A3 (50640)2010/PUR / Cat IV   19th Mar, 2012

From

    Joint Secretary (Admn.)
    Council of Scientific & Industrial Research,
    2, Rafi Marg,
    New Delhi-110001.

To

    CMC Limited.,
    Central Square, Ist and IIIrd Floor
    C-28 to C35, Cipet Road
    Thiru-Vi-Ka Industrial Estate
    Guindy
    Chennai – 600 032 (TN)
    Fax: +91-44-2250 1080

Sub: **Amendment to the Rate Contract for Supply, Installation, Acceptance, Testing & Commissioning of Layer 3 Core Switch-CATEGORY 4 -CSIR-SERC Tender.**

Ref: **Our Rate Contract No.: A3 (50640)2010/PUR/ Cat IV, Dated: 12th Jan, 2012 and Your E-Mail requesting the amendment to the BOM for Supply and Service Component**

Dear Sir,

    In suppression to our earlier letter of EVEN No. dated: 13th March 2012, kindly note that our competent Authority has been pleased to approve for change in the Qty for item at Sl. No. 7 (Cat No. OS9-GNI-U24E) in the BOM for Supply as well as Service component from 2 to 1. Accordingly, the Revised BOM for the Supply and Service component is as per Annexure A to this letter.
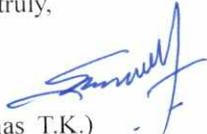
    The other details and Terms and Conditions will remain the same as per the original Rate Contract.

    We have also noted the change of address for your Delhi address as below

M/s CMC Ltd
C-11, Community Center
(Behind Janak Cinema)
Janakpuri
New Delhi – 110 058

    Please acknowledge.

Yours truly,

19/3/12

(Thomas T.K.)
Controller Stores & Purchase, C.S.I.R.
Anusandhan Bhavan, 2, Rafi Marg
New Delhi-110001.
thomas_tk@csir.res.in,011-23715188
alt:email : satish.chandra@csir.res.in

A. **Revised Bill of Material for each Unit of Layer 3 Core Switch (Alcatel Make) – Supply Compenent**

Sl. No	Part No.	Description	Qty	Price (In ₹)
1	OS9800E-RCB-A	OS9800E Redundant Bundle (Dual CMMs) for AC Power, w/SSL (DES, 3DES, RC2, RC4), AC redundant chassis bundle includes 1 OS9800-CHASSIS, 4 OS9-PS-0725A, 2 OS9800E-CMM and its AOS software w/ advanced IP routing SW (IPv4/IPv6), In-Service-SW-Upgrade & advanced security SW (802.1x). Requires E-series modules	1	1124863
2	OS9-GNI-C24E	24-10/100/1000BaseT/TX RJ45 ports. Gigabit Ethernet network interface with RJ-45 connectors supports 10/100/1000 Mbps transmission speed. Supports Cat5 or Cat5e UTP cabling (Requires minimum of 4 pairs to support 1000BaseTX). Requires E-Series CMMs	1	
3	OS9-XNI-U2E	2-unpopulated 10,000BaseX ports with Enhanced capabilities. 10 Gigabit Ethernet network interface with XFP (XFP MSA) connectors supports 2 XFP transceivers. XFP transceivers not included-See transceiver section for additional ordering information. Requires E-series CMMs	4	
4	XFP-10G-LR	10 Gigabit Ethernet optical transceiver (XFP MSA). Supports single mode fiber over 1310nm wavelength (nominal) with an LC connector. Typical reach of 10 Km on 9/125 µm SMF	8	
5	OS9-XNI-U2E	2-unpopulated 10,000BaseX ports with Enhanced capabilities. 10 Gigabit Ethernet network interface with XFP (XFP MSA) connectors supports 2 XFP transceivers. XFP transceivers not included-See transceiver section for additional ordering information. Requires E-series CMMs	2	201441
6	OS9-GNI-C24E	24-10/100/1000BaseT/TX RJ45 ports. Gigabit Ethernet network interface with RJ-45 connectors supports 10/100/1000 Mbps transmission speed. Supports Cat5 or Cat5e UTP cabling (Requires minimum of 4 pairs to support 1000BaseTX). Requires E-Series CMMs	1	80567
7	OS9-GNI-U24E	24-unpopulated 10,000BaseX ports. Gigabit Ethernet network interface with MiniGBIC (SFP MSA) connectors supports 24 MiniGBIC transceivers. MiniGBIC transceivers not included-See transceiver section for additional ordering information. Requires E-series CMMs	1	141030
8	XFP-10G-LR	10 Gigabit Ethernet optical transceiver (XFP MSA). Supports single mode fiber over 1310nm wavelength (nominal) with an LC connector. Typical reach of 10 Km on 9/125 µm SMF	1	40259
9	XFP-10G-SR	10 Gigabit Ethernet optical transceiver (XFP MSA). Supports multimode fiber over 850nm wavelength (nominal) with an LC connector. Typical reach of 300m on 50/125 µm MMF	1	20104
10	SFP-GIG-LX	1000Base-LX Gigabit Ethernet optical transceiver (SFP MSA). Supports single mode fiber over 1310nm wavelength (nominal) with an LC connector. Typical reach of 10 Km on 9/125 µm SMF	1	10027
11	SFP-GIG-SX	1000Base-SX Gigabit Ethernet optical transceiver (SFP MSA). Supports multimode fiber over 850nm wavelength (nominal) with an LC connector. Typical reach of 300m on 62.5/125 µm MMF or 550m on 50/125 µm SMF	1	3477
		TOTAL Cost of Supply Component		**₹ 1621768**

