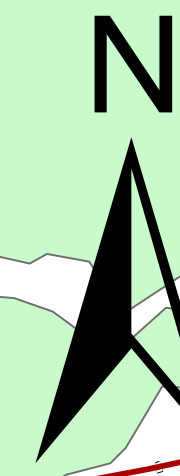
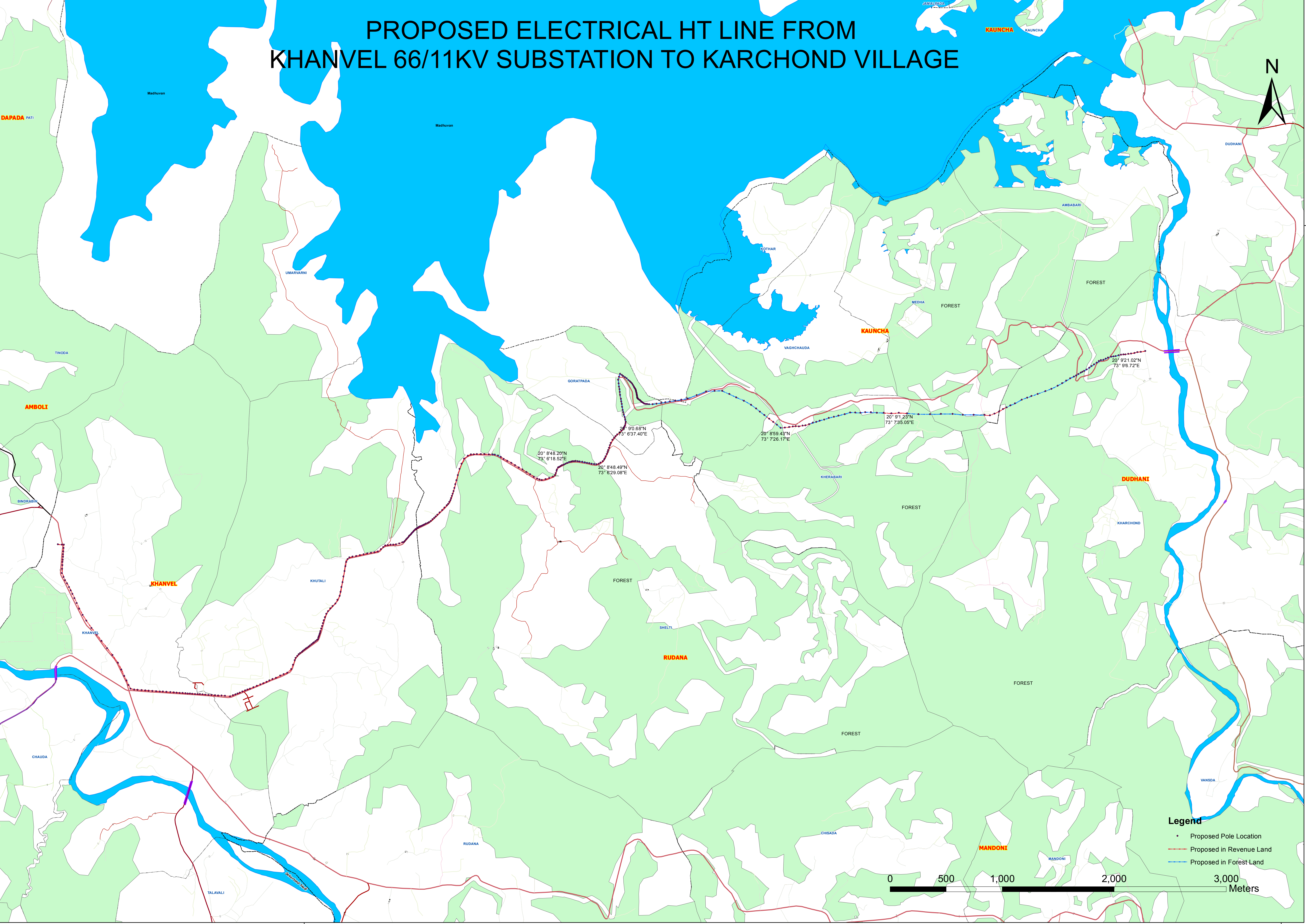


