

**TECHNO FEASIBILITY
REPORTS FOR BATCHING
PLANT, CRUSHER PLANT, HSD
CONSUMER PUMP, MAGAZINE
STORAGE AND LABOUR HUT
NEAR DIGDOL NALLAH,
KHUNNI NALLAH AND
PANTHYAL
OF
M/s CEIGALLINDIA LTD.**

**IN DIGDOLL, TEHSIL- RAMBAN,
DISST. – RAMBAN, J & K (UT)**

Highlights

Applicant's Name	M/s CEIGALL INDIA LTD
Applicant's Address	Camp Office- CEIGALL INDIA LIMITED, Vill.-Digdol & Teh.- Ramban, District.- Ramban, J & K (UT)- 182184
Project Name	Construction of Four Laning of part of Ramban to Banihal Section of NH-1A (Now NH-44), from Ch. 158+675 to Ch. 164+660 (North Bound) and Ch. 160+282 to Ch. 163+368 (South Bound connecting with Existing Tunnel-T4) excluding Ch. 161+544 to Ch. 164+100 (North Bound) including Construction of Twin Tube Tunnel (Package-II) in the UT of Jammu & Kashmir on EPC Mode.
Client	National Highway Authority of India (NHAI)
Place where plants to be installed	Vill.- Digdol, Panthyal
State	Jammu & Kashmir (UT)
District	Ramban
Town/Village	Digdol
Duration of the Time	Up to Completion of the Project

For CEIGALL INDIA LIMITED
Yannick & C
Managing Director

Introduction :-

CEIGALL INDIA LIMITED, An ISO: 9001-2008 Certified Company, Registered under Companies Act 1956 , having its Head office at A-898 Tagore Nagar Ludhiana 141001 has been awarded **“Construction of Four Laning of part of Ramban to Banihal Section of NH-1A (Now NH-44), from Ch. 158+675 to Ch. 164+660 (North Bound) and Ch. 160+282 to Ch. 163+368 (South Bound connecting with Existing Tunnel-T4) excluding Ch. 161+544 to Ch. 164+100 (North Bound) including Construction of Twin Tube Tunnel (Package-II) in the UT of Jammu & Kashmir on EPC Mode”** by National Highway Authority of India. Vide letter no. NHAI/J&K/Ramban-Banihal Pkg-II/2021/EPC dated 03.09.2021.

The above said project is the prestigious project of national importance in district Ramban of UT of Jammu & Kashmir and to complete the project requirement, CEIGALL-PEL (JV) hereby propose the commissioning of batching plat at Digdol village Tehsil & District Ramban.

CEIGALL-PEL (JV) indivisibly has completed & commissioned several numbers of prestigious project all over India. The company has carried out major project under infrastructure sector such as Railways, Road & Highway, Bridges and Elevated Road, Tunnel etc. and has extensive knowledge and know how in the field of construction work.

It is pertinent to mention that for the timely construction of above said road project, the commissioning of crusher plant, batching plat, magazine storage, labour huts, HSD pump nearest project is very important so that we supply the construction materials as soon as possible at project site.

We approached to district higher authorities to identify & provide suitable land for commissioning of plants in and around the project area. Subsequently, they conveyed that no revenue land is available in this area & have identified forest land for commissioning of crusher plant, batching plat, magazine storage, labour huts, hsd pump etc. Then after joint survey with forest official was carried out.

In recent past, the company has completed several prestigious projects of national and international importance in all over India.

For CEIGALL INDIA LIMITED
Kamal S. C.
Managing Director

Crusher Plant:

One of the most important materials required for any construction is stone chips. It is used along with cement, steel, and bridge, tunnel in any and all kinds of construction works. Different sizes of stone chips are required for different kinds of construction works, and one can get the stone crushed into various different sizes like 10mm, 20mm, crushed sand etc. accordingly.

It is pertinent to mentioned that huge quantity of stone chips is required for timely completion of the prestigious project. The source of the stone chips is must require nearest the project site. Therefore, we identify the land near about Digidol nallah dumping ground so that we commissioning the temporary crusher plant here. The project tunnel also starts here and we could be executing the work easily, rapidly and customized the transportation and execution cost.



