

PC-I PROFORMA

GOVERNMENT OF PAKISTAN PLANNING COMMISSION

Instructions to Fill-in PC-I Proforma

1. Name of the Project

Indicate name of the project.

2. Location

- i) Provide name of district and province.
- ii) Attach a map of the area, clearly indicating the project's locations.
- iii) Describe environmental & biophysical conditions (for example, agro-ecological zone, Ecosystems and natural habitats, other natural resources)

3. Authorities responsible for

- i) Indicate name of the agencies responsible for
 - a) sponsoring,
 - b) execution,
 - c) operation and
 - d) maintenance
- ii) In case of more than one agency, give their component-wise responsibility. For provincial projects, name of the concerned federal ministry be provided.
- iii) Indicate name of agencies/organizations (e.g. MOCC/ EPD/ P&DD/ university/ consultant etc.) that will support implementation of climate adaptation, mitigation actions and/ or climate co-benefits under this project (GCISC under MoCC serves as a repository of Pakistan's emissions and submits periodic reports to UNFCCC based on the methodology furnished by secretariat)

4. (a) Plan provision

- i) If the project is included in the medium term/five-year plan, specify actual allocation.
- ii) If not included in the current Plan, what warrants its inclusion and how is it now proposed to be accommodated.
- iii) 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

- i) Every project should have the following four Objectives, each objective can have upto three measurable 1) Sectoral, 2) Economic, 3) Social, and 4) Climate (Environment).
- ii) The objectives of the sector/sub sector as indicated in the medium term/ five-year plan be reproduced or any other planning document of the Government of Pakistan.
- iii) Indicate objectives of the project and a linkage between the proposed project and the sectoral objectives.
- iv) Indicate and link project objectives to climate actions & goals in the country including NDCs and SDGs
- v) In case of revised project, indicate objectives of the project if different from original PC-I.

6. Description and Justification of Project

- i. Describe socio-economic conditions.
- ii. Describe major sources of livelihoods, economic activities, gender and poverty indicators.
- iii. Describe the project and indicate existing facilities in the area and justify the establishment of the project.
- iv. Describe climate rationale for the project:
 - a. Describe present land-use and does it require any land use change
 - b. Is project complying with Pakistan's national commitments in NDCs and SDGs?
 - c. What is the level of population and infrastructure resilience?
 - d. What types of climate-related changes observed are linked to the project and are of international or national importance?
 - e. Why is this project important for the local area and economy (livelihood, jobs, income etc.) to address climate change?
- v. Identify climate benefits and describe the climate change adaptation or mitigation objective (Refer to Section II Chapter 5 and Chapter 6 for CARA and CMA methodologies, respectively)
 - a. Provide a risk assessment of the area and project.
 - b. Provide a disaster risk and climate vulnerability assessment separately, explaining the potential risk to the project, infrastructure and population in the area from disasters, including climate-induced disasters (e.g. floods, GLOFs, heatwaves. Include proposed measures to mitigate potential risks).
- vi. Clarify how gender and vulnerable groups' considerations have been, and will continue to be, taken into account (in context of climate change)
- vii. Provide technical parameters i.e. input and output of the project in quantitative terms.
 - a. Discuss the technology aspect of the project
 - b. In case a project requires a specific technology and materials, consider the suitability of project to project-specific climate conditions
 - c. Consider different climate scenario, especially for equipment that will be used for longer timespan.

- viii. Provide details of civil works, equipment, machinery and other physical facilities required for the project (Ensure, where possible, high environmental standards and climate compatibility).
- ix. Indicate governance issues of the sector relevant to the project and strategy to resolve them (Detailed information on project management, coordination mechanisms, implementation measures, executing agencies, existing policies and institutions including current plans, standards, and regulatory frameworks including integrated climate action).

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

1. For the sector of concern indicate GHG emissions from the sector and its vulnerability to climate change.
2. Mention any relevant sectoral policy mentioning Climate Change.
3. Provide ranking of the project in the list of investment ready projects whose PC-I approved or at least PCN has been cleared. Indicate if there is a budget allocation/line item on RS, innovation, mass scale production & commercialization.
4. Undertake research to establish baseline at the initiation of the project and undertake periodic opinion surveys as and when needed to gauge beneficiaries and key stakeholders.
5. Identify and engage the technical resources and expertise from the nearest university/ research institute that works on climate change and add them in project steering/monitoring committee/key stakeholders.

