



# Pasargad Chalic

## Since 1995

پاسارگاد چلیک

شماره ثبت: 131038





## *Introduction*

Energy, as the driving fuel of economy, plays a unique role in today's world. Development of the energy resources is held to be an essential to Economic Growth, and disregarding this aspect will result in damages hard to be compensated.

In line with its mission to export engineering equipment and services, **Pasargad Chilic** Company has conducted projects in global power, water and energy markets awarded through international tenders or direct negotiations.

In general, **Pasargad Chilic** activities are classified into following categories:

- Marketing Intelligence
- Market Research
- Project Management
- Implementing projects on a Turnkey basis
- Executing project on a GC/EPC & EPCF



**About Us** :Pasargad Chilic Group is ready to present engineering, procurement, construction, maintenance (EPCM), and project management services to the governments and clients around the world particularly in following sectors



**Oil & Gas** :Pasargad Chilic Group can provides a full range of engineering, procurement, construction and maintenance services in Oil & Gas Production and Treatment Plants.



**Power** :To meet global demand for power, Pasargad Chilic Group can provide EPC services for power plants using coal, gas, oil and renewable sources of energy.



**Mining and Metals**:Pasargad Chilic Group can provides a full range of engineering, procurement, construction and maintenance services to the mining and metals industries.



**Industrial**:Pasargad Chilic Group can provide engineering, procurement, and construction (EPC) services to Clients in industrial markets. In addition, we can offer operations & maintenance services in this filed too.



**Chemicals** :Pasargad Chilic Group can provide diverse services, including EPC, maintenance, Trade support for petrochemical plants





## *Pasargad Chilic Scope of Works*

### **Power:**

- Generation
- Transmission and Dispatch
- Distribution
- Operation & Maintenance
- Procurement
- Electricity Exchange and Trade

### **Oil, Gas and Petrochemical:**

- Refineries
- Pipelines
- Tank Farms
- Compressor and Pump Stations
- Maintenance, Overhaul & Revamp
- Procurement

### **Civil & Construction:**

- Roads and Tunnels
- Bridges
- Residential Complexes
- Airports
- Railroads
- Utilities.
- Construction Equipment
- Dams

### **Mining:**

- Extraction of Oil and Gas
- Coal mining
- Metal ore mining
- Nonmetallic mineral mining and quarrying



**Our Services :** Whether your project is large or small, straightforward or complex, Pasargad Chilic Group is ready to meet your requirement, our services are categorized as per follow:



**Procurement :** Pasargad Chilic Group procurement organization promotes project cost controls and schedule certainty by managing the purchase and delivery of materials, equipment, and services for Clients worldwide



**Engineering and Design :** Pasargad Chilic Group can perform traditional and advanced engineering specialties, as well as conceptual and detailed design for various projects in diverse industries for Clients worldwide



**Construction:** Pasargad Chilic Group can provide self-perform and subcontractor construction solutions and workforce committed to HSE excellence to build projects around the world using proven construction technologies and systems.



**Fabrication:** Pasargad Chilic Group can provide self-perform and subcontractor fabrication solutions to Clients in diverse industries around the world



**General Trade :** Pasargad Chilic Group is active in the import and export of petrochemical and minerals raw materials, Base oils, Bitumen and Asphalt product.



**Project Management :** Pasargad Chilic Group can perform as a project manager, responsible for executing a single project; or as a program manager



**Maintenance :** Pasargad chilic group operations and maintenance (O&M) services to domestic and international Clients in diverse industries; including oil and gas, manufacturing, power, utilities, metals, and mining





## *Pasargad Chilic Departments*

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### *A) Power Generation Department :*

#### **Introduction**

**Power generation department has been established In line with Pasargad Chilic long-term policies to take part in power plant projects around the world.**

**Also, enjoying its external organizational relationships with experienced companies inside and outside the country, Power generation department participates in Joint Venture projects.**

**Leveraging our experts' knowledge in power generation department, Pasargad Chilic has successfully executed EPC projects in this field in our neighboring countries suffering from supply shortages and exported power plant auxiliaries and accessories to foreign countries.**

**As our experts have attached significant importance to environmental issues, this department has gradually shifted from implementation of fossil fuel power plants to implementation of sustainable energy power plants.**



### *Power Generation Department 's Scope of Works*

**The main activities of the Power Generation Department are Engineering, Procurement, Construction, Commissioning and Rehabilitation of various types of Power Plants such as Heat, Thermal, Gas, Combined Cycle, Hydropower, Wind, and solar as well as supervision over the Execution of Power Plant Projects.**

**The Power Generation DEPARTMENT renders the following activities:**

- Management of Power Plant Projects
- Engineering
- Procurement
- Construction
- Overhaul, maintenance and long-term operation of power plants;
- Operation and maintenance of petrochemical companies, refineries and industries;
- Installation and operation of gas, steam, and combined cycle power plants;
- Equipment overhaul for refineries, and petrochemical units like fuel production, catalytic conversion, isomax, etc.;
- Installation and operation of medium and high voltage substations;
- Installation of fuel storage and operation of industrial piping and firefighting projects;
- Reconstruction and manufacture of various turbine parts and large industrial equipment;
- Consulting and engineering services for all industries;
- Periodical overhaul (4000, 8000, 12000, and 16000 hours) of gas units models F9 and V94.2;
- Supply spare parts for various types of power plants, refineries, petrochemical complexes;
- Construction of photovoltaic power plants;
- Non Destructive Tests (NDT) including ultrasonic, thickness, calibration, bar scoping, etc.





### *Power Generation Department 's Major References:*

Having more than 65000 MW installed power plant capacity, Iran enjoys a great potential for holding similar Power Plant Projects abroad. has the ability to handle almost all kinds of Power Plants. The most outstanding projects involved by Power Generation department are as follows:

- Maintenance of two units of AL- Sadir 324 MW Power Plant in Iraq
- Sugar Factory Power Plant (2x160 MW Gas Turbine Power Plant) in Iraq
- Installation and operation of four main boilers of Damavan power plant, each with the capacity of 184 Tons of steam, Iran;
- Major overhaul of turbo-generator of Montazer Qaem gas power plant, with 125 MW capacity and type F9, Iran;
- Major overhaul of turbo-generator of steam unit no.2 of Bisotoon power plant, with 320 MW capacity, Iran;
- Major overhaul of turbo-generator of Chooka paper production company, Iran;



## *Oil, Gas and Petrochemical Department*

### **Introduction**

The petroleum industry is involved in the global processes of exploration, extraction, refining, transportation and marketing. Hydrocarbons are also the raw material for many chemical products including plastics, pharmaceuticals, fertilizers and many more vital products.

The importance of Iran in world energy is based on its ranking. It is among the top three holders of proven oil and natural gas reserves in the world. Over a century of experience in oil production, having experienced engineers and technicians and an experienced labor force have highlighted Iran in the world.

Strategic location of Iran in the north of the Persian Gulf provides the safest and most economical route for transporting oil and its byproducts to other countries. Iran not possesses a great abundance of oil and natural gas, which has enabled the country to be an exporter of CNG to neighboring countries through a network of pipelines and also LNG to the world market.

At the present time, a network of 26,000 km of pipeline in Iran can export and swap up to 2.3 billion cubic meters to Armenia, 14 billion cubic meters to Turkey, 10 billion cubic meters to Turkmenistan, and 50.5 to 402 billion cubic meters to the Republic of Azerbaijan.

by utilizing our experts, we can offer technical know-how in design, engineering and project management for oil, gas and petrochemical projects (downstream) on turnkey/GC basis.



