

Format for Projects Seeking TEK Funding

A. Project Design

Project

01. Name of Project: *ICT-ERC Project in Dunhuang*

02. Name of the working group or committee taking responsibility for the project and the dissemination of its results: *Dunhuang People's Government and the Bureau of Education in Dunhuang*

Objectives

03. Efficiency to Implement ICT-ERC Project:

Implementing of the ICT-ERC Project will accelerate the pace for our city's informative building to shorten the huge gap of digital between our city and eastern part and big cities of our country, and give a strong push to the development of our commercial and society, and make a strong basic to accelerate the gradual shift from agricultural society to internet information. The benefit of social economy is remarkable. It can improve the development of our city's informative education and it can improve the farmers' living standard.

a. Rapidly change people's views to information, and shorten the gap between people and information society.

b. Enhance the quality of the peasant laborers, and provide an information stage to the development of agriculture in order to increase the peasants' income.

c. Speed up the course of the education information in Dunhuang, and promote the development of the education in the countryside to make great strides.

d. Try to make people all over the world know about Dunhuang, and promote the tourism industry to develop rapidly and make it a key industry in Dunhuang.

Linkages

04. Organizations and Persons Benefited

a. People directly benefited: Students, teachers and country labors in rural areas. Teachers and students in rural schools will accept the same IT education as those in the city because of enlarging the number of computers and using net through which the students and teachers in rural schools will obtain more knowledge rapidly and villagers will not only learn and master more advanced techniques and knowledge but also rationalize manufacture and selling.

b. Government organizations benefited: Setting up educational resource net can improve electric government affairs. The administrative body can guide policy and codes, guide the villagers to balance planting construction, develop skill training and get right information to adjust administrative policies with the help of the Internet.

c. Commercial organizations benefited: Industry and commerce enterprises. Commercial organizations can get to know the requirement of market, understand its related policies, train its staff, carry out communication and cooperation through the Internet.

05. Commercial organizations participating, private enterprises, non-governmental organizations and participating manners.

Participating enterprises: Dunhuang telecommunication company.

Participating manners of governmental organization, commercial organizations and personal enterprises and non-governmental organizations.

- a. Dunhuang government and each town government are in charge of raising 161.7000 Yuan(RMB) and organization and coordination of the project as well as supervise the implementing situation of the project.
- b. Dunhuang Education Bureau will take charge of the related places and persons of the project and spread the project's positive result.
- c. Dunhuang telecommunication company will provide techniques, take charge of building optical cables and the exchange operator room and net, also take charge of its post-building safeguarding.
- d. Lanzhou University will look through its software and hardware and will supervise and check the building of the network.
- e. This project is being taken up with Qian Xiang`Wan Cai company but at present hasn't got any result.

06. Effects to the related items:

The project will completely promote school information technique education of Dunhuang. It will take an active part in the government net project and adjusting the village production structures.

07. Some information about the receiver of this project.

- a. There will be 25,595 students and 1,569 teachers who will receive the information education in time. School modernizing education installment will be improved. The quality of basic education will also be efficiency improved.
- b. More than 70 thousand villagers will accept new knowledge, set up new view, master new techniques, realize rapid becoming rich by network study groups of parents, teachers and students.

Budget

08. Classified budget

- a. Transmission equipments: including broadband cutting in exchange, light-electric transform and models, add up to \$226,118.
- b. Network equipments: including server, exchange, worksite, stable electric resource, laser type recorder, liquid projector and so on, add up to \$ 447,642.
- c. System practical software: including series equipment, firewall, educational software and so on, add up to \$27,206.
- d. Network classroom renovating project fitting up, add up to \$50, 786.
- e. Three-year operations: add up to \$235,792.

The whole project investment is \$987,544. \$792,019 will be planed to get from TEK Foundation. \$195,526 will be prepared by local government.

09. Fund Schedule

The first year (2004): ICT-ERC basic equipment building. \$751,753 will be paid in advance. \$78,579 will be invested as fixed investment. Provide computers and relative software needed by the project. Build educational resource network, start this project and safeguard its operation.

The second year (2005): Stuff training and achievement spreading. \$78,579 will be invested as fixed fund to train the stuff and operate.

The third year (2006): Spreading the achievements.

