

Assignment No 2 C. Management

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Construction Management:

Construction management is a professional subject service that provide a project owner with effective management of the project's schedule, cost, quality, safety, scope and function.

Types of Construction Management:

There are four major types of construction project.

① Residential Building :

The first type of construction is residential housing construction which involve building repairing and remodeling of structure for the purpose of housing people. supplies or equipment

It include apartment, townhomes
condos, nursing homes etc.

2) Institutional and Commercial building:

This type of construction encompasses project school, sport areas, shopping centre, hospital, Stadium, retail stores and skyscraper like the residential housing construction. Institutional and commercial building involve both putting up of new structure and repair and maintenance of existing structure.

3) Specialized industrial construction:

The third type of construction is specialized industrial construction which entails building structure that require a high level of specialization as well as technical skills in planning construction and design.

typically this type of construction is carried out by profit or industrial corporation.

④ Infrastructure and heavy construction:

The last type of construction is infrastructure and heavy construction which encompasses building and upgrading at railways communication and roads railway to the surrounding of city or existing building. This type of construction usually done due to the public interest and is often executed by government.

Qno 2 Project life cycle:

The project manager and team have one shared goal; to carry out the work of the project for the purpose of meeting the project's objective. Every project has a beginning, middle period and an ending (either successful or unsuccessful).

A standard project typically has the following four phases

1) Initiation phase:

during these phases the project objective or need is identified; that can be a business problem or opportunity. A feasibility study is conducted to investigate whether each option addresses the project objective and a final recommended solution is determined. Issues of feasibility (Can we do the project?) and justification (should we do the project) are addressed.

Once the recommended solution is approved, a project is initiated to deliver the approved solution and a project manager is appointed. Participating work groups are identified and the project team begins to take shape. Approval is then sought by the project manager to move on to the detailed planning phase.

Planning phase:

The next phase is the planning phase where the project solution is further developed as much detail as possible and the steps necessary to meet the project objective are planned. In this step the team identifies all work to be done. The project manager coordinates the preparation of a project budget by providing cost estimates for the labour, equipment and material cost. The budget is used to monitor and control cost expenditures.

during project implementation.

Execution phase:

During the third phase the implementation phase the project plan is put into motion and the work of the project is performed it is important to maintain control and communicate as needed during implementation progress is continuously monitored and appropriate adjustments are made and recorded as variance from the original plan. The project manager use this information to maintain control over the direction the project by comparing the progress report measure the performance of the project activities and take corrective action as needed.

Closing phase:

during the final closure or completion phase, the emphasis of an releasing the final deliverable to the customer handing over project documentation to be, business terminating.

Supplier Contract release project
resources. the last remaining
step is to conduct lesson
learned studies to examine
what went well and what didn't
through this type of analysis
the wisdom of experience is
transferred back of the project
organization which will help
future of project team.