For CEIGALL INDIA LIMITED


Naresh S. C.
Managing Director

GIO REFERENCE MAP OF CRUSHER PLANT AT DIGDOOL CEIGALL INDIA LTD.



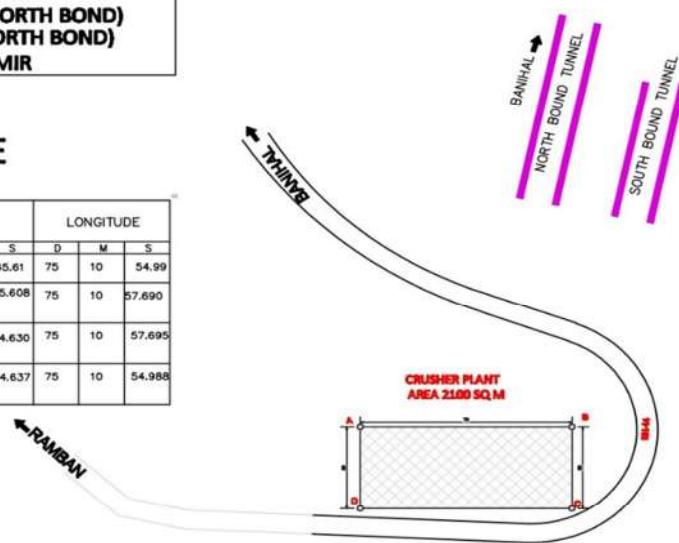
PROJECT:

CONSTRUCTION OF FOUR LANING OF
RAMBAN - BANIHAL SECTION OF NH-1A
CONSTRUCTION OF TWIN TUBE TUNNEL
CH-158+675 TO 164+660 (NORTH BOND)
CH-160+282 TO 163+638 (SORTH BOND)
PACKAGE-II JAMMU & KASHMIR

GIO CO-ORDINATE

CRUSHER PLANT

POINT NO	EASTING	NORTHING	LATITUDE			LONGITUDE		
			D	M	S	D	M	S
A	516939.274	3684117.451	33	17	45.61	75	10	54.99
B	517009.274	3684117.451	33	17	45.608	75	10	57.690
C	517009.274	3684087.451	33	17	44.630	75	10	57.695
D	516939.274	3684087.451	33	17	44.637	75	10	54.988



Location Plan Show The Crusher Plant (70M x 30M= 2100Sqm Area), Batching Plant (35M x 25M = 875 Sqm Area) and Labour Hut (10M x 5M = 50 Sqm Area) at Digdol Nallah.

For CEIGALL INDIA LIMITED
Yannick & C
Managing Director

Batching Plants:

Manufacturing process for preparation of concrete is very simple and does not involve any sophistication the batching plant is provided with feeder where aggregate of various sizes, sand and cement are fed to the plant as per requirements.

