

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

**AGENDA
OF
FINANCE COMMITTEE MEETING**



**25th MEETING
TO BE HELD ON 20.07.2012**

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

Agenda: For the 25th meeting of the Finance Committee

Place: Meeting Hall, BrahMos Aerospace, DRDO,
Delhi Cantt., New Delhi

Date: Friday, 20th July, 2012 at 11:00 A.M

Item No.	Agenda	Page
25.1	To confirm the minutes of 24 th Meeting of the Finance Committee, National Institute of Technology, Kurukshetra held on 12.03.2012	1-5
25.2	To note follow up action taken on the 24 th Meeting of the Finance Committee held on 12.03.2012.	6-7
25.3	To consider the enhancement of the Honorarium to External Experts @ ₹. 3,000/- per sitting.	8-9
25.4	To consider and approve the recommendations of the Committee regarding granting interest bearing House Building Advance (HBA) to the employees of the Institute.	10-13
25.5	To consider and approve the Annual Accounts of the National Institute of Technology, Kurukshetra for the year 2011-12.	14-16
25.6	To consider possible expansion and proposal for various technical/operational alternatives for improved functioning and services of Centre of Computing and Networking (CCN)	17-21
	Any other Item	

Item 25.1: To confirm the minutes of 24th Meeting of the Finance Committee, National Institute of Technology, Kurukshetra held on 12.03.2012.

The minutes of the 24th Meeting of the Finance Committee held on 12.03.2012 were circulated to the members vide our letter No. Acs/24th FC/1040/1293 dated 15.03.2012. No comments from any member have been received.

A copy of the minutes of 24th Meeting of the Finance Committee held on 12.03.2012 is placed at Annexure – A on pages 2-5

The Finance Committee may confirm the minutes of the 24th Meeting of the Finance Committee held on 12.03.2012.

NATIONAL INSTITUTE OF TECHNOLOGY
(Under the Ministry of HRD, Govt. of India)
KURUKSHETRA - 136119

Minutes of 24th Meeting of the Finance Committee, NIT, Kurukshetra held on 12.03.2012 at 3.00 p.m in the NIT, Transit House, A-1/267, Safdarjung Enclave, New Delhi - 110029.

PRESENT:

1. Prof. Anand Mohan, Chairperson(Acting)
Hon'ble Chairperson, Board of Governors &
Finance Committee,
NIT, Kurukshetra.
2. Sh. Rajesh Singh Member
Deputy Secretary(NITs)
Representative of
Special Secretary (Tech.)
Department of Higher Education
Ministry of Human Resource Development
Government of India
Shastri Bhawan,
New Delhi-110 001
3. Sh. Navin Soi, Member
Director (Finance) Representative of
Joint Secretary & Financial Advisor(IFD)
Department of Higher Education
Ministry of Human Resource Development
Government of India
Shastri Bhawan,
New Delhi-110 001
4. Dr. Hari Mohan Prasad Member
Director
Academy of Foreign Languages & Cultural Cooperation
Magadh University
Bodh Gaya (Bihar).
5. Dr. V K Sehgal Member
Professor,
Civil Engg. Deptt.
NIT, Kurukshetra.

Contd...-3-

6. Sh. G R Samantaray
Registrar Incharge
National Institute of Technology,
Kurukshetra. Member Secretary

Before the Agenda was taken up, Prof. Anand Mohan, Chairperson (Actg.), Board of Governors & Finance Committee & Director, NIT, Kurukshetra extended hearty welcome to all members of the Finance Committee present in the Meeting.

The Finance Committee made recommendations/took decisions as under:

Item 24.1: To confirm the minutes of 23rd Meeting of the Finance Committee, National Institute of Technology, Kurukshetra held on 20.10.2011.

The Finance Committee confirmed the minutes of the 23rd meeting of the Finance Committee held on 20.10.2011.

Item 24.2: To note follow up action taken on the 23rd meeting of the Finance Committee held on 20.10.2011.

The follow up actions on the 23rd meeting of the Finance Committee held on 20.10.2011 were noted.

Item 24.3: To consider the Loan facility to the employees of NIT Kurukshetra from the R.E.C Employees Co-Operative Urban Salary Earners Thrift & Credit Society Ltd.

