2015. The Tender is being re-advertised to provide adequate time for site visits. Bidders who had previously submitted bids can retract their documents and resubmit as they deemed fit.
- All costs incurred by your company as a result of this qualification exercise and any subsequent request for information shall be to your account.
- Your Company shall provide NNPC with letter of Authority to verify all claims made in your submissions.

The bidder has added responsibilities to:

- Familiarize themselves with the works to be performed in accordance with the inquiry documents.
- Familiarize themselves with the working conditions, applicable laws and regulations, labour conditions, environmental aspects and all other conditions that can affect timely delivery of required service.
- Visit and inspect the locations earmarked for the “Provision of Corporate Wide Interconnectivity (MPLS) and Internet Service” project in order to submit a firm and comprehensive proposal. This shall be done in liaison with any of the contact persons identified in the ITB
- Make his own arrangement and inquiries with regards to transportation of own staff and equipment.
- Ensure full HSE Compliance at all times during the Site Inspection.

Signed:

Management