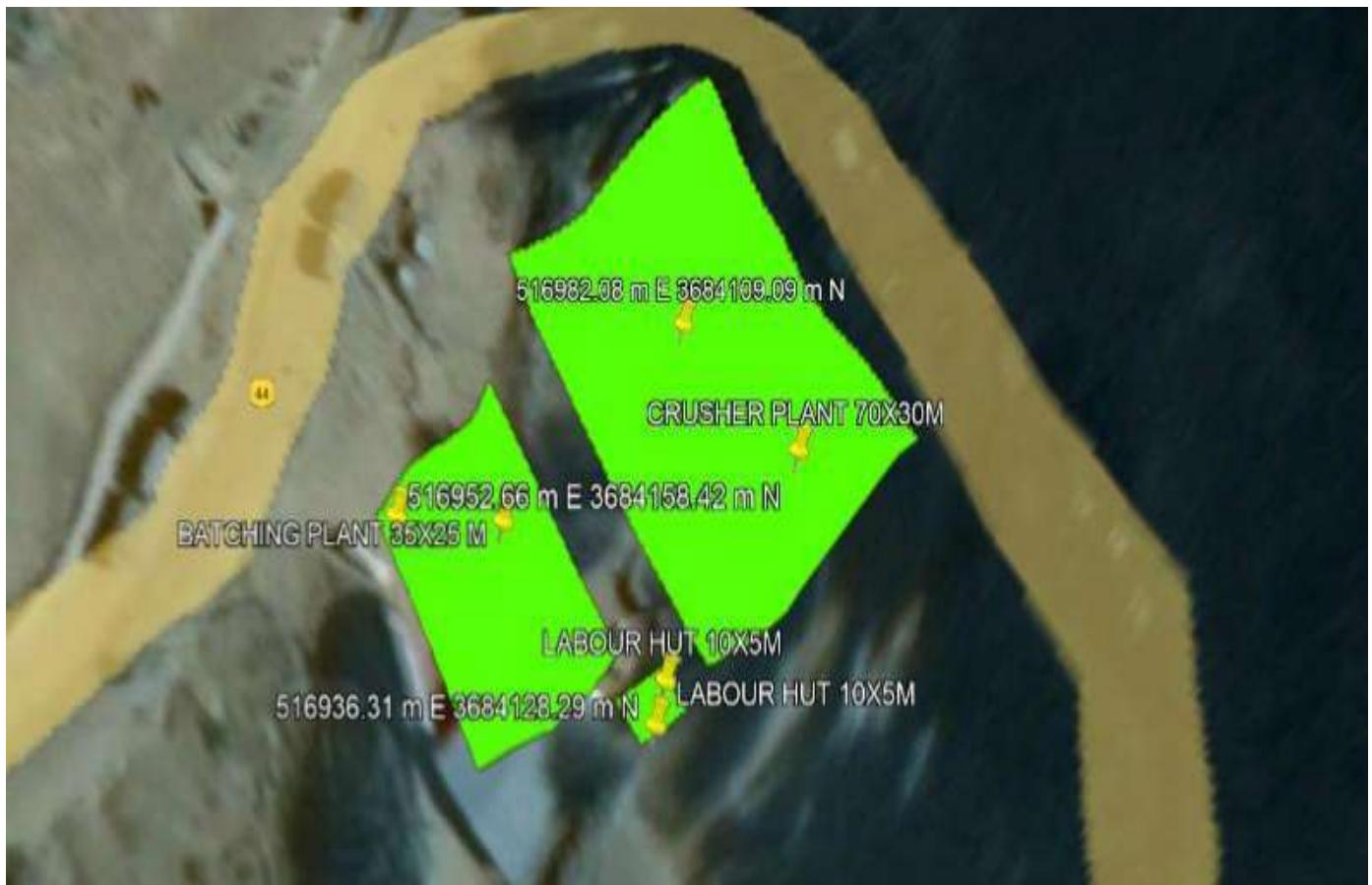
The aggregate & sand are supplied from the stone crushers and sand quarries at the distant places. The cement bags are procured from the market. The quantity of input and output is regulated by automatic / computerized mechanism installed at plant. The whole plant & machinery is sealed completely to ensure a dust free environment.

The concrete of different ration and proportions so obtained is dispatched to the site through transit mixers as per the requirement at the different locations of worksite. The aggregate sand and cement are the basic raw material required for producing the concrete.

During water season hot water is mixed with the concrete to maintain the temperature of concrete at around 19 degrees centigrade. For this purpose, arrangement of hot water will be made at site, as the when required.

The process involved in making at concrete is not intricate and no sophisticated technology is required. the company has required workers for various day to day activities including periodical maintenance required in the plant.

To meet the milestone set by National Highway Authority of India (NHA) and to expedite completion program of the on-going project we have require minimum 02 nos batching plant (01nos starting of the project near Digidol nallah and another one at end of the the project near Panthyal). This all area falling in the forest land and there is no any state or private land whom we take on the less and install the plant. We have no other than option to take forest land near project execution site. Therefore, we identify the land near Digidol nallah (Starting point of the project) and near Panthyal (Ending point of the project) for commissioning of temporary batching plats.



For CEIGALL INDIA LIMITED
Managing Director

GIO REFERENCE MAP OF BATCHING PLANT AT DIGDOOL CEIGALL INDIA LTD.

