- D-

Proposed 220kV D/C Ramchandrapur - Chaibasa Transmission Line

Preliminary Route Study For Ramchandrapur S/S to Chaibasa S/S

The Infrastructural Details along the Routes are as follows: ROUTE - I

7 Nos. 9.818Km. U/C 400kV line(Under 1) Existing 132 Transmission S.E. Rail Water 1: Electrified, 266D/3 S.E. Rail Water 1: 266D/3	D/C Jamshedpur-Baripoda Transmission Pass Normal Crossing), PGCIL 2kV S/C Ramchandrapur – Rajkharswan on line, JSEB. ay Line(Gamhariya-Kandra Chord), Broad Gauge, Double line, MP-266D/2 to ay Line(Main line), Electrified, Broad Gauge, e, MP-266/5,6 to 266/7,8 Nil 1. Sanjai Nadi(Bank to Bank=220m) 2. Kharkhai River(Bank to Bank=205m) 3. Kharkhai River(Bank to Bank=170s)			
7 Nos. 9.818Km. U/C 400kV line(Under lexisting 132 Transmission S.E. Rail War Electrified, 266D/3 S.E. Rail War Double line Nil Nil jor River:	D/C Jamshedpur-Baripoda Transmission Pass Normal Crossing), PGCIL 2kV S/C Ramchandrapur – Rajkharswan on line, JSEB. ay Line(Gamhariya-Kandra Chord), Broad Gauge, Double line, MP-266D/2 to ay Line(Main line), Electrified, Broad Gauge, e, MP-266/5,6 to 266/7,8 Nil 1. Sanjai Nadi(Bank to Bank=220m) 2. Kharkhai River(Bank to Bank=205m)			
U/C 400kV line(Under 1 Existing 132 Transmission S.E. Rail Wa Electrified, 266D/3 S.E. Rail Wa Double line Nil Nil Nil jor River :	Pass Normal Crossing), PGCIL 2kV S/C Ramchandrapur – Rajkharswan on line, JSEB. ay Line(Gamhariya-Kandra Chord), Broad Gauge, Double line, MP-266D/2 to ay Line(Main line), Electrified, Broad Gauge, e, MP-266/5,6 to 266/7,8 Nil 1. Sanjai Nadi(Bank to Bank=220m) 2. Kharkhai River(Bank to Bank=205m)			
line(Under Existing 132 Transmission S.E. Rail War Electrified, 266D/3 S.E. Rail War Double line Nil Nil jor River:	Pass Normal Crossing), PGCIL 2kV S/C Ramchandrapur – Rajkharswan on line, JSEB. ay Line(Gamhariya-Kandra Chord), Broad Gauge, Double line, MP-266D/2 to ay Line(Main line), Electrified, Broad Gauge, e, MP-266/5,6 to 266/7,8 Nil 1. Sanjai Nadi(Bank to Bank=220m) 2. Kharkhai River(Bank to Bank=205m)			
line(Under Existing 132 Transmission S.E. Rail War Electrified, 266D/3 S.E. Rail War Double line Nil Nil jor River:	Pass Normal Crossing), PGCIL 2kV S/C Ramchandrapur – Rajkharswan on line, JSEB. ay Line(Gamhariya-Kandra Chord), Broad Gauge, Double line, MP-266D/2 to ay Line(Main line), Electrified, Broad Gauge, e, MP-266/5,6 to 266/7,8 Nil 1. Sanjai Nadi(Bank to Bank=220m) 2. Kharkhai River(Bank to Bank=205m)			
Electrified, 266D/3 S.E. Rail W. Double line Nil Nil jor River :	Broad Gauge, Double line, MP-266D/2 to ay Line(Main line), Electrified, Broad Gauge, e, MP-266/5,6 to 266/7,8 Nil 1. Sanjai Nadi(Bank to Bank=220m) 2. Kharkhai River(Bank to Bank=205m)			
Nil jor River :	 Sanjai Nadi(Bank to Bank=220m) Kharkhai River(Bank to Bank=205m) 			
jor River :	 Sanjai Nadi(Bank to Bank=220m) Kharkhai River(Bank to Bank=205m) 			
	 Sanjai Nadi(Bank to Bank=220m) Kharkhai River(Bank to Bank=205m) 			
nor River :	2. Kharkhai River(Bank to Bank=205m)			
st=1.241Km				
Saraikela				
Ramchandrapur & Chaibasa				
: Jamshedpur, Saraikela & Chaibasa				
: Jamshedpur, Saraikela & Chaibasa				
Week of Oct	ober to 2nd Week of July The Editors MANAGER (JCP) MANAGER (JCP)			
	Jamshedpur,			

