Logistics Solution for Coal Transportation on Haldia - Farakka stretch

NTPC Plant, Farakka

Conveyer Belt
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

NTPC Kahalgaon - Farakka - Haldia
Logistics Solution for Coal Movement: Haldia - Kahalgaon Stretch
IWT Terminal at Haldia

• IWAI intends to develop an inland waterway terminal at Haldia through Private sector participation.

• Land admeasuring 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
• 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’
Waterways of India

THANK YOU