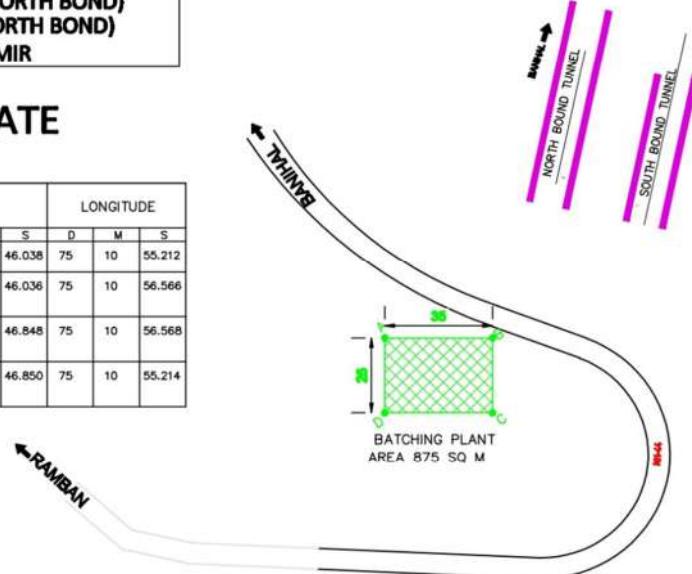


PROJECT:

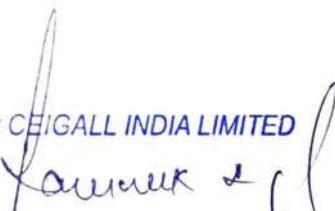
CONSTRUCTION OF FOUR LANING OF
RAMBAN - BANIHAL SECTION OF NH-1A
CONSTRUCTION OF TWIN TUBE TUNNEL
CH-158+675 TO 164+660 (NORTH BOND)
CH-160+282 TO 163+638 (SORTH BOND)
PACKAGE-II JAMMU & KASHMIR