The Finance Committee resolved that the willingness of the Employees be obtained about the offer of loan facility from the R.E.C Employees Co-Operative Urban Salary Earners Thrift & Credit Society Ltd. ✓

Item 24.4: To consider for the Fixation of interest rate of Contributory Provident Fund (CPF) of the Institute for the period from October to March of 2010-11 & 2011-12 (April to March).

The Finance Committee resolved that the interest be paid as per Govt. of India CPF rules for the period from October to March 2010-11 & 2011-12 (April to March). However the institute may obtain option from employees, who are desirous to opt the interest rate at par with EPFO, and also explore the possibility of facilitating joining of EPFO. If EPFO joining possibilities exists, the desirous employees be allowed to switch over EPFO system in consultation with the Regional EPFO Office. ✓

Item 24.5: To approve the minutes of the 15th Meeting of the Building & Works Committee of National Institute of Technology, Kurukshetra held on 19.12.2011.

The Finance Committee approved the minutes of the 15th Meeting of the Building & Works Committee of National Institute of Technology, Kurukshetra held on 19.12.2011 and suggested that in respect of agenda item No.15.8 electricity installation cost be verified and to be reported in the next Finance Committee meeting. ✓

Item 24.6: To consider grant of remuneration, other allowances and relaxation in weekly teaching load for the position of Chairman (E, C & EM).

The Finance Committee resolved that the remuneration be paid only to the Deans as per Agenda Item No. 22.6 of 22nd meeting of the Finance Committee held on 30.03.2011. The Institute may consider for re-designation of Chairman (E, C & EM) as Dean (E, C & EM) and place it before the Board of Governors meeting.

Item 24.7: To consider establishment of four Schools for PG study and research at National Institute of Technology, Kurukshetra.

The Finance Committee approved the proposal for establishment of four schools of PG study and research.

Item 24.8: Any other Item

The Finance Committee resolved that the Institute may take a decision as per Govt. of India rules in respect of payment of House Rent Allowance for Employees residing out side the campus. The Audit reply may be sent to office of the A.G. Haryana.

The meeting ended with a vote of thanks to the Chair.

Sd/-
(G R Samantaray)
Registrar & Member Secretary (Actg.)
Finance Committee
NIT, Kurukshetra.

Item 25.2: To note follow up action taken on the 24th Meeting of the Finance Committee held on 12.03.2012.

The recommendations of the Finance Committee made in 24th Meeting held on 12.03.2012 were approved by the Board of Governors in its 27th meeting held on 13.03.2012. The action taken on the recommendations are prepared at Annexure – B on page 7.

Annexure - B
Item: 25.2

Item	Subject	Action Taken
24.1	To confirm the minutes of 23 rd Meeting of the Finance Committee, National Institute of Technology, Kurukshetra held on 20.10.2011	No further action is required
24.2	To note follow up action taken on the 23 rd meeting of the Finance Committee held on 20.10.2011.	Action has been Taken
24.3	To consider the Loan Facility to the employees of NIT Kurukshetra from the REC Employees Co-Operative Urban Salary Earners Thrift & Credit Society Ltd.	Action has been Taken
24.4	To consider for the fixation of interest rate of Contributory Provident Fund (CPF) of the Institute for the Period from October to March 2010-11 & 2011-12 (April to March).	Action has been Taken
24.5	To approve the minutes of the 15 th Meeting of the Building & Works Committee of National Institute of Technology, Kurukshetra held on 19.12.2011	With regards to Item No. 15.8 of B&WC meeting, CPWD authority was contacted to verify the Electrical Installation cost. The CPWD authority submitted the Preliminary Estimate of Electrical Installation for 2 Nos. parkings at NIT, Kurukshetra amounting to ₹.1594110/- instead of 12.5% as already intimated.
24.6	To consider grant of remuneration, other allowances and relaxation in weekly teaching load for the position of Chairman (E, C & EM).	Action is being Taken
24.7	To consider establishment of four Schools for PG study and research at National Institute of Technology, Kurukshetra.	Action is being Taken
24.8	Any other Item	Action has been Taken

Item 25.3: To consider the enhancement of the Honorarium to External Experts @ ₹. 3,000/- per sitting.