### *Oil, Gas and Petrochemical Department's Scope of Works:*

#### **Services rendered by this DEPARTMENT are:**

- Refineries
- Petrochemical
- Pipelines
- Tank Farms
- Compressor and Pump Stations
- Maintenance and Overhaul

### *Oil, Gas and Petrochemical Department's Major References:*

- Gas Transmission Project from Iran to Armenia
- Supply Refinery Equipment, Syria
- Supply Petrochemical Equipment, Syria
- Supply Vessel Tank, Syria





## Pasargad Chilic group values, Mission & Vision:

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### Values

- Pasargad Chilic Group values are:-** Uncompromising commitment to Quality, Health, Safety and Environment
- An open relationship with our Client based on mutual trust, respect and success
  - Transparency, Accountability and Discipline in our business
  - Best in Risk Awareness
  - Integrity in all we do

### Mission

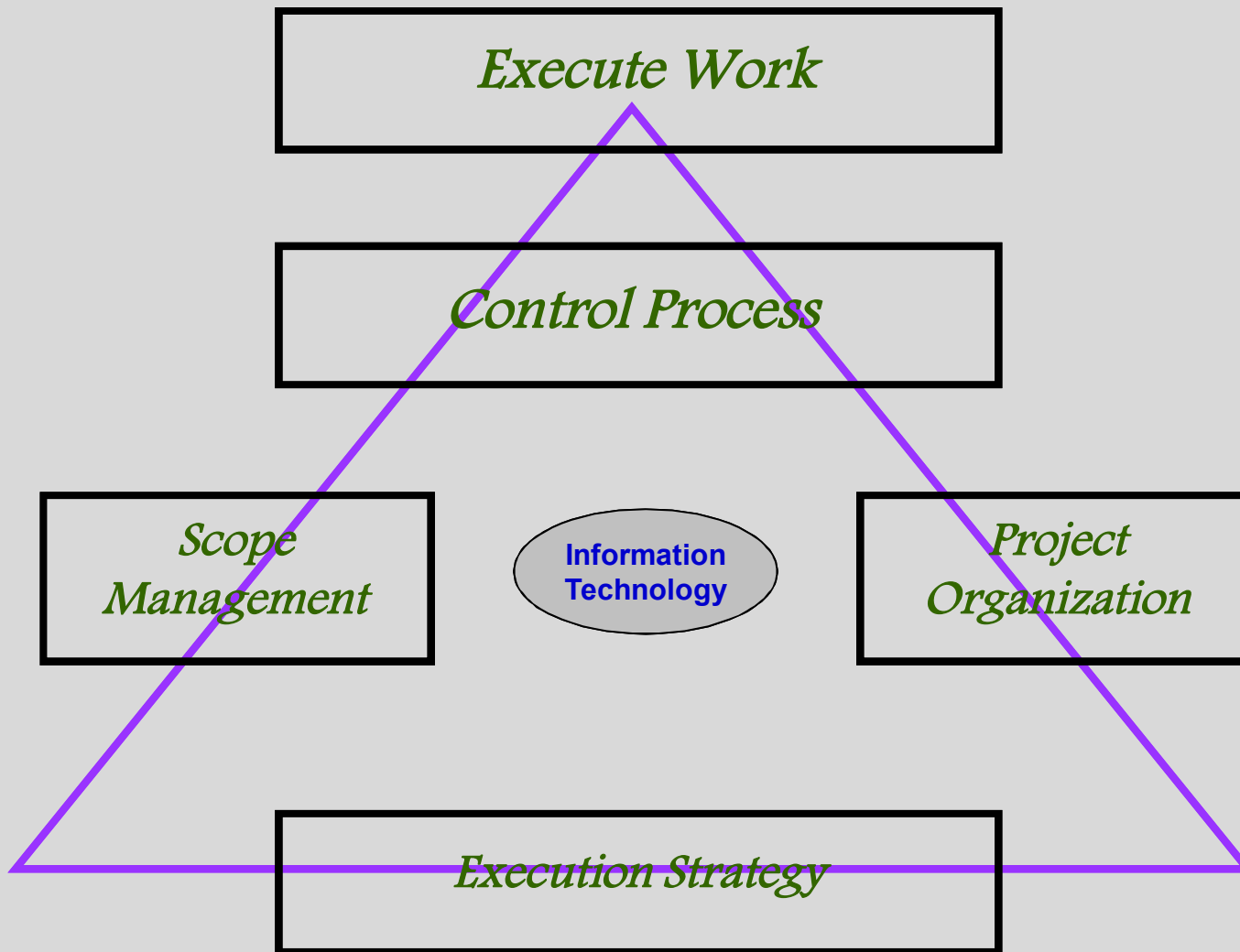
**Pasargad Chilic Group 's mission is :** To safely deliver any project, any time, in any environment for the benefit of our customers, Clients and the communities we serve.

Our vision reminds each of us of what we should be striving for each day and where we ultimately want to be as a company.

### Vision

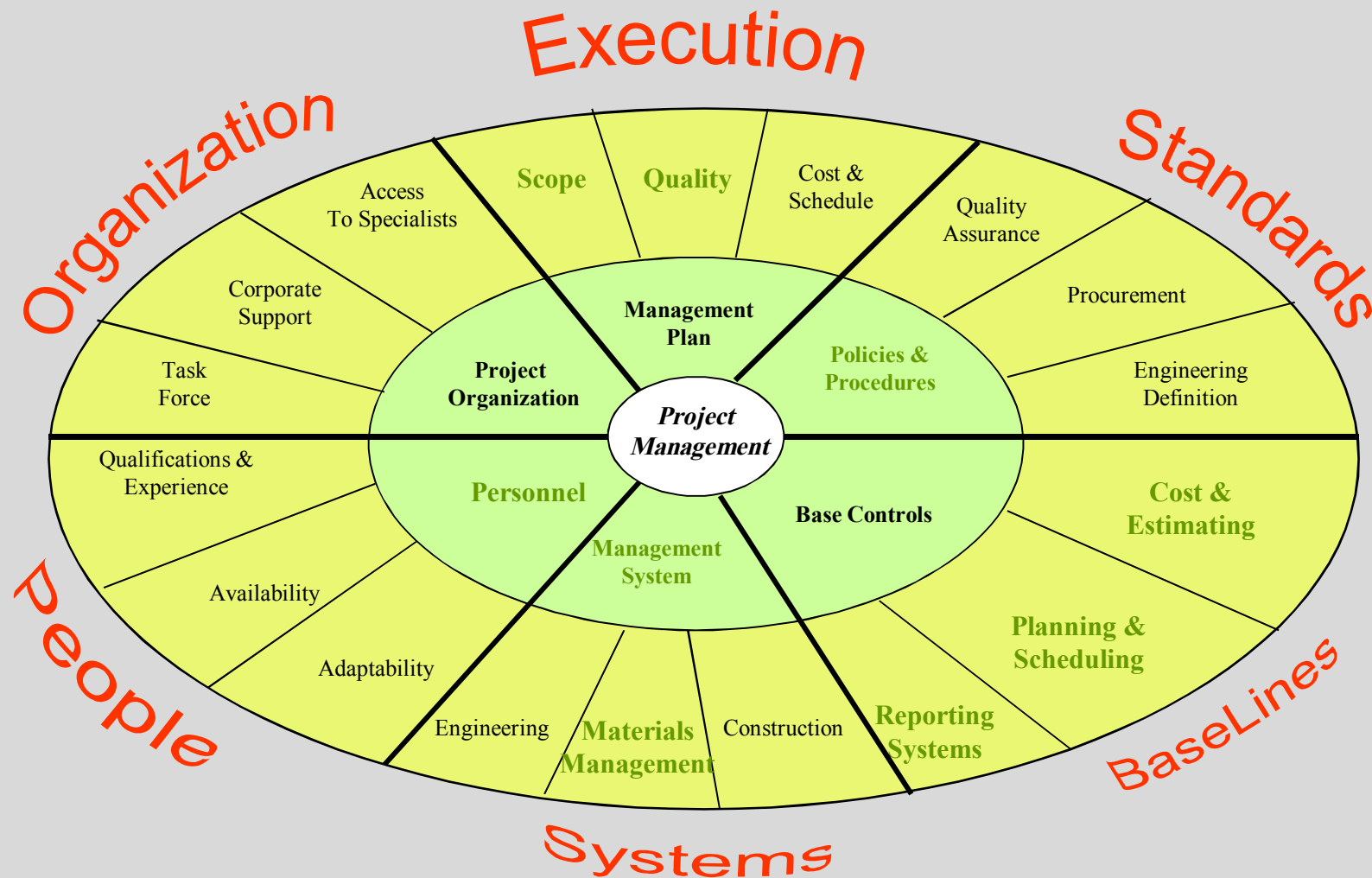
**Pasargad Chilic Group's vision is:**To be the world's Contractor and Employer of Choice by safely and consistently delivering successful and innovative projects and services anywhere in the world'.