PROPOSED ELECTRICAL HT LINE FROM KHANVEL 66/11KV SUBSTATION TO KARCHOND VILLAGE

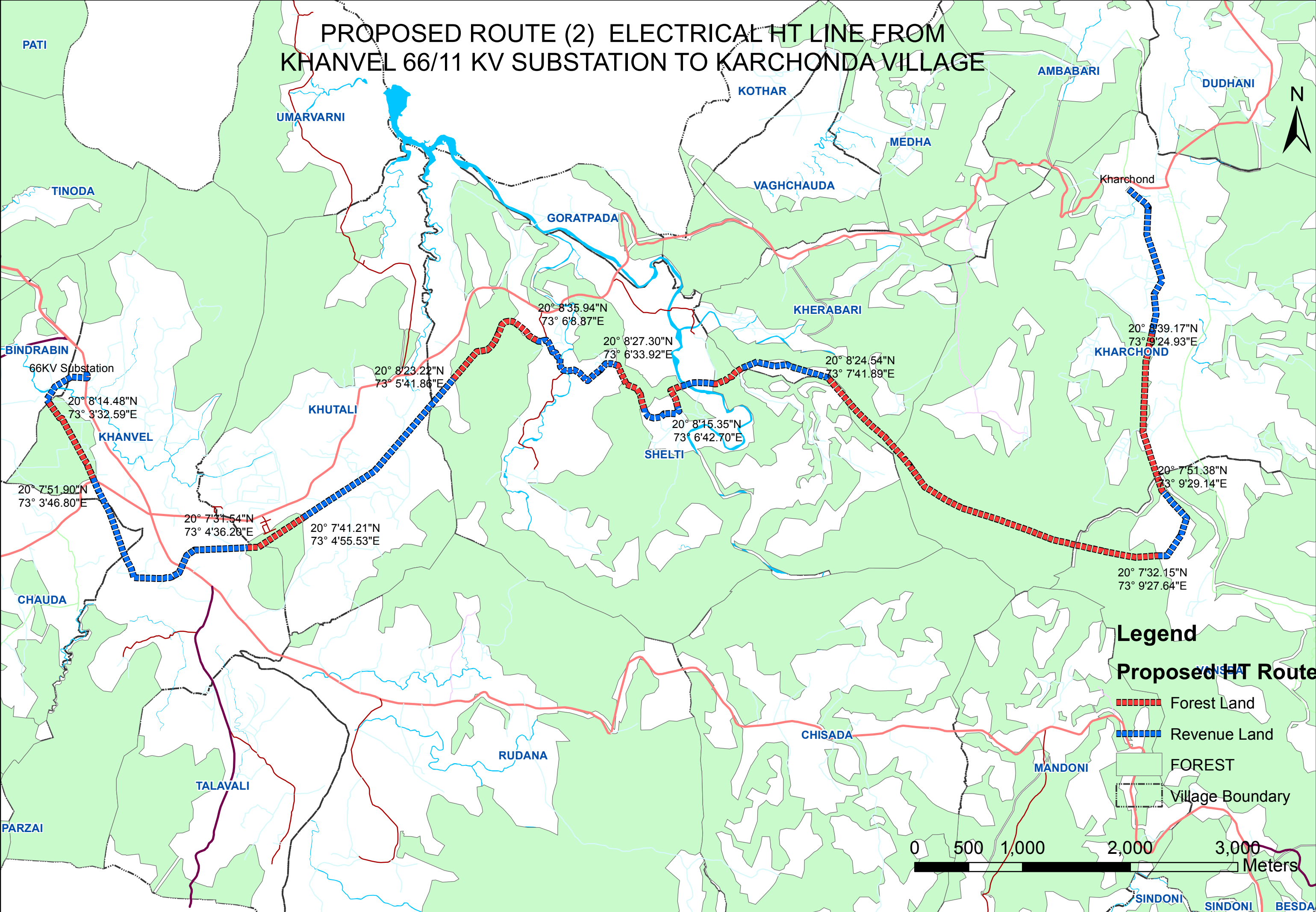


