Research on Imagine of creating the Psychological Counseling Room of Our College From the Aspect of Construction Project Management

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Keywords: Management of construction's project; Psychological counseling room; Inviting bids; Imagine; Work breakdown structure (wbs)

Abstract. For his new vocational and technical college with a national first-class psychological counseling room, the author as a project manager, using the method of construction's project management and operational research in detail discussed management's imagine of construction's project in the activity of creating the psychological counseling room of his college, through information feedback of the engineering practice of reality, felt its theory, thinking, method's function is profound in the practice, its theory, thinking, method's value is tremendous in the practice, it has unlimited application and promoted prospects.

Introduction

The managements thought of constructions project has been widely used in the world and has been widely applied in practice. Thus promote its ideology more concise, spiral enhancement and sublimation. At present, it has become more and more common to transfer its ideas and opinions to other projects and activities, but it is rare and unique that its theory is carried out in the creating of psychological counseling room. [1]

Advantages of Creating the Psychological Counseling Room Using the Management's Theory of Construction's Project

It Is Helpful for Property's Owners to Save Costs and Control Project's Cost. At the stage of preliminary design and the construction's drawing design it has superiority of quota design.

The quota design is controlling preliminary design according to the authorized report of feasibility study and investment estimate, controlling design of technology and construction's drawing according to the total budget of approved preliminary design, and controlling design under the premise of guaranteeing each specialty to achieve the use function according to the investment quota which is assigned, strictly controlling the unreasonable changes ensures that the total investment not be broken.

Optimization design is based on the theory of system engineering.

Applicating modern mathematical achievement -optimized technology and with the aid of computer technology, carry on most optimized design's method to the aspects of engineering design, equipment selection, parameter matching, benefit analysis, feasibility and so on.

Carrying on the dynamic management to the project construction cost. [2]

The chief design engineer and construction cost engineer can carry on analysis and research on the emerging issues during the implementation of the cost plan, and timely take remedial measures. The emphasis on the practice of cost management in the process of project implementation, reflects the dynamics of cost control, and pay attention to dynamic characteristics of "along with the environment, the work as well as the change of price adjusting the cost control standard and the control method" owned by the cost management.

It Is Helpful for Engineering Design Improvement and Technical Innovation. Accepting advanced technology

Science and technology are productivity; high-tech is rapid developing in today's society. A person who first mastered advanced technologies will have the first market. The counseling room

may apply advanced technology such as new material, new craft, advanced organization design proposal, method in the design and the construction. [3]

College entire journey participating project management

Involved in the whole process of procurement, construction, commissioning, and closely contact with the relevant market, college is more clear to technical requirements for manufacturing and construction. And directly can apply the occurred problem and lessons in continuous improvement of subsequent engineering design, may cause the engineering design level to promote unceasingly

It Is Helpful for Improving the Overall Management Level of Project. The overall adjustment and control

You can take advantage of the overall adjustment and control for a project. Can fully grasp entire process, omni-directional progress situation of the project; through the specialized careful analysis and management, can combine schedule, cost, quality and safety to achieve resource optimization in maximum limit, thus cause progress, expense, quality, safety to be controled in the fixed target values scope. [4]

Talent advantage

Project management needs compound talents of understanding design, procurement, construction management, engineerings business, and good communication to improve the overall level of implementation of projects and speed up the pace with international standards. But this kind of multi-skill talented person who both be skilled in psychological consultation and be good at engineering project management is unseldom in our college.

Experience advantage

In the process of new old school area's construction and management, we formed and accumulated very many experiences and the achievement. We are very familiar with the whole process of construction project work, and also the collaboration mode of all participation quarters. The project management service carried on by my college personally, so as to achieve the purpose of improving the overall management of the project [5]

May Reduce the Risk of the Project. Investment will definitely be accompanied by risks, investment risk is that the owners are most concerned about, investment risk is also the most difficult to control. Project management services can help owners to properly identify risks and propose reasonable risk-averse, to minimize damage. In the process of projects operation, through the whole cost management of the construction preliminary stage, engineering design, construction, completion, the payment stage , and means of setting up condominium account and the owner's , to reach the purpose of reducing the risk of investment. [6]

Can Focus Main Energy of Our College on Teaching. The professional, well-equipped, strongly technical project management company can make our college acquire technical guarantee in the process of implementation the project, needn't walk again the old route of from the first line of production reassigning the technical backbone to compose construction group temporarily, thereby avoiding the question which reassigned technical backbone cannot be well placed at the time of affecting our colleges regular production and appearing projects end

The Project Management Idea of Constructing the Psychological Consultation Room of Our College

