



JHARKHAND BIJLI VITRAN NIGAM LIMITED
Electrical Supply Circle
JULU PARK, HAZARIBAGH, E-mail-esehazaribag@gmail.com

JUSTIFICATION

FOR CONSTRUCTION OF 33 KV D/C VILL-KAWALU TO VILL-GONDWAR ELECTRIC LINE AT BLOCK DARU AND CHURCHU DISTT. HAZARIBAGH BEING CONSTRUCTED BY JBVNL FOR THE INTERCONNECTING SUB-STATION.

Construction of new 33 KV in connection to power for all and to strengthen the Electrification of JBVNL, a massive planning in Electric system shall be executed by JBVNL this will improve the quality of power. In view of this 33 KV with 2X5 MVA capacity Electric Power substation is proposed in the vicinity of Daru and Churchu Block Hazaribagh District. This Electrification is planned to be located at nearby villages of the Block Daru & Churchu.

Respected sir we used three alternative routes also to provide the justification there this line having less than forest area after comparing with alternative So that it is earnest request to you for allowing and help us to compilation the procedure there for we can start the construction of PSS.

Forest Area: 12.426 Ha.

JJ Area: 0.363 Ha.

Total Forest: 12.789 Ha

Clearance for same is urgently required to complete Substation.



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Name of the line:	KAWALU TO GONDWAR 33 KV D/C ELECTRIC LINE HAZARIBAGH, BLOCK-DARU AND CHURCHU				
Client:	JHARKHAND BIJLI VITRAN NIGAM LIMITED				
Subject:	COMPARATIVE STATEMENT OF ROUTE ALLIGNMENT				
SL.NO.	DESCRIPTION	UNIT	PROPOSED ROUTES		
			ROUTE-1	ROUTE-2	ROUTE-3
1	BEE LINE	kms	11.896	11.896	11.896
2	TOTAL ROUTE LENGTH	kms	12.792	16.326	13.263
3	ANGLE POINT	Nos	134	156	148
4	FOREST	kms	12.789	14.369	1.3268
5	NO. OF TREES	Nos	96	190	120
6	NO. OF HILLY/BOULDER CROSSES	Nos	1	1	1
7	NO OF VILLAGE	Nos	4	3	6
8	132KV LINE	Nos	1	2	1
9	NATIONAL HIGHWAY	Nos	1	1	1
10	METAL ROAD/SH CROSSING	Nos	2	4	3
11	RIVER & NALA CROSSING	Nos	2	3	2
12	RAILWAY CROSSING	Nos	1	1	NIL
SURVEYED BY	SUBMITTED BY	CHECKED BY	RECOMMENDED		
		FOR JHARKHAND BIJLI VITRAN NIGAM LIMITED			



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Signature

:



Name in blocks letters: ARVIND KUMAR AMAR

Designation

: Electrical Executive Engineer (Project)

Address

**: Jharkhand Bijli Vitran Nigam Limited.
Electric Suply circle Hazaribag, Jharkhand**