

Revised 2005

PC-1 FORM

**GOVERNMENT OF PAKISTAN
PLANNING COMMISSION**

PROFORMA FOR DEVELOPMENT PROJECTS

(PRODUCTION SECTORS)

- **Agriculture Production**
- **Agriculture Extension**
- **Industries, Commerce
And Minerals**

**GOVERNMENT OF PAKISTAN
PLANNING COMMISSION
PC-1 FORM
(PRODUCTION SECTORS)**

- 1. Name of the project**
- 2. Location**
- 3. Authorities responsible for:**
 - i. Sponsoring**
 - ii. Execution**
 - iii. Operation and maintenance**
 - iv. Concerned federal ministry**
- 4. Plan provision**
- 5. Project objectives and its relationship with sector objectives**
- 6. Description, justification, technical parameters and technology transfer aspects (enclose feasibility study for projects costing Rs 300 million and above)**
- 7. Capital cost estimates**
- 8. Annual operating and maintenance cost after completion of the Project**
- 9. Demand and supply analysis**
- 10. Financial plan and mode of financing**
- 11. Project benefits and analysis**
 - i) Financial**
 - ii) Economic**
 - iii) Social benefits with indicators**
 - iv) Employment generation (direct and indirect)**
 - v) Environmental impact**
 - vi) Impact of delays on project cost and viability**
- 12. Implementation schedule**

13. **Management structure and manpower requirements including specialized skills during construction and operational phases**
14. **Additional projects/decisions required to maximize socio-economic benefits from the proposed project**
15. **Certified that the project proposal has been prepared on the basis of Instructions provided by the Planning Commission for the preparation of PC-I for production sector projects**

**Prepared by _____
Name, Designation & Phone #**

**Checked by _____
Name, Designation & Phone #**

**Approved by _____
Name, Designation & Phone #**

**GOVERNMENT OF PAKISTAN
PLANNING COMMISSION**

Instructions to Fill-in PC-I Proforma (Production Sector)

1. Name of the Project

Indicate name of the project.

2. Location

- Provide name of district and province.
- Attach a map of the area, clearly indicating the projects location.

3. Authorities responsible for

- Indicate name of the agency responsible for sponsoring, execution, operation and maintenance
- In case of more than one agency, give their component-wise responsibility. For provincial projects, name of the concerned federal ministry be provided.

4. (a) Plan provision

- If the project is included in the medium term/five year plan, specify actual allocation.
- If not included in the current Plan, what warrants its inclusion and how is it now proposed to be accommodated.
- If the project is proposed to be financed out of block provision, indicate:

Total block provision	Amount already committed	Amount proposed for this project	Balance available
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(b) Provision in the current year PSDP/ADP.

5. Project objectives

- The objectives of the sector/sub sector as indicated in the medium term/five year plan be reproduced. Indicate objectives of the project and a linkage between the proposed project and the sectoral objectives.
- In case of revised project, indicate objectives of the project if different from original PC-I.

6. Description and Justification of Project

- Describe the project and indicate existing facilities in the area and justify the establishment of the project.
- Provide technical parameters i.e. input and output of the project in quantitative terms. Also discuss the technology aspect of the project.
- Provide details of civil works, equipment, machinery and other physical facilities required for the project.
- Indicate governance issues of the sector relevant to the project and strategy to resolve them.

In addition to above the following sector specific information be provided.

Agriculture Production

- For fisheries projects: Give area for fishing and the legal rights to that area; the availability of trawlers; amount and type of fish likely to be available.
- For forestry projects: Indicate nature and state of existing forests their growth rate and any problems connected therewith. Give details of species; rotation and anticipated rotation and volume yield. Indicate availability of complementary services, e.g., access roads, saw mills etc.
- For livestock projects: Give the livestock situation of the country and mention any problems connected therewith. Present and future herd size, their species age characteristics and production capacity.
- For agriculture production projects: Give present and future crop yield, cropping intensity; land use pattern technological intervention and the basis for calculation of the future output.
- For all agriculture production sector projects, provide (i) transport, equipment & field machinery available with the department (ii) effect
- on farm income and basis for pricing of outputs (iii) farm gate and international prices.

Agriculture extension

- Provide history of extension work in and around project area and justify the extension work.
- Provide transport, equipment and field machinery etc available with the department.

