

**PART B – SECTOR SPECIFIC INFORMATION
WASTE TO ENERGY PROJECT**

1.0 Project Highlights (enclose DPR & business plan)

1.1	Type of project (industrial waste Based or MSW Based)	:	
1.2	Proposed Installed Capacity of the Project in MW	:	
1.3	Type of the Wastes	:	
1.4	Proposed Technology	:	
1.5	Capacity Utilisation factor in %	:	
1.6	No of days of operation	:	
1.7	Estimated Generation of power in Kwh/annum	:	
1.8	Estimated Generation of by-product if any	:	

2.0 Location Feature

2.1	Proposed location of the Project						
	Village	:					
	Taluk/Tehsil	:					
	District	:					
	State	:					
	Pin Code	:					
	Telephone & Fax Nos.	:					
2.2	Accessibility to proposed location of the Project						
	Particulars		Name		Distance from Project Site (km)		
	Nearest Tehsil/Block HQ						
	Nearest Road Head						
	Nearest Railway Station						
	Nearest Airport						
	Nearest Grid/Substation						
2.3	Special Category if any – Location based						
	Tick as applicable						
	NE States & Sikkim	Islands & Estuaries	Hilly Area	Jammu & Kashmir	Deserts	Newly formed states	Not applicable
2.4	Details of proposed Project Land(Please tick as appropriate)						
	Particular	Area	Acquired	Whether land is Mortgagable (*)			
	Private Land						
	Government Land						
	Other (Specify)						
	Total						

(*) In case the land is mortgaged earlier, please provide the details.

3.0 TECHNICAL

3.1	Details of the consultant (including contact person and phone/fax nos.) who has prepared the DPR		:			
3.2	Proposed technology supplier (enclose the details and write up on status of technology in India)		:			
3.3	Basis of selection of the proposed technology		:			
3.4	Type of wastes					
3.5	Characteristics of wastes					
3.6	Source of wastes (Captive source/external source)		:			
3.7	Requirement of wastes to the project in tons (please enclose process flow chart with material balance, utilities and process parameters)		:	Per Hour	Per Annum	
3.8	Availability of wastes (in excess) to the project (per annum) in tons (in case of industrial wastes) Enclose report on survey carried out by independent professional agency on availability of wastes		With in District	Within 25 Km range	With in 50 Km range	
3.9	Tie up of raw material/wastes to the project		Enclose copies of agreement signed with the supplier for supply of wastes for 10 years			
	Description of raw material/wastes	Arrangement of supply	Quantity/year		Landed Cost/Unit (Rs)	
3.10	Selling arrangement (Provide a write-up on marketing tie-up)		:	SEB/Third party/Sister concern/Captive consumption		
3.11	PPA terms • Purchase price of power (Rs/kwh) • Escalation • Wheeling & Banking charges		:			

4.0 COMMERCIAL																											
4.1	Proposed Project cost Estimates																										
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(Please enclose detailed cash-flow statements if the same are not annexed with the DPR)													

4.4	Assumptions taken for Performance Indicator at point No. 4.3		
	a) Rate of Interest for proposed loan from IREDA, repayment period & Moratorium	:	
	b) Selling price of power/by-product (as	:	
	c) Sale price escalation per annum	:	
	d) Raw material cost		
	e) Annual price escalation in raw material		
	f) Capacity Utilization Factor	:	
	g) Annual O & M Charges	:	
	h) Annual escalation of O & M Charges	:	
	i) Taxes & Duties, (Excise Duty,	:	
	j) Depreciation rate		
	k) Any other (Please Specify)	:	

4.5	Implementation Schedule		
	Expected month & year of completion	:	
Sr. No.	<u>Event</u>		Expected date of completion
1	Land Acquisition		
2	Finalisation of procurement contract		
3	Completion of civil work		
4	Delivery of equipment		
5	Installation of equipment		
6	Test run		
7	Technical commissioning		
8	Commercial commissioning		

4.6	Fund Drawl Schedule			
Sr. No.	Amount	Expected date of drawl	IREDA loan	Promoter's Contribution

4.7	Applicants perception of the risk involved in the project		
Sr. No.	Risk Factor	Risk Category (Low/ Medium/ High)	Applicants perception of the risk and its mitigation
1	Completion Risk		
2	Operating Risk		
3	Regulatory Risk		
4	Technology Risk		
5	Fuel Supply Risk		
6	Off-take Risk		
7	Price Risk		
8	Collection Risk		

9	Diversion Risk		
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5.0 ENVIRONMENTAL BENEFITS

Provide details of environmental benefits expected by putting up the project Employment Generation	
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6.0 SECTOR SPECIFIC APPROVALS

Details	Obtained/ enclosed (please indicate page/annexure no.)	To be Applied
Pollution Control Board's Clearance		
State Government clearance for setting up the project		
Local body clearance for setting up the project		
Letter on allocation of Land by State Government/Municipal Corporation in case of MSW projects & Land deed/ Lease deed etc		
NOC from State Electricity Board		
Power Purchase Agreement		
Agreement for supply of wastes from Municipal Corporations in case of MSW projects		
Agreement for supply of wastes for 10 years from the suppliers in case of Industrial wastes		

Place :

Signature : _____

Name & Designation : _____

Date :

Rubber Stamp : _____