(PRODUCTION SECTORS)

Agriculture Production

- 1) 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.
- 2) 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.
- 3) For livestock projects: Give the livestock situation of the area and mention any problems connected therewith. Present and future herd size, their species age characteristics and production capacity.
- 4) For agriculture production projects: Give present and future crop yield, cropping intensity; cropping pattern, land use pattern technological intervention and the basis for calculation of the future output.
- 5) For all agriculture production sector projects, provide (i) transport, equipment & field machinery available with the department (ii) its effect on-farm income and basis for pricing of outputs (iii) farm gate and international prices.
- 6) For all types of agriculture production projects:
 - i. Provide information on climate adaptation measures, e.g. details of climate-smart agriculture practices such as drought resistant seeds, climate resilient irrigation systems and flood barriers, enhancement of animal health to withstand climate shocks, supporting fishermen to adapt to climate change impacts.

- ii. Provide information on climate mitigation measures, e.g. energy efficient agriculture infrastructure, efficient irrigation systems.

Agriculture extension

- 1) Provide history of extension work in and around project area and justify the extension work.
- 2) Provide detail of operative transport, equipment and field machinery etc. available with the department.
- 3) Provide details of climate change adaptation and mitigation measures, such as improving irrigation infrastructure to enhance resilience to climate impacts, retrofit irrigation systems to reduce energy use.

Industry, Commerce and Minerals

- 1) Provide installed capacity, proposed expansion and available technologies, the selected technology and reason for its selection.
- 2) Whether the output is meant for (i) import substitution (ii) meeting domestic demand or (iii) export oriented.
- 3) In case of exports, give likely markets and their size, competitive prices and cost of production to justify the project.
- 4) Provide all information under with and without project conditions in case of BMR & expansion projects.
- 5) Provide any references to trade and commerce that has bearing on Pakistan's environment and climate.
- 6) Provide details of climate change adaptation and mitigation measures, e.g. adaptation measures to withstand heat and flooding; usage of energy efficient equipment and renewable energy.

(INFRASTRUCTURE SECTORS)

Transport & Communication

- 1) Provide technical parameters i.e. selected design features and capacity of the proposed facilities along with alternates available.
- 2) For all types of transport and communication infrastructure (also provide information on climate adaptation measures e.g. flood barriers, heat resistant materials, drainage to prevent flooding, structural retrofitting of bridges to withstand climate hazards).
- 3) For roads, provide information regarding land width, geometric and pavement design including formation width, pavement width.
- 4) Land classification for bridges and culverts.
- 5) Thickness/width of road way on bridges and culverts.
- 6) Design speed, traffic capacity of road in terms of passenger car units per day.
- 7) Saving in distance for diverted traffic. Average daily traffic of motor vehicles by category as well as the car units be provided.

- 8) In case of improvement within the urban areas, separate traffic counts within that area should be given. Brief information regarding traffic and pavement width etc. in adjoining sections should also be given.
- 9) For bridges provide location, total length of bridge, number of spans with length of each span, width roadway and footpath, type of sub and superstructure and load classification.
- 10) Provide information on mitigation measures e.g. managing transport travel and demand by constructing bicycle lanes, pedestrian crossings, and sidewalks; constructing mass transit systems to reduce vehicles on the road.

Telecommunication

- 1) Provide ranking of the project in the list of investment ready projects whose PC-I approved or at least PCN has been cleared.
- 2) Mention alternate means of providing the same facilities (for example microwaves verses optic fiber cable, underground cable versus overhead cable etc.) and the cost of each of the alternatives means.
- 3) Ensure security and safety of data by creating data backups.
- 4) Provide information on environment (such as radiation) and climate adaptation measures, e.g. developing early warning systems for climate-related disasters, supporting mobilization of emergency response through telecommunication.
- 5) Provide data recovery and backup to prevent data loss during disasters.
- 6) Provide information on climate mitigation measures, e.g. energy efficient computing systems, use of renewable energy sources such as solar power.