Legend

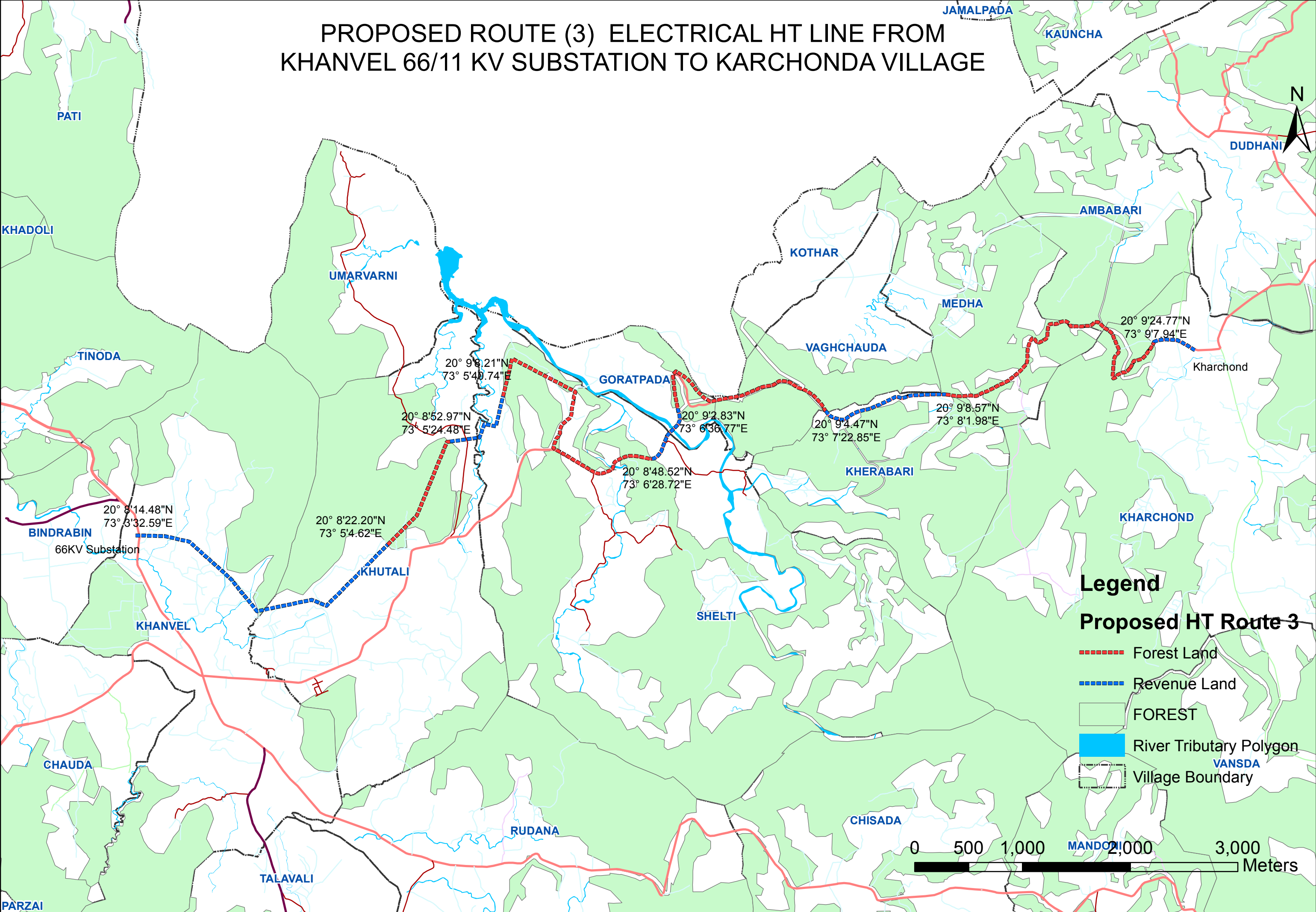
- Proposed Pole Location
- Proposed in Revenue Land
- Proposed in Forest Land



