

Logistics Solution for Coal Transportation on Haldia - Farakka stretch



Tildanga

Conveyer Belt

NTPC Plant, Farakka

New Farakka

NH 34

NH 34

NH 34

Logistics Solution for Coal Movement: Haldia - Kahalgaon Stretch



MERRY GO ROUND-II- BARGES

Target Quantity	: 1.6 mn MT
Turnaround of Barges	: 7 days
No. of Barge required	: 27
Operational period	: 10 months

Logistics Solution for Coal Movement: Haldia - Kahalgaon Stretch



Kahalgaon

Permanent Township

Conveyer Belt

NTPC Plant, Kahalgaon

NH 80

NH 80

NH 80

IWT Terminal at Haldia



- IWAI intends to develop an inland waterway terminal at Haldia through Private sector participation.
- Land measuring 16 acres has already been short-listed by IWAI
- IWAI has completed pre-feasibility study for the proposed terminal
- Land acquisition is under progress
- Haldia terminal can be an alternative storage yard for coal in an emergency

Proposed Logistic solution for Domestic Coal..(1/2)



- Movement of coal from MCL through Barges

- Annual Contracted Quantity upto 2013-14

(in Lakh Tons)

- Kahalgoan : 1.10
- Farakka : 6.42
- Kolaghat : 42.50
- Bandel : 3.0
- Sagardighi : 5.50
- Budge Budge : 2.50

Proposed Logistic solution for Domestic Coal..(2/2)



- Possible Coastal Shipping & IWT movement
 - Coastal vessel is loaded at Paradip/Dhamra Port
 - Lightage at Haldia into IWT vessel for supplying coal to Farakka & Kahalgaon of NTPC and Sagardighi & Kolaghat of WBPDCCL
 - Coastal vessel can directly supply coal at Budge Budge & Bandel TPS
- IL&FS conducting Feasibility Study on behalf of IWAI
- Further discussion with CIL on anvil

IWT Terminal at Jogighopa on NW-2



- The Terminal was bid on a PPP basis on Construct, Operate and Manage format
- 2 Bids have been received for the project and the evaluation process has been concluded.
- Movement of about 1.20 lakh ton of Meghalaya coal from Jogighopa to Kolkata expected
- NTPC power plant at Bongaigaon would require about 2 mn MT of domestic coal
- MCL /Rajmahal coal fields could be possible source
- Jogighopa could be receiving station for such coal

Future Potential of Imported coal movement on NW1



- Four more Power projects coming up on Ganga
 - Bara
 - Karchana
 - Barh
 - Pirpainti
- Phase wise commissioning to commence from end 2011
- Expected imported coal requirement to be 6-8 mn MT+ per annum



Opportunity Beckons



- Huge potential for coal movement through IWT on Ganga & Brahmaputra
- Includes 10 mn MT + of imported coal & anything between 5 -10 mn MT of domestic coal
- Like quantity of 'return cargo' in form of fly ash may become available
- Merry go round of over 500 IWT vessels may be required in next 2-5 years
- A possible 'win-win' situation for all stakeholders
- Opportune time to seize this '**business opportunity**'

