

Justification for locating the Project in forest land and details of alternates examined

Rail Connectivity from Amarda Road Station to proposed Subarnarekha Port

1. SPPL is developing a single track broad gauge railway line taking off from Amarda Road station on Howrah Chennai line to port site at Chaumukh village, Baliapal, Balasore.
2. It is a linear project involving development of rail linkage of ~37 km.
3. In the planning stage detailed studies such as reconnaissance survey, route alignment, longitudinal survey, land requirement, social impact amongst others were carried out for following 3 alternatives:
 - i. Take off at Amarda Road Station
 - ii. Take off at Rupsa Station
 - iii. Take off at Haldipada Station
4. The route alignment, route length and land requirement of all the 3 alternatives are summarised in **Annexure A**.
5. It is evident that the route length taking off from Amarda Road station is the lowest amongst the 3 alternatives resulting in least requirement of area of total land. In addition to above, the area of forest land falling on the rail corridor for Amarda Road option worked out to be the least amongst the 3 alternatives. It also involves least displacement of local populace.
6. Subarnarekha Port is expected to serve the customers based in part of North Odisha, West Bengal, Jharkhand and Bihar. The distance from the port to the plants of such customers works out to be the least via Amarda Road connectivity. Thus, carbon emission is expected to be least during movement of rakes to/from the Port.

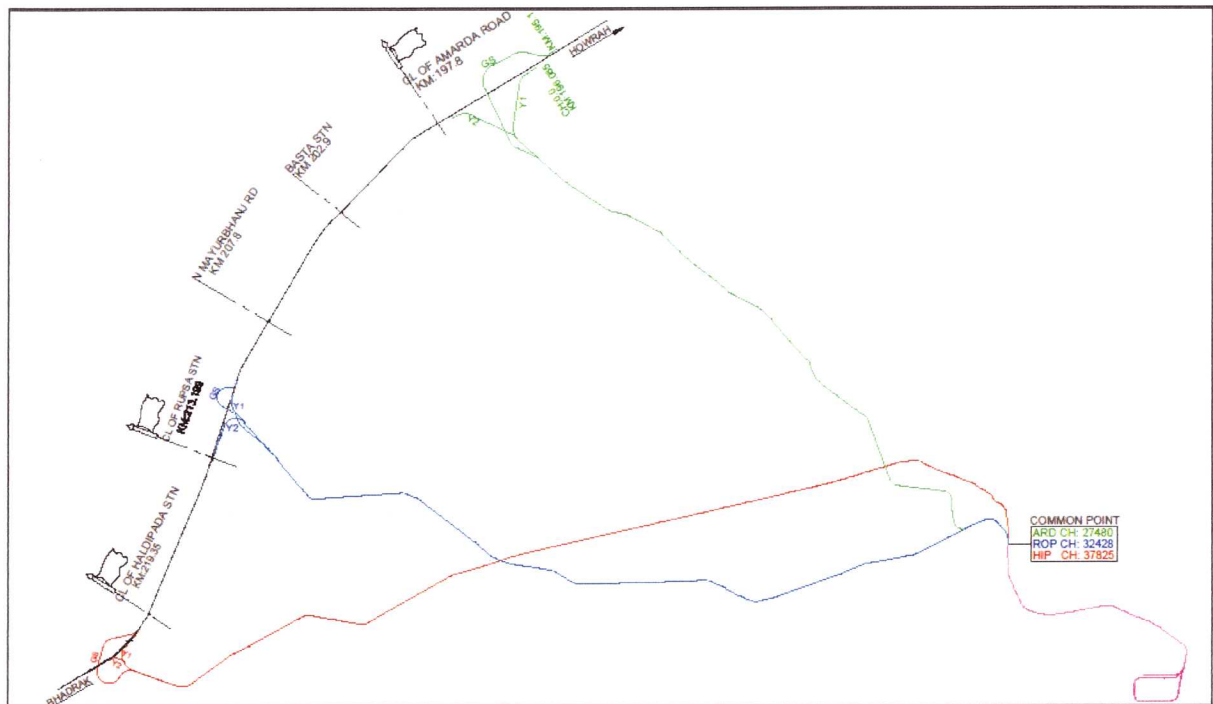
For SUBARNAREKHA PORT PRIVATE LTD


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Description	UOM	Amarda Road	B. Rupsa	c. Haldipada
A. Estimated Land requirement				
From Y1 point to port rail gate	Acres	310	332	428
Y2 connection	Acres	5	6	5
Grade Separator	Acres	43	42	37
Total Land requirement	Acres	358 (Least)	380	470
B. Total Route Length	km	37	42	47

Legend: Y1: Surface connectivity with Indian Railways on DN side; Y2: Surface connectivity with Indian Railways on UP side

Annexure A: Alternative Evaluation of Rail Project



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 Authorised Signatory(ies)

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