Issue 2



## **Nepal Telecommunications Authority**

# MANAGEMENT INFORMATION SYSTEM (MIS)

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#### 1. NTA at a Glance

With the unprecedented innovations in the field of telecommunication services and rapid telecommunications development in the world, it has become necessary to bring the same pace of development and expansion in this sector in Nepal also. Keeping in harmony with the currently evolving new technological developments, the emerging craze for globalization and liberalization or market economy concept, it is felt that the resources and efforts of His Majesty's government alone cannot fulfill the steadily increasing demand of the telecommunication services in a competitive environment. Even though the private sector entrepreneurs are interested in investing in the novel sectors, flow of private sector capital in productive areas could not be made effective due to unfavourable environment and lack of opportunities. Taking this scenario into account, the National Communication Policy 1992 A.D. envisaged the concept of encouraging the private sector participation for providing telecommunication services to the public and to assist to the extent possible as is deemed necessary in an easily available, simple and well planned manner for the development, expansion and operation of this sector inside the kingdom of Nepal as well as abroad.

With this concept, using liberalization policy and involving the private sector in a competitive environment for the development and expansion of telecommunication sector in Nepal, His Majesty's Government of Nepal's decision dated December 25, 1995 has initiated the involvement of the private sector in the development of the telecommunication services. Nepal Telecommunications Authority as an autonomous regulatory body has been established on March 4, 1998 as stipulated within the framework of the Telecommunication Act 1997 A.D. and Telecommunication Regulation 1998 A.D. to make this work more systematic and regular.

#### 2. Salient feature of Telecom Policy, 2004 (2060)

In the context of the difficult geographical terrain of Nepal, telecommunications infrastructure is seen as more important than others. New opportunities are being seen in the telecom sector due to the rapid development of technology and continuous changes in the infrastructures. Nepali citizens can also benefit from the worldwide trend in the reduction of tariff in the telecommunications sector. In this context, by utilising the achievements gained in the telecom sector for maximum benefits and also to use the possibilities and opportunities that might come in future for the greater benefit of the Nepali people, the necessity of an appropriate and up to date policy has been felt. Hence, His Majesty's Government of Nepal has passed the Telecom Policy, 2004 replacing the older Telecom Policy, 1999 by the decision of the cabinet on March 8, 2004.

#### 2.1 Objective

The main objective of the Telecommunication Policy is to create a favourable environment in order to make the telecommunication services reliable and accessible to all people at a reasonable price throughout the Kingdom in collaboration with the private sector et.al in order to support the socioeconomic development of the country. For the overall accomplishment of these objectives, the following objectives have been determined.

- **2.1.1** In order to provide access of the telecommunication services to the general public of rural and urban areas of the Kingdom, arrangement shall be made in a manner that telecommunication services shall be made available within shouting distance in the inhabited areas.
- **2.1.2** The telecommunication services shall be made available on demand in the urban areas of the Kingdom. Corporate telecommunication service shall be made available in the business areas.
- **2.1.3** Opportunity shall be provided to the consumers of the urban areas to choose services from different service providers. Arrangement of opportunity to choose services accordingly shall be extended gradually to the rural areas also.
- **2.1.4** Arrangement shall be made for availing the use of appropriate information and communication technology for poverty alleviation and development of the rural areas.

#### 2.2 Strategy

#### 2.2.1 Universal Access to the Telecommunication Service

The telecommunication service shall be extended for universal access. The telecommunication service shall be made available to the consumers through the medium of shared telephone. For this, emphasis shall be given for the extension of telephony as fixed, mobile, etc. For extension of service, satellite system may also be used. Other services relating to information and communication technology shall be made available through the medium of Community Centres.

#### 2.2.2 Universal Service Obligation

The telecommunication service providers shall be required to provide service to any consumer of the urban areas on demand.

#### 2.2.3 Development of Corporate Service

In the urban areas, arrangement shall be made to provide the leased line, data and other similar corporate services to the government entities and private business enterprises through more than one service provider.

#### 2.2.4 Liberalization of the Telecommunication Sector

The telecommunication sector has been fully opened for the service providers. However, the number of the service providers may be limited due to the radio spectrum. While providing directory service, the service provider shall be required to provide such service incorporating all consumers using the service.