# Pasargad Chilic Company Process for Projects :



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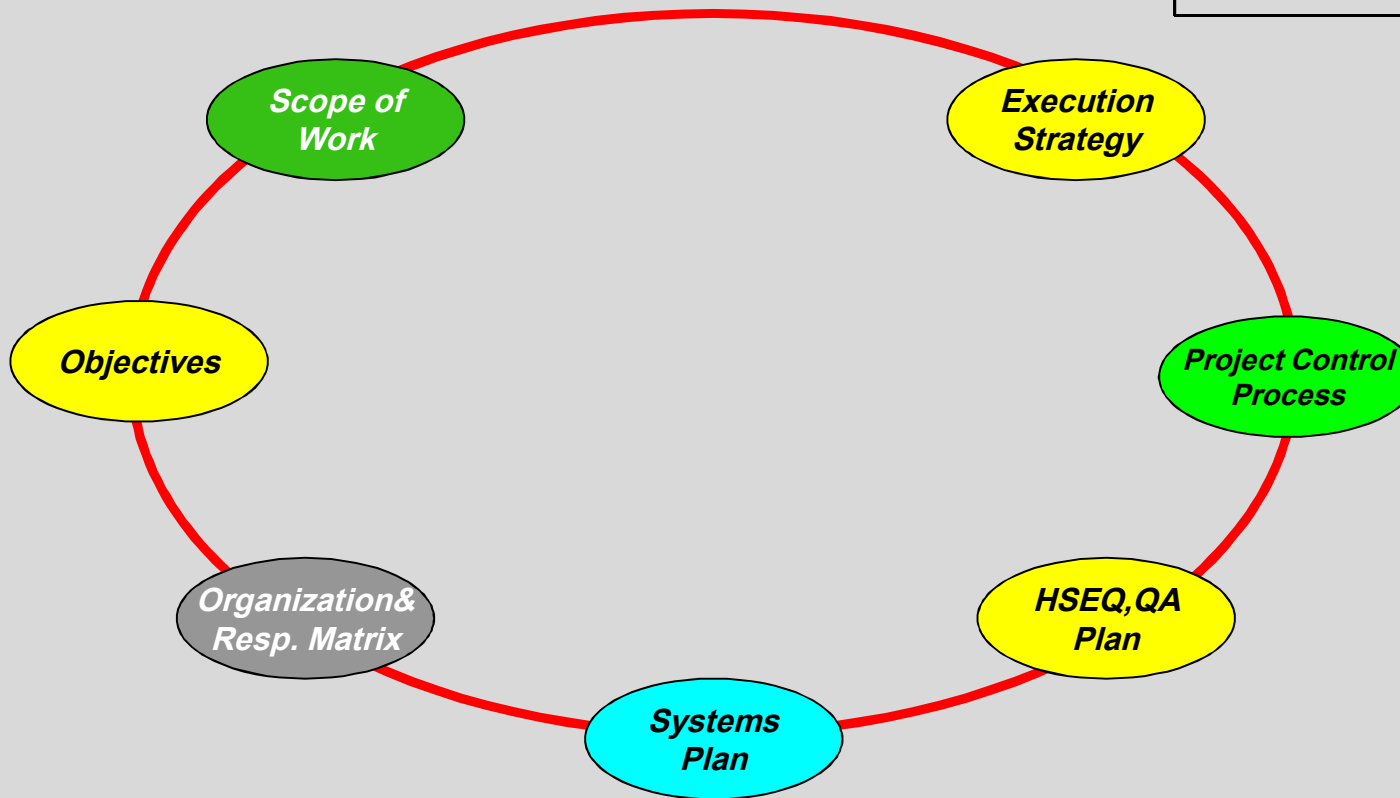
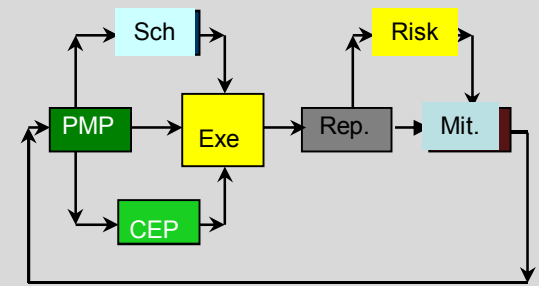
- Management Scope





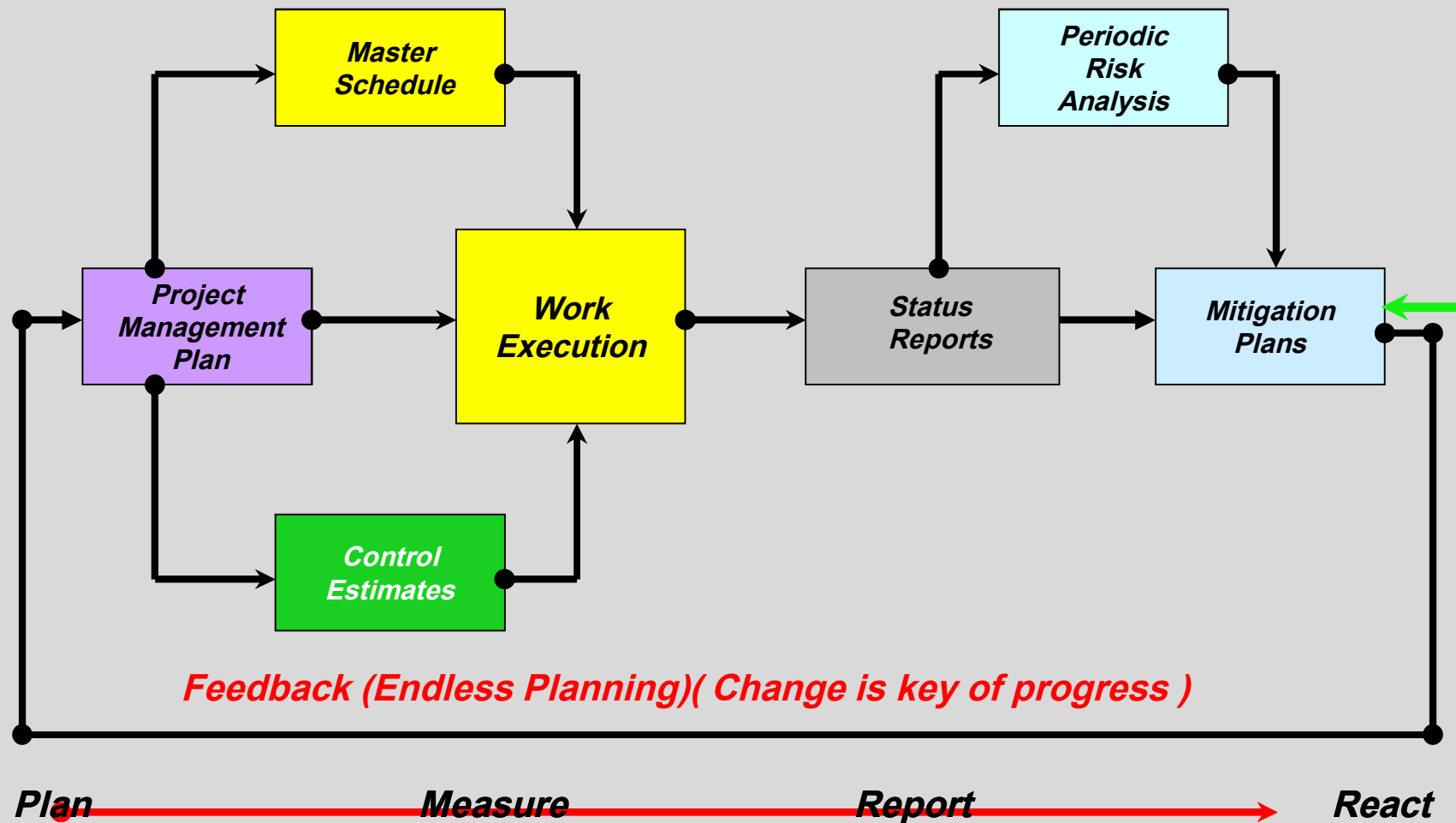
# Pasargad Chilic Process for Projects :

- Project Management Plan (PMP)



