

Annex 2

Government Programme Outline of Electronic Government Affairs

Nation: *The People's Republic of China*

Province/county: *Gansu /Dunhuang City*

Programme term: limit: *2004---20008*

I. The present conditions of electronic equipment

1. The Internets: There are 34,000 fixed telephones in the city and the country of Dunhuang at present.

All the telephone subscribers who are located within the regions covered by telephone lines are connected with the Internet. There are 4,170 individuals (registered) who are on the current Internet access in the whole municipal. The government offices and the institutions are all connected with the Internet. Five private enterprises have established their own websites, which have 24 net bars.

b. In Dunhuang, the Internet is now mainly applied in the request of video frequency, the information announcement and view, receiving and dispatching the E-mail with the information, educating the system to have started receiving the long range education. Educational circles have already begun to receive the information of long-distance education. Besides, network practical affairs are gradually developing.

2. Wide-strip access

a. In Dunhuang Central Telecommunication Bureau is fitted one assemble converter, with 5 wide strips connected to Equipment IPDSLAM, which respectively get through to 100 million optical fibre and lead to five villages respectively, with a total capacity of 1200 lines.

b. There are 1170 customers of wide-strip Internet access.

3. Cellular communication

There are 60,000 cellular communication customers throughout the city, accounting for 34% of the total population. Signals of cellular communication can overlay the whole municipal scope. Cellular communication is gradually developing towards the net with a rate of 3 million. The transmission technique of GPRS has been broken through and wireless going-on Internet access service is provided for the consumers of the portable computer.

4. Cabled T.V.

In the city, the electric cable with a rate of 750 million is used to deliver 32 sets of programmes, whose universal rate attains to 100, make it widely available. The universality rate of Cabled T.V in the country reaches up to 80%, among which 5 villages and towns have realized the optical fiber inputs and 12 sets of programmes can be transmitted in the rest villages by the advantage of microwaves (MMDS). There are 30,000 cable T.V receivers in all. The broadcasting fiber optic cable trunk line net has connected into my municipal and city and parts of villages have built the fiber optic cable.

II. Prospects for the electronic government affairs

1. The project of "government internet access" will be accomplished and comparatively complete

network communicative approaches will be built among the city, the country and the village.

2. The introductive function of the net information to the industrial and agricultural production will be enhanced, the practical affairs on the network will be developed substantially, which will become an important constituent of the citizens' life.

On the net developments contain bigger result.

3. Electronic attestation will be developed rapidly and social public ethics on the net will also be improved greatly.

III. Aims for the development of the electronic government affairs

1. To amplify and perfect the website of "Dunhuang Net", make the information from the government known to the public and the communicative approaches between the masses and the administrative departments unblocked.

2. To realize the aim of signing an official document jointly on the net and carrying out purchases for the government through the network. The government is basic to realizes to have no the paper turns to

3. To realize the aim of transacting using no paper in the government agency.

IV. Circumstances about the efficiency of the electronic government affairs and the carrying out of its quota

Currently, the electronic degree in governmental affairs is lower, the computer is basically in the conditions of the single machine operation and transacting the internet access primarily aims at obtaining the information. The crowd still mainly obtains the understanding of the government policy through the written document, broadcast and television, etc., whose speed is slow and efficiency is low. The government can't still communicate with the crowd on the network. It has become the urgent matter of the moment to improve the information degree of the administrative organizations.

V. Steps of putting it into effect

Step One: Equip the administrative organizations at all levels with computers and other related facilities.

Step Two: Set up the regional net of the 3-rated organizations in municipal, country, village in conjunction.

Step Three: Carry out the electronic government affairs in an all-round way and essentially realize the goal of transacting by using no paper.

VI. Concrete measures

1. Strengthen the training on information technology and cultivate a large number of government office workers who have a comparatively comprehensive knowledge of computers.

2. Study and explore the concrete contents of developing electronics governmental affairs, establish the organization and perfect the programme.