#### 2.2.5 Open Licensing Regime to be Applied

The open licensing regime shall be applied for providing opportunity to all service providers to enter into the telecommunication sector. Transparent procedures shall be applied for granting such license. Moreover, an environment for healthy competition shall be created.

#### 2.2.6 Private Sector's Participation to be encouraged

The private sector's participation shall be encouraged for the telecommunication sector. Foreign investment shall be attracted. Arrangement shall be made to regularly inform the private sector about the particulars of reform undertaken in the telecommunication sector and about the opportunity available in this sector.

#### 2.2.7 To Enter into Information Society

By arranging other necessary prerequisites such as extension of telecommunication service and drafting of Cyber Law, Nepal shall be made to enter into the Information Society in an effective manner.

## 2.2.8 <u>Appropriate Information and Communication Technology for the</u> Users of the Rural Areas

Appropriate information and communication technology shall be made available as per the capacity and need of the users of the rural areas. In this connection, the information and communication technology that do not require special training and literacy based on radio, television and telephone shall be made available in collaboration with the private sector et.al. The service of information and communication technology shall be made available to the rural users through the means of small service providers.

#### 2.2.9 <u>Persons Who Are Engaged in the Development Activities Shall be</u> Caused to Use Information and Communication Technology Fully

In developmental activities such as rural development and infrastructure building work in order to bring effectiveness, the governmental and non-governmental person and entity shall be made obligated to extensively use the information and communication technology such as Internet by developing necessary capacity up to the district and village level.

#### 2.2.10 Commercialization of the Nepal Telecommunication Corporation

In connection with the commercialization of the Nepal Telecommunications Corporation, the Corporation has been converted into a company and the ownership of His Majesty's Government shall be gradually decreased. In order to enable it to face the increasing competition, various reform programmes shall be conducted to make the company proficient.

#### **2.2.11** Institutional Development for Implementation of Policy

The institutional development shall be gradually set up by increasing human resource and economic capacity of the Ministry of Information and Communication and the Nepal Telecommunications Authority for successful implementation of the Telecommunication Policy. In connection with the formulation and implementation of policy and law pertaining to the information and communication technology, role and responsibility of the Ministry of Information and Communication and the Ministry of Science and Technology shall be clearly defined by avoiding duplication.

#### 2.2.12 Economic Efficiency of the Telecommunication Sector

Emphasis shall be given to increase economic efficiency of the telecommunication sector by creating an environment that promotes healthy competition among the telecommunication service providers.

#### 3. Telecom Network of the Country

- 3.1 The Nepal Telecom (NDCL), Nepal's incumbent telecommunications operator, has made significant progress in the growth and development of the national public switched telecommunications network (PSTN) in the last decade, particularly during Nepal's Fifth Phase Telecom Project (1992-97).
- 3.2 The same tempo of growth continues in the ongoing Seventh Phase, with the number of distributed lines increasing from approximately 65,000 in 1992 to over 4,22,456 (fixed line), Post-paid Mobile Subscribers 70,686 and Pre-paid Mobile Subscribers 1,72,893 till 15, January 2005. The network is fully digital and offers full national and international direct dialling services.
- 3.3 The national trunk network is equipped with 1762 MBPS, out of which 788 MBPS broadband microwave system is being used to link Kathmandu with the rest of the country.
- 3.4 Rural service was expanded in Nepal under the Fifth Phase Telecom Project, through Japanese (JICA) and IDA (World Bank) fund country's 75 district centres have automatic telecommunications service, including STD and ISD. This access usually provided by NDCL or a privately operated public call office (PCO) or a is phone shop. Sixty-eight district centres have communications services to some neighbouring VDCs by means of 2 MBPS microwave links, MARTS, single channel VHF/UHF or Very Small Aperture Terminal (VSAT) satellite services. The following table summarises types of technology used to provide telecommunications services to the VDCs of Nepal as of 15, January 2005.

Technology used by NDCL to serve VDCs	
Digital C-DOT (wireline) exchanges	45/8,204
MARTS	539/2,758
VHF/UHF radio	1,034
Digital microwave (JICA project)	3/70
HF radio	4
VSAT	186
VDCs served with at least one PCO	1,963

3.5 NDCL has achieved the following rural service penetration levels as of 15, January 2005. Percentages identified in the table refer to the percentage of VDCs with at least one PCO in the specified region.