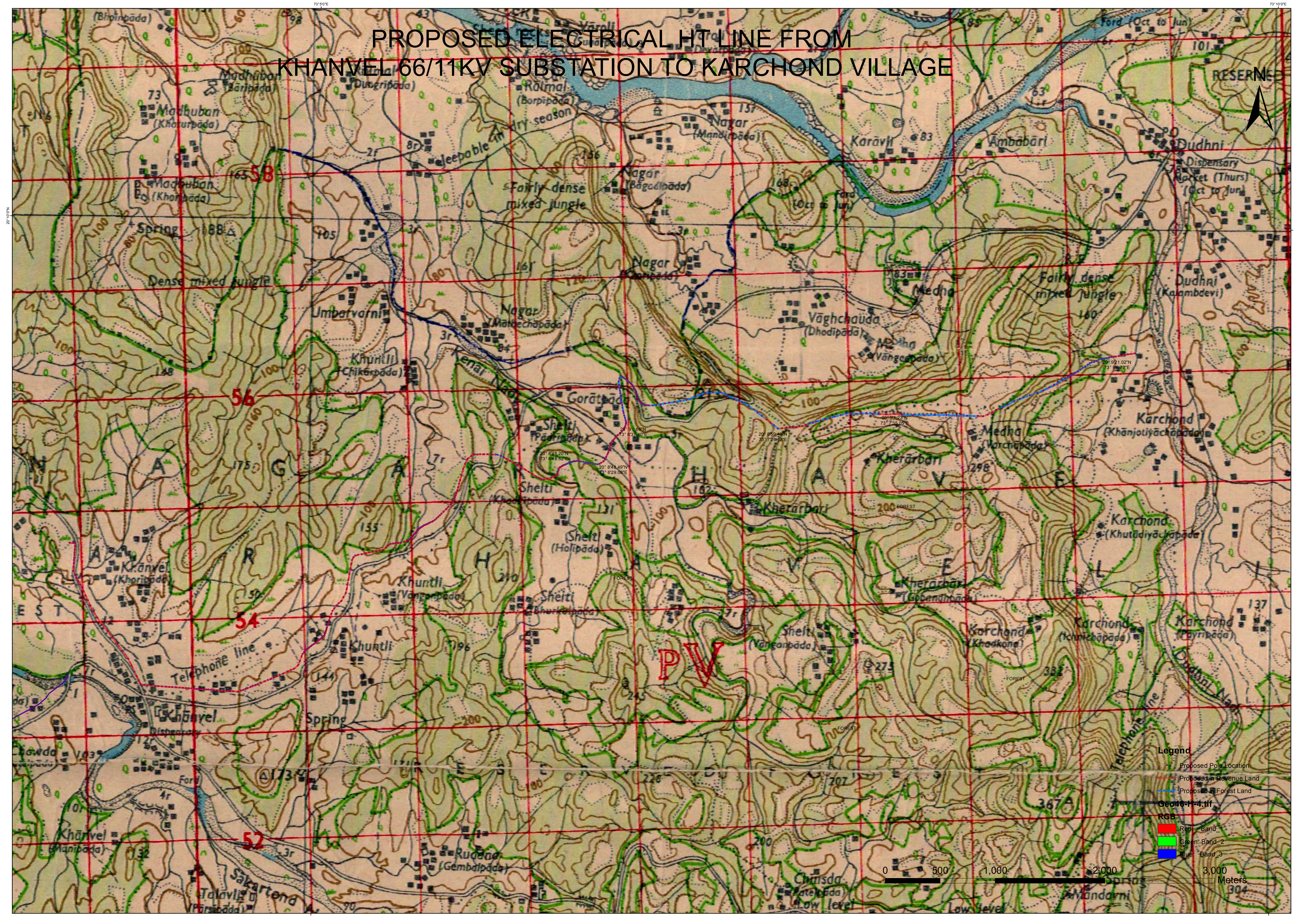
PROPOSED ROUTE (2) ELECTRICAL HT LINE FROM
KHANVEL 66/11 KV SUBSTATION TO KARCHONDA VILLAGE



PROPOSED ROUTE (3) ELECTRICAL HT LINE FROM
KHANVEL 66/11 KV SUBSTATION TO KARCHONDA VILLAGE



PROPOSED ELECTRICAL HT LINE FROM KHANVEL 66/11KV SUBSTATION TO KARCHOND VILLAGE



Legend

- Proposed Pole Location
- Proposed in Revenue Land
- Proposed in Forest Land
- Geo461-4.tif
- RGB
- Red: Band 1
- Green: Band 2
- Blue: Band 3



PROPOSED ROUTE (2) ELECTRICAL HT LINE FROM KHANVEL 66/11 KV SUBSTATION TO KARCHONDA VILLAGE

The map displays a topographic view of the region with contour lines indicating elevation. The proposed HT line route is highlighted in red and blue, starting from the Khanvel 66/11 KV Substation and ending at Karchonda Village. The route passes through several villages, including Goratpada, Shelti, Kherabari, and Karchonda. The map also shows the boundaries of Forest Land and Revenue Land, as well as the village boundaries. A legend in the bottom right corner provides details on the symbols used. A scale bar at the bottom indicates distances in meters (0 to 3,000).