The Finance Committee resolved in its 20th meeting held on 22.09.2010 to enhanced the honorarium to Member of Board of Governors (BOG), Finance Committee (FC), Senate & Building & Works Committee from ₹.2,000/- to ₹.3,000/- per sitting and the sitting fees for the Members of other committees be enhanced from ₹.1,500 to ₹.2,000/-.

The Institute has received the letter from Department of Higher Education, Ministry of Human Resource Development, TEQIP Division vide No. F.16-12/2005 T.S. VII dated 08.06.2012 regarding TA/DA and Honorarium for Experts for TEQIP-II at Annexure – C on page 9. In point No.5 it is mentioned that the payment of Honorarium to External Experts @ ₹.3,000/- per day.

The Finance Committee may consider and make suitable recommendation to the BOG.

FROM :

FAX NO. :

— 9 — Jun. 08 2012 05:22PM P1

Annexure 'C'

F.No. 16-12/2005 TS. VII
Government of India
Department of Higher Education
Ministry of Human Resources Development
TEQIP Division

Room No. 433- C, Shastri Bhawan,
New Delhi-110001
Dated 8th June, 2012

To,

Prof. A.U. Digraskar
Central Project Adviser,
National Project Implementation Unit (NPIU),
Plot No18 A Sector 16 A
Gautam Budh Nagar
Noida -- 201301.

Subject : TA/DA and Honorarium for Experts for TEQIP-II.

Sir,

I am directed to refer to your letter No. NPIU/TEQIP-II/11/2355 dated 27th January, 2012 on the above mentioned subject and to convey the approval of TA/DA and Honorarium for experts for TEQIP-II as under :

(i) Travelling by Air

Mentors/Auditors/Experts/Retired officials/officials from SPFUs and Project Institutions drawing grade pay 6000 and above are entitled to travel for meetings by Economy class Air India as per their entitlement.

However, on non availability of ticket in Air India, Private Airlines by economy class may be allowed subject to the condition that the fare charged is not more than the Air India fare (domestic), and Air travel should not be permitted as a matter of course and to the extent possible; it should be performed by train.

(ii) Travelling by train

The members may be allowed to travel by IInd AC trains including Rajdhani Express and Executive Class in Shatabdi Express.

(iii) Travelling by Road

In case of places not connected by rail, travel by AC Bus for all those entitled to travel by AC II tier and above by train. In case of road travel between places connected by rail, travel by any means of public transport is allowed provided total fare does not exceed the train fare by the entitled class.

Contd....

Item 25.4: To consider and approve the recommendations of the Committee regarding granting interest bearing House Building Advance (HBA) to the employees of the Institute.

The Government of India, Ministry of Urban Development (Housing-III Section), New Delhi vide Office Memorandum No. 1-17011/11(4)/2008-H.III dated 27th November 2008 and even No. dated 14th July, 2010 has announced/conveyed Interest Bearing House Building Advance (HBA) on the basis of 6th Central Pay Commission recommendations w.e.f. 1st January 2006.

In this regard, the matter was placed before the Finance Committee in its 22nd meeting held on 30.03.2011 to consider grant of Interest Bearing House Building Advance to the employees of the Institute on the pattern of Central Government employees. The Finance Committee recommended to the Board as under:

“Resolved to recommend to the Board that the proposal be accepted in principle and the modalities may be worked out as per the pattern of the Government of India.”

The above minutes were confirmed by the Board in its 25th meeting held on 22.06.2011.

Further, the Finance Committee in its 23rd meeting held on 20.10.2011 decided as under while considering the follow up action on the above minutes:

“A committee be constituted to draft the modalities of House Building Allowance (HBA) as per Central Government norms for implementation.”

The above decision has been approved by the Board in its 26th meeting held on 21.10.2011.