Region	Total VDCs	VDCs Served with at least	% of VDCs Served with at	
		one PCO	least one PCO	
Nepal	3,914	1,963	50.15%	
Eastern Development Region	893	462	51.73%	
Central Development Region	1199	599	49.95%	
Western Development Region	864	494	57.17%	
Mid-Western Development Region	575	215	37.39%	
Far-Western Development Region	383	193	50.39%	

- 3.6 United Telecom Limited (private sector basic telecommunications operator based on WLL technology) has started its own International Gateway from 19th April 2004 and is providing its service in Kathmandu Valley, total subscriber of WLL telephone service is 28,402 as of 15, January 2005.
- 3.7 The total telephone penetration rate (i.e. 1 phone to 100 citizens) in Nepal is around 2.84% (1.84% is fixed line and 1% is mobile)

#### 4. NTA activities during the past three months

- 1. License Fee of Radio Paging Service has been reduced with effective from Mangsir 18, 2061 B.S.
- 2. License has been granted to one VSAT user and two ISPs (Internet Service Providers).
- 3. An Interaction programme on "Telecommunications Services" was held in Pokhara on Poush 17, 2061 B.S. Regional Administrator of Western Development Region; Chief District Officer of Kaski; Chief, Royal Nepalese Army, Western Region; Chairman of FNCCI, Pokhara; Representatives of Consumer Forum and Electronic Communication Media; Telecommunication licensees actively participated in the programme.
- 4. A three member task force has been formed to collect due Royalties from the licensees.
- 5. A three member committee has been formed to open Limited Mobility Service.
- 6. A three member team visited different VDC's of the Eastern Development Region to monitor and inspect the work being carried out by the STM Telecom Sanchar Pvt. Ltd., a Rural Telecom Service provider, till date.
- 7. The consultant for NTA#02 Tariff and Interconnection Regime has submitted the Interconnection Module. Similarly, the Final Report has been forwarded by the consultant for the comments.
- 8. Chairman, NTA visited Malaysia Communications and Multimedia Commission (MCMC) and International Telecommunications Union (ITU) and One NTA staff visited Japan on a study tour.
- 9. "VoIP (Voice over Internet Protocol) study group" submitted its final report to the management.
- 10. A computer training class was conducted to make NTA staffs more competent in using computer in their daily job.

#### 5. Rural Telecommunications Service Policy

- 5.1 NDCL is licensed to provide Rural Telecommunications Service in the entire country, except 534 Village Development Committees of Eastern Development Region, where NTA has licensed STM Telecom Sanchar Pvt. Ltd. to provide at least two telephone lines in each Village Development Committee.
- 5.2 Being a Rural Telecom Operator for Eastern Development Region STM Telecom Sanchar Pvt. Ltd. has installed the hub stations at Kathmandu and Biratnagar for the RTS purpose and has installed 402 lines in 206 VDCs of Eastern Development Region till 15, January 2005.

#### 6. Relevant Acts and Regulations

- 1. Telecommunications Act, 1997 A.D. (2053 B.S.)
- 2. Radio Act, 1958 A.D. (2014 B.S.)
- 3. Telecommunications Regulations, 1998 A.D. (2054 B.S.)
- 4. Radio License Regulation, 1992 A.D. (2049 B.S.)
- 5. Telecommunications Policy, 1999 A.D. (2056 B.S.)
- 6. Interconnection Guidelines, 2002 A.D. (2059 B.S.)
- 7. Telecommunications Policy, 2004 A.D. (2060 B.S.)
- 8. Cyber Law, 2004 A.D. (2061 B.S.)