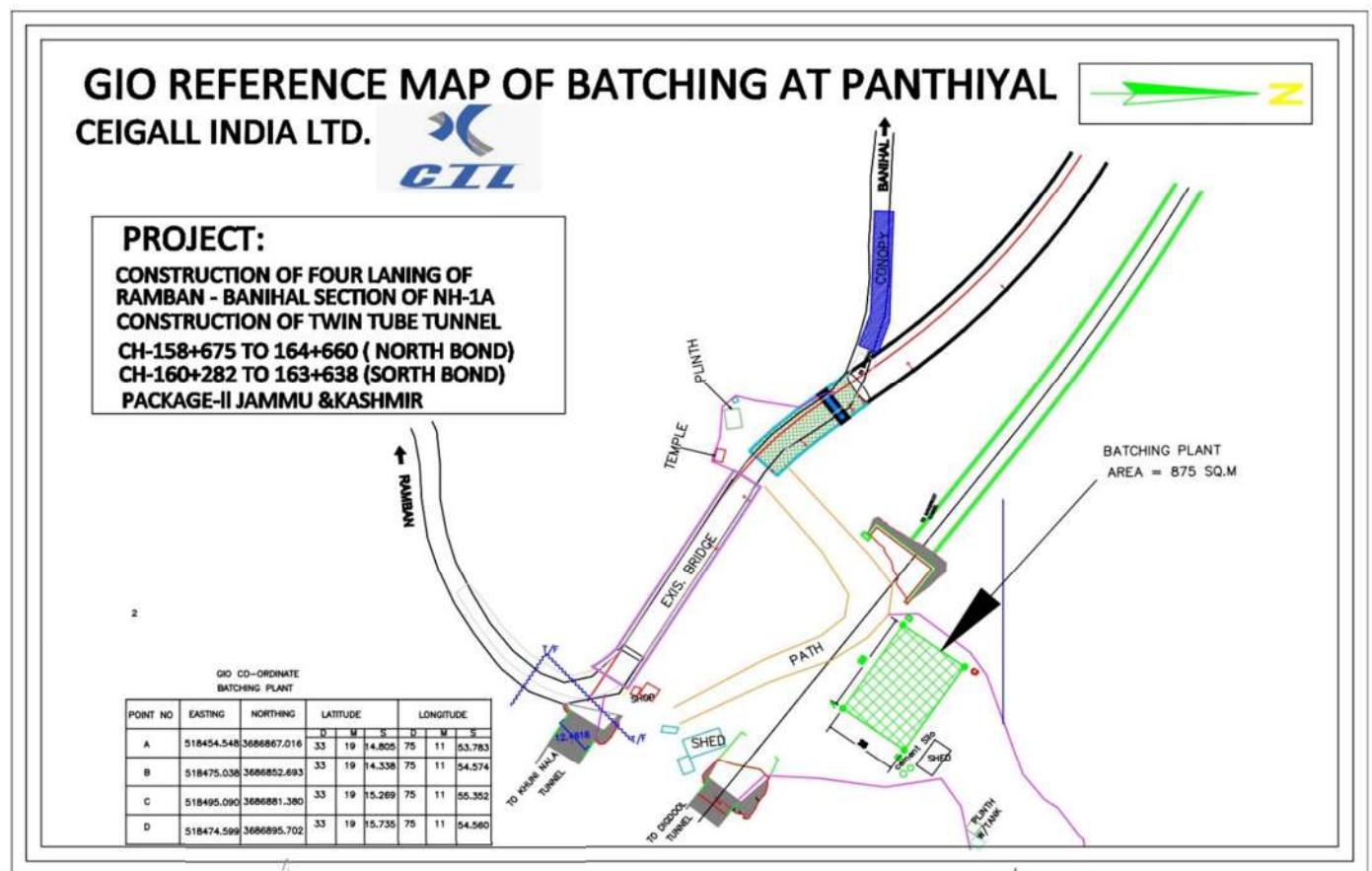
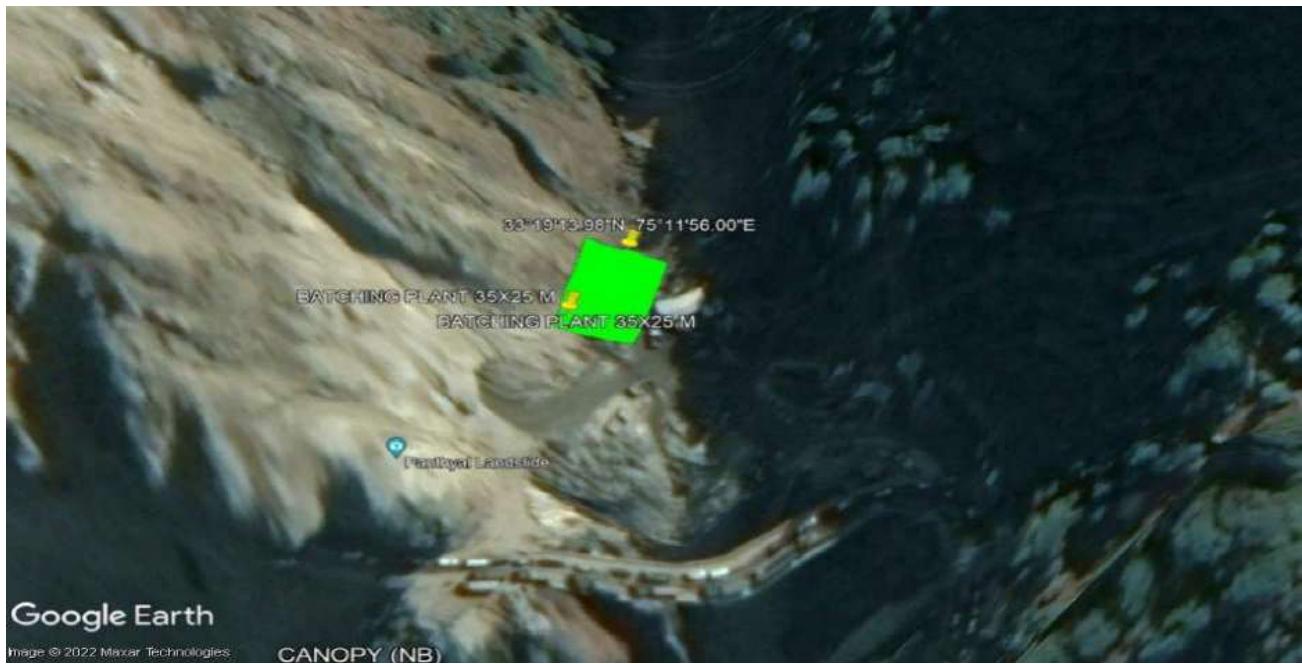
GIO CO-ORDINATE BATCHING PLANT