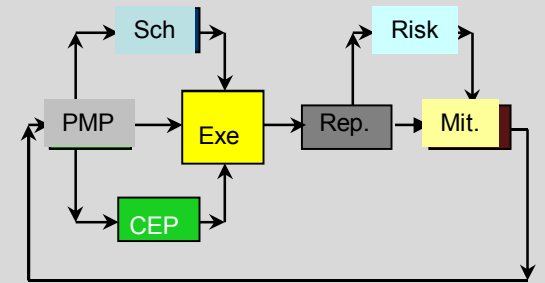
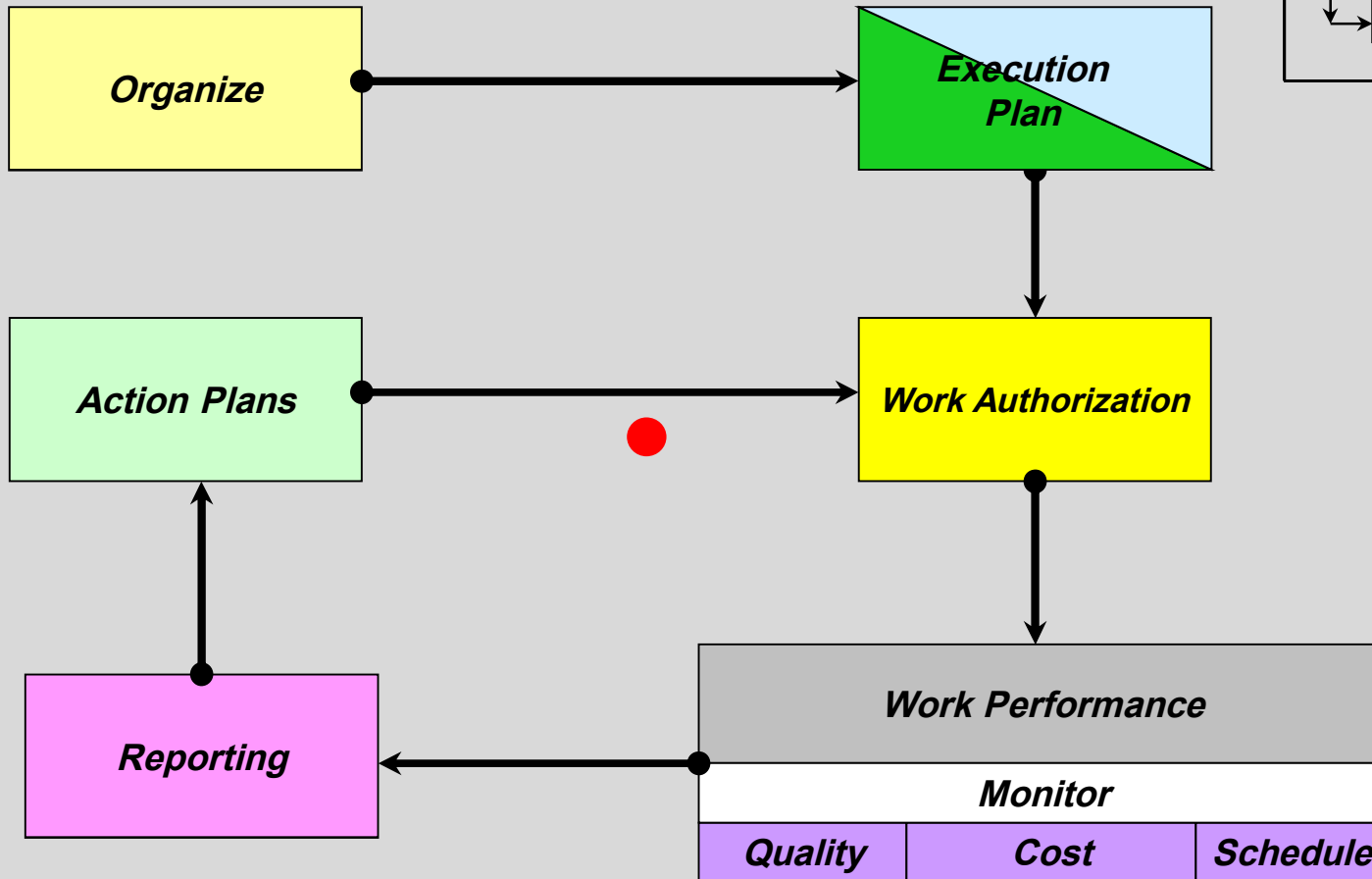
# Pasargad Chilic Process for Projects :