#### 7. Chairman and the Board Members of NTA

Mr. Suresh Kumar Pudasaini	Chairman
Mr. Mani Ram Ojha	<b>Board Member</b>
Mr. Abinash Panta	<b>Board Member</b>
Dr. Krishna Bahadur Khatry	Board Member

## 8. No. of Licenses issued in the different types of Telecommunications Services (upto 15, January, 2005)

(a)	Basic Telephone	2
(b)	Cellular Mobile Telephone	2
(c)	Internet (with e-mail)	29
(e)	Radio Paging	8
(f)	VSAT Network Providers	10
(g)	VSAT Service Users	71
(h)	Fax Mail	6
(i)	Video Conferencing	1
(j)	GMPCS	2
(k)	Rural Telecom Services	1
(1)	Local Data Network	1

**Total** 

133

#### 9. Glimpse of Licensing Activities (up to 15, January 2005)

S. No.	Services	Fiscal Year							
		055/56	056/57	057/58	058/59	059/60	060/61	061/62	Total
1.	Basic Telephone			1		1			2
2.	Cellular Mobile	1						1	2
3.	Internet (with e-mail)	9	4	2	3	2	6	3	29
4.	Radio Paging	1	5	2					8
5.	VSAT Network Providers	2	4	1	3				10
6.	VSAT Service Users	1	15	8	11	15	20	1	71
7.	Fax Mail	3	1	2					6
8.	Video Conferencing		1						1
9.	GMPCS					2			2
10.	Rural Telecom Services						1		1
11.	Local Data Network						1		1
Total		17	31	15	17	20	28	5	133

<u>Note</u>: As NTA cancelled the internet (with e-mail) service license of Capital Online Pvt. Ltd., Computerland Communications System Ltd., HTP Communications Pvt. Ltd., Fax Mail Service License of Mercantile Communications Pvt. Ltd, Computerland Communications System Ltd., Worldlink Communications Pvt. Ltd. and VSAT Users license of Nepal Grindlays Bank Ltd. (Kathmandu - Melbourne Circuit,) total outstanding licensee till 15<sup>th</sup>, January 2005 is 126.

#### 10. Subscribers of different services (as of 15, January 2005)

Fixed line telephone subscribers	4,22,456
Post-paid mobile subscribers	70,686
Pre-paid mobile subscribers	1,72,893
Internet (with e -mail) subscribers	45,000
WLL subscribers	28,402
GMPCS subscribers	500
Radio paging subscribers	2,000
Internet users $(45,000x5) =$	2,25,000

#### 11. Addresses and Contact nos. of Service Providers

#### (i) Basic Telephone Operators

(a) Nepal Doorsanchar Company Ltd. (NDCL)

Bhadrakali Plaza, Kathmandu Tel No.: 977-1-4210202 Fax No.: 977-1-4221202 E-mail: ntc.ogm@ntc.net.np Web site: www.ntc.net.np United Telecom Limited

Putalisadak, Kathmandu Tel No.: 977-1-44219497 Fax No.: 977-1-44219498 E-mail: utlnepal@wlink.com.np Web site: www.utlnepal.com.np

#### (ii) GSM Cellular Mobile Operators

(a) Nepal Doorsanchar Company Ltd. (NDCL)

Pulchowk, Lalitpur Tel No.: 977-1-5536791 Fax No.: 977-1-5515291 E-mail:-ntc.ogm@ntc.net.np Web site: www.ntc.net.np

(b) Spice Nepal Pvt. Ltd.

Bagmati Chambers, Teku

Tel No.: 977-1-4423815/4423824

Fax No.: 977-1-4423809 E-mail:- spnl@mail.com.np

#### (iii) VSAT Network Providers

(a) Mercantile Communications Pvt. Ltd.

Durbar Marg, Kathmandu Tel No.: 977-1-4220773 Fax No.: 977-1-4225407 E-mail: amatya@mos.com.np Web site: www.mos.com.np

(b) Worldlink Communications Pvt. Ltd.

Jawalakhel, Lalitpur Tel No.: 977-1-5523050 Fax No.: 9771-5529403 E-mail: pavan@wlink.com.np Web site: www.wlink.com.np

(c) Communications and Communicate Nepal Pvt. Ltd.

Siddi Bhawan, Kathmandu Tel No.: 977-1-4263600 Fax No.: 977-1-4243726 E-mail: info@ccnep.com.np Web site: www.ccnep.com.np

(d) Global Internet Services Pvt. Ltd.

Pulchowk, Lalitpur Tel No.: 977-1-5543647 Fax No.: 977-1-5548317 E-mail: info@gispl.com Web site: www.gispl.com

(e) I Max Pvt. Ltd.

New Road, Kathmandu

Tel No.: 977-1-4269805, 4260693

Fax No.: 977-1-4269862 E-mail: info@imax.com.np Web site: www.imax.com.np

(f) Infocom Pvt. Ltd.