In view of the above decision, a committee was constituted to draft the modalities of House Building Advance as per Central Government norms vide letter No. Gen-I/3874/334 dated 16.01.2012. The committee considered the issue and has submitted its recommendation vide letter No. Dean(P&D)/40 dated 17.5.2012. The recommendations of the committee are enclosed as Annexure D from page 11 to 13. As per recommendation at Sr.No.2, a corpus fund of ₹.2.00 crore is to be allocated as an initial amount for the purpose from the Institute Development Fund of the Institute.

The Finance Committee may consider for the creation of corpus fund of ₹. 2.00 crores as an initial amount from the Institute Development Fund of the Institute for the grant of interest bearing House Building Advance (HBA)

Amesura 'D'

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

No. Dean (P&D)/40

Dated: 17.5.12

Subject: Recommendations of the Committee regarding granting interest bearing House Building Advance(HBA) to the employees of the Institute on the pattern of Central Government Employees.

A Committee was constituted to consider the above said matter. The Committee discussed the issue and has prepared recommendations in this regard. The recommendations of the Committee are enclosed for kind consideration and approval, please.

DIRECTOR ^{CR}
19/5/12

(V.K.Arora)
Dean (P&D)
& Chairman Committee

DA/As above

Exss L
21/05/12

D.S(Gen.)
Gen. II

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

No. Gen-1/3874/

Dated: 17.5.12

Subject: **To draft modalities for granting interest bearing House Building Advance (HBA) to the employees of the Institute on the pattern of Central Government employees.**

The Hon'ble Director constituted the following Committee to draft the modalities of House Building Allowance as per Central Government norms:

- | | | |
|----|---|------------------|
| 1. | Dr. V.K.Arora
Dean (P&D) | Chairman |
| 2. | Dr. V.K.Sehgal
Dean (Faculty Welfare) | Member |
| 3. | Sh. G.R.Samantaray
Registrar i/c | Member |
| 4. | Sh. S.K.Sharma
Deputy Registrar (Accounts) | Member-Secretary |

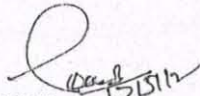
A meeting of the above Committee was held on 1st May, 2012 in the chamber of Dean (P&D). After detailed discussions and deliberations, the Committee recommends the following for consideration:

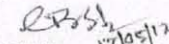
1. The norms and guidelines issued by the Government of India, Ministry of Urban Development (Housing-III Section), New Delhi vide Office Memorandum No. I-17011/11(4)/2008-H.III dated 27th November, 2008 and I-17011/2(1)/2009-H.III dated 14th July, 2010 and other instructions issued by the Government of India on the issue from time to time may be adopted for the implementation of Interest Bearing House Building Advance to the employees of the Institute.
2. A corpus fund of Rs.2.00 crore may be arranged as an initial amount for the purpose from the Institute Development Fund of the Institute.

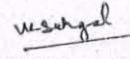
Contd.... 2/P

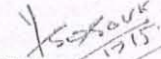
CSK

3. The above Committee may recommend specific cases regarding grant of House Building Advance. The Committee may scrutinize the cases on need basis. However, preference may be given to the lowest paid salaried person.
4. All the cases may be dealt by the Accounts Section. For the purpose, sufficient manpower may be provided to the Accounts Section.
5. The Accounts Section will receive the requests from the eligible employees' upto 15th of every month and place before the above Committee to recommend the cases for final approval of the Hon'ble Director.


(S.K.Sharma)


(GR Samantaray)


(V.K. Sehgal)


(V.K. Arora)

Item 25.5: To consider and approve the Annual Accounts of the National Institute of Technology, Kurukshetra for the year 2011-12.

The Annual Accounts of the Institute must be approved from Board of Governors, as per the statutory requirement of MHRD, After getting the approval from the Board, the Annual Accounts need to be audited and certified by the Accountant General (Audit), Haryana. Afterwards it has to be forwarded to the Ministry of Human Resource Development, New Delhi for placing before parliament.

The Finance Committee in its 64th meeting held on 05.12.1991 while considering Audit Report on Accounts of the Institute for the year 1990-91 recommended as under:

“The Finance Committee considered and noted the Audit Report and Annual Accounts of the College for the year 1990-91 duly certified by the Accountant General (Audit), Haryana.

