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POWER GRID CORPORATION OF INDIA

भारत सरकार के द्वारा
एन.ए.ए.ए.ए.
(A Government of India Enterprise)



Ref Number

C/CP/TA/3 SUP-ER

Handwritten notes:
AM (Chief Secy)
P. Cooper Head
Convening
20/2/03

India Office, Convent Road, New Delhi - 110001

February 25, 2003

MEMORANDUM

SUB: INVESTMENT APPROVAL FOR SYSTEM STRENGTHENING SCHEME FOR EASTERN REGION (FORMERLY PART OF TALA SUPPLEMENTARY SCHEME)

The Board of Directors of the POWERGRID, in exercise of powers delegated to it by the Government of India vide its O.M.No.11/36/97-FIN dated 9.10.1997, have accorded investment approval for implementation of System Strengthening Scheme for Eastern Region (formerly part of Tala Supplementary Scheme) in its 138th meeting held on January 30, 2003. Details of the project are given as below:

1. Scope of Project

Transmission Line

- Biharsharif-Muzaffarpur 400 kV D/C – 140 kms.
- LILO of one circuit of Farakka-Jeerat 400 kV line at Subhashgram – 70 kms.

Substations

- Establishment of 2x315 MVA, 400/220 kV substation at Subhashgram
- Biharsharif 400 kV Extension
- Muzaffarpur 400 kV Extension
- Siliguri Extension by 1x315 MVA, 400/220 kV ICT

Reactive Power Compensation

One no of 50 MVAR reactor to be shifted from Jeerat end of Farakka – Jeerat 400kV S/c line to Subhasgram end of Farakka-Subhasgram line after LILO.

2. Estimated Cost and project funding

The estimated cost of the project works out to Rs. 247.91 Crore including the D/C of Rs 23.84 Crore at 4th Qtr 2002 price level. The abstract cost estimate is attached at Annex-I. The project is proposed to be executed through domestic banks and POWERGRID's own resources.

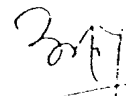
3. Implementation status

The project is scheduled to be commissioned within a period of 36 months from the date of investment approval

4. Progress report

Progress reports indicating the financial and physical progress of implementation of the scheme will be put up to the Board of Directors.

This sanction issues in pursuance of the minutes of the meeting of the 138th meeting (item no. 138.2.10) of the Board of Directors held on January 30, 2003.


- 23/5/03

(Arun Kumar)

Addl. General Manager (CP)

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CMD

Dir : Projects/ Finance/ Operations/ Personnel/ CVO

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9. Chairman, DVC, DVC Tower, Manektal, Civic center, VIP Road, KOLKATA- 700 054
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13. Member Secretary, EREB, 14 Golf Club Road, Tollygunge, KOLKATA-33
14. Member (Power Systems), CEA, R.K.Puram, NEW DELHI -66
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17. Joint Secretary & Financial Advisor, MOP
18. Joint Secretary (Trans & IPC), MOP
19. Joint Secretary (Plan Finance Div.-II), Ministry of Finance
20. Director, Ministry of Finance (Plan finance div.), North Block, NEW DELHI-1
21. Deputy Secretary, Cabinet Secretariat
22. Director (T & D), Ministry of Power
23. Finance & Budget Section, MoP

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(ATOP) 11/11/11

**ABSTRACT COST ESTIMATE
SYSTEM STRENGTHENING SCHEME
FOR EASTERN REGION**

(Cost updated to 4th Qr. 2002 price level)

Sr. No.	DESCRIPTION	(Budget in Crores)	COST
A	Preliminary & Civil Work		2.12
B	Land & Compensation		2.13
C	Civil Works		2.85
	i) Infrastructure		2.12
	ii) Buildings		2.13
	iii) Colony		2.85
D	Equipment Cost		
	a) Trans. Lines (Annex.-1.2)		104.67
	b) Sub-Stations (Annex.-1.3)		59.94
	Sub Total (A to D)		207.65
E	Misc. Tools & Plants		
F	Maintenance during construction		
G	Engg. & Administration	@ 5%	10.38
H	Losses on Stock		
I	Contingencies @ 3%		6.23
	Grand Total excl. IDC (A to I)		224.27
J	Interest During Construction (IDC)		23.64
	GRAND TOTAL INCL. IDC		247.91

NOTE: Loan has been assumed to be available from domestic resources.