Legend

- Forest Land
- Revenue Land
- Village Boundary

Scale: 0 to 3,000 Meters

PROPOSED ROUTE (2) ELECTRICAL HT LINE FROM KHANVEL 66/11 KV SUBSTATION TO KARCHONDA VILLAGE

Legend

- Forest Land
- Revenue Land
- Village Boundary

Scale: 0 500 1,000 2,000 3,000 Meters

Key Locations and Coordinates:

Location	Latitude (N)	Longitude (E)
BINDRABIN	20° 8' 14.48"	73° 3' 32.59"
KHANVEL	20° 7' 51.90"	73° 3' 46.80"
CHAUDA	20° 7' 31.54"	73° 4' 36.20"
CHISADA	20° 7' 41.21"	73° 4' 55.53"
GORATPADA	20° 8' 23.22"	73° 5' 41.86"
SHEITI	20° 8' 27.30"	73° 6' 33.92"
KHERABARI	20° 8' 15.35"	73° 6' 42.70"
KHARCHONDA	20° 8' 24.54"	73° 7' 41.89"
KHARCHONDA	20° 8' 39.17"	73° 9' 24.93"
KHARCHONDA	20° 7' 51.38"	73° 9' 29.14"
KHARCHONDA	20° 7' 32.15"	73° 9' 27.64"

PROPOSED ROUTE (2) ELECTRICAL HT LINE FROM KHANVEL 66/11 KV SUBSTATION TO KARCHONDA VILLAGE

Legend

- Forest Land (Red dashed line)
- Revenue Land (Blue dashed line)
- Village Boundary (Black dashed line)

Scale: 0 to 3,000 Meters

Key Locations and Coordinates:

Location	Latitude (N)	Longitude (E)
BINDRABIN	20° 8' 14.48"	73° 3' 32.59"
KHANVEL	20° 7' 51.90"	73° 3' 46.80"
CHAUDA	20° 7' 31.54"	73° 4' 36.20"
CHISADA	20° 7' 41.21"	73° 4' 55.53"
SHELTI	20° 8' 15.35"	73° 6' 42.70"
KHERABARI	20° 8' 24.54"	73° 7' 41.89"
KHARCHOND	20° 7' 51.38"	73° 9' 29.14"

-
- PROPOSED ROUTE (2) ELECTRICAL HT LINE FROM KHANVEL 66/11 KV SUBSTATION TO KARCHONDA VILLAGE**
- Legend**
- Forest Land (Red dashed line)
 - Revenue Land (Blue dashed line)
 - Village Boundary (Black dashed line)
- Scale:** 0 to 3,000 Meters
- Key Locations and Coordinates:**
- | Location | Latitude (N) | Longitude (E) |
|-----------|---------------|---------------|
| BINDRABIN | 20° 8' 14.48" | 73° 3' 32.59" |
| KHANVEL | 20° 7' 51.90" | 73° 3' 46.80" |
| CHAUDA | 20° 7' 31.54" | 73° 4' 36.20" |
| CHISADA | 20° 7' 41.21" | 73° 4' 55.53" |
| SHELTI | 20° 8' 15.35" | 73° 6' 42.70" |
| KHERABARI | 20° 8' 24.54" | 73° 7' 41.89" |
| KHARCHOND | 20° 7' 51.38" | 73° 9' 29.14" |