The Finance Committee, however desired that in future the Annual Account of the College should be first put up to the Finance Committee before these are got approved from the Chairman, Board of Governors / Board of Governors of the Institute”

Accordingly, the Annual Accounts for the year 2011-12 which is appended hereunder as Annexure E with the item 25.5:

- 1. Main Current Account**
 - i) Balance Sheet
 - ii) Income & Expenditure Account
 - iii) Schedules
 - iv) Receipts & Payment Account
- 2. Scheme Account**
 - i) Balance Sheet
 - ii) Receipts & Payment Account
- 3. TEQIP**
 - i) Balance Sheet
 - ii) Receipts & Payment Account
- 4. Other Accounts i.e. Ex-Employees A/c, SWF A/c, Merit Scholarship A/c**

Contd.,

Receipt & Payment Account for the year 2011-12 in the respect of all the accounts mentioned on pre-page is as under:

1. Main Current Account Receipts	₹. in lacs
a) Opening Balance as on 01.04.2011	1641.21
b) Grant Received from Govt. of India	6000.00
c) Other receipts including Tuition fee, Interest Earned on deposits, Lease of Land & CPF account etc.	1287.37
Total	8928.58
Payments	
a) Establishment & Other Admn. Exp.	3386.20
b) Plan Grant Exp. Including payment made as advance to PWD/NBCC.	521.53
c) Expenditure on account of Refundable Deposits & CPF etc.	1414.26
d) Unspent balances as on 31.03.2012	3606.19
Total	8928.58
2. Scheme Account Receipts	
a) Opening Balance as on 01.04.2011	51.92
b) Grant received from funding agencies	40.62
c) Other receipts	4.32
Total	96.86
Payments	
a) Stipend, Scholarship, Fellowship, other Admn. Expenditure on Assets etc.	40.52
b) Amount Refunded to the funding Agency	9.61
c) Advance paid & adjusted	1.90
d) Unspent Balance as on 31.03.2012	44.83
Total	96.86
3. TEQIP Receipts	
a) Opening Balance as on 01.04.2011	0.00
b) Grant received from funding agencies	200.00
c) Other receipts	6.50
Total	206.50
Payments	
a) Expenditure on goods, opening of Maintenance-cost, Books & LRs, Training, Workshop etc.	30.21
b) Amount Refunded to the funding Agency	0.00
c) Advance to Employees	0.00
d) Unspent Balance as on 31.03.2012	176.29
Total	206.50

Contd.,

4. Ex-Employees A/c, SWF A/c, Merit Scholarship A/c.

Receipts

a)	Opening Balance as on 01.04.2011	42.74
b)	Amount received including interest earned	22.43

Total 65.17

Payments

a)	Expenditure incurred	4.32
b)	Unspent Balance as on 31.03.2012	60.85

Total 65.17

The Finance Committee may consider and approve the Annual Accounts of the Institute for the year 2011-12. So the same can be submitted to the Office of the Accountant General (Audit), Haryana for verification and certification.

Item 25.6: To consider possible expansion and proposal for various technical/operational alternatives for improved functioning and services of Centre of Computing and Networking (CCN)

The Centre of Computing and Networking (CCN) was established in the Institute by a grant from MHRD for infrastructure, during 1996-97. It was developed by the faculty and staff deputed from other departments. Over the years the equipments and services of the centre particularly in view of its availability and Bandwidth to cater the needs of increased intake of students (approximately 4500). In addition, the teaching-learning requirements of faculty and staff have become many fold higher, which is making it extremely difficult to sustain the needs.

In view of the above, a committee was constituted for identifying the possible expansion for improved functioning and services of CCN. The committee includes two external experts who have long working experience for a large computer centre. A meeting of the said committee was held on 3rd July, 2012 to consider the above issue. The committee has proposed suggestions in the following categories:

1. Procurement of equipments for capacity enhancement.
2. For quality services and up keep, suitable AMCs be awarded.
3. For supervision and execution of functions and services of the centre, which runs 24x7x365, regular manpower should be required.

A copy of the recommendations/suggestions is enclosed as Annexure F from page 18 to 21.

The Finance Committee may consider and make suitable recommendations to the BOG.

