



CORRIGENDUM NO. 2 TO LETTER INVITING TENDER

Job ref.: Design & Engineering, supply, erection & commissioning and post warrantee maintenance (comprehensive) of integrated CCTV surveillance system for rail gantry of Siliguri Marketing Terminal on LSTK basis.

Tender no.: OC13000193/ABH dtd. 07.05.2019

Further to the tender for the above job, please find below Addendum in point no. 5 (Page No. 7 of 18 and 8 of 18) of the “Scope of Work”:

In existing Tender	New addition Clause to be added
5.0 STANDARDS AND CERTIFICATION b. Supply, Installation, Testing & Commissioning of Gigabit Managed Network Switch complete with all accessories. The Switch should have necessary fiber plus copper ports and module as per technical specification. All fiber ports shall be fully loaded with SFP modules. The switching capacity of Network switches is to be 32/40 Gbps and above. 1 GBPS PER PORT WITH DUAL REDUNDANT LACP SUPPORT	NETWORK/LAN SWITCH: - Type: - Managed, Layer 2/3 switch. - High speed for latency free data - Also shall be suitable for the connected wired devices intended in this proposal. - Shall be capable for configuration as Multicasting/ Unicasting for multiple clients/ devices. - Standard/ compliance: Relevant IEEE. - Suitability: Shall be suitable for continuous operation in non AC (non Air Conditioned) environment of ambient temperature 0- 50 DegC in completely enclosed panel/ enclosure. - System Configuration: Web based/ software. - No. of ports and speed: The no. of ports/ speed shall be assessed by the bidder as per the required devices (plus atleast 4 spare ports) to be connected to meet the requirement of the tender document for achieving seamless data & video streaming/ recording. However bidder shall consider the following port configuration (atleast, but not limited to) with speed as a minimum for the selected network switches: 24 RJ45 ports (Cu) (1Gbase) + 4 SFC ports (2 Nos. of 10GBase+2 Nos. of 10GBase/1GBase) etc. - Accessories: Software/driver, mounting accessories etc. - Mounting: Inside vendor supplied rack etc. - Recommended make: Cisco/Allied Telesis/Garratcom /Ruggedcom/Sixnet. Notes: - Supported Link Speeds: - For 1GBase port: 10Mbps/100Mbps/1000Mbps. - For 10GBase port: 100Mbps/ 1000Mbps/ 10Gbps. - For a location/ application, instead of single switch, multiple switches may be selected by the bidder to achieve the required port configuration and speed.



NUMALIGARH REFINERY LIMITED.
COMMERCIAL DEPARTMENT.

	Fiber port / SFC ports shall be used for OFC link via LIU. Each SFC/ Fiber port of each Network/ LAN switch shall be equipped & supplied with compatible SFP/ GIBIC modules. Accordingly bidder shall provide for each Network/ LAN switch.
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All other terms and conditions of the Tender Document remain unchanged.

GM (Commercial) I/c
Numaligarh Refinery Limited,
Numaligarh, Dist : Golaghat,
Assam – 785 699

Copy to: NRL website (www.nrl.co.in)
Govt. website
E-Tender portal