B. Revised Bill of Material for each Unit of Layer 3 Core Switch (Alcatel Make) – Service Component

Sl. No	Part No.	Description	Qty	Installation, Commissioning and Training Charges, If Any (In ₹)	AMC cost for 4th Year	AMC cost for 5th Year
1	OS9800E-RCB-A	OS9800E Redundant Bundle (Dual CMMs) for AC Power, w/SSL (DES, 3DES, RC2, RC4), AC redundant chassis bundle includes 1 OS9800-CHASSIS, 4 OS9-PS-0725A, 2 OS9800E-CMM and its AOS software w/ advanced IP routing SW (IPv4/IPv6), In-Service-SW-Upgrade & advanced security SW (802.1x). Requires E-series modules	1	4600	36524	36524
2	OS9-GNI-C24E	24-10/100/1000BaseT/TX RJ45 ports. Gigabit Ethernet network interface with RJ-45 Connectors supports 10/100/1000 Mbps transmission speed. Supports Cat5 or Cat5e UTP cabling (Requires minimum of 4 pairs to support 1000BaseTX). Requires E-Series CMMs	1			
3	OS9-XNI-U2E	2-unpopulated 10,000BaseX ports with Enhanced capabilities. 10 Gigabit Ethernet network interface with XFP (XFP MSA) connectors supports 2 XFP transceivers. XFP transceivers not included-See transceiver section for additional ordering information. Requires E-series CMMs	4			
4	XFP-10G-LR	10 Gigabit Ethernet optical transceiver (XFP MSA). Supports single mode fiber over 1310nm wavelength (nominal) with an LC connector. Typical reach of 10 Km on 9/125 μm SMF	8			
5	OS9-XNI-U2E	2-unpopulated 10,000BaseX ports with Enhanced capabilities. 10 Gigabit Ethernet network interface with XFP (XFP MSA) connectors supports 2 XFP transceivers. XFP transceivers not included-See transceiver section for additional ordering information. Requires E-series CMMs	2	28244	6213	6213
6	OS9-GNI-C24E	24-10/100/1000BaseT/TX RJ45 ports. Gigabit Ethernet network interface with RJ-45 Connectors supports 10/100/1000 Mbps transmission speed. Supports Cat5 or Cat5e UTP cabling (Requires minimum of 4 pairs to support 1000BaseTX). Requires E-Series CMMs	1	25561	2486	2486
7	OS9-GNI-U24E	24-unpopulated 10,000BaseX ports. Gigabit Ethernet network interface with MiniGBIC (SFP MSA) connectors supports 24 MiniGBIC transceivers. MiniGBIC transceivers not included-See transceiver section for additional ordering information. Requires E-series CMMs	1	4969	4353	4353
8	XFP-10G-LR	10 Gigabit Ethernet optical transceiver (XFP MSA). Supports single mode fiber over 1310nm wavelength (nominal) with an LC connector. Typical reach of 10 Km on 9/125 μm SMF	1	631	1241	1241
9	XFP-10G-SR	10 Gigabit Ethernet optical transceiver (XFP MSA). Supports multimode fiber over 850nm wavelength (nominal) with an LC connector. Typical reach of 300m on 50/125 μm MMF	1	310	620	620
10	SFP-GIG-LX	1000Base-LX Gigabit Ethernet optical transceiver (SFP MSA). Supports single mode fiber over 1310nm wavelength (nominal) with an LC connector. Typical reach of 10 Km on 9/125 μm SMF	1	155	309	309
11	SFP-GIG-SX	1000Base-SX Gigabit Ethernet optical transceiver (SFP MSA). Supports multimode fiber over 850nm wavelength (nominal) with an LC connector. Typical reach of 300m on 62.5/125 μm MMF or 550m on 50/125 μm SMF	1	55	107	107
		TOTAL Cost of Service Component		₹ 64525	₹ 51853	₹ 51853