Asst. G. M. (JCP) पावरग्रिड, जमशेदपुर POWERGRID, JAMSHEDPUR

Type of Crops, Fruits,		a) Crops			, Sugar, Pigeon pea,		
Forest, Land, Hill are along the route	+	b) Fruits		Chilly, Mustard & Green Vegetables Mango, Guava, Berry & Jack Fruit			
the route		c)Forest	1.241Km	ava, berry			
		d) land	Undulation & Plan				
		e) Hill	NII.				
Availability of steel,		a) Steel	Jamshedpu	r			
cement, sand, stone chips		b) Cement	Jamshedpu	r			
are along the route:	:	c) Sand	Subarnarekha River				
		d) Stone Chips	Jamshedpu	ır			
Details of availability of		a) Cities & Town	าร	Jamshedpu	r, Saraikela & Chaibasa		
accommodations		b) Major Railwa	y station	Tata RS(Jan			
		c) Airport		Sanari(Jamshedpur)			
Climate		a) Monsoon		3ed Week o	of July to 3ed Week of		
	:	b) Maximum Temperature 49°C					
		c) Minimum Te	mperature	6°C			
Transportation	:	Jamshedpur			1000		
				GS-84	Indo-Bangla		
		Ramchandrapu	22°4	9'59.0"	22°49′56.5″		
Location	:	S/S	86°C)4'32.2"	86°04′40.6″		
Location		Proposed	22°3	36'03.2"	22°36′00.7″		
		Chaibasa S/S	85°	5029.1"	85°50′37.3″		

पीठ स्वान्तिदुरे
P. SWAMIDURAI
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पावरग्रिङ, जमशेदपुर
POWERGRID, JAMSHEDPUR

POWERGRID, JAMSHEDPUR



The Infrastructural Details along the Routes are as follows: ROUTE - II

opo Sheets :		73J/01, 73F/1	3, & 73F/14				
1:50,000) Involved	+-	Wort Singhhu	ım & Saraikela Kharsawan				
District		47 Nos.	III & Daration				
Total No. Angle Points		43.383Km.					
Total Route Length							
Major Crossings along the rout	e:		Desired Transmission				
Total H.T. Line		 Existing 400kV D/C Jamshedpur-Baripoda Transmission line(Under Pass), PGCIL Existing 132kV S/C Ramchandrapur – Rajkharswan Transmission line, JSEB. 220kV S/C Ramchandrapur-Joda Transmission line, JSEB 					
Total Railway Line	•	1. S.E. Rail V Electrified 266D/3 2 S.E. Rail V	 S.E. Rail Way Line(Gamhariya-Kandra Chord), Electrified, Broad Gauge, Double line, MP-266D/2 to 				
National Highway (NH)	:	Nil					
State Highway (SH)		SH-05(4 Time	es)				
		. Major River :	Nil				
River Crossing	:	Minor River :	Sona Nadi(Bank to Bank=70m) Sanjai Nadi(Bank to Bank=100m)				
Forest		Forest=1.850Km					
Locations of Setting up line stores		Saraikela					
Consigning the line : Ramchandrapur & Chaibasa							
Towns, Cities & villages along the route where petrol & Diesel pumps as well as work shops available	:	Jamshedpu	r, Saraikela & Chaibasa				
Availability of labour of various categories for civil works	f 1 :	Jamshedpu	r, Saraikela & Chaibasa				
Working months durin season along the route:	g		October to 2nd Week of July Chil				
Type of Crops, Fruit Forest, Land, Hill are alon	24/		Paddy, Wheat, Cornea, Sugar, Pigeon pea, Chil Mustard & Green Vegetables				
the route		b) Fruits	Mango, Guava, Berry & Jack Fruit				
		c)Forest	1.850Km.				
		d) land	Undulation & Plan				
		e) Hill	NII. P. SWAMIDURAI P. SWAMIDURAI P. SWAMIDURAI P. W. SAINI				

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POWERGRID, JAMSHEDDUR

प्रबंधक (जेसीपी) MANAGER (JCP) पावरग्रिड, जमशेदपुर POWERGRID, JAMSHEDPUR

Availability of steel,		a) Steel Jamshedpur				
cement, sand, stone chips are along the route:		b) Cement	Jamshedpur			
	:	c) Sand	Subarnarekl	ha River		
	1		Jamshedpur			
Details of availability of accommodations		a) Cities & Towns		Jamshedpur, Saraikela & Chaibasa		
		b) Major Railwa	b) Major Railway station		Tata RS(Jamshedpur)	
		c) Airport		Sanari(Jamshedpur)		
Climate		a) Monsoon		3ed Week of July to 3ed Week of October		
	:	b) Maximum Temperature		49°C		
		c) Minimum To	emperature	6°C		
Transportation		Jamshedpur				
		Ramchandrapu S/S	W	GS-84	Indo-Bangla	
			our 22°4	49'59.0"	22°49′56.5″	
Location				04'32.2"	86°04′40.6″	
	1:	Proposed	22°	36'03.2"	22°36′00.7″	
		rioposeu		25029.1"	85°50′37.3″	

