

Adani Cementation Limited

Raigad Cement Bulk Terminal Project

Justification for Selecting Project in Forest Area

Adani Cementation Limited (ACL) proposed to set up **Raigad Cement Bulk Terminal (RCBT)** capacity of 4 Million Metric Tonnes per annum Cement Storage and Packing facility in two phases (**Phase I** – 2 MTPA & **Phase II** – 2 MTPA) and **Berthing Jetty** (capacity of 5 MMTPA of cargo handling capacity) at Amba River along with Conveyor Corridor and Approach road for RCBT, at Village Shahbaj & Shahpur, Tehsil Alibag, District Raigad, Maharashtra.

To find the ideal location for the RCBT and berthing of barges analysis of alternative has been carried out. Amba river which used as a national water way No. 10. Since, the three alternative site has been studied for the proposed project viz. Site 1 (S1), Site 2(S2) and site 3(S3), shown in **Figure 1** below and comparison between the site shown in **Table 1**.

Site 1 (S1): Along Amba River, Village Masad, Taluka Pen, District Raigad

Site 2(S2): Along Amba River, Village Shahbaj, Taluka Alibaug, District Raigad (**Selected**)

Site 3(S3): Along Amba River, Village Shahbaj, Taluka Alibaug, District Raigad

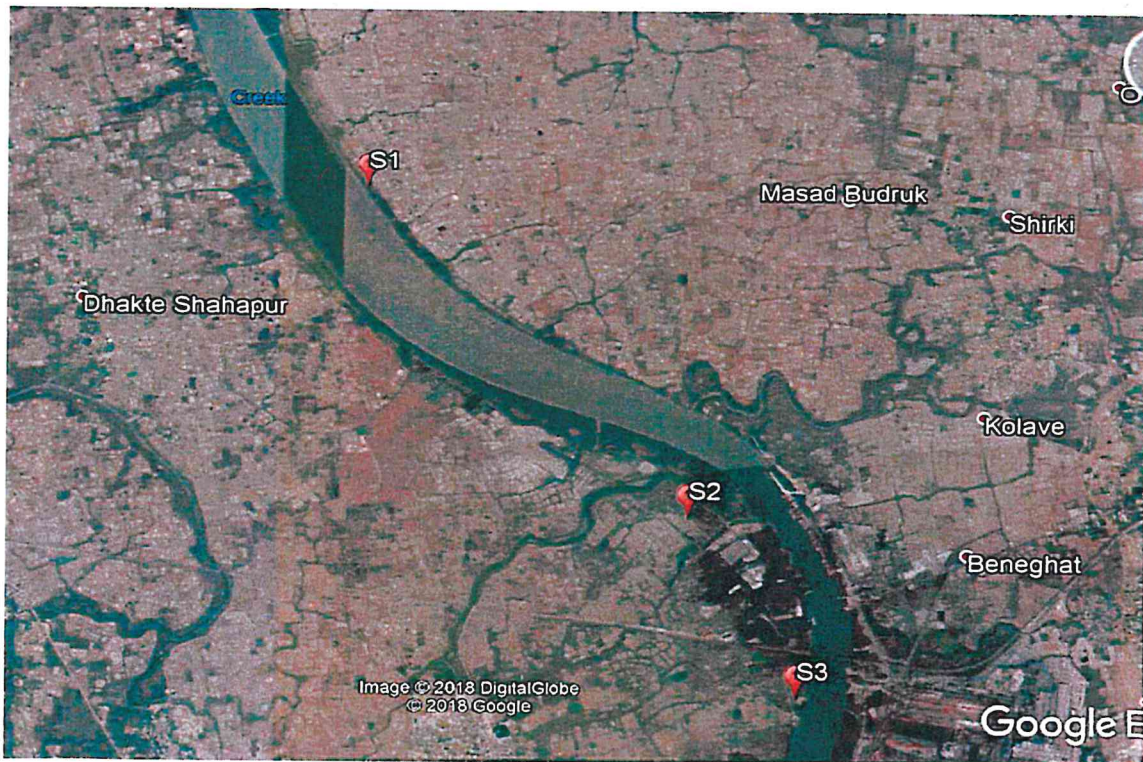


FIGURE 1 – SHOWING ALTERNATIVE SITE CONSIDERED FOR THE PROPOSED PROJECT

Sansay Prasad
 SANSAY PRASAD
 ADANI CEMENTATION LIMITED
 AHMEDABAD

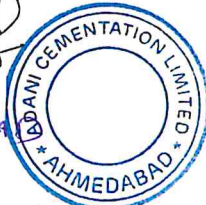
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Table 1 Analysis of site alternatives