PROPOSED ROUTE (2) ELECTRICAL HT LINE FROM KHANVEL 66/11 KV SUBSTATION TO KARCHONDA VILLAGE

Legend

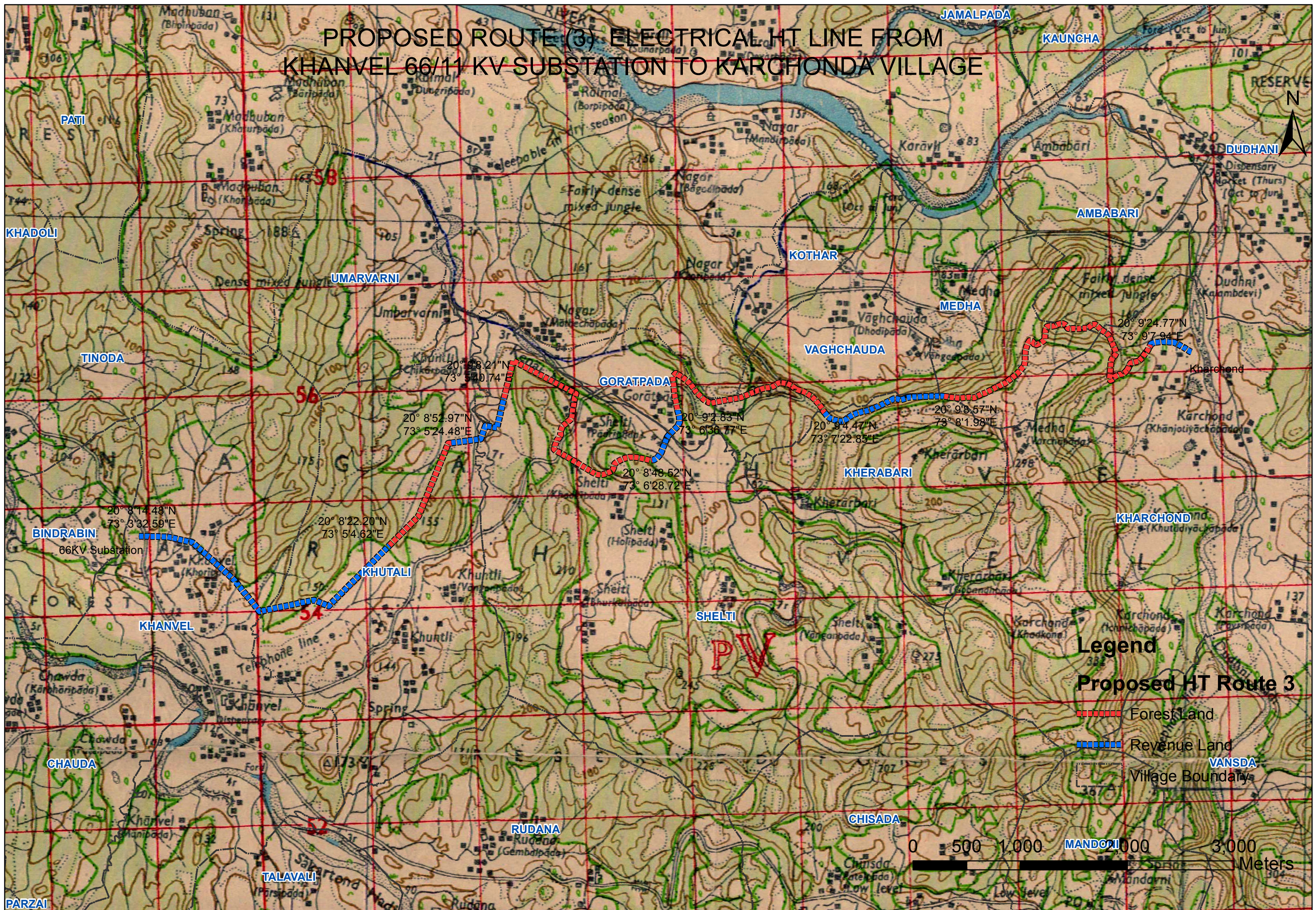
- Forest Land (Red dashed line)
- Revenue Land (Blue dashed line)
- Village Boundary (Black dashed line)

Scale: 0 to 3,000 Meters

Key Locations and Coordinates:

Location	Latitude (N)	Longitude (E)
BINDRABIN	20° 8' 14.48"	73° 3' 32.59"
KHANVEL	20° 7' 51.90"	73° 3' 46.80"
CHAUDA	20° 7' 31.54"	73° 4' 36.20"
CHISADA	20° 7' 41.21"	73° 4' 55.53"
SHELTI	20° 8' 15.35"	73° 6' 42.70"
KHERABARI	20° 8' 24.54"	73° 7' 41.89"
KHARCHOND	20° 7' 51.38"	73° 9' 29.14"

PROPOSED ROUTE (3) ELECTRICAL HT LINE FROM KHANVEL 66/11 KV SUBSTATION TO KARCHONDA VILLAGE



c/35

ESTIMATE(ROUTE-1)

Name of work:- Erection of overhead HT line express feeder from 66/11KV Khanvel substation to Village Dudhani Char Rasta. (Sansad Adarsh Gram Yojna at Dudhani)

Ref.no.: 7-8(199)/ELE/95/1162

Date: 27.03.2015

Sr. No.	Particulars	Qty.	Unit	Rate	Amount	SOR/ITEM no. & Page
1	Providing and Erecting of 11KV D.P. 9 mtr. High structure made of 6" X 3 " "I"- section of Girder, 4" X 2 " channels, clamps, nuts, bolts etc. suitable for erection of the following duly connected with necessary ACSR conductors. As per drawing approved by the Engineer-in-charge complete with following. (A) 11KV 200 Amps Drop Out fuses with S.R.B.P. tubes carries - Three nos. (B) 11KV G.O.A.D. switch complete with insulators, operating handle with galvanised pipe, Sq.bar etc. 400 amp- one set. (C) 11KV Disc Insulators- 06 nos. (E) The above D.P. structure should be earthed with 25 mmX 3 mm thick double GI earth strips run separately and connected with separate GI plate earth electrode.	2.00	job.	1,15,000	2,30,000.00	Gujrat SOR item no. 10.2.11 Page no.198
2	Supplying and erecting earth pit of minimum bore dia. 150mm size ASH or approved make Safe Earthing Electrode consisting Pipe in Pipe Technology as per IS 3043-1987 made of corrosion free G.I. Pipes having Outer dia of 50mm having 80-200 Micron galvanizing, inner pipe dia of 25 mm having 200-250 Micron galvanizing , connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications. For Electrical Installation covering Transformer Neutrals, Lighting arrester Earthing , A.C. plant & sensitive computer system (like Automation, SCADA) i.e. independant Earthing in normal soil. Length of Pipe : 3.00 mtrs. Back Filling Compound : 2nos. Bags of 25 Kg.	12	nos.	13,450		Gujrat SOR item no. 3-14-9 Page no.77