## • Overview



# Pasargad Chilic Process for Projects :

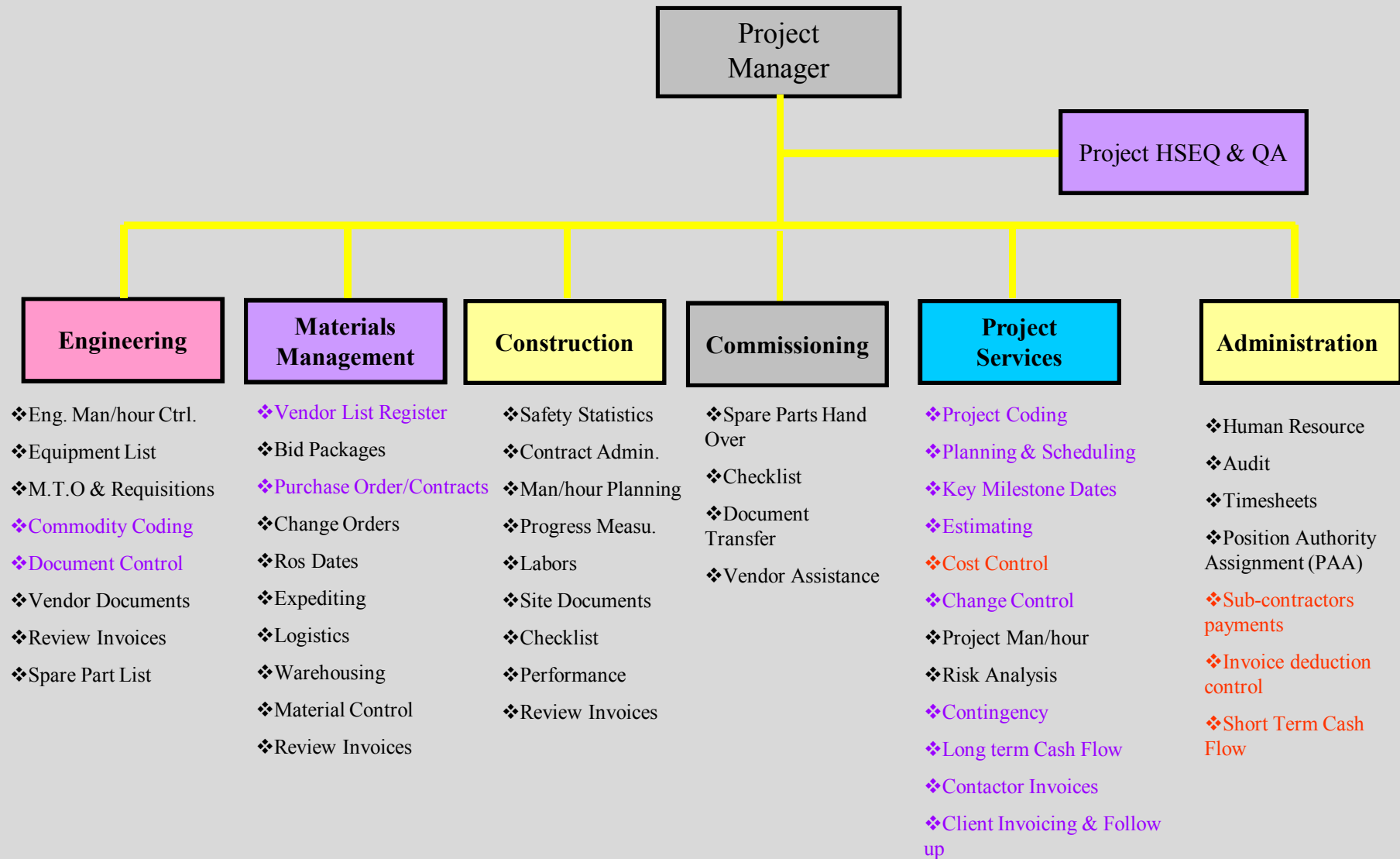
## • Overview





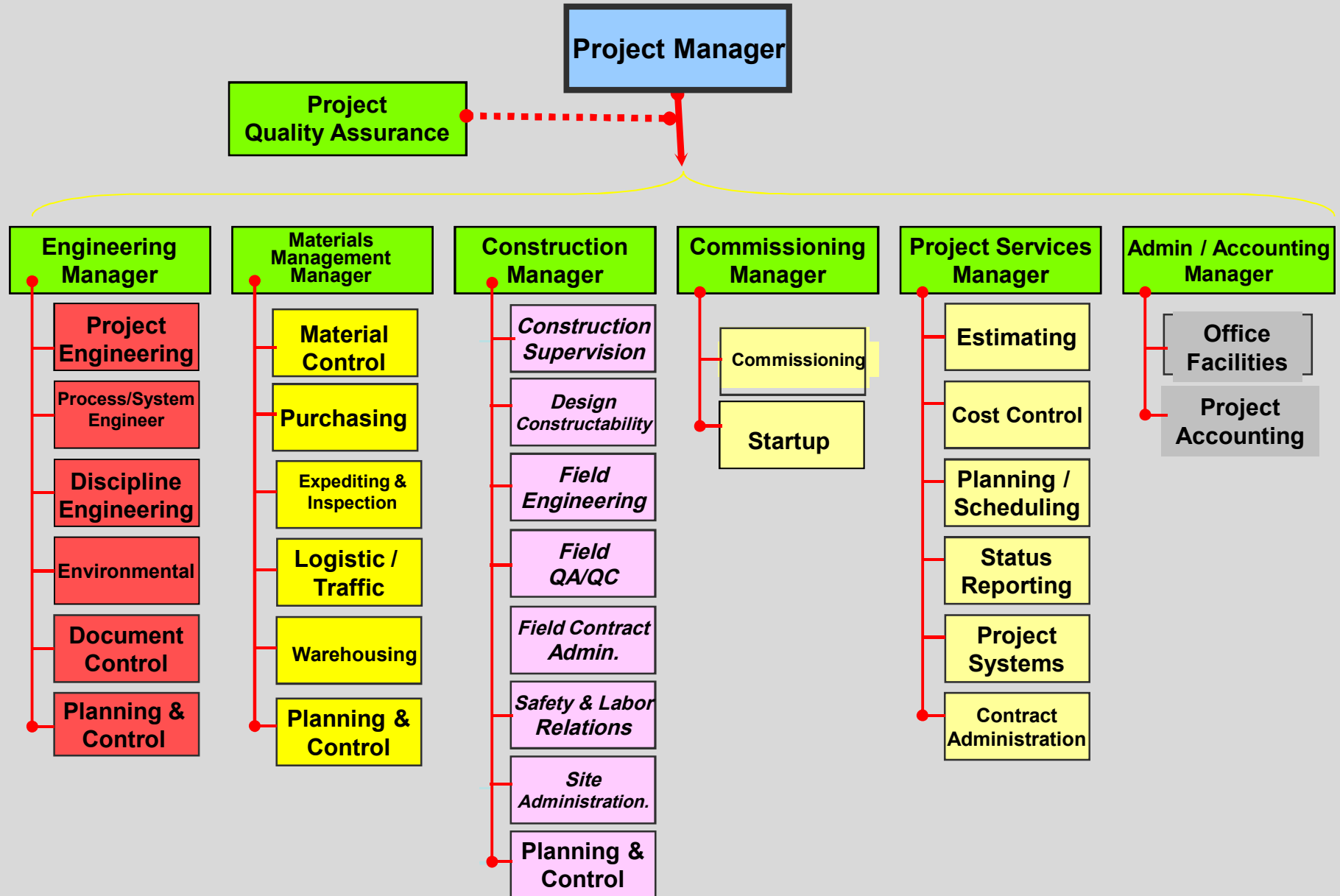
# Pasargad Chilic Process for Projects :

## •Organization Charts & Responsibilities



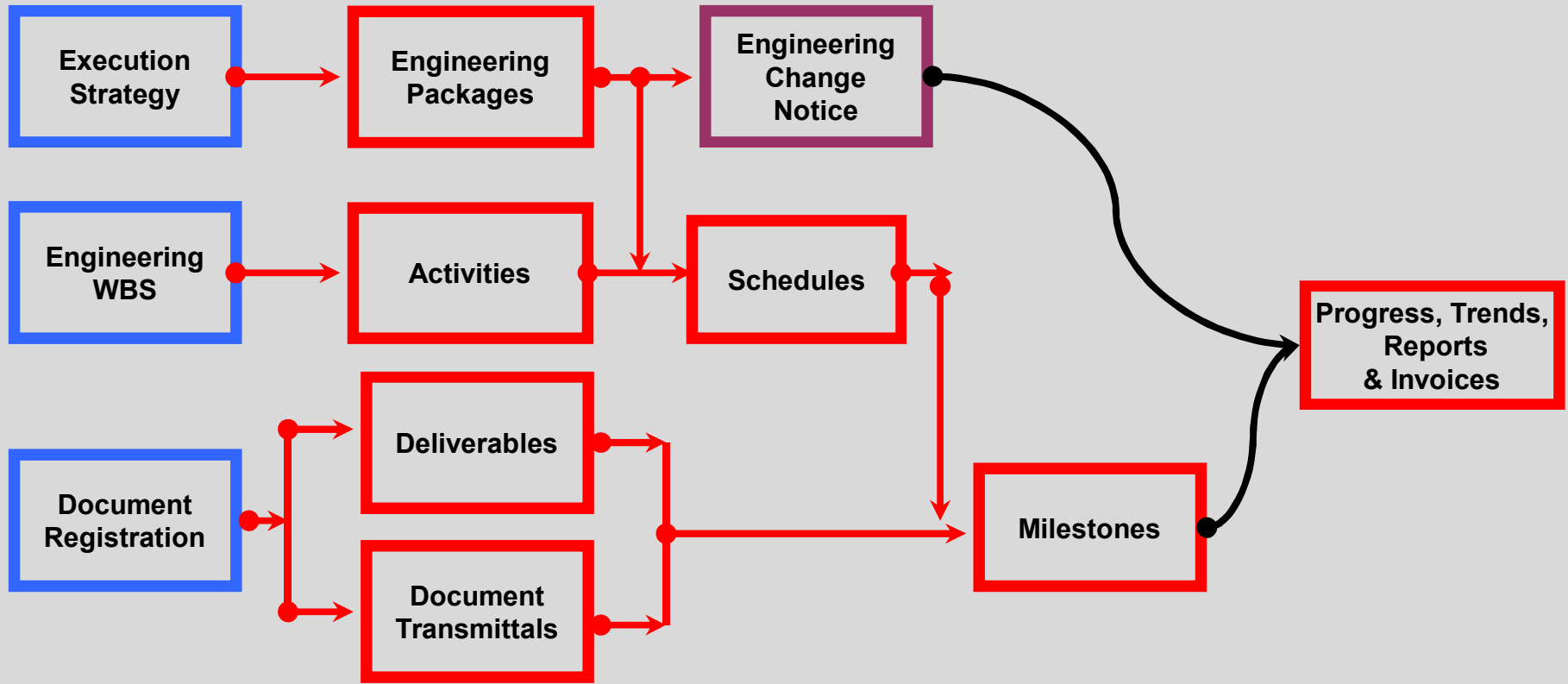
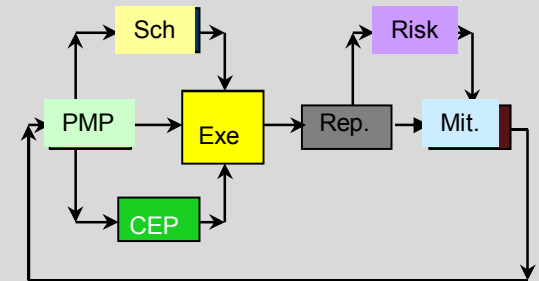
# Pasargad Chilic Process for Projects :

