

Pre-Qualification of Power Generation Companies



Terms of References (TOR's) for Purchase of Power up to 200MW Either from Existing Power Plant through Wheeling or by Establishing Power Plant in vicinity of PIEDMC Industrial Estates to Supply Electricity at 132/11KV Grid Stations on "Take and Pay Basis"

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INTRODUCTION:

1. Punjab Industrial Estates Development and Management Company was established By Govt. of the Punjab with Public Private Partnership, to facilitate the industrial growth of Punjab. Punjab Industrial Estates Development & Management Company (PIEDMC) was formed with the vision to promote industrialization in the province of Punjab.
2. This is an autonomous body, not for profit entity owned by Government of Punjab. It is a successful example of Public – Private Partnership.
3. PIEDMC is the only department responsible for establishing medium and large size Industrial Estates in the province of Punjab. For all its Industrial Estates Grid Station and Power Plants is mandatory requirement. PIEDMC intends to establish hire power plant in its Industrial Estates to cope with the energy crises by providing electricity to industries on 24 hours basis for rapid industrialization.
4. PIEDMC intends to purchase the electricity for its industrial estates in Punjab from Private Power Producers (PPPs) through wheeling from NTDCL/DISCOs. The requirement of load is upto 200 MW for its various Industrial Estates and there is no minimum limit of power to be offered by applicant.

Pakistan is currently passing from one of its worst energy crisis. It is very difficult to supply continuous electricity to Industrial Estates, to Increase the industrialization and make the availability of 24hrs electricity. PIEDMC is aggressively pursuing for adding new power generation capacity for its Industrial Estates by any PPPs in the affordable cost through wheeling arrangement of NTDCL/ DISCOs or by establishing power plant in vicinity of PIEDMC industrial estates to supply electricity at 132/11 KV Grid Stations on “Take and Pay” basis.

Establishment of Power Plant in vicinity of PIEDMC Industrial Estates

The Companies interested in establishment of Power Plant in the vicinity of PIEDMC Industrial Estates shall liable to sale electricity on “Take and Pay” basis as per TOR’s given below.

Supply of Power through Wheeling at PIEDMC Industrial Estates

The Companies/IPP’s interested in subject project shall transmit/sale electricity through Wheeling at PIEDMC Industrial Estates on “Take and Pay” basis as per TOR’s given below.

TOR OF PROJECT

POWER PURCHASE AGREEMENT (PPA)

Draft Power Purchase Agreement (PPA) shall be prepared on NTDCCL format for minimum Term upto 20 years and be submitted to PIEDMC Power Committee (PPC) headed by Director of the PIEDMC board, for approval.

ARRANGEMENT OF FUEL

Arrangement of fuel will be the sole responsibility of the Power Producer.

OPERATION AND MAINTENANCE

Operation and maintenance will be sole responsibility of the Power Producer on its own cost.

TARIFF DETERMINATION

Tariff should be less than that of DISCO's. Wheeling charges where required, will be paid by the Generation Companies.

TARIFF STRUCTURE

The payments shall be only on the "*Take and Pay*" basis. 'Take and Pay basis' means PIEDMC will pay the Power Producer for dispatched and delivered net Electrical Output.

MAINTENANCE SHUT DOWN

Maintenance shutdown will be carried out with coordination/prior approval of PIEDMC.

REGULATION OF CONTRACT OF POWER PURCHASE

The contract of Power Purchase with PPP's will be in accordance to NEPRA rules and regulations.

TIME OF THE CONTRACT:

The selected firm will be required to enter into a contract with an initial term of upto Twenty years.

EVALUATION CRITERIA:

Following criteria shall be used for the selection of the firm:

Sr. No.	Category	Weight age / Marks
1.	Equipment Capabilities	50
2.	Personnel Capabilities	30
3.	Financial Soundness	20
Total:		100

Note: Qualification status shall be decided on the basis of Pass/Fail basis. The applicant must secure at least 65% score in each category. Only Eligible Firms/Companies shall be called for further process.

The further detailed criteria for each category may be developed as given under the each head as follows:

1. Equipment Capabilities

Credit Marks shall be awarded on the basis of the following criteria:

Sr. No.			Maximum Marks
1.	Engine/Turbine Running Hours	If All Engines/Turbines are Less than 100,000 R-Hours then full marks will be awarded and if more than 100,000 R-Hours then half marks will be awarded)	35
2.	Efficiency	If all Engines/Turbines will have Efficiency More than 45% then full marks will be awarded and if less than 45% then half marks will be awarded)	15
Sub-Total			50

2. Personnel Capabilities

Credit Marks shall be awarded on the basis of the following criteria:

Sr. No.	Description	Maximum Points
i)	Plant Manager: Should be Graduate in Engineering/Management and having 10 Years' Experience in Power Plant Projects.	9
ii)	Plant Engineer: Should be Graduate in Engineering in relevant field and having 10 Years' Experience in Power Plant Projects.	5
iii)	Boiler Engineer: Should be Class1/2 Boiler Engineer and having minimum 5 years' experience.	3
iv)	Manager Operation: Should be Graduate Engineer and having minimum 5 years' experience in Power Plant Operation.	4
v)	Electrical Engineer should Graduate in Electrical Engineering/B-Tech with 5 Years Power Plants Experience.	3
vi)	Safety Engineer , BSc Engineer/Diploma in Health and safety. Minimum 5 years' experience.	3
vii)	Maintenance Engineer , Graduate in Engineering /BTech and having with minimum 5 years' experience in Power Plant Maintenance.	3
Sub-Total		30

3. Financial Position

Credit Marks shall be awarded on the basis of the following criteria:

Sr. No.	Description	Maximum Marks
i)	Bank Letter showing Financial Standing.	6
ii)	Registration with FBR for Income & Sale Tax.	5
iii)	Audited Financial Statements for last 3 years of Applicant Company /Parent Holding Company.	9
Sub-Total		20

ELIGIBILITY CRITERIA (MANDATORY)

- i. Shall have Generation License or may arrange within stipulated time as agreed.
- ii. Shall have Wheeling permission where required, from concerned Authorities or may arrange within stipulated time as agreed.
- iii. Shall have experience of 3 years in the field of Power Generation (Applicant/Group Company).
- iv. The Company has not been blacklisted by any Government/Semi Govt or Autonomous body.(Provide undertaking on Stamp Paper)
- v. Plant must be able to offer electricity supply at 85% availability per annum.