



**Telecommunications Consultants India Ltd.**

(A Govt. of India Enterprise)  
Material Management Division  
TCIL Bhawan, Greater Kailash-I  
New Delhi – 110048 (India)



No. TCIL/15/1313/I/11-MM/25E/ADD-2

November 01, 2011

**ADDENDUM NO. 2 TO TENDER**

Tender No. : TCIL/15/1313/I/11-MM/25E dated 28-09-2011.  
Name of Item : Providing of International Private Leased Circuit (IPLC) between New Delhi and Dakar, Senegal along with MPLS Links and Internet Connectivity in India for existing PAN Africa e-Network Project.

**Reply to Queries raised by various Bidders**

The replies to queries raised by Bidders are enclosed herewith. All Bidders are requested to please refer to the same which will form an integral part of the Tender Document.

All other terms and conditions of the Tender No. TCIL/15/1313/I/11-MM/25E dated 28-09-2011 shall remain unchanged.

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**REPLY TO QUERY RAISED BY VARIOUS BIDDERS**

S No.	Clause No in the Bid Document	Description	Clarification Sought	TCIL Response
1	5.7.1	The bidder shall ensure cross connect to the local service provider appointed by TCIL in format of n x E1, G.703 Electrical interface at Dakar	1. Wheather Bidder's responsibility is up to Landing point in Dakar only? 2. Who will manage local access operator in Dakar? 3. Who will manage SLA for local access in Dakar?	1. Bidders responsibility shall be for providing connectivity upto Satellite Hub Station at Dakar, Senegal. (Refer Clause 5.2, 5.4.1.3) 2. Bidder 3. Bidder
2	Note 1 of Page 37 (Section-6)	Items such as Routers, MODEMS, MUX etc. required for Commissioning, Operation and Management of the links at all the ends including the end at Dakar describe in A, B, and C of BoQ & price schedule in Section-6 above shall be supplied within the quoted price to achieve the assured uptime as per the SLA.	Wheather equipment supplied along with the link will be property of TCIL or the bidder? At the end of contract, who will be owner of all hardware required for link connectivity?	The bidder has to provide the cost of end equipments for all locations (SSH + UC +Datacenter, India) in India on both Lease and Sale options  At Senegal Datacenter, Two nos. of Cisco 2811 Router with HWIC-4T(V.35 interface) is available alongwith 5 (2 Online + 3 Spare) MROTEK RAD FCD-E1 modem  Integration of these equipments at Senegal must be ensured by the bidder in its solution.
3	5.10.2	NLD: In case of failure of NLD link, degradation of NLD link due to BER, or any other factor exceeding the limits prescribed in the SLA parameters (clause 5.8.4) and hence affecting the performance of the link from data centre at TCIL to the landing point in India, no lease charges shall be payable for all MPLS links as well as the NLD link. The penalty shall be iposed on the NLD and all MPLS links.	1. Wheather MPLS Topology will be HUB and Spoke or any to any? 2. If NLD link is down, and MPLS links are UP, still TCIL will have communication between MPLS sites (Universities, SSH) and Data Center at New Delhi. Therefore failure of NLD link, should impose penalties for affected NLD link only.	The MPLS topology shall be Hub and Spoke architecture. The penalty shall be calculated as per the penalty clauses in the Tender

4	5.7.2	The solution shall include the routers and all the necessary network terminating equipments in India as well as in Dakar.	Router is the end terminating equipment which is to be provided by TCIL for terminating the IPLC circuit. TCL's handoff and demarcation interface will be G.703.	The bidder has to provide the end equipments for all locations (SSH + UC +Datacenter, India) in India  At Senegal Datacenter, Two nos. of Cisco 2811 Router with HWIC-4T(V.35 interface) is available alongwith 5 (2 Online + 3 Spare) MROTEK RAD FCD-E1 modem  Integration of these equipments at Senegal must be ensured by the bidder in its solution.
5	5.10	IPLC: In case of failure of IPLC, degradation of IPLC link due to BER, or any other factor exceeding the limits prescribed in the SLA parameters (Clause 5.7.5) and hence affecting the performance of the link, no lease charges shall be paid for the duration of failure for the entire system which would include end-to-end connectivity covering IPLC, NLD and all MPLS links. Also penalty shall be imposed on the total amount for the entire system mentioned above. It will be calculated as given in 5.10.5.1 and 5.10.5.2. During the simultaneous failure of IPLC, MPLS and NLD links penalty shall be Imposed on IPLC link as per 5.10.5.1 only.	This shall not be applicable in case the service degradation is due to force majeure, cable cuts or reasons beyond reasonable control of the supplier	The penalty shall be calculated as per the penalty clauses in the Tender