- Large Projects Typical Organization Chart



# Pasargad Chilic Process for Projects :

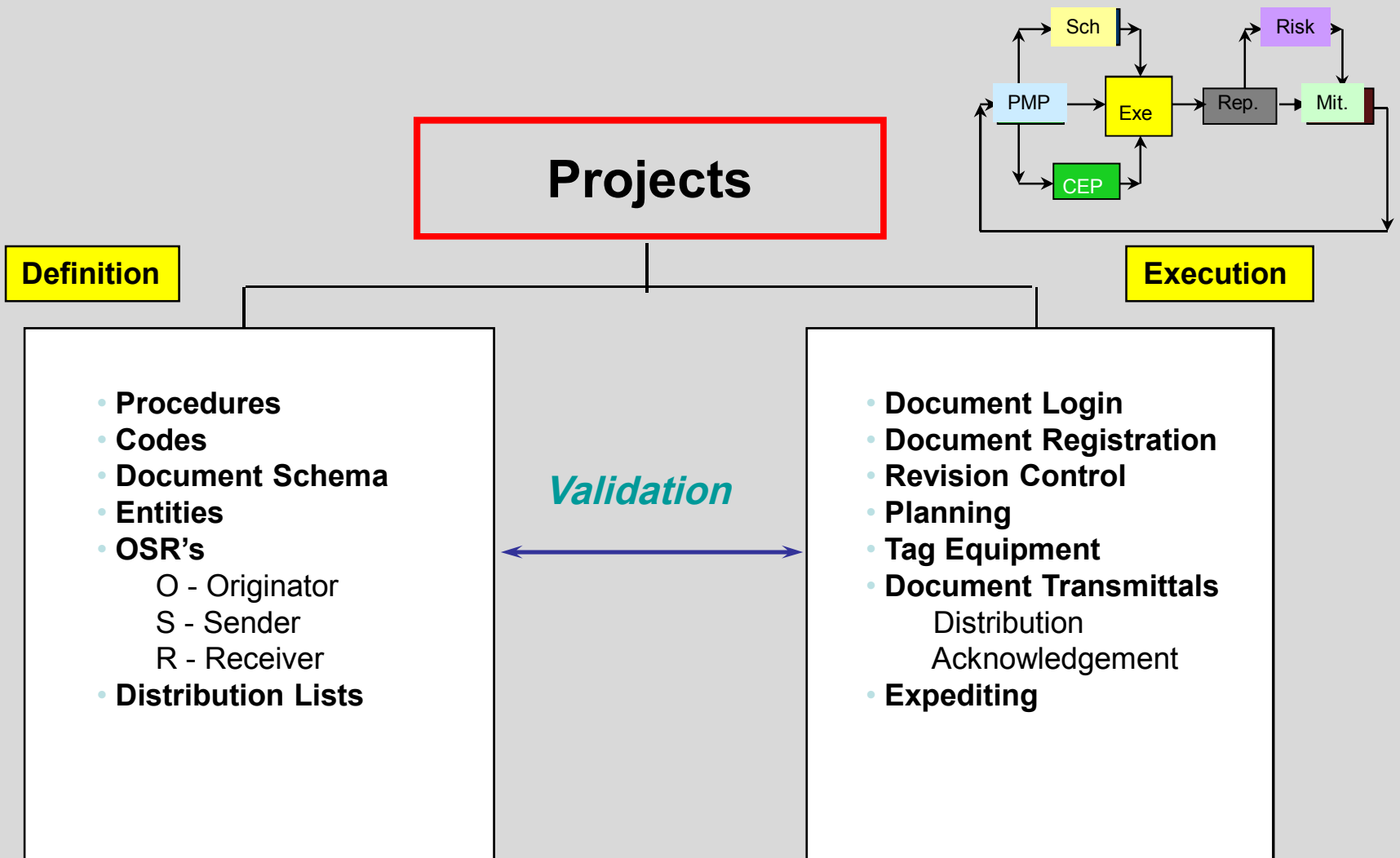
## •Engineering Management Process





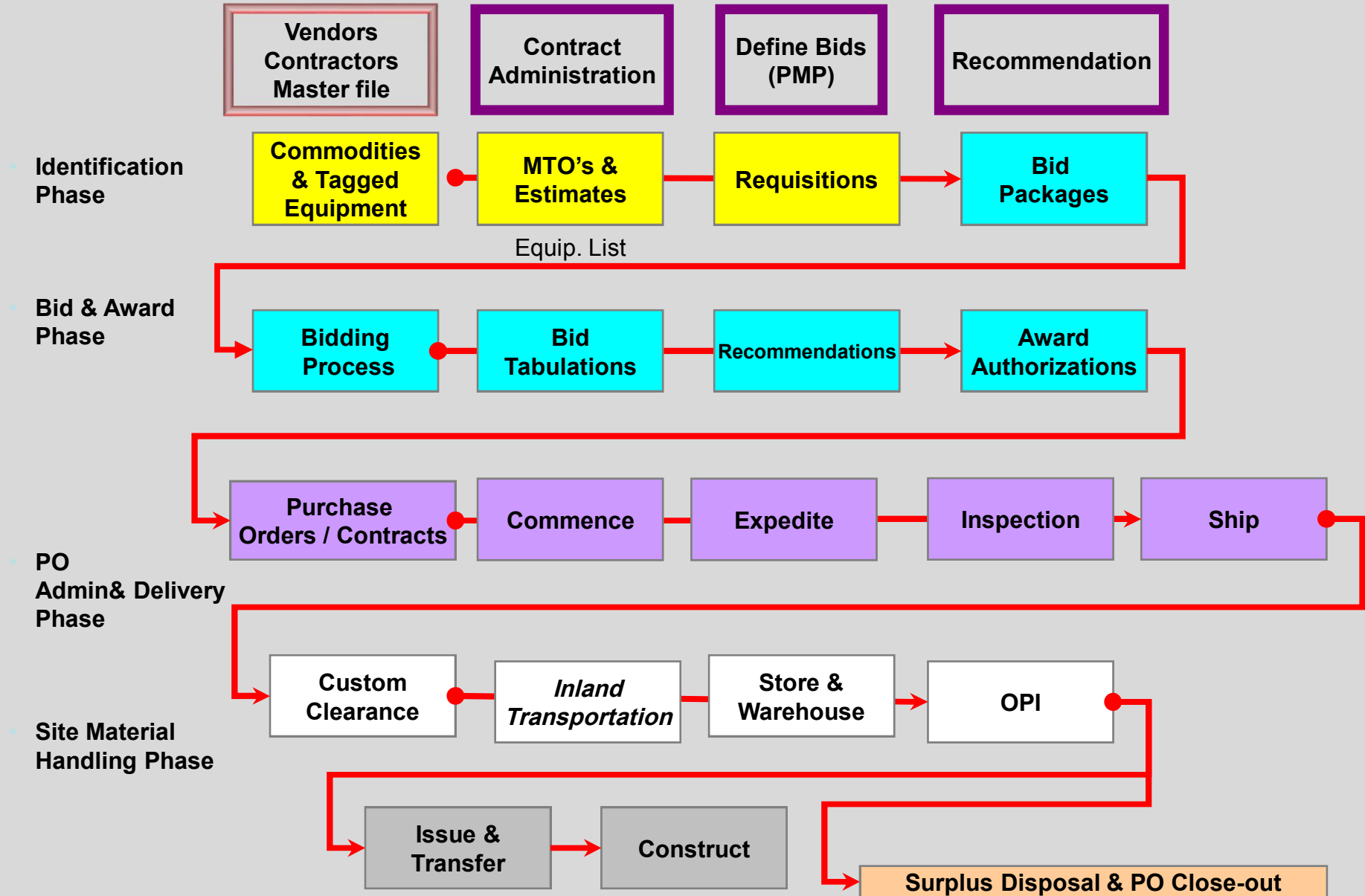
# Pasargad Chilic Process for Projects :

