Software Project Management

Lecture 22

Managing Contracts and People

Monitoring contracts and people:Introduction, type of contract, stages in contract placement, contract management, acceptance

c

Introduction

- The buying in of both goods and services, rather than doing it yourself is attractive when is money is available but other less flexible, type of resource, especially staff time, are in short supply

- Potential suppliers are more likely to be flexible accomodating before any contract has been signed than they will be affordable

Type of contract

- The external resources required could be in the form of services

- A simple example of this could be using temporary staff on short term contract to carry our some project tasks

Type of contract(Cont..)

- Contract could be placed for the supply of a completed software package. This could be

- A basepoke system

- Off the shell package

- Customized off the shell software

Type of contract (Cont..)

Another way of classifying contract is by the way that the payments to supplier is calculated. Some of them are

- Fixed price contract

- Time and material contract

- Fixed price per delivery unit contractsthem are

Type of contracts(Cont..)

Approach that is used in contractor selection is

- Open

- Restricted

- negotiated

stages in contract placement

- Requirement analysis

- Evaluation plan

- Invitation to tender

- Evaluation to the proposals

Typical terms of a contract

- Definition
- Form of agreement
- Goods & services to be supplied
- Ownership of the software
- Environment
- Custmer commitments
- Acceptance procedures
- Standards

Typical terms of a contract (Cont..)

- Project & quality management

- Timetable

- Price & payment methods

- Miscellaneous legal requirements

Contract management

- We need to consider the communication between supplier & customer while contract work is being carried out

- Decision point

- Future direction of the project

- Development cycle

Acceptance

- Acceptance testing
- Time limit
- Pre acceptance testing
- Perid of operational running
- Period of warranty