Project Evaluation

10. The evaluated details of the project achievement

1. TCT-ERC construction of the basic facilities

- a. After the project is finished, it will be set up a center of the education resource in Dunhuang. Eleven village web sites will be set up in the village middle school. It will be built up 3 village web sites in Yangjiaqiao. 30 computers will be equipped in each center of the village web information. 20 computers will be equipped in each village web site. 30 computers, 3 server and one exchange operator will be equipped in each center of the city educating resource.**
- b. The web of educating resource will be built up by making use of web site equipment in Dunhuang telecommunication company. It will use more advanced star web structure. It will accept the ether web technique at the speed of 100 trillion, at the same time, it can be connected with desktop users at the speed of 10/100mbps, country net center, village net station and center of city-scale resources can be connected together through VPN.**
- c. It is based on the school. It will be built up 11 Internet bars to get through the web. In this way, students and teachers in the school can get the information which they need on the web. It can change the undeveloped state of the village information.**

2. The popularization of the project achievements and superintended management

- a. The center of the web information in village middle school serves to the teaching of the school course. The courses about students' information technology, the second course and teachers' training will develop according to the standard and the desire of the continuous education. The activities will keep a record.**
- b. Make use of the school site and teachers' advantage to hold the training of students' parents. Parent school mainly contains scientific knowledge and the scientific education. It will hold 4 times every year. Yearly training will cover 90 percent.**
- c. The information center of the country Internet will co-operate the short -term training of country technology school, and it will build the training base of agricultural technology. The training mainly contains the technology of becoming rich and exchange of information. It also contains law and codes. Advantages of Information training will be spread to rural place and other workers. About over 1/3 villagers will accept the information training annually.**
- d. Dunhuang educational resource center will not only provide resources for its subordinate net central but also take charge of supervising and guiding. It will hold concentrated estimate twice each year.**
- e. Lanzhou University will be invited as ERC of information technology on this project.**

II. Promise of construction committee.

1. Dunhuang government will tightly cooperate with the secretariat of IRFO/FER/CIER. So as to organize and get ready for the pre-period preparation carefully and in time, arrange the 1,617,000 Yuan (RMB) promised in the project plan. Organize the project construction according to the bilateral agreement. Check the quality of the project regularly. Deal with the problems to occur in the process of the operation in time. Cooperating with the secretariat actively to check and estimate the construction and operation of this project in order to make sure that the bilateral agreement will be decided in advance.

2. After the project is finished, Dunhuang government will spread the achievements actively to fulfill the net stuff training by organizing each town government to work together with their relative organizations closely. Hold informational technology training to the students and villagers according to the plan. Fulfill annual spreading target and expand this project according to the real situation.

3. Dunhuang government will make a serious promise: Before this report was applied it had been detailed expounded and proved. Dunhuang government approved to carry out ICT-ERC Project in Dunhuang.

Gender Criteria for Formulation and Evaluation of Projects

Objectives

1. How the objects of the project provide benefits for women:

a. The Project can ensure women's rights and interests in order to let them receive more education actively. Completing the education resource centers is very important for women in the countryside to receive more educational information, and it can provide richer education resource to women. It can also provide another way for women to receive education. We can help peasants to change some old education ideas. Let peasants realize that deposing women in the countryside is wrong today. Women in the countryside must have the same chance to receive education. The government should make women receive proper education in modern society.

b. Raise women's labor efficiency. In all there are 37,000 women laborers in the countryside in Dunhuang, and they are the main laborers. The education resource centers will offer them more effective knowledge and techniques to reduce women's intensity and raise labor efficiency.

c. Raise women's social position. The education resource centers will produce a marked effect and they can effectively promote people changing their old ideas. They can also help women to share the equal social position and offer the help to women to uphold their own rights and interests.

Linkages

2. We must pay much attention to way and means when women take part in the project.

a. Women can learn knowledge and skills through the town network information centers and benefit from them. They can help women to improve the educational standard.

b. The town network information centers will support the work of women training schools, and organize special training and study to women at fixed time each month.

c. The town network information centers will appoint some excellent women to be network managers. The Women's Federation in the city and towns will have special annual assessment about the dissemination of the project's results for women.

Dissemination of Project Output

3. The communication methods that are appropriate for women in the dissemination of the project's results.

a. The education resource center in the city will build special website for women.

b. Each town women computer train station will be the special train agency built for women.

Budget

4. Women have the rights to make decisions on the allocation of resources. The Women's Federation in the city and towns can ensure the women's rights.

5. The budgets for women's activities: 100,000 Yuan(RMB) will be used to build women's website, to pay the salary for the network managers and other fee for running the projects.

Assessment of Project

6. The level of the assessment of project for women's rights and interests.

a. ICT base facilities: After completing the project, 11 women computer train stations will be built in

the city and towns. We can provide 55 computers to women and all these computers will be connected by internet. All kinds of office facilities will be equipped.

b. The Women's Federation in each town will carry out training and communication twice a month. About 60% of the women in Dunhuang will be trained each year.

c. We will build a name register about the women's study and their starting business in women's website. And we'll have a special assessment half a year about achievement of the society and economy which is made by women's training and communication. In this way we can assess how the participation of women has been carried out.

d. As a supervision agency, The Women's Federation in Dunhuang will have a fixed date to assess and survey the case of women's taking part in the projects and then publish the results in website.