Centre of Computing and Networking
National Institute of Technology Kurukshetra

July 3, 2012

Report of Meeting Held on July 3, 2012

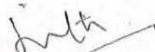
A meeting of the following committee was held for considering the possible expansion and the proposal for various technical / operational alternatives for improved functioning and services of CCN.

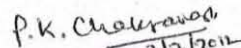
- | | |
|---|-------------------|
| 1) Prof. A. Swarup, Dean Research and Consultancy, | (Chairman) |
| 2) Dr R.K.Sharma, Prof. Incharge CCN | (Member) |
| 3) Dr Mayank Dave, Assoc. Professor, Computer Engg. Department | (Member) |
| 4) Sh. P.K.Chakravorty, Sr. Maintenance Engineer, Computer Centre BHU, Varanasi | (External Expert) |
| 5) Sh. J.Sarkar, System Manager, Computer Centre BHU, Varanasi | (External Expert) |
| 6) Er Jagan Nath , System Analyst, CCN | (Invited Member) |

- A. The committee took a round of campus for a view of physical outlay of network reach.
- B. The details of active components in CCN have also been explained to the committee.
- C. A presentation was made before the committee regarding the existing network also a proposal for upcoming infrastructure expansion of network and related services of CCN.
- D. The committee also reviewed the report submitted after the visit to Computer Centre, BHU, Varanasi during May 1-2, 2012.
- E. The following issues were proposed after deliberations.
1. To enhance the capacity and reliability of the network and services there are requirements of creating standby provisions and augmentation of passive and active components in the network.
The list of identified equipments/hardware/ support components / refurbishment along with tentative quantity and estimate is detailed in Appendix I.
 2. For better Internet bandwidth availability, about 2Gbps, one more ISP may be considered. BSNL being Government Organization can be considered as one of the ISP.
 3. Additional power backup in capacity and time be added for more critical services.
 4. Power supplies should have effective cooling and air conditioning.
 5. Efforts may be made to have an integrated AMC of the network. Otherwise suitable clauses may be inserted in phased AMC for maintaining compatibility of overlapping networks. The day-to-day repair/maintenance work be assigned/monitored by CCN.
 6. AMC of UPS and ACs also be outsourced.

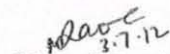
[Handwritten signatures and dates]
P.K.Chakravorty
3/7/2012

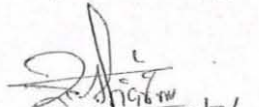
7. For structured distribution of duties/services of CCN functioning 24x7x365, the following manpower on regular basis would be required.
- | | |
|------------------------|------|
| i. System Manager | 01 ✓ |
| ii. Network Engineer | 02 ✓ |
| iii. Web Administrator | 01 ✓ |
| iv. Programmer | 02 ✓ |
| v. Technician | 04 ↓ |
| vi. Computer Operators | 04 ↓ |
| vii. Office Assistant | 01 ↓ |
8. Every department / section of the institute may designate one nodal officer for respective web page/web content management.
9. For increasing the reliability of old network cables/OFCs, re-cabling possibly in planned trench may be carried out. SMF/CAT6/PoE cables may be used.
10. For global quality consideration Cisco may be considered wherever possible.

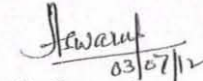

(Jagan Nath)


P.K. Chakravorty
(P.K.Chakravorty) 3/7/12

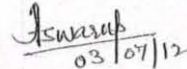

(J.Sarkar)


(Mayank Dave) 3.7.12


(R.K.Sharma) 3/7/12

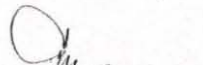

(A. Swarup) 03/07/12

Submitted for kind consideration, please.


03/07/12

Director

Approved: R' for n.a.pl.