POINT NO	EASTING	NORTHING	LATITUDE			LONGITUDE		
			D	M	S	D	M	S
A	516945.008	3684130.598	33	17	46.038	75	10	55.212
B	516980.008	3684130.598	33	17	46.036	75	10	56.566
C	516980.008	3684155.598	33	17	46.848	75	10	56.568
D	516945.008	3684155.598	33	17	46.850	75	10	55.214



Location Plan Temporary Batching Plant (35M x 25M = 875 Sqm Area) at Digdol Nallah.

For CEIGALL INDIA LIMITED

 Managing Director



Location Plan Show Temporary Batching Plant (35M x 25M = 875 Sqm Area) at Panthiyal. For **CEIGALL INDIA LIMITED**

Kamaluk & C
Managing Director

HSD Pump:

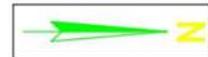
In order to facilitate and execute the construction work of the project smoothly, efficiently and speedily HSD role is the important. We have required minimum 10,000-liter diesel per day for full swing construction activity like operation of crusher plant, batching plant, genset, construction machinery etc. We don't even have a consumer diesel pump for 20 kms around the project. It is pertinent to mention that for the timely construction of above said road project, the stock of the diesel is must require. For this purpose, we require minimum stock 40KL Diesel exclusively for project use. Hence, we purpose the forest land near Digidoll nallah. Most of the machine movement is to be in this area because this is the starting point of tunnel for this reason this forest land is most suitable for us.



For CEIGALL INDIA LIMITED
Kamal & C
Managing Director

GIO REFERENCE MAP OF HSD PUMP AT DIGDOOL

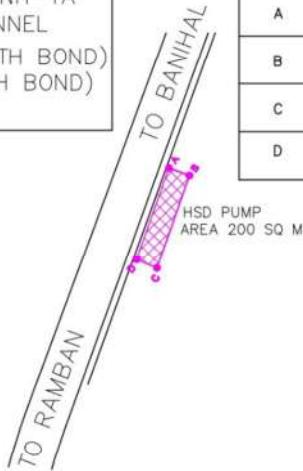
CEIGALL INDIA LTD.



GIO CO-ORDINATE
HSD PUMP

PROJECT:

CONSTRUCTION OF FOUR LANING OF
RAMBAN – BANIHAL SECTION OF NH-1A
CONSTRUCTION OF TWIN TUBE TUNNEL
CH-158+675 TO 164+660 (NORTH BOND)
CH-160+282 TO 163+638 (SORTH BOND)
PACKAGE-II JAMMU &KASHMIR



POINT NO	EASTING	NORTHING	LATITUDE			LONGITUDE		
			D	M	S	D	M	S
A	516919.000	3684726.000	33	18	5.373	75	10	54.247
B	516925.327	3684723.760	33	18	5.300	75	10	54.491
C	516915.289	3684695.405	33	18	4.380	75	10	54.101
D	516909.000	3684698.000	33	18	4.465	75	10	53.858

Location Plan Show Temporary HSD Pump (20M x 10M = 200 Sqm Area) Near Digdool Village.

Magazine Storage:

This is a national highway project in which we will be construct 6.63 km underground tunnel. For underground blasting we have require magazine storage for explosive near about the project site. The starting point of the tunnel is Digdol nallah. So, we must require land near Digdol nallah for explosive magazine storage. This all area falling in the forest land and there is no any state or private land whom we take on the less for explosive magazine storage. We have no other than option to take forest land near project execution site. Therefore, we identify the land near Digdol nallah for explosive magazine storage.

For CEIGALL INDIA LIMITED
Yannick & C
Managing Director



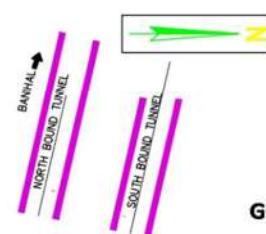
GIO REFERENCE MAP OF MAGAZINE AT DIGDOOL

CEIGALL INDIA LTD.