Executive Engineer (Dist.)
DNH Power Distribution Corporation Ltd.
U. T. of Dadra & Nagar Haveli, Silvassa

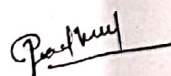
c/33

3	Supply and erection of 11KV HT breaker (Make: AREVA) with following: A) Breaker Capacity: 1250 amp. B) PTR 11000/110 Volt (separate PT) C) CTR available 200/400/5A D) MIT based Relay e) A- meter, V- meter, Enarcon make Electronics type including selector switch f) KWH meter Secure make,, Cap: 3X-/5Amp, g) Breaker having copper bus bar	1	job.	₹ 5,58,000.00	5,58,000.00	Gujrat SOR item no. 10.1.3 Page no.193
4	Supply and erection of 11KV XLPE H.T. Cable of 150 sq.mm. cable laid to ground upto 1.5 meter suitable with fire proof bricks, sands and 11KV root maker.	150	mtr.	₹ 2,562.00	3,84,300.00	MP SOR 2014 code no.41.3.2.3
5	suply and Erection of 11KV HT cable Kit for cable end termination INDOOR type suitable for 150 sq.mm cable.	1	no.	₹ 15,691.00	15,691.00	MP SOR 2014 code no.41.10.1.2
6	suply and Erection of 11KV HT cable Kit for cable end termination OUTDOOR type suitable for 150 sq.mm cable.	2	nos.	₹ 13,078.00	26,156.00	MP SOR 2014 code no.41.10.1.1
7	Providing and Erection of 9 mtr. 100X116 H Beam in Brick ballast and ramming the foundation, finishing with 150 mm thick cement concrete (1: 3: 6) layer on top with including excavation and refilling etc.	701	nos.	₹ 18,000.00	1,26,18,000.00	CPWD code no.13.3.3
8	Providing & Erection of Guy Set as per CPWD SOR code no.13.1	366	nos.	3,673	13,44,318.00	CPWD SOR code no.13.1
9	Providing & erection of 'V' cross arm as per CPWD code no.13.5	526	nos.	1,239	6,51,714.00	CPWD SOR code no.13.5
10	Providing & erection of Top Fitting as per CPWD code no.13.3	526	nos.	364	1,91,464.00	CPWD SOR code no.13.3
11	Providing & erection of HT Pin insulator with Hardwares as per CPWD code no.13.10 (Polymeric insulator)	1755	nos.	382	6,70,410.00	CPWD SOR code no.13.10

Executive Engineer (Dist.)
DNH Power Distribution Corporation Ltd.
U. T. of Dadra & Nagar Haveli, Silvassa

12	Providing & erection of 11 KV Disc insulator for 11kv over head lines with galvanised insulator fittings, ball and socket type and complete with galvanised strain clamps, bolts, nuts, washers etc. as required.	1050	nos.	1,138	11,94,900.00	CPWD SOR code no.13.11
13	Supply and erecton of M.S. Channel for cut point as per CPWD code no.13.2	210	nos.	1,800	3,78,000.00	CPWD SOR code no.13.2
14	Supply of "UNICAB" make stranded circular AAA Conductor, conductor screened with extruded semiconducting compound, XLPE Insulated, Insulation screened by extruded semi conducting compound, UV STABILIZED PVC SHEATHED (st-2) overall 11KV grade cable generally as per IS:7098 part/2,2011, 398(PT:4)/1994 of IC 50 SQ.MM 6.35/11KV XLPE 3 mm ACSR Rabbit insulated conductor.	71	km.	1,22,000	86,62,000.00	Rate taken from supplier M/S Apar ind. Ltd.
15	Stringing of IC 50 SQ.MM XLPE 3 mm ACSR Rabbit insulated conductor.	71.00	km.	55,000	39,05,000.00	Gujrat SOR 2014
16	Providing and Erection of Pipe type earthing of all 11KV pole.	25	nos.	2,537	63,425.00	CPWD SOR Code no.5.1
17	Providing and Erection of D.O. fuse set for Tapping of HT Line with channel, clamp and Nut etc.	8	nos.	₹ 9,500.00	76,000.00	Market rate.
18	Proding and Erection of Metalic Vitrified Danger Board to all 11 KV Pole.	701	nos.	110	77,110.00	Gujrat SOR code no.3.13.2
Grand TotalA				RS. 3,10,46,488.00		
10 % Transportation charges on sub total A				RS. 31,04,648.80		
1% Labour cess on Sub- Total A				Rs. 3,10,464.88		
Sub Total B				Rs. 3,44,61,601.68		
3% contingency on sub total B				Rs. 10,33,848.05		
Grand Total				Rs. 3,54,95,449.73		
Say Rs.				RS. 3,56,79,978.00		
Rupees three crore fifty six lakh seventy nine thousand nine hundred seventy eight only						