- Document Control



# Pasargad Chilic Process for Projects :

## • Material Management Process

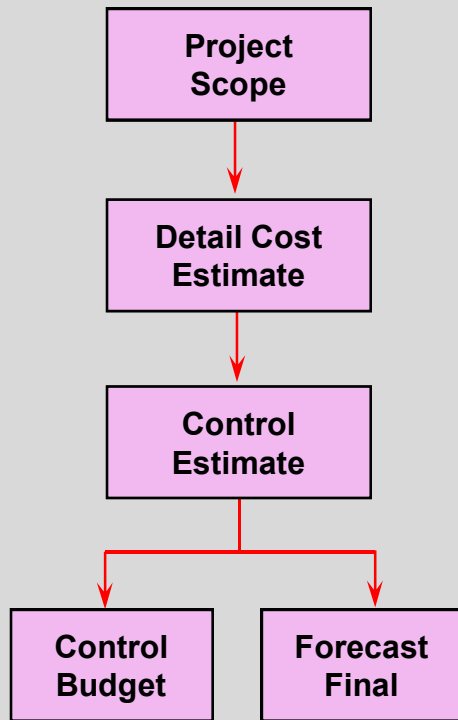


# Pasargad Chilic Process for Projects :

- Cost Control Principles

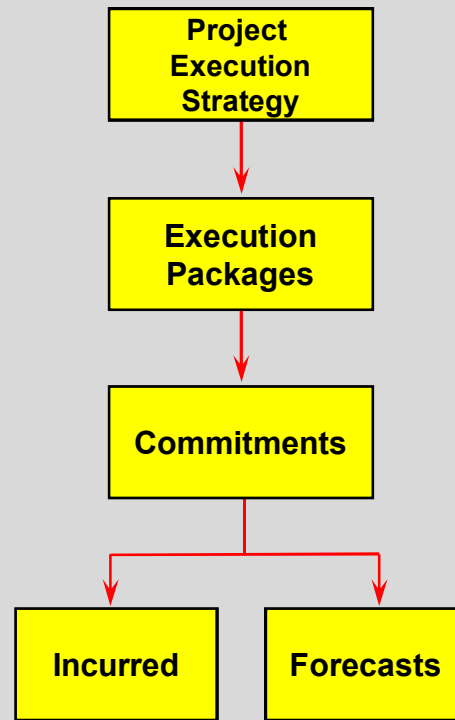


## Definition



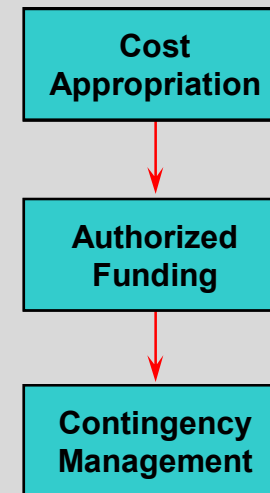
Change Register

## Execution

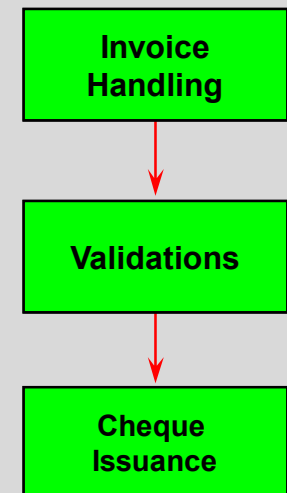


Change Register

## Appropriation

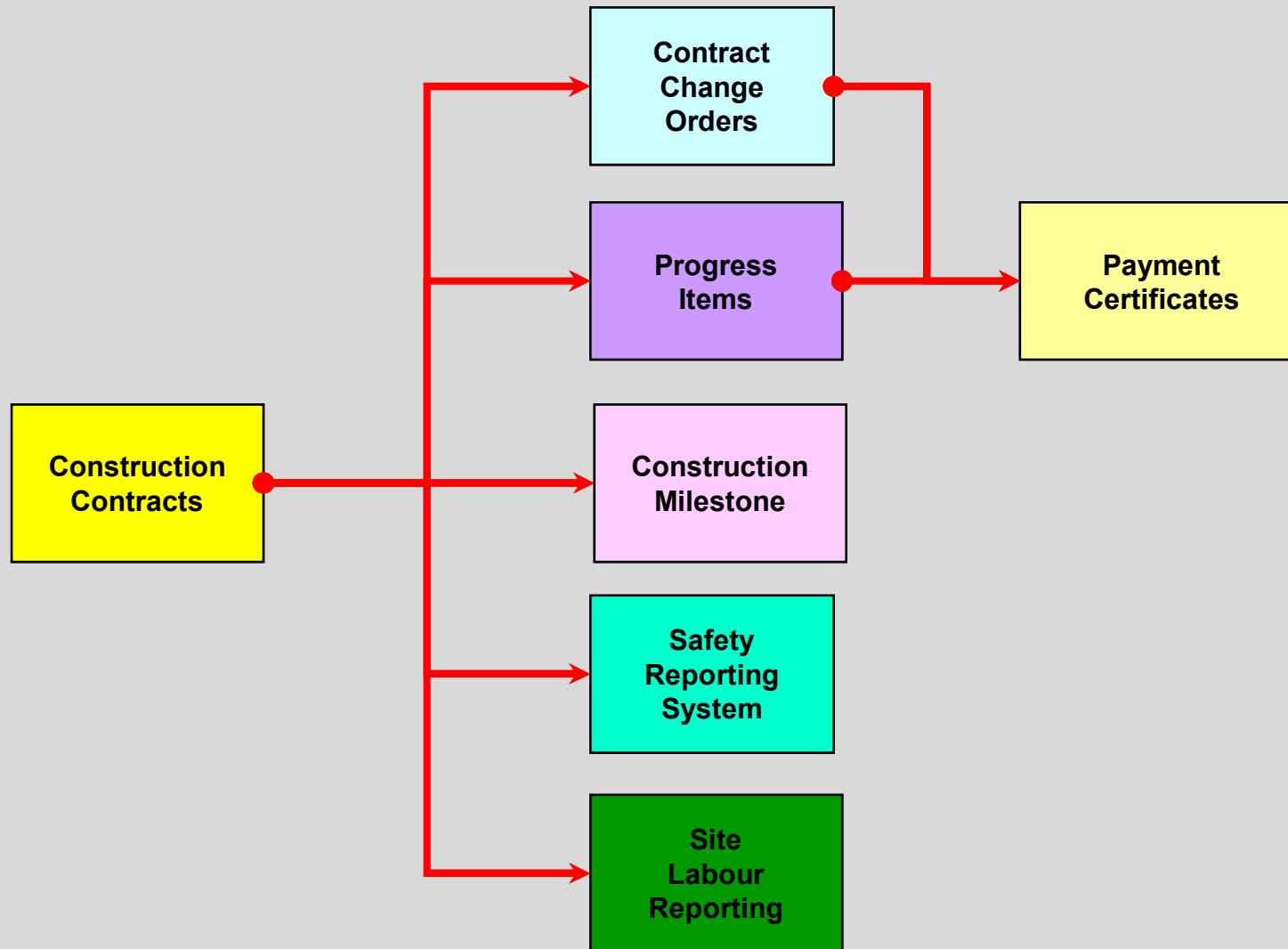