03/7/12

Estimate Budget Requirement for CWN Upgradation

Appendix I

Sl.	Detail Description of the Listed Items	Quantity	Unit	Unit Rate (Rs.)	Total (Rs.)
1	Layer 3 Chassis Based Redundant Switch to be attached with existing Core switch in Active-Active Mode	1	Nos.	40,00,000	40,00,000
2	Layer 3 Rack Mountable – DMZ Switch to be installed for Server Farm	2	Nos.	4,50,000	9,00,000
3	48-Port Layer 3 (Non-PoE) Switches	36	Nos.	3,75,000	1,35,00,000
4	10G LR Transceiver – (Same Make as of Switches)	24	Nos.	85,605	20,54,520
5	10 G Tranceiver for 2 X Inter Core Link - (Same Make as of Switches)	12	Nos.	51,285	6,15,420
6	1 G LX Transceiver - (Same Make as of Switches)	25	Nos.	42,705	10,67,625
7	24 Port 1G SFP port and 2 X 10 G ports to be stacked with existing Distribution switch	4	Nos.	-	-
	Summit X460-24x - 24 100/1000BASE-X unpopulated SFP, 8 10/100/1000BASE-T (4 10/100/1000BASE-T ports shared with SFP ports), XGM3 slot, Stacking module slot, AC PSU with one unpopulated PSU slot, Fan module, ExtremeXOS Edge license			4,85,820	19,43,280
	Option card, two unpopulated 10 Gigabit SFP+ slots			64,155	2,56,620
	Stack module for Summit X450			16,965	67,860
8	24-Port Layer 3 (PoE) Switches	7	Nos.	2,90,331	20,32,317
9	Wireless Access Points	40	Nos.	35,000	14,00,000
10	Min. 8-Port 10G Line Card to be installed in existing BD800 (Extreme Networks Make Only) (Model # - BD 8800 10G8Xc)	2	Nos.	5,14,605	10,29,210
11	2x10G Port Cards for Existing Distribution Switches Summit X450a (Model # - XGM2-2SF) (Extreme Networks Make Only)	4	Nos.	85,605	3,42,420
12	UTM Appliance - for managing >= 4000 Users with all Licenses for - Link F/o, Link Load Balance, Anti-Virus Gateway, Anti-Phishing, Content & URL Filtering	2	Nos.	16,00,000	32,00,000
13	IP PBX switch with SIP/IP Phones/Accessories(150 users)				20,00,000
14	Single Mode OFC Cable 12 Core Cable	555	Mts.	110	61,050
15	Single Mode OFC Cable 6 Core Cable	1000	Mts.	175	1,75,000
16	Cat-6 UTP Cable (305 Mts. Per Box)	78	Box	6,400	4,99,200
17	Info-Outlets with SMB	845	Nos.	325	2,74,625
18	Cat-6 Patch Cords 1 Mts.	882	Nos.	185	1,63,170
19	Cat-6 Patch Cords 1 Mts.	845	Nos.	225	1,90,125
20	Cat-6, 24-Port Patch Panel	43	Nos.	8,500	3,65,500
21	SC-Pigtails	48	Nos.	330	15,840
22	6-Port Loaded Panel	8	Nos.	3,000	24,000
23	Fibre Patch Cords	8	Nos.	2,200	17,600
24	Pigtail Splices	48	Nos.	330	15,840
25	Internal Splicing	6	Nos.	330	1,980
26	UPS 1 KVA On-Line Rack Mountable	50	Nos.	35,000	17,50,000

201

P.K. Chakravarty
 3/7/2012

27	12U Rack	19	Nos.	14,000	2,66,000
28	42U Rack	1	Nos.	58,000	58,000
29	Miscellaneous, Installation, Support and Configurational Charges	1	"	10,00,000	10,00,000
30	Cost of Resident Engineer with Min. 2 years Experience	3	Per Annum	3,50,000	10,50,000
Total(Rs.)					4,03,37,202

Estimate Budget Requirement for other items

Sr. No.	Detail Description of the Listed Items	Quantity	Total
1	Server	4	20,00,000
2	Total 2 GB Leased lines (1:1)		2,00,00,000
3	AMC for UPS		3,00,000
4	Redhat Enterprise Linux server ES6.x premium subs(2-4 soc/ 1 Guest)	1	60,000
5	20 Kva online UPS, 90 minutes backup	1	6,00,000
6	Air conditioning / Rewiring / Refurbishment of Eastern section of CCN		15,00,000
Total (Rs.)			2,44,60,000
Grand Total(Rs.) 40337202+22960000			5,47,57,202