Certificate: This is to certify that the above estimate is based on CPWD SOR 2014 and items which are not available in CPWD SOR are taken from MP PWD SOR 2014, Rajasthan SOR 2013 & Gujarat SOR 2012-13


Junior Engineer
Khanvel


Assistant Engineer(S/Z)
DNHPDCL,
Khanvel


Executive Engineer (Dist.)
DNHPower Distribution Corporation
U. T. of Dadra & Nagar Haveli, Silvassa

ESTIMATE(ROUTE-2)

Name of work:- Erection of overhead HT line express feeder from 66/11KV Khanvel substation to Village Dudhani Char Rasta. (Sansad Adarsh Gram Yojna at Dudhani)

Ref.no.: 7-8(199)/ELE/95/1162

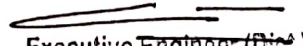
Date: 27.03.2015

Sr. No.	Particulars	Qty.	Unit	Rate	Amount	SOR/ITEM no. & Page
1	Providing and Erecting of 11KV D.P. 9 mtr. High structure made of 6" X 3 " "I"- section of Girder, 4" X 2 " channels, clamps, nuts, bolts etc. suitable for erection of the following duly connected with necessary ACSR conductors. As per drawing approved by the Engineer-in-charge complete with following. (A) 11KV 200 Amps Drop Out fuses with S.R.B.P. tubes carries - Three nos. (B) 11KV G.O.A.D. switch complete with insulators, operating handle with galvanised pipe, Sq.bar etc. 400 amp- one set. (C) 11KV Disc Insulators- 06 nos. (E) The above D.P. structure should be earthed with 25 mmX 3 mm thick double GI earth strips run separately and connected with seperate GI plate earth electrode.	2.00	job.	1,15,000	2,30,000.00	Gujrat SOR item no. 10.2.11 Page no.198
2	Supplying and erecting earth pit of minimum bore dia. 150mm size ASH or approved make Safe Earthing Electrode consisting Pipe in Pipe Technology as per IS 3043-1987 made of corrosion free G.I. Pipes having Outer dia of 50mm having 80-200 Micron galvanizing, inner pipe dia of 25 mm having 200-250 Micron galvanizing , connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications. For Electrical Installation covering Transformer Neutrals, Lighting arrester Earthing , A.C. plant & sensitive computer system (like Automation, SCADA) i.e. independant Earthing in normal soil. Length of Pipe : 3.00 mtrs. Back Filling Compound : 2nos. Bags of 25 Kg.	12	nos.	13,450		Gujrat SOR item no. 3-14-9 Page no.77

Executive Engineer (Dist.)
DNH Power Distribution Corporation Ltd.
U. T. of Dadra & Nagar Haveli, Silvassa

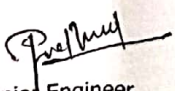
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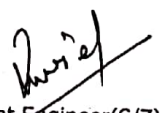
3	Supply and erection of 11KV HT breaker (Make: AREVA) with following: A) Breaker Capacity: 1250 amp. B) PTR 11000/110 Volt (separate PT) (C) CTR available 200/400/5A D) MIT based Relay e) A- meter, V- meter, Enarcon make Electronics type including selector switch f) KWH meter Secure make,, Cap: 3X-/5Amp, g) Breaker having copper bus bar	1	job.	₹ 5,58,000.00	5,58,000.00	Gujrat SOR item no. 10.1.3 Page no.193
4	Supply and erection of 11KV XLPE H.T. Cable of 150 sq.mm. cable laid to ground upto 1.5 meter suitable with fire proof bricks, sands and 11KV root maker.	150	mtr.	₹ 2,562.00	3,84,300.00	MP SOR