3. Increase the funds devotion degree of the government internet access engineering to guarantee the point items should be accomplished smoothly

4. Further proceed to reform Dunhuang websites, making it have the more mighty function.

VII. Development circumstance of the current government electronic governmental affairs

1. Foundation facilities of the government electronic governmental affairs.

a. Circumstance of the break through and uses of the Internet in the government affairs

The two class governments of municipality and country both connect to the Internet(country class is primarily for the Internet access by dialing the number), Within the government of Dunhuang City, a regional network has been established with a website of "Dunhuang Net", named *http://www.dunhuang.gov.net*, which releases various news and information. The transmission "from one point to another" has also been realized by using the method of EPT.

b. Development circumstance of the electronics attestation

The government is actively planning to carry out the electronic attestation.

c. Circumstance concerning information safe

First, the sensitive data has been separated to guarantee that they will not be revealed or modified. Next, a " fire wall" has been established to prevent the virus with the black guest from coming in.

d. Circumstance concerning the training of the related personal

The personnel section has arranged to provide public officials with computer training through continuous education, some of whom are selected by the government agency to receive professional training on the electronic government affairs at the appointed training organizations.

2. Circumstance of the electronic service

a. Establishment of the government websites

At the end of July, 2003, Dunhuang hired the magnetic disk space of "conjectural main processor" without any limit of capacity and got the registration for the top national regional name and the practical name. A wide-stripped time-limited digital electric circuit with a rate of 8 million was got through to it, so that the inside net and the outside net can be applied and managed separately. The website if "Dunhuang Net" built already is able to issue various messages, news and information from Dunhuang.

b. Development of the on-line service

Administrative departments gradually promote the service of registration on the network Education organizations are trying to develop the advantage of the network teaching fully and provide high-quality and cheap educational services for those who are educated. Scientific and technological departments in agriculture are making efforts to increase the personnel's training on science and technology by the network and accelerate the development of practical service on the net in order to provide the masses with convenient and quick services.

c. Development of the services for the groups of people

a) Services given to the educational trades: On the basis of central resources, internal exchange system should be established and comprehensive superiorities from all educational units should be fully elaborated.

b) Services given to the agriculture and peasants: With the knowledge about agricultural science and technology and the knowledge coming from family education as the major contents, peasants should be helped to master some suitable knowledge about agricultural science and technology so that they can make a quick fortune and they can improve the scientific level in educating their children.

c) Services given to the groups of people at different stages of age: social communicative needs of the groups of people at various ages should be satisfied so as to put forward the construction of community culture.

VIII. Outlook for the future

Putting completely into practice the government electronics education plan will bring the booming development of the electronics governmental affairs, electronic commerce, offering the vaster space for the development in Dunhuang society and economy: The executive can rely on the network to buy and sell the products, mutually exchange and offer service; the learner can make use of the cheap cost of the network to obtain the knowledge fast; the social service organization, regarding electronics attestation as the foundation and making use of the great advantage of the network, provides the more high-quality service. Dunhuang, a western falling-behind region, can tightly hold the opportunity of the information ages certainly and rely on the network to realize rapid strides in economy, society and culture.

Supplement of the Government Documents

Developing Plan of Dunhuang' Electronic Commerce Purpose

The rapid development of information technology (IT) brings out speedy and convenient development of the industrial and business corporations which we have never had before. At the same time, it lets them face much more competitive pressures and commercial risks. In order that the electronic commerce of the whole city can develop regularly, healthy, as well as quickly, what is more, we can provide valid information resources support for industrial and commerce corporation, especially for medium of small agricultural companies and small local specialized handicrafts. That is, they can make good use of Internet, get rid of their own circles, strengthen publication and then create our own hit brand. That is why we made this plan.

Developing Steps of Electronic Commerce

Period 1 Set up and to complete with everything about basic constructions, preparing some physics materials for its development.

1. Set up and complete net center of both town and rural ones. Rural towns should collect their present money to build a IT center, which is based on net center of country

middle schools, can be considered has comparatively applications needed, it can contain 30 persons each time.

2.To further complete insert instruments of broadband. Every town can realize 100 Omen glass fiber, and it can add up to about 300 Omen totally.

3.Conducting and supporting the construction of net bars. Rural areas can based on schools, build bars which have community benefits, inserting into Internet, using the same IPC, providing a net platform for overwhelming utilization of the net. In the city, those commercial bars belong to separate should be encouraged to build regularly.

