

The management of scientific research projects in local universities

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Abstract

With the increasing development of science and technology, and state and local governments paying more attention to the power of science and technology, many local universities are faced with a series of innovative management environment, such as, the growing amount of scientific research projects substantially, the improving level, the wide areas involved, which put forward some new requests in projects management for local universities. According to this question, the scientific research projects management in local universities are ought to make the thinking correct, the essential captured, the supervision strengthen, the distinguishing feature stand out. And local universities should, in the links of research project application, project initiation, project inspection, project accepting and the use of funds strengthen the management, improving the quality projects management, enhancing the comprehensive strength of scientific research.

Keywords: scientific research; scientific research projects management local universities

In recent years, as the role of science and technology highlights increasingly, together with the great value and support from state and local governments in innovation of science and technology, the personnel training of science and technology, the construction of science and technology platform and the transformation of achievements in science and technology. The state and local government take the development of science and technology seriously, expanding the research fields of science and technology year after year, abundanting the research contents, and increasing the amount of capital investment, which supplied necessary financial support to the local universities engaged in scientific research, especially for the local universities that are lack of essential funds and technology. Previously, due to the channel of the availability of the science and technology information is single, only through the superior scientific research management department issuing a research project indicators, so it is limited in scientific research projects being engaged in. In addition, the local universities in the capital area is generally inferior to other universities, many scientific researches are affected without adequate financial and technical support. Therefore, being played an important role gradually by the state and local government in innovation system of science and technology, the scientific research activities of the local colleges and universities, are increasing little by little. Accordingly, the local colleges and universities are not only provided with favorable opportunities but also confronted with a new challenge, in the aspects of building and perfection of scientific research management, scientific research projects management, scientific research rules and system, scientific research facilities, scientific research platform construction and so on. Especially, in scientific research projects management, the local colleges and universities need

strengthen the management in the following links: projects application, projects initiating, mid-term examination and projects acceptance.

1. The scientific implication of scientific research projects management

Scientific research project is mainly divided into longitudinal and transverse projects , mainly including the national projects (national level major projects, national key projects, national general projects), the Department of provincial projects, hall bureau class projects, the school fund projects and other projects laterally, mainly refers to the international cooperation between countries, Ministry, appoint issue;, province, hall, city, District Department of science and philosophy and social science planning office projects and the task of ranking being made known to lower levels; scientific research projects and research tasks, Research Institute; school project optional subject; cooperative task (with funding support); project management mainly refers to the project management in the actual operation,the scientific research project management refers to carrying out the the work of implementation and supervision correspondingly, on the topic of the project application, project feasibility studies, project metaphase examination, examination and acceptance of projects, agreement (contract), the rational use of project funds the promotion and transformation of achievement and other aspects. Its purpose is to make scientific research projects management systematically and scientifically, not only to emphasis the project quantity, but to guarantee the projects' quality, to make the schedule and cost achieve optimization , while minimizing the risk of project failure, and actively contributed to the successful completion of the program, cultivating more achievements, training more talents, improving efficiency, enhancing the comprehensive strength of science and technology, the service abilities to the local economy and the competitiveness at home and abroad.

2. The main contents of project scientific research management in local colleges and universities

From the practice and rules of scientific research project management in local universities, the integrity scientific research project management work can be divided roughly eight links from the operation process, which are project reporting, project evaluation, project recommendation, project contract (agreement) signed the budget allocation, use, project inspection, examination and acceptance of projects identification, the transformation of scientific and technological achievements.