Hattisar, Kathmandu Tel No.: 977-1-4436458/4436459

Fax No.: 977-1-4435826 E-mail: info@info.com.np Web site: www.info.com.np

(g) Namche Networks Pvt Ltd

Manbhawan, Lalitpur Tel No.: 977-1-5548228/9 Fax No.: 977-1-5548211 E-mail: pawan@namche.com Web site: www.namche.com (h) Web Surfer Nepal Communications Pvt. Ltd

Naxal, Kathmandu

Tel No.: 977-1-4440304

Fax No.: 977-1-4492703

E-mail: suman@websurfer.com.np

Web site: www.websurfer.com.np

(i) Square Networks Pvt. Ltd

Sanepa, Lalitpur

Tel No.: 977-1-5549390

Fax No.: 977-1-5549388

E-mail: smanandhar@snet.com.np

Web site: www.snet.com.np

(j) Unlimited Nu Media Pvt.Ltd.

Khichapokari, Kathmandu

Tel No.: 977-1-2011302/3

Fax No.: 977-1-5529295

E-mail: allen@unlimit.com

Web site: www.unlimit.com

#### (iv) Radio Paging Service Providers

(a) Nepal Radio Paging Pvt. Ltd.

Bhatbhatini, Kathmandu

Tel No.: 977-1-4439333

Fax No.: 977-1-4495338

E-mail: nrppl@unlimit.com

(b) City Paging Pvt. Ltd.

Kalikasthan, Kathmandu

Tel No.: 977-1-4425188/4420636

Fax No.: 977-1-4419452

E-mail: info@citypage.com.np

Web site: www.citypage.com.np

(c) KAT Easy Page Pvt. Ltd.

Pako New Road, Kathmandu

Tel No.: 977-1-4224130

Fax No.: 977-1-4241976

E-mail: easypage@mos.com.np

Web site: www.easypage.com.np

(d) Agni Paging Pvt. Ltd.

Lazimpat, Kathmandu

Tel No.: 977-1-4410373/4414628/4414629

Fax No.: 977-1-4416778

E-mail: agniinc@mos.com.np

Web site: www.agnipage.com.np

(e) Digital Telecom International Pvt. Ltd.

Tripureshwor, Kathmandu

Tel No.: 9771-4-268007

Fax No.: 977-1-4-268003

E-mail: info@dti.com.np

Web site: www.dti.com.np

#### (v) Internet /E-mail Service Providers

(a) Mercantile Communications Pvt. Ltd.

Durbar Marg, Kathmandu

Tel No.: 977-1-4220773

Fax No.: 977-1-4225407

E-mail: amatya@mos.com.np Web site: www.mos.com.np (b) Worldlink Communications Pvt. Ltd.

Jawalakhel, Lalitpur

Tel No.: 977-1-5523050

Fax No.: 977-1-5529403

E-mail: pavan@wlink.com.np

Web site: www.wlink.com.np

(c) Everest Net Pvt. Ltd.

Jawalakhel, Lalitpur

Tel No.: 977-1-5546010/5530313

Fax No.: 977-1-5539431 E-mail: info@enet.com.np

Web site: www.enet.com.np

(d) Global Internet Service Pvt. Ltd.

Pulchowk, Lalitpur

Tel No.: 977-1-5543647

Fax No.: 977-1-5548317

E-mail: info@gispl.com

Web site: www.gispl.com

(e) Himalayan Online Pvt. Ltd.

Durbar Marg, Kathmandu

Tel No.: 977-1-4244952

Fax No.: 977-1-4224524

E-mail: info@hons.com.np

Web site: www.hons.com.np

(f) Infocom Pvt. Ltd.

Hattisar, Kathmandu

Tel No.: 977-1-4436458/4436459

Fax No.: 977-1-4435826

E-mail: rupesh.shrestha@info.com.np

Web site: www.info.com.np

(g) Unlimited Numedia Pvt. Ltd.

Khichhapokhari, Kathmandu

Tel No.: 977-1-2011302/3

Fax No.: 977-1-5529295

E-mail: allen@unlimit.com

Web site: www.unlimit.com.np

(h) Network Technologies Pvt. Ltd.

