HERGUAN UNIVERSITY

BUSINESS ADMINISTRATION

PJM 530

Assignment

Triple Constraint in Project Management

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**Triple Constraint in Project Management**

All of the projects consist of certain constraints such as cost, quality, scope, time, resource but the 3 important constraints that was agreed by the well known Project management institutions are cost, time and scope. Without managing these 3 factors within the project could lead the failure.

**Scope :** The scope of the project is identified up front and describes the work that needs to be established during the project. Without well defined project scopes mostly cause a scope creeps and it impacts to time, quality and cost of the project in a negative way.

**Time**: After scope is identified then schedule of the each deliverables need to be established. The amount of time required to produce the deliverable will be directly related to the amount of requirements that are part of the end result (scope) along with the amount of resources allocated.

**Cost:** Each resource who are allocated to the deliverables requires dollar amount to estimate the cost of the project. Each project has a budget and within the given scope of the project, cost has to be within the budget to not create cost overrun. Cost itself consist of various other things as well within the project, such as: labor rates for contractors, risk estimates, bills of materials, etc.

Triple Constraint, which represents a triangle, is that one cannot adjust one side without affecting the other sides. So for example, if there is a request for a scope change through the execution of the project, the other two attributes (cost and time) will be affected in some manner.

Project manager always needs to determine that the scoped requirements cannot be accomplished within the allotted time, both cost AND time are affected.

**References :**

* Scope, Time and Cost – Managing the Triple Constraint - Program success

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| * **PMI article -** Manager's challenges--managing constraintsManagers' challenges managing the Constraints * **PMI article** - How do you measure project success? Rethinking the project success |
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