Tender. For highly professional psychometric tools and instruments, we organize invitation tender. Agreed by leadership of our college send out the invitation tender to the global well-known top psychology organization of consultation immediately .Construction and decorations public tenders [7]

Procurement Management. under leaders vigorously support of our college, one after another in the market purchase an computer, a duplicator, a printer, a television, a fixed telephone, a video disc player, a projecting camera, a camera, a radio cassette player, 300 psychology books and reference materials, the massive files, a cream-colored filing cabinet, a cream-colored material cabinet, five sets cream-colored comfortable and warm chair (sofa) , five cream-colored tea tables, two cream-colored desks, a clock, two sets of drinking water appliances, a massive facial tissues, a

yellow-green curtain, a grass green curtain and so on, on the wall pressing a mailbox outside the gate. [8]

Carefully Plan Approximate Whereabouts of the First Years 2000 Yuan Fund, Establish Correspondingly WBS.

Figures 1. WBS

Arranging Lessons Hour. When arranging duty roster for our four counselors, in accordance with the principle of operational research knowledge I maintain quality and quantity as scheduled carry on the psychological consultation to the student; also guarantee under the premise of causing our four psychology counseling teacher best to display respectively oneself consulting expertise , cause the psychological counseling expense is the least and achieve this kind of optimization. [9]

The psychological counseling room will next semester prepare to arrange four psychological counseling teacher to provide four aspects ' psychological advisory services for schoolmates. Known preparing lessons hour (week) of each teacher preparing various aspects consult as following table, asked how assigns the times (week) the duty, can cause the total hour to be lowest.

Table 1 Four teacher counseling class hours(week)

courses teacher	B1	B2	B3	B4
A1	10	9	8	7
A2	3	4	5	6
A3	2	1	6	2
A4	4	3	5	6

Solution:

10	9	8	7	line make zero	3	2	1	0	column make zero
3	4	5	6		0	1	2	3	
2	1	6	2		1	0	5	1	
4	3	5	6		1	0	2	3	
3	2	0	0	reconstruct zero	B1	B2	B3	B4	
0	1	1	3						
1	0	4	1		A1	4	3	0	0
1	0	1	3		A2	0	1	0	2
					A3	1	0	3	0
					A4	1	0	0	2

lineation number= Designation number =4

optimum programme 1 optimum value Σ 16week

$\overrightarrow{A2}$	B1	3	$\overrightarrow{A4}$	B2	3
$\overrightarrow{A1}$	B3	8	$\overrightarrow{A3}$	B4	2

programme2 optimum value Σ 16week

$\overrightarrow{A2}$	B1	3	$\overrightarrow{A1}$	B4	7
$\overrightarrow{A3}$	B2	1	$\overrightarrow{A4}$	B3	5

Risk Management. in the aspect of software' s risk, whether the psychological counselors moral character and accomplishment are high or not; whether the psychological counselors professional and technical skills are high、precise、sharp or not; whether the psychological counselors practical experience is rich or not. Especially there is a big risk in psychological measurement、statistical software. If misusing unrealistically can bring a bigger twist, the distortion of psychology to visiting clients. whether the funds ' division is reasonable or not, the unreasonable funds ' division can cause the funds anxious and insufficient.in the aspect of hardware' s risk, whether construction and decoration's quality attains a designated standard or not. [10]

Quality Management. for the unit engineering, according to the complete construction process from each subproject (ground and foundation; main structure; decoration; roof; water supply, drainage and heating; electric; intelligent building; ventilation and air conditioning) with the strict quality control. Our college invites the stated official supervision engineer, and Puts forward a higher request on the engineering quality. For not up to the building of mandatory standard should be strictly order demolition and reconstruction. [11]

Progress Management. counseling rooms in a total period of half a year's time must be put into use. Duration cannot be delayed; the investment cost cannot be overrun.

Table 2 Progress management

num ber	subproject	time limit(today)																																
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1	foundation																																	
2	main body																																	
3	decoration																																	
4	roof																																	
5	supply drainage																																	
6	heating																																	
7	electricity																																	
8	intelligence																																	
9	ventilation																																	
10	hardware tender																																	
11	program																																	
12	equipment bidding																																	
13	propaganda disappears harms																																	
14	personnel training																																	
15	wbs																																	
16	modelling																																	

Conclusion

Counseling room through operating time's inspection from start to completion, fellow professionals, seniors, peer's assessment and acceptance, unanimously agree that management's imagine of construction's project in the activity of creating the psychological counseling room of our college is advanced scientific, new and unique, obtain the unprecedented achievements and industry and society 's well-knowingness, set up a flag for practice of the engineering project's managemental theory, later will be supposed to promote the application vigorously in each work.

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