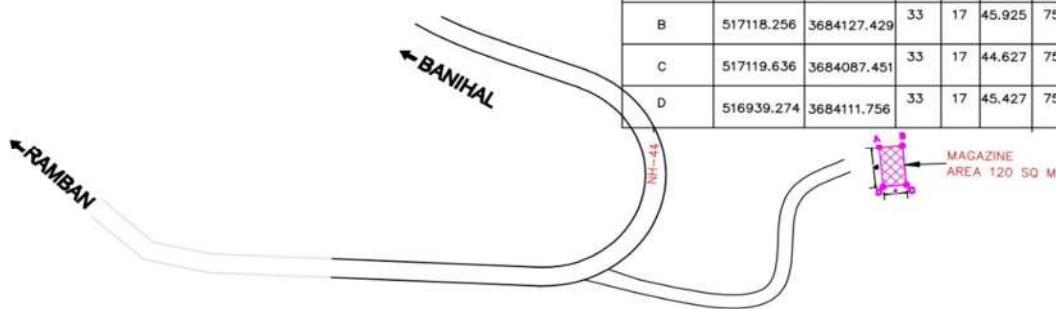
PROJECT:

CONSTRUCTION OF FOUR LANING OF
RAMBAN - BANIHAL SECTION OF NH-1A
CONSTRUCTION OF TWIN TUBE TUNNEL
CH-158+675 TO 164+660 (NORTH BOND)
CH-160+282 TO 163+638 (SORTH BOND)
PACKAGE-II JAMMU & KASHMIR



GIO CO-ORDINATE
MAGAZINE

POINT NO	EASTING	NORTHING	LATITUDE			LONGITUDE		
			D	M	S	D	M	S
A	517110.290	3684126.693	33	17	45.905	75	11	1.603
B	517118.256	3684127.429	33	17	45.925	75	11	1.911
C	517119.636	3684087.451	33	17	44.627	75	11	1.962
D	516939.274	3684111.756	33	17	45.427	75	10	54.990



Location Plan Show Temporary Explosive Magazine Storage (15M x 8M = 120 Sqm Area) at Digdol Nallah.

For CEIGALL INDIA LIMITED

Karanveer Singh
Managing Director

Labour Hut:

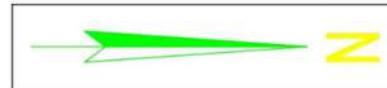
Construction labour is the most important role to complete an infrastructure project in time bound period. The regular availability of construction labour is a typical task in infrastructure project because daily we have required minimum 200 to 300 labour for different works. Our all project alignment fall in hilly terrain so the availability and accommodation of the labour be more difficult. It is pertinent to mention that for the timely construction of above said road project, we are determined because this is a center government dream project. That's why we would not want create any problem in this project in future. We will be want given our best efforts to achieve the project milestone at any cost. The company want to give the best accommodation facility to labour nearabout the project site so that due to labour shortage project progress not effected. But all project proposed alignment falling in forest and hilly terrain therefore no any state land and private land near project site where we can develop temporary labour colony. Other than forest land we have no any option to establish a temporary labour colony. We identify a piece of land near Khonni nallah which land transfer by the forest to National Highway Authority of India (NHAI) for NH-44 (now NH-1A) development.



For CEIGALL INDIA LIMITED
Kamal & C
Managing Director

GIO REFERENCE MAP OF LABOUR HUT AT KHUNI NALA

CEIGALL INDIA LTD.



PROJECT:

CONSTRUCTION OF FOUR LANING OF
RAMBAN - BANIHAL SECTION OF NH-1A
CONSTRUCTION OF TWIN TUBE TUNNEL
CH-158+675 TO 164+660 (NORTH BOND)
CH-160+282 TO 163+638 (SORTH BOND)
PACKAGE-II JAMMU & KASHMIR



GIO CO-ORDINATE
LABOUR HUT

POINT NO	EASTING	NORTHING	LATITUDE			LONGITUDE		
			D	M	S	D	M	S
A	517724.174	3685916.669	33	18	43.990	75	11	25.466
B	517743.584	3685911.848	33	18	43.832	75	11	26.217
C	517741.174	3685902.143	33	18	43.517	75	11	26.123
D	517721.764	3686895.702	33	19	15.781	75	11	25.442

Location Plan Show Temporary Labour Hut (20M x 10M) Near Khonni Nallah.

