

CHEMICAL FERTILIZER PLANT (CFP)

SALIENT FEATURES

SN	FEATURES	CHARACTERISTICS
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GENERAL

1	Name of Project	Chemical Fertilizer Plant
2	Sector	Manufacturing Plant
3	Type	Industry

PROJECT LOCATION

1	Province	Province 2 or Province 5
2	Project Location	Option I: Dhalkebar (Location Map) Option II: Bardaghat (Location Map)

PROJECT COMPONENT/TECHNOLOGY

1	Technology	Natural gas based technology
2	Total Electricity required	115 MW
3	Natural gas required per day	1197 MT
4	Area required	400 Hectare

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MARKET ASSESSMENT

1	Demand	In order to estimate the Urea requirement for Nepal, the study looked into the cropping pattern adopted in Nepal and the crop wise usage of Urea in Nepal. After identifying major crops cultivated in Nepal with the average area in terms of hectare that is used to cultivate the crops, the study used the optimal amount of Nitrogen in kg. The study estimated the total demand for urea in Nepal to be 700,000 MT per year.
2	Supply & Market	Nepal does not manufacture chemical fertilizers. All demands are met through imports. The Agriculture Inputs Company Ltd. (AICL), a government undertaking and the Salt Trading Corporation (STC) are responsible for procuring Urea to meet Nepal's needs, at present. Adequate and timely supply of required chemical fertilizer has remained a perennial issue in Nepal.

DEVELOPMENT MODALITY

1	Development modality	Public Private Partnership / Private Investment
2	Role of the Government of Nepal	<ul style="list-style-type: none"> ■ Provision of government land, land acquisition, facilitation and project security ■ Facilitating legal approvals/permits ■ Review & monitoring
3	Role of the Private Sector	<ul style="list-style-type: none"> ■ Plan, design, build, finance and operate the facilities during the Concession Period ■ Collection of revenues from the project during the Concession Period ■ Handover to the Government after the Concession Period, if PPP
4	Development Period a. Pre-Construction Period b. Financial Closure c. Construction Period d. Concession Period	a. 6 Months b. 1 Year c. 3 Years d. 20-25 Years

INDICATIVE FINANCIALS

1	Total Project Cost (including Interest During Construction)	~USD 650 million
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