At present, the longitudinal projects, including national, provincial, Prefectural or departmental level project,

Ministry of education, and the base of philosophy and the project base of Social Sciences in Humanities and social science , all of them can be divided into two main categories in the method of reporting: one is free to declare without any limits, the teachers, whoever just meet the basic requirements can declare ,

such as the project of national social science fund, National Natural Science Fund project, the projects of the Ministry of education for Humanities and Social Sciences, and soon .As for these projects, there are no more requirements in qualifications, titles and other demands, except for the applicant's age restrictions on the project selection. It is a better chance for the local colleges and universities to achieve the projects. Therefore, this type of project is most actively declared, the scientific research management departments in the local colleges and universities will accept all the declaration, and try to deliver to the higher authorities actively. whether the project can be smoothly through the provincial-level scientific research management audit or whether the project funding by the superior competent departments or units to come to a decision, that is to say, it is up to the fate and luck. On the contrary, the other kind of project is different from the first class, which has some application requirements, take the quota for example, it is generally limited, such as the projects of Ministry of national science and technology, the projects of hall of province science and technology and so on. Sometimes, there is an only one or two quotas for each local colleges and university. Some even is not eligible to declare. Under this condition ,the local colleges and universities will select the best person to declare among the applicants on the basis of the principles: fair and just principle", by specially organizing some experts to make a decision to declare the most suitable candidates for the report, according to the application form and the applicant's himself strength and scientific comprehensive talent.

Horizontal project, mainly refers to the college teachers obtain the projects and funds, taking advantage of the school name or resources, by cooperating with the local government and enterprise, providing them with technology, knowledge, equipment or personnel and other services. Such projects generally requires both parties to agree, and signed a project agreement (contract) or letter of intent, cover two or more units of the official seal. Either the longitudinal or transverse projects are made up of universities scientific research management departments, whose funds are unified managed will put forward a certain percentage of management fees, according to project requirements or quantity symbolically .The two parties of the contract commonly are asked to undertaker strictly comply with the requirements in the agreement, make sure to complete the research projects having the good quality on time.

3. The status of the scientific research project management in local college and university

(1). In recent years, due to the great support from the state and local governments in respect of development of science and technology ,many local colleges and universities have to seize this favorable opportunity to develop scientific research, and actively carrying out various incentives ,such as elect the " top ten" of scientific research", the backbone of scientific research", " scientific research talents" and other aspects of the selection and, to encourage teachers to be actively engaged in the work of scientific research. Therefore, the amount of declaring the projects substantially increased in local colleges and universities. but ignoring the project quality , being lack of the correct guidance to the project declaration, causing the teachers declared the projects blindly, not actually, without the characters, and leading the

successful rate is extremely low. Other local universities pay more attention to project application and scientific research achievement award, and ignored in the process of project implementation supervision, resulting in a "two" phenomenon.

(2).The local colleges and universities are lack of orderly management to project item, and make the planning management and achievement management distinguish strictly in the local colleges and universities in the process of projects management, resulting in the management of intermediate link seriously out of line and role confusion. Still less ,for being not monitor to the project progress , project budget and other aspects of the regulatory, the delay phenomenon is serious, concluding rate is low, and the use of funds is unreasonable, which have affected in some way the reputation of the local colleges and universities in the country.

4. The advice for the scientific research project management in local colleges and universities

(1).The research project management in universities have to practice. The scientific research project reports are first ought to make the thinking or local colleges and universities, not blindly following the trend, the position accurate, and the local characteristics highlight, to correctly guide the teachers establish selection, in the school according to individuals, schools and local actual situation rather than simply the pursuit of quantity.

(2).The scientific research project management in local colleges and unversities should be scientific. Local colleges and universities must carry out strict and positive management in each link attached to the projects, who should not only pay attention to the project schedule,and concluding ,but also the inspection and acceptance; both emphasized the achievements management also should pay attention to process management.

(3).The scientific research project management should be modernization. As a result of the various local universities' scientific research items, involving a wide range of various projects, with different requirements,there is much difficulty for the local colleges and universities in the process of scientific research project management in difficulty in the process of project management .It is a good way for the local colleges and universities to introduce modern project management concepts on scientific research project, implementing the dynamic management, strengthen dynamic management, make full use of modern means of the projects to achieve all-around and whole process management, set up an innovation team who is special, with strong strength of the scientific research, actively to strive for research projects, improve the scientific research project completion rate, strengthen the service ability of the local economic development ,as the result of the promotion and transformation of science and technology.

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