Information Technology (IT)

- 1) Provide Hardware specification.
- 2) Attach Networking/LAN diagram.
- 3) Software requirements.
- 4) Availability of services (DSL, Dial-ups, wireless, satellite, cellular, etc.).
- 5) Provide information on climate adaptation measures, e.g. developing early warning systems for climate-related disasters, supporting mobilization of emergency response through telecommunication, providing data recovery and backup to prevent data loss during disasters.
- 6) Provide information on climate mitigation measures, e.g. energy efficient computing systems, use of renewable energy sources such as solar power.
- 7) Provide present status of Artificial Intelligence and its future use for the sector of the projects.

Energy (Fuel & Power)

Fuel

- 1) Detailed description of major equipment, items and structure.
- 2) Provide basis of design of the project.
- 3) Indicate alternate technology alongwith the selected one with justification.
- 4) Indicate how alternate technology can mitigate GHG emissions from fuel consumption, thereby providing climate mitigation co-benefits

- 5) For exploration projects give details of previously work undertaken.

Power

- 1) Give detailed description of major equipment and structure.
- 2) For Hydroelectric projects: Give information regarding geological investigations, flow duration curve, water storage, estimated monthly kilowatt hours generation under minimum and average flow conditions and the flow conditions assumed in the project and operational regime i.e. base load or peak load plant. Rainfall record, stream flow calculation, hydrograph and other available water data alongwith siltation problems be provided.
- 3) Provide details of the potential reduction in greenhouse gas emissions by using hydropower, solar, tidal and wind energy as a renewable energy source instead of fossil fuels.
- 4) Also provide details of climate adaptation measures, e.g. flood warning systems, reinforced structural elements.
- 5) For thermal projects: Give a comprehensive, comparison of available technology and rationale/criteria for selection of specified technology.
- 6) Give information on sources and availability of cooling water and fuel, calorific value, heat rate price (with custom duties and taxes shown separately) and disposal of ash and effluents.
- 7) Provide analysis of adopted technology with respect to existing system.
- 8) Indicate whether maintenance facilities are available. If not, provide details/plans for maintenance facilities.
- 9) For transmission and distribution system: Basis of design voltage drop allowance system stability, reliability, operating voltage, policy regarding reserves, design and material to be used for supporting structure, average span length and conductor size, type of spacing.
- 10) Month-wise load flow studies for the year in which plant is proposed to be commissioned and five yearly basis.
- 11) Provide climate adaptation measures, such as using higher standard designs or underground conduits to withstand climate hazards like strong heat and winds.
- 12) Provide climate mitigation measures, such as retrofitting lines to reduce technical losses, and construct new and improved transmission lines to transmit renewable energy.
- 13) For sub-stations and switching stations: Give location and purpose of each station KVA voltage, type and structure, number of circuits, type of transformers and major circuit breakers.
- 14) Load conditions of the existing facilities, in case of extension facilities.
- 15) In case of new projects, loading conditions of sub stations be provided.
- 16) Provide climate adaptation measures, such as constructing climate-resilient stations.
- 17) Provide details of climate mitigation measures, such as sub-stations and switching stations.

Housing, government buildings & town planning

- 1) Provide alternate designs and proposed design features of the project, keeping in view the income levels, family size of the population to be served alongwith weather conditions etc.

- 2) Provide details of design measures that can count as climate adaptation or mitigation co-benefits such as energy and water savings.
 - a. Provide details of adaptation measures, e.g. improved drainage and wastewater systems, climate proof construction materials, ventilation to withstand heatwaves.
 - b. Provide details of mitigation measures, e.g. use of solar energy and energy efficient building design and equipment.
- 3) Mention the nature and size of land available and indicate whether the design ensures the most economical use of space.
- 4) Indicate whether the project is in consonance with the master plan of the city.
- 5) Town Planning and covered area parameters/space standards applied in determining land and flood area requirements.
- 6) Provide detailed scope and specifications of the civil works.

Irrigation, drainage and flood control

- 1) Provide project areas characteristics in terms of population, climate, geology, soil, irrigation, ground water, drainage and agriculture (crops, yields etc.).
- 2) Provide a flood vulnerability risk assessment of the area.
- 3) Utilize existing multi-hazard vulnerability risk assessments for the region developed by relevant national/provincial disaster management authorities.
- 4) For multipurpose projects, provide basis of allocation of costs between different purposes.
- 5) Engineering projects be supported by technical background data and each distinct segment of the project be described separately.