पीठ स्वामिद्रे P. SWAMIDURAI सहायक महाप्रवधक (जेसीपी) Asst G. M. (JCP) पावरचित्र, जमशेदपुर POWERGRID, JAMSHENPUR

अराजा कोठ शेनी P. K. SAINI प्रबंधक (जेसीपी) MANAGER (JCP) पावरविष्ठ, जमशेदपुर पावरविष्ठ, जमशेदपुर POWERGRID, JAMSHEDPUR

The Infrastructural Details along the Routes are as follows: ROUTE - III

Topo Sheets (1:50,000) Involved	:	73J/01, 73J/	/2, &	z 73F/14	
District		West Singbl	hum	& Saraikela Kharsawan .	
Total No. Angle Points	:	45Nos.			
Total Route Length	:	42.864Km.			
Major Crossings along the rou	ite :				
		1. Existing 4	00kV	D/C Jamshedpur-Baripoda Transmission	
	-	line(Unde	er Pas	ss), PGCIL	
Total H.T. Line	:			S/C Ramchandrapur – Rajkharswan	
		Transmiss			
				Line(Gamhariya-Kandra Chord),	
Total Railway Line		1. S.E. Kall	od F	Broad Gauge, Double line, MP-266D/2 to	
		266D/3	cu, i	Toda Gauge, Double Inte, Inte	
			Way	Line(Main line), Electrified, Broad Gauge,	
		Double l	line,	MP-266/5.6 to 266/7,8	
National Highway (NH)	:	Nil			
State Highway (SH)	:	Nil			
		Major River :		Nil	
				Sona Nadi(Bank to Bank=70m)	
			1	Sanjai Nadi(Bank to Bank=100m)	
River Crossing) (' D'	5.5	Kharkai River(Bank to Bank=550m)	
		Minor River:		Kharkai River(Bank to Bank=180m)	
		Forest=3.030Kn	n		
Forest	\vdash	rorest-5.050Ki	11		
Locations of Setting up line stores	:	Saraikela			
Consigning the line	1.	Ramchandr	rapu	r & Chaibasa	
Materials	•				
Towns, Cities & villages	1				
along the route where		Jamshedpu	ir, Sa	raikela & Chaibasa	
petrol & Diesel pumps as					
well as work shops					
Availability of labour of			-	11 1 0 CI 11	
various categories for civil		Jamshedpu	ır, 5a	raikela & Chaibasa	
Working months during season along the route:	:	3rd Week of C	Octob	per to 2 nd Week of July	
Type of Crops, Fruits	,	a) Crops	Pad	dy, Wheat, Cornea, Sugar, Pigeon pea, Chilly	
Forest, Land, Hill are along				stard & Green Vegetables	
the route	# 7			ngo, Guava, Berry & Jack Fruit	
		c)Forest	30	0Km	

MANAGER (JCP) पावरशिष्ठ, ज्याशेदपुर POWERGRID, JAMSHEDPUR P. SWAMIDURAI सहायक महाप्रबंधक (जेसीपी) Asst. G. M. (JCP) पावरग्रिड, जमशेदपुर POWERGRID, JAMSHEDPUR

	d) land	Undulat	ion & P	'lan	
	e	Hill	NII.			
wailability of steel,) Steel		nedpur		
cement, sand, stone chips	100) Cement	Jamshedpur			
	:	c) Sand	Subar	Subarnarekha River		
		d) Stone Chips Jamshedpur		hedpur	ır	
Details of availability of accommodations		a) Cities & To		Jamshedpur, Saraikela & Chaibasa		
		b) Major Railway station		Tata RS(Jamshedpur)		
) Aimport		Sanari(Jamshedpur)		
Climate		c) Airport a) Monsoon			3ed Week of July to 3ed Wee October	
		b) Maximun	Maximum Temperature			
		c) Minimum Temperature				
Transportation	1.	Jamshedpu				
	+			V	VGS-84	Indo-Bangla
Location		Ramchandra	drapur		949'59.0"	22°49′56.5″
		S/S		1 - 1 - 1 - 1 - 1	°04′32.2″	86°04′40.6″
	:	=0	1		°36′03.2″	22°36′00.7″
		Propo	sed a S/S		5°5029.1″	85°50′37.3″

STEO STO STATE

R. K. SAINI

R. K. SAINI

RESTED (STATE)

MANAGER (JCP)

MANAGER (JCP)

MANAGER (JCP)

TOTAL STATE OF ST

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