Kamaladi, Kathmandu

Tel No.: 977-1-4410147

Fax No.: 977-1-4416835

E-mail: ntech@nepalinformation.com

(i) Nepal Gateway Communications Pvt. Ltd.

Hattisar, Kathmandu

Tel No.: 977-1-4434961

Fax No.: 977-1-4434659

E-mail: highmtn@wlink.com.np

(j) Nepal Doorsanchar Compnay Ltd. (NDCL)

Pulchowk, Lalitpur

Tel No.: 977-1-5536791

Fax No.: 977-1-5525291

E-mail: ntc.ogm@ntc.net.np

Web site: www.ntc.net.np

(k) I Max Pvt. Ltd.

New Road, Kathmandu

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Fax No.: 977-1-4269862 E-mail: info@imax.com.np Web site: www.imax.com.np (1) Square Network Pvt. Ltd Jhamsikhel Lalitpur

Tel No.: 977-1-5549390

Fax No.: 5549388

E-mail: info@snet.com.np Web site: www.snet.com.np

(m) Via Net Communications Pvt Ltd

Pulchowk, Lalitpur

Tel No.: 977-1-5522532

Fax No.: 977-1-5537318

E-mail: info@vianet.com.np

Web site: www.vianet.com.np

(n) Sailung Dot Com Pvt. Ltd.

Bhanuchowk Dharan, Sunsari

Tel No.: 977-25-526528

Fax No.: 977-25-526528

E-mail: amrit@sailung.com.np

Web site: www.sailung.com

(o) Fewa Net Pvt. Ltd

Mahendrapool, Pokhara

Tel No.: 977-61-531548

Fax No.: 977-61-531548

E-mail: gajendra@fewanet.com.np

Web site: www.fewanet.com.np

(p) Cyber Space Pvt. Ltd

Adrashanagar, Birgunj

Tel No.: 977-51-524075 Fax No.: 977-51-524075

E-mail: atc@atcnet.com.np

Netlink Communications Pvt. Ltd

Baneshwor, Kathmandu Tel No.: 977-1-4440304

Fax No.: 977-1-4492703

E-mail: info@netlink.com.np

Web site: www.netlink.com.np

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Tel No.: 977-56-520656

Fax No.: 977-56-520656

E-mail: support@bharatpur.com.np Web site: www.globalnet.com.np

(s) Himal Technologies Pvt. Ltd

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Tel No.: 977-1-4480698 Fax No.: 977-1-4759964

E-mail:info@himaltech.com

Web site: www.himaltech.com

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> Baluwatar, Kathmandu Tel No.: 977-1-4429616/7

Fax No.: 977-1-4430572

E-mail: sudhir@subisu.com

Web site: www.subisu.net.np

(u) Spacetime Internet Pvt. Ltd.

Minbhawan.Kathmandu

Tel No.: 977-1-4487750/52

Fax No.: 977-1-4494022

E-mail: space@spacetimeonline.com

- Pokhara I-net Pvt. Ltd. (v)
  - Gairapatan, Pokhara, Kaski
  - Tel No.: 977-061-535377
  - Fax No.: 977-061-532891
  - E-mail: afm@fewanet.com.np
- (w) Mero ISP Pvt. Ltd.
  - Kantipath, Kathmandu
- Tel No.: 977-1-2001011 Japan Nepal Information Technology Pvt. Ltd. (x)
  - Kalikasthan, Kathmandu
  - Tel No.: 977-1-4770772
- (y) IP Communications Pvt. Ltd.
  - Kathmandu Plaza, Kamaladi
- Computer Click Online Pvt. Ltd. (z) Putalisadak, Kathmandu

#### (vi) **Fax Mail Service Providers**

- Infocom Pvt. Ltd.
  - Hattisar, Kathmandu
  - Tel No.: 977-1-4436458/4436459
  - Fax No.: 977-1-4435826
  - E-mail: info@info.com.np
  - Web site: www.info.com.np
- Himalayan Online Pvt. Ltd.
- - Durbar Marg, Kathmandu
  - Tel No.: 977-1-4220848
  - Fax No.: 977-1-4224524
  - E-mail: info@hons.com.np
  - Web site: www.hons.com.np
- Unlimited Numedia Pvt. Ltd. (c)
  - Khichhapokhari, Kathmandu
  - Tel No.: 977-1-2011302/3
  - Fax No.: 977-1-5529295
  - E-mail: allen@unlimit.com
  - Web site: www.unlimit.com