(SOCIAL SECTORS)

Education, training and manpower

- 1) Give student-teacher ratio for the project and the national average for the proposed level of education.
- 2) Year-wise proposed enrolment of the institution for 5 years.
- 3) For scholarship projects, indicate number of scholarships to be awarded each year alongwith selection criteria.
- 4) Provide faculty strength in relevant discipline, in case of expansion of facilities.
- 5) Indicate the extent of library and laboratory facilities available in case of secondary, college and university education.
- 6) Provide details of technical staff required for operation & maintenance of laboratories.
- 7) Indicate the climate adaptation and mitigation measures to be taken while establishing infrastructure and providing training (e.g. climate resilient buildings, use of solar energy, training on climate change adaptation and disaster preparedness).

Health, nutrition, family planning and social welfare

a) Health projects

- 1) Indicate whether the proposed facilities are preventive or curative.

- 2) Bifurcate the facilities between indoor, out door and department-wise.
- 3) Indicate the climate adaptation and mitigation measures to be taken in health sector facilities.
- 4) Specify hospital waste and safety measures especially for radioactive equipment, waste as well as bio-waste

b) Nutrition

- 1) Indicate the infrastructure and mechanism required for the project.
- 2) Measures taken for involvement and participation of the community.
- 3) Net improvement in the nutritional status of target groups in quantitative terms.
- 4) Provide data on the status of food security, stunting and malnutrition in children, men and women in the area.
- 5) Measures taken to address the impacts of climate change related food insecurity, stunting and malnutrition

c) Family planning

- 1) Provide information relating to motivation and distribution sub-system.
- 2) Give benchmark data and targets relating to number of couples to be approached and number of contraceptives and other devices to be distributed.
- 3) Mode/mechanism of advocacy and awareness.

Water supply & sewerage, Solidwaste Management

- 1) Present and projected population and water availability/ demand.
- 2) Indicate source and water availability (mgd) during next 5,10,20 years.
- 3) For waste water/ sewerage, provide present and future disposal requirements, gaps if any and proposed treatment methods and capacity.
- 4) Indicate present and proposed per capita water supply in the project area, comparison be made with water supply in similar localities.
- 5) Indicate whether the proposed project is a part of the master plan. If so, provide details.
- 6) Indicate if there is any provision for solid waste management, sewerage or grey water treatment and for municipal, industrial and hospital waste management and provision of landfill sites.
- 7) Indicate the climate adaptation and mitigation measures to be taken to climate-proof waste management and reduce emissions.

Tourism, Youth, Culture & Sports.

- 1) Explain the potential of domestic and international tourism in the project area and projections for next 5-10 years.
- 2) Existing and projected flow of tourists in the country/province/project area.
- 3) Plans for biodiversity and nature-based and eco-tourism in mountain areas, lakes, wetlands, water bodies, glaciers, and protected species.
- 4) Assessment of tourist facilities' capacity in terms of road infrastructure, hotels/motels, bathroom facilities and site-seeing locations as well as transport, marketing, tourist information and guidance.

- 5) Assessment of security requirements for national and international tourists.
- 6) Existing capacity of organizations to promote religious, historical, cultural, geographical and archaeological tourism sites and museums.
- 7) Relationship of archaeological projects with domestic and foreign tourism.
- 8) Indicate specific climate adaptation and mitigation measures to be taken to promote culture sports.
- 9) Enhance youth and vulnerable groups involvement in adaptation and disaster risk reduction programs and consultation process

Mass media

- 1) Indicate area and population to be covered with proposed project.
- 2) Behavioral change by developing communication public service message to create social awareness on issues of economic, social and environmental importance.
- 3) Campaign and awareness generating strategies to be part of every project.

Research & Innovation

- 1) Indicate benefits of the research to the economy.
- 2) List number of studies/papers to be produced.
- 3) Indicate whether these studies would result in commercial application of the process developed (if applicable).
- 4) Undertake research to establish baseline at the initiation of the project and undertake periodic opinion surveys as and when needed to gauge beneficiaries and key stakeholders.