GIO REFERENCE MAP OF LABOUR HUT AT DIGDOOL CEIGALL INDIA LTD.



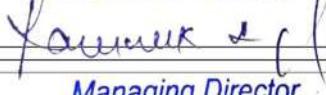
PROJECT:

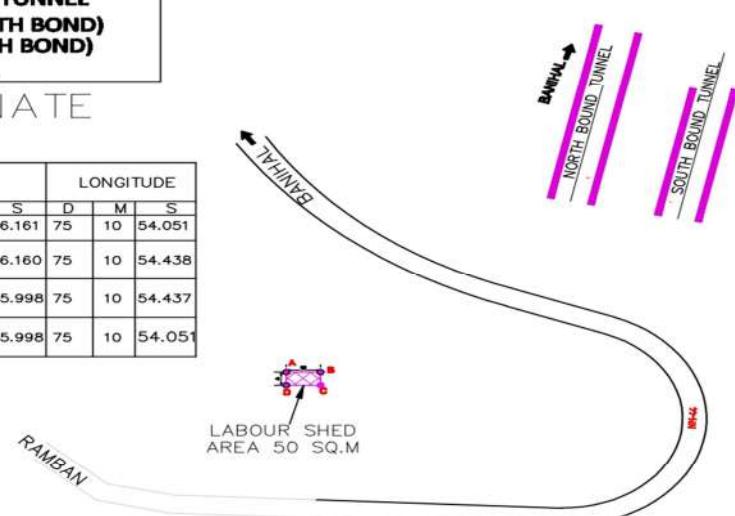
CONSTRUCTION OF FOUR LANING OF
RAMBAN - BANIHAL SECTION OF NH-1A
CONSTRUCTION OF TWIN TUBE TUNNEL
CH-158+675 TO 164+660 (NORTH BOND)
CH-160+282 TO 163+638 (SORTH BOND)
PACKAGE-II JAMMU & KASHMIR

GIO CO-ORDINATE
LABOUR SHED

POINT NO	EASTING	NORTHING	LATITUDE			LONGITUDE		
			D	M	S	D	M	S
A	516914.962	3684134.310	33	17	46.161	75	10	54.051
B	516924.962	3684134.310	33	17	46.160	75	10	54.438
C	516924.962	3684129.310	33	17	45.998	75	10	54.437
D	516914.962	3684129.310	33	17	45.998	75	10	54.051

For CEIGALL INDIA LIMITED


Managing Director

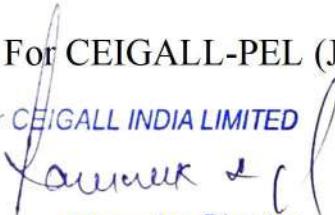


Location Plan Temporary Labour Hut (10M x 5M = 50 Sqm Area) Near Digdol Nallah.

1. It is pertinent to mentioned that huge quantity of stone chips, concrete, magazine storage, hsd pump and labour huts are required for timely completion of the prestigious project. So, the source of the concrete is must require nearest the project site.
2. Enhancement in scope of work:- To met the milestone set by National Highway Authority of India (NHAI) and to expedite completion program of the on-going project , crusher plat, concrete plant, magazine storage, hsd pump and labour has become utmost important.
3. All possibilities have been explored, but suitable land for commissioning the temporary crusher plat, batching plant, magazine storage, hsd pump and labour hut nearby project not available.
4. Keeping in view of the above, forest land has been identified for commissioning the temporary crusher plat, batching plants, magazine storage, hsd pump and labour hut which is within the project site approx. 0.442 Ha (Digdol Nahlla- 0.3345 Ha, Khonni Nallah- 0.02 Ha, Panthyal- 0.0875 Ha) Tehsil & District Ramban.

For CEIGALL-PEL (JV)

For CEIGALL INDIA LIMITED


Kauruk S C
Managing Director

Authorized Signatory