S.N.	Descriptions	Evaluation of Alternative Sites, tangible parameters		
	Raigad Cement Bulk Terminal	S1	S2	S3
1	Distance of nearby River/Water bodies	Adjacent to Amba River	Adjacent to Amba River	Adjacent to Amba River
2	National Park/wild life Sanctuary / Biosphere Reserve/ Conservation Reserve	>15 km	>15 km	>15 km
3	Presence of Archaeological Sites, Historical/ Tourist place	>15 km	>15 km	>15 km
4	Critically polluted areas as per MoEF notification	None	None	None
5	Presence of Environment Sensitive Area - Mangroves	Yes	Yes	Yes
6	Distance of Major city	Pen Town (@10km)	Pen Town (@8km)	Pen Town (@8.20km)
7	Major Road and Highway	State Highway SH-88 (@5.7km)	State Highway SH-88 (@1 km)	State Highway SH-88 (@0.6 km)
8	Proximity of Water Front for procurement of raw material (Km)	Adjacent to Amba River	Adjacent to Amba River	Adjacent to Amba River
9	Proximity to Highway for dispatch of finished goods (Km)	~5.0 km (Need to cross 3nos. of Habitations)	~1.5 km NH 166A	~1.5 km NH 166A
10	Proximity of nearest Settlement (Km)	0.5 km	Shahbaj Village @ 2.0 km	Shahbaj Village@ 1.5 km
11	Safety of Barge Navigation	~ 5.0 metres of draft available	~ 5.0 metres of draft available	Infringing railway/road bridges on Amba river
12	Proximity from NP/WLS/AM if any	Outside 15KM radius	Outside 15KM radius	Outside 15KM radius
	Rank	III	I	II

Site S2 has been found suitable and environment friendly for the proposed project. No adverse effect on environment is envisaged at proposed site.

Sanjay Prasad

 SANJAY PRASAD

Adani Cementation Limited

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At proposed Site S2, to find out ideal location for Conveyor Corridor, analysis of alternatives has been carried out. Three alternative options has been studied for the proposed conveyor corridor viz. Option 1, Option 2 and Option 3, shown in **Figure 2** and comparison between options in **Table 2**.

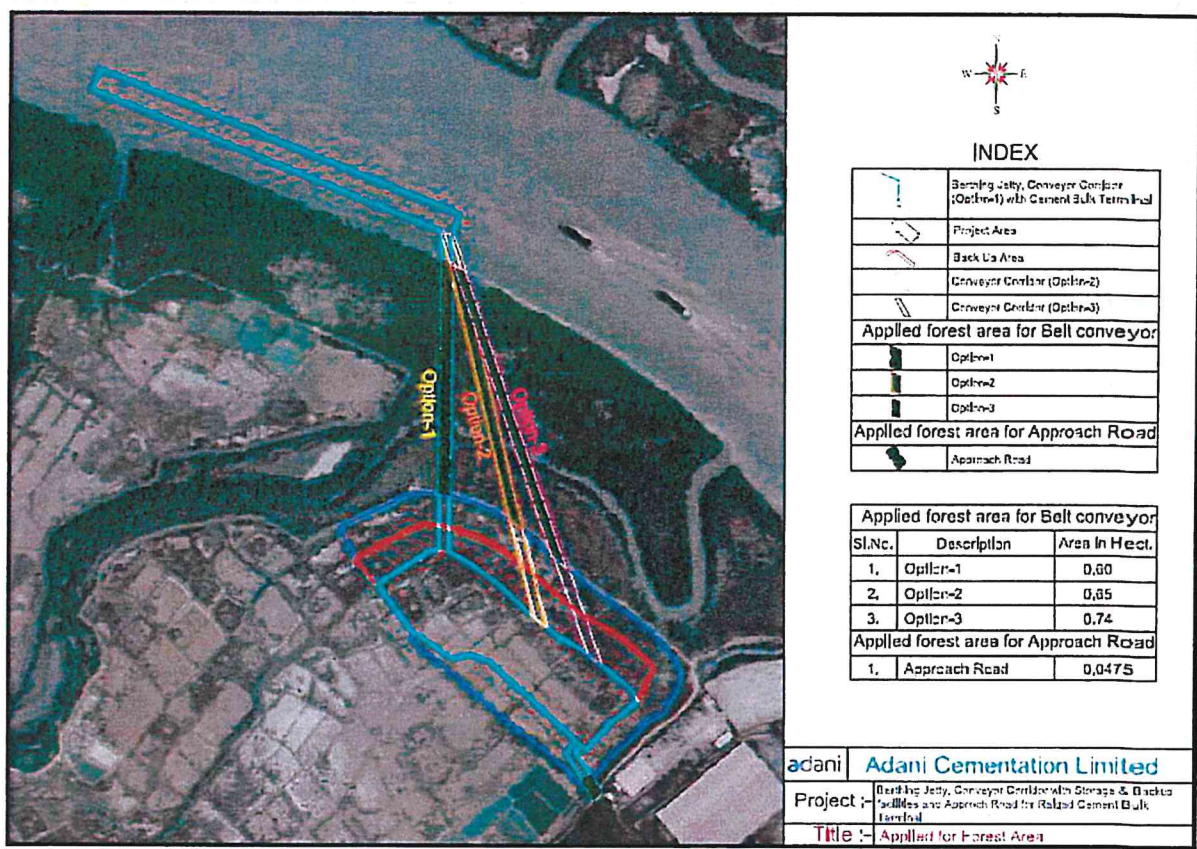


FIGURE 2 - SHOWING ALTERNATIVE OPTIONS CONSIDERED FOR CONVEYOR CORRIDOR

TABLE 2 ANALYSIS OF SITE ALTERNATIVES FOR CONVEYOR CORRIDOR

S.N.	Descriptions	Evaluation of Alternative Options, tangible parameters		
Raigad Cement Bulk Terminal		Option 1	Option 2	Option 3
1	Forest area for Conveyor Corridor	0.60 Ha	0.65 Ha	0.74 Ha
	Rank	I	II	III

Option 1 has been found suitable and environment friendly for the conveyor corridor. No adverse effect on environment is envisaged at proposed site.


SANSAY PRASAD