7. Capital cost estimates

- 1) Indicate date of estimation of project cost estimates.
- 2) Basis of determining the capital cost be provided. It includes market survey, schedule rates, estimation on the basis of previous work done etc.
- 3) What estimated capital cost will be spent on climate adaptation, mitigation or co-benefits? Include breakdown of these estimates.
- 4) Furnish gender segregated budget, where applicable.
- 5) 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												

Year-wise/Component-wise climate financial phasing

Item	Year 1			Year 2			Year 3			Total PKR
	Total	Local	FEC	Total	Local	FEC	Total	Local	FEC	
Adaptation										
Mitigation										
Co-benefit										
Total										

In case of revised projects, provide

- Project approved history alongwith PSDP allocations, releases, expenditure and funds reappropriated from or surrendered, if any.
- Item-wise, quarter-wise actual expenditure and physical progress.
- Justification for revision of PC-I and indicate variation in scope of budget and/or activities, if any.
- 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.
- Carry out CHIRA¹ and develop climate output and outcome indicators for revised projects

8. Annual Operating Cost

- Furnish the detailed item-wise breakdown of quarterly operating cost on account of HR, OM, consumables, and utilities for 5 years or the life of the projects, whichever is shorter.
- Describe who will bear OM form the following list:

¹ Refer to Section II Chapter 4 for CHIRA Methodology of Handbook on Climate Risk Screening for Policy Planning

- a. Sponsors own resources
- b. Private Sector
- c. Housing Society/trusts
- d. NGO/CBOS/civil society organizations
- e. Communities/beneficiaries
- f. General public
- g. DFI's/banks
- h. International Climate Finance (ICF)
- i. Foreign Equity (indicate partner agency)
- j. Provincial government
- k. Federal government
- l. Federal government
- m. Others

9. Demand and supply analysis

- i. Description of outputs/products/services.
- ii. Demand/Supply alongwith unit price for the last five years.
- iii. Imports/exports for the last five years alongwith unit price including manpower.
- iv. Projected demand/supply for 10 years in light of climate change.
- v. Proposed quarter-wise production and unit price of the product.
- vi. Existing and proposed arrangements for marketing.

10. Financial Plan

Sources of financing

i. Equity

Indicate the amount of equity to be financed from each source

- a. Sponsors own resources
- b. Federal government
- c. Provincial government
- d. DFI's/banks
- e. International Climate Finance (ICF)
- f. General public
- g. Foreign Equity (indicate partner agency)
- h. NGO's/Beneficiaries
- i. Others

ii. Debt

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

iii. Grants alongwith source including climate change specific grants.

iv. Climate related share of project investment

Indicate amount allocated for:

Adaptation	Mitigation	Co-benefits	Total

11. Benefits of the project and analysis

- i. **Financial:** Income to the project along with assumptions
- ii. **Economic:** Benefit to the economy along with assumptions
- iii. **Sectoral:** Mention the planning documents or sectoral policies or actions plans that are being implemented
- iv. **Social:** Benefits with indicators
- v. **Climate change & Environmental:** i) Climate Change Adaptation and Resilience Assessment (CHIRA)², ii) Environmental impact assessment (negative/positive)

Financial/Economic Analysis (with assumptions)

Financial analysis

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

Economic & Social benefit analysis

- a. Provide taxes & duties separately in the capital and operating cost
- b. Net present value (NPV) and benefit cost ratio (BCR)
- c. Internal economic rate of return (IERR)
- d. Foreign exchange rate of the project (Bruno's Ratio) for import substitute and export-oriented projects
- e. Unit cost analysis
- f. Break-even Point (BEP)
- g. Poverty alleviation

² Refer to Section II Chapter 4 for CHIRA Methodology of Handbook on Climate Risk Screening for Policy Planning

- h. Served local community/minorities
- i. Social benefits (health, education, water hygiene old age benefit/housing facilities, civic amenities etc.)

Employment analysis

- a. Employment generation (direct and indirect)
 - o During the execution of the project, direct and indirect
 - o During the operation of the project after the project completion, direct and indirect
- b. All employment related data should be gender segregated.

Sr. No.	Direct Employment				Indirect Employment
	During Execution		During Operation after Completion		After completion of the project
	No. of Project Posts (Grade Wise)		Labor to be engaged by contractor		No. of allied Jobs
	PPS	No's	No. of skilled	No of Unskilled	

Sensitivity analysis

- a. Impact of delays on project cost and viability
- b. Change of government policies/priorities
- c. Assessment of any import sanctions/tariffs and duties and counterpart import/export policies
- d. Assessment of any supply chain trade issues.
- e. Assessment of climate hotspots, seismic fault lines, and extreme weather risks

Environmental Analysis

CHIRA: Refer to Section II Chapter 4 for CHIRA methodology

12. a) Implementation Schedule

- i. Indicate starting and completion date of the project
- ii. Item-wise/quarter-wise implementation schedule in line chart co-related with the phasing of physical activities.
- iii. Attach PERT/GANT chart/PCM on and professional project management softwares.

b) Result Based Monitoring (RBM) Indicators

- i. Indicate Result Based Monitoring (RBM) framework indicators in quantifiable terms in the following table.