## Accounting



# Pasargad Chilic Process for Projects :

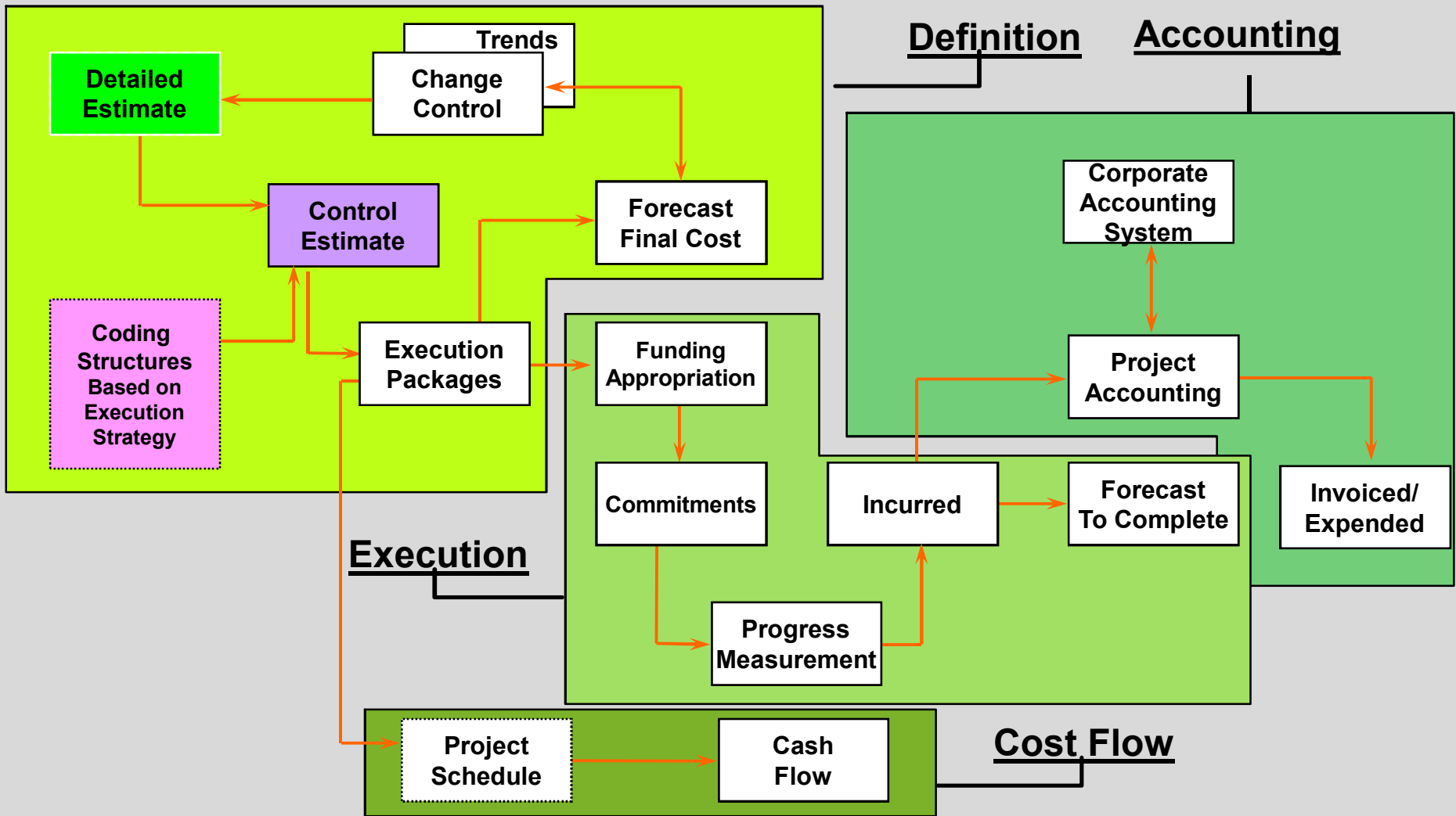
- Construction Process





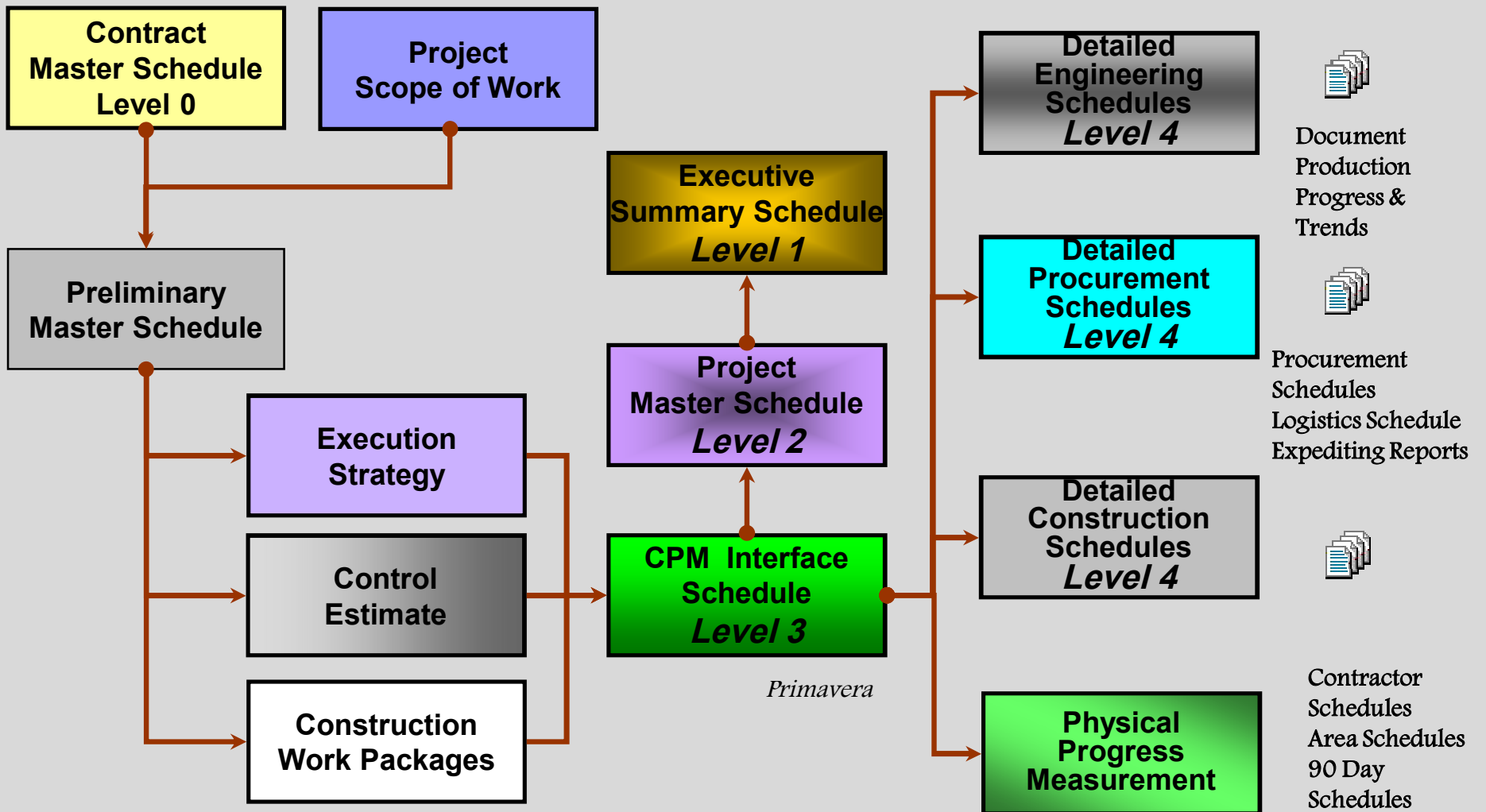
# Pasargad Chilic Process for Projects :

- Construction



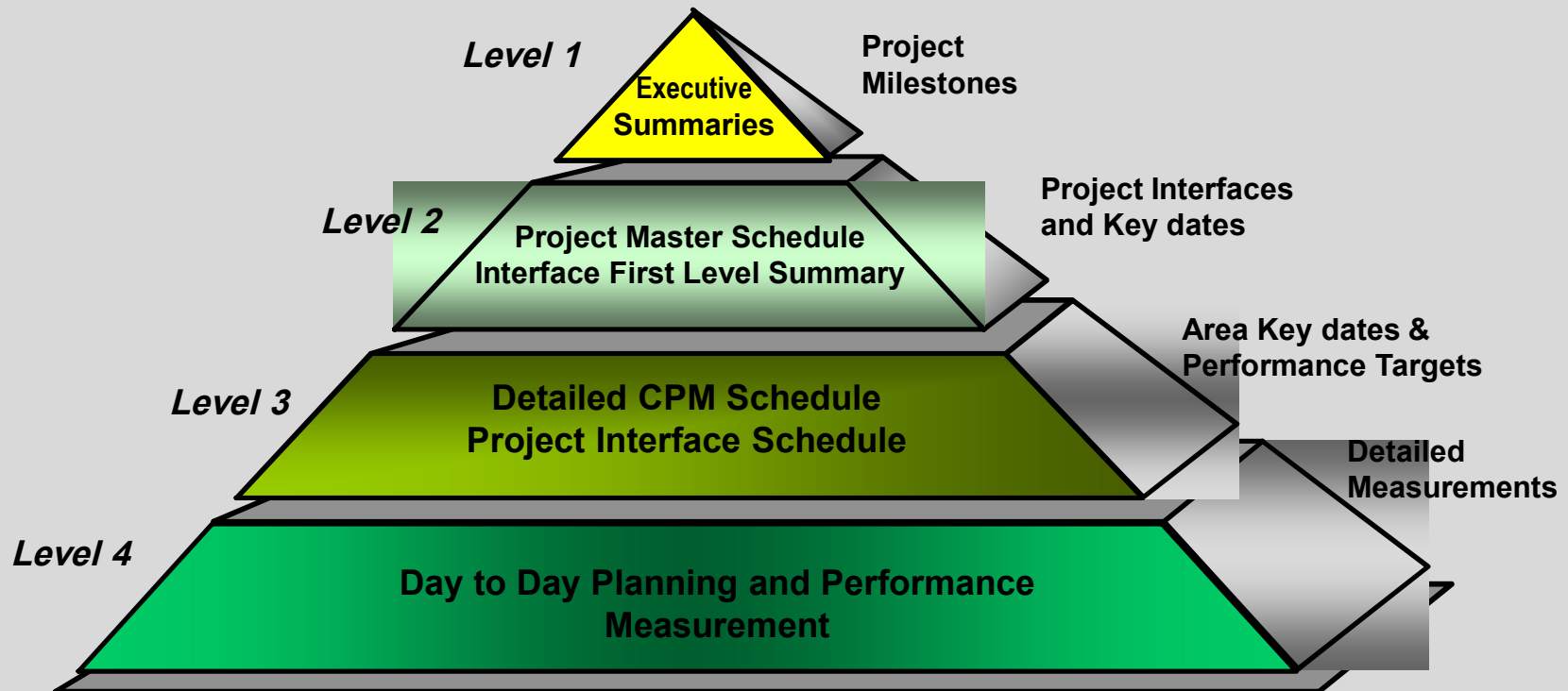
# Pasargad Chilic Process for Projects :

- Project Scheduling



# Pasargad Chilic Process for Projects :

- Project Levels of Scheduling





## Pasargad Chalic

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