#### (vii) GMPCS Service Providers

- Constellation Pvt. Ltd.
  - Pulchowk, Lalitpur
  - Tel No.: 977-1-5548836
  - Fax No.: 977-1-5548879
  - E-mail: ceo@constellation.com.np
  - Web site: www.thuraya.com.np
- AVCO International Pvt. Ltd. (b)
  - Nagpokhari, Kathmandu
  - Tel No.: 977-1-4410394
  - Fax No.: 977-1-4422252
  - E-mail: avco@wlink.com.np

#### (viii) Rural Telecom Services

- STM Telecom Sanchar Pvt. Ltd
  - Thirbam Sadak, Baluwatar, Kathmandu.
  - Tel No.: 977-1-4419366
  - Fax No.: 977-1-4419366
  - E-mail: vtater@stmtelecom.org.np
  - Web site: www.stmtelecom.org.np

#### (ix) Local Data Network

(a) Shiv Hari Pokharel

C/O Societe International de' Telecommunication Aeronautiques (SITA)

RNAC Building, New Road, Kathmandu

Tel No.: 977-1-4229252 Fax No.: 977-1-4228314

#### 12. <u>Useful Information</u>

#### License Fee and Renewal Fee for different Value Added Services for a period of 5 years

S.	Services	License Fee	Renewal Fee
No.		Rs.	Rs.
1.	Internet (with e-mail)	300,000.00	270,000.00
2.	E-mail Only	200,000.00	180,000.00
3.	Audio Text/Voice Mail	200,000.00	180,000.00
4.	Video Text	200,000.00	180,000.00
5.	Fax Mail	200,000.00	180,000.00
6.	<u>VSAT</u>		
	a) VSAT Network Providers	2,500,000.00	2,250,000.00
	b) VSAT Service Users	250,000.00	225,000.00
7.	Audio Conferencing	50,000.00	45,000.00
8.	Pay Phone	3,000,000.00	2,700,000.00
9.	Prepaid Calling Card	3,000,000.00	2,700,000.00
10.	Local Data Network (Business Use)	2,500,000.00	2,250,000.00
11.	Radio Paging Services		
	a) Country Wise	12,50,000.00	11,25,000.00
	b) Eastern and Central Development Region (without	5,00,000.00	4,50,000.00
	Kathmandu Valley)		
	c) Kathmandu Valley	5,00,000.00	4,50,000.00
	d) Western Development Region	3,00,000.00	2,70,000.00
	e) Mid-western Development Region and Far-western	2,00,000.00	1,80,000.00
	Development Region		
	f) Selected VDC Only	75,000.00	67,600.00
12.	Trunk Mobile Radio		
	a) Kathmandu Valley	500,000.00	450,000.00
	b) Pokhara, Biratnagar, Birgunj, Bhairahawa, Bharatpur or	250,000.00	225,000.00
	Nepalgunj Municipality		
	c) Rest of the Places	125,000.00	112,500.00
13.	Video Conferencing	150,000.00	135,000.00
14.	GMPCS	1,500,000.00	1,400,000.00
15.	Limited Mobility Services in WLL Technology	2,50,000.00	2,25,000.00

### 13. Telephone Nos. of NTA

S.	Section	Phone No.	Extension No.
No.			
1.	Chairman	4446010	225
2.	Board Members Room	**	235
3.	PA Room	**	222
4.	Advisor (I)	4446008	244
6.	Administration	4446007	233
7.	Account	**	240/241
8.	Consumer	**	232/236
9.	License and Rural Telecom	**	220/221
10.	Legal	**	234/238
11.	Engineering (I)	4446005	242
12.	Engineering (II)	4435223	243
13.	Engineering (III)	**	214/218
14.	Library	-	209
15.	Registration	**	212
16.	Operator	**	9/211
17.	Security Guard	**	201

\*\* Operators No.: 4446001-4

2083201-2

Fax No.: 4446006

#### 14. MIS Committee

- 1. Mr. B.R.S. Rana
- 2. Mr. D. Acharya
- 3. Mr. A. Ghimire
- 4. Mr. U.R. Regmi
- 5. Mr. S. Adhikari