S.No	Input	Output	Outcome	Impact
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		Output	Output Progress Indicator				Targeted Impact	Impact Progress Indicator
				Baseline Indicator	Targets after Completion of Project	Outcome Progress Indicator		
1								
2								
3								
4								
5								
.								
.								
.								
.								
.								

- ii. List atleast one climate output and outcome indicator in the above table to track climate mitigation, adaptation and/or co-benefits (Refer to Section II Chapter 7 for CIME Methodology)

13. Management structure and manpower requirements

- i. Administrative arrangements for implementation of project
- ii. TORs and cost estimates of consultancy services required based on person-month basis.
- iii. The mode of implementation e.g. through outsourcing contracting or in-house contracting etc.
- iv. The manpower requirements by skills/profession during execution and operation of the Project.
- v. TORs: Requirement of skilled personnel in climate change, external staff will be preferred.
- vi. What is the nearest university/ research institute that works on climate change. add them in project steering/monitoring committee/key stakeholder.
- vii. The job description, qualification, experience, age and salary of each job may be provided.

14. Additional projects/decisions required

- i. Indicate additional projects/decisions required to optimize the investment being undertaken on the project
- ii. 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.
- iii. The PC-I alongwith certificate must be signed by the Principal Accounting Officer to ensure its ownership.

- iv. A Certificate by the relevant authorities that the project does not destroy or cause damage to the agriculture land under cultivation or cultivable as well as standing forests.
- v. A certificate by the sponsors that the expenditure is a valid charge on the Federal Consolidated Fund
- vi. An additional attached certificate to testify that various technical assessments has been conducted by licensed and authorized subject expert.

PC-I FORM

GOVERNMENT OF PAKISTAN PLANNING COMMISSION

PROFORMA FOR DEVELOPMENT PROJECTS

(PRODUCTION SECTORS)

- Agriculture Production • Agriculture Extension
- Industries, Commerce and Minerals

(INFRASTRUCTURE SECTORS)

- Transport & Communication • Telecommunication • Information Technology • Energy (Fuel & Power) • Housing, Government Buildings & Town Planning • Irrigation, Drainage & Flood Control

(SOCIAL SECTORS)

- Education, Training and Manpower • Health, Nutrition, Family Planning & Social Welfare • Science & Technology • Water Supply & Sewerage • Culture, Sports, Tourism & Youth • Mass Media • Governance • Research

**GOVERNMENT OF PAKISTAN
PLANNING COMMISSION
PC-I FORM**

- 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**
 - i. Sectoral
 - ii. Economic
 - iii. Social
 - iv. Climate
- 6. Description, justification, technical parameters and technology transfer aspects. Enclose TEFS – Techno Economic Feasibility study carried out through independent consultants for Rs 500 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 & Climate impacts
 - a. Environmental Impact Assessment (EIA)
 - b. Clean Development Mechanism (CDM) Assessment, carbon trading benefits, carbon markets Etc.
 - c. Climate and Hazard Initial Risk Assessment (CHIRA)
 - d. Cross-reference to existing provincial and national policies and actions plans, SGDs, and Climate NDC targets
 - vi. Impact of delays on project cost and viability
- 12. a) Implementation schedule
b) Result Based Monitoring (RBM) Indicators**

13. Management structure and manpower requirements including specialized skills during construction and operational phases
 - i. Manpower Required during Execution of the Project
 - ii. Manpower Required during O&M of the Project
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 the Manual for Development Projects, the Handbook on Climate Risk Screening and Instructions provided by the Planning Commission for the preparation of PC-I. Certified that the expenditure is a valid charge on the Federal Consolidated Fund.

Prepared by _____

Name, Designation & Phone #

Checked _____ by _____

Name, Designation & Phone #

Approved by _____

Name, Designation & Phone #