4.Spreading up our measures to increase net users. Telecom corporation take popularize measures to attract many more communities and individuals to surf the net by broadband and dialing, do our best to make the net users take up 30 percent of all the fixed phone users.

Period 2 Strengthen publication and training, to prepare necessary human resources for the development of the electronic commerce

5.Training teachers both city and towns. The rate of the teachers' IT training must arrive at 100 percent. Computer teaching can be made full use of in all the subjects.

6. Opening completely information technology to the students according to the standard of the circumstances, so that students can receive information technology over-all acquiring certain skills, through computer they can learn and communicate with others freely.

7. We can spread IT to Ss' family members and other in the society through our students, in order that they can participate in the training and then master some basic skills of communicating online.

8.Encouraging individual industrial associations to further advance telecom business, by which bring some middle or primary school producers and some local craftsmen into our process of developing telecom business.

9.Making good use of teaching resources and taking it as a center. At the same time set up a special web page which is supported by teaching resources center, offering help for mini-sized companies and craftsmen. Meanwhile it can help stimulate their interests of realizing telecom business to communicating by surfing the net. Above all is good for us changing the government's calling gradually into a self-consciousness behavior of small and medium sized companies and craftsmen.

III. Time schedule as well as duties of related departments

10.The time for plan of developing telecom business: the year 2004-2008. Period 1 (the year 2004), period 2 (the year 2005-2006), period 3(2007-2008).

11.Teaching department in charge of safeguarding of the net and training. Agricultural department and the industrial and business union of the city are responsible for disseminating of the telecom business; the government of the city and towns have the duty to

collect capitals, dealing with relationship with other department, helping examine and estimate the carrying out of the plan, speaking highly of those communities and individuals have a comparatively remarkable achievements.

Dunhuang Government

April 6th 2004

Developing Plan for Dunhuang's Tele-culture

I. The reason for making a plan for the development of electrical-culture

Dunhuang lies in the most point of Hexi Corridor, a cross point of Gansu, Qinghai, and Xingjiang Provinces, is a region which has a highly develop speed and enjoys highly degree of opening. At the same time, Dunhuang is an ancient town enjoys a highly reputation and around the world for its flourish history and culture, where some cultural relics are completely preserved, is famous for its abundant tour resources. Owing to nature and human's activities, we have trouble in protecting and developing cultural relics and special local-oriented culture. It seems necessary and urgent for us to take steps to tidy, protect, publicize and develop our cultural resources by using information technology.

II. Statements covered by electrical-culture developing plan

1. There are around 541 cultural and history relics totally, Mogao Grottoes included.
2. Natural sceneries, including Half-moon Spring and Yadan landforms.
3. Culture of local folkways, such as local folkways and traditional local opera and so forth.

III. Basic equipments for electrical-culture development

1. Using science technology as a main means towards the protection of culture relics in Dunhuang as well as some research work. Do everything we can do to realize digital control to some state protect programmes e.g. Mogao Grottoes. It should be encouraged or supported that all the world classes tidy and republic some local-oriented and records. In that way, local culture can be well protected and developed further.

2. Completing with everything to set up a culture net which connects city, town and countryside, certain science technology equipments are necessary and needed, making full use of net technology to protect and put forward our culture.

3. Speed up our steps to develop culture industrial. Giving positive guidance and encouragement to other social forces' protection and digging out of our electrical culture. Gradually we can form such a model to cherish our local culture, that is, government as a leader, companies play a role of operation and then market adjust it.

4. For developing forward of local culture, we must take measures in training and making a group of intellectuals who can devote themselves to the protection and excavation of culture.

5. Giving strong force to put forward the process of tour industrial's digitalization.

Stressing our advertising, upholding our science quality, attracting more and more people's coming and let them enjoy Dunhuang culture, then we can gain a good reputation day by day.

6. Strengthening the basic construction of it both education and culture development. Bringing special local electrical-culture products into local circumstance of middle and primary schools, so that we can accumulate forces to uphold our culture in the future.

7. Advertising and motivating the whole society thoroughly, gradually form a society scale self-consciousness to protect culture, attracting more and more people participate in our construction of electrical-culture.