Industry, Commerce and Minerals

- Provide installed capacity, proposed expansion and available technologies, the selected technology and reason for its selection.
- Whether the output is meant for (i) import substitution (ii) meeting domestic demand or (iii) export oriented.
- In case of exports, give likely markets and their size, competitive prices and cost of production to justify the project.
- Provide all information under with and without project conditions in case of BMR & expansion projects.

7. Capital cost estimates

- Indicate date of estimation of project cost estimates.
- Basis of determining the capital cost be provided. It includes market survey, schedule rates, estimation on the basis of previous work done etc.
- Provide year-wise estimation of physical activities as per following:

Year wise/component wise physical activities

Quantities				
Items	Unit	Year I	Year II	Year III
A				
B				
C				

- Phasing of capital cost be worked out on the basis of each item of work as stated above and provide as per following:

Year-wise/Component-wise financial phasing

(Million Rs)												
Items	Year-I			Year-II			Year-III			Total		
	Total	Local	FEC	Total	Local	FEC	Total	Local	FEC	Total	Local	FEC
A												
B												
C												
Total												

- In case of revised projects, provide
 - Project approved history alongwith PSDP allocations, releases and expenditure.
 - Item-wise, year-wise actual expenditure and Physical progress.
 - Justification for revision of PC-I and variation in scope of project if applicable.
 - Item-wise comparison of revised cost with the approved cost and give reasons for variation.
 - Exchange rate used to work out FEC in the original and revised PC-I's.

8. Annual Operating Cost

- Item-wise annual operating cost based on proposed capacity utilization for 5 years.

9. Demand and supply analysis(for Industrial and Agricultural Production Projects)

- Description of product/services.
- Demand/Supply alongwith unit price for the last five years
- Imports/Exports for the last five years alongwith unit price (if applicable)
- Projected demand/supply for 10 years.
- Proposed year-wise production and unit price of the product.
- Existing and proposed arrangements for marketing.

10. Financial Plan

Sources of financing

(a) Equity:

Indicate the amount of equity to be financed from each source

- Sponsors own resources
- Federal government
- Provincial government
- DFI's/banks
- General public
- Foreign Equity (indicate partner agency)
- NGO's/Beneficiaries
- Others

b) Debt

Indicate the local & foreign debt, interest rate, grace period and repayment period for each loan separately. The loan repayment schedule be also annexed.

c) Grants alongwith source

d) Weighted cost of capital

11. Benefits of the project and analysis

- **Financial:** Income to the project alongwith assumptions
- **Economic:** Benefit to the economy alongwith assumptions
- **Social:** Benefits with indicators
- **Environmental:** Environmental impact assessment negative/positive

Financial/Economic Analysis(with assumptions)

Financial analysis

- Quantifiable output of the project
- Profit and loss account and cash flow statement
- Net present value (NPV) and benefit cost ratio (BCR)
- Internal financial rate of return (IFRR)
- Unit cost analysis
- Break even Point (BEP)
- Payback period
- Return on equity (ROE)

Economic analysis

- Provide taxes & duties separately in the capital and operating cost
- Net present value (NPV) and benefit cost ratio (BCR)
- Internal economic rate of return (IERR)
- Foreign exchange rate of the project (Bruno's Ratio) for import substitute and export oriented projects

Employment analysis

- Employment generation (direct and indirect)

Sensitivity analysis

- Impact of delays on project cost and viability

12. Implementation Schedule

- Indicate starting and completion date of the project
- Item-wise/year-wise implementation schedule in line chart co-related with the phasing of physical activities.

13. Management structure and manpower requirements

- **Administrative arrangements for implementation of project**
- **The manpower requirements by skills/profession during execution and operation of the Project.**
- **The job description, qualification, experience, age and salary of each job may be provided.**

14. Additional projects/decisions required

- **Indicate additional projects/decisions required to optimize the investment being undertaken on the project**

15. Certificate

- **The name, designation and phone # of the officer responsible for preparing and checking be provided. It may also be confirmed that PC-I has been prepared as per instructions issued by the Planning Commission for the preparation of PC-I for Production Sector projects.**
- **The PC-I alongwith certificate must be signed by the Principal Accounting Officer to ensure its ownership.**