

ADDENDUM-2

Technical Information related to GR Jetty-2 in Kolkata and Gaighat terminal in Patna.

1. Technical data and Asset list of Kolkata Terminal

Nautical Aspects	Unit	Value
Available depth alongside berth	meters	5
Length of dredged pocket	meters	N.A.
Length of approach channel	meters	N.A.
Radius of turning circle	meters	N.A.
Tidal Level (Max)	+ mtrs CD	7.7
Tidal level (Mean)	+ mtrs CD	4.88 max high water level
Tidal level (Min)	+ mtrs CD	0.14 lowest low water level
Horizontal deviation HFL and LFL		N/R
Current (max)	meters/sec	3
Current (Min)	meters/sec	-

Jetty	Unit	Value
Year of commissioning		2013
Length	meters	71.25
Width	meters	20
Deck Level	+ mtrs CD	8.0 above KODS
Deck Strength (uniform distributed load)	tons/sqm	5
Deck Strength (allowable load)	tons/sqm	N/A
Design Berthing Force	KN	84.7 at 10°

Yard	Unit	Value
Paved Area (incl. Storage)	sqm	13457
Unpaved Area	sqm	Approx. 30,000 sqm (incl BISN and GR-1)
Covered Storage (shed)	sqm	1100
Boundary wall	Y/N	Y
Available power	kVA	200 KVA
Transformer specifications		Automatic elector gear - 1 no.
Custom Bonded Area	Y/N	Y

Additional assets on site	Unit	Value
Office building	Y/N	Y
Cranes	Nos.	None
Forklifts	Nos.	None
Transit shed		45 m x 254 m
Electrical sub-station building		10.5 m x 5.0 m
Pumb House		7.5 m x 6.5 m
LT Room		7.5 m x 3.5 m
Sentry Box		8.60 m ²
Site office		14.25 m x 9.25 m

2. Technical data and Asset list of Gaighat Terminal

Nautical Aspects	Unit	High Level jetty	Low level jetty
Available depth alongside berth	meters	3	3
Length of dredged pocket	meters	N/A	N/A
Length of approach channel	meters	N/A	N/A
Radius of turning circle	meters	N/A	N/A
Tidal Level (Max)	+ mtrs CD	No Tidal Zone	No Tidal Zone
Tidal level (Mean)	+ mtrs CD	No Tidal Zone	No Tidal Zone
Tidal level (Min)	+ mtrs CD	No Tidal Zone	No Tidal Zone
Horizontal deviation HFL & LFL		N/A	N/A
Current (max)	m/sec	1.109	1.44
Current (Min)	m/sec	0.768	0.768
Jetty	Unit	High Level jetty	Low level jetty
Year of commissioning	Year	2012	2012
Length	meters	70	46.6
Width	meters	20	15
Deck Level	+ mtrs CD	9.88	5.88
Deck Strength (uniform distributed load)	tons/sqm	N/A	N/A
Deck Strength (allowable load)	tons/sqm	N/A	N/A
Design Berthing Force	KN	N/A	N/A
Yard	Unit	Value	
Paved Area (incl. Storage)	sqm	4575	
Unpaved Area	sqm	Nil	
Covered Storage (shed)	sqm	630	
Boundary wall	Y/N	Y	
Available power	kVA	300 K VA Installed by Bihar Electricity Board	
Transformer specifications		N.A.	
Custom Bonded Area		No	
Additional assets on site	Unit	Value	
Office building	Y/N	Y	
Cranes		2 Mobile Hydraulic-boom Cranes	
Forklifts		N.A.	
Other assets?		Shore crane (container) 20-ton capacity at 10 m radius, shore crane- 4-ton capacity at 10 m radius, Office Building, Transit shed, POL Station, Porta Office, Security guard room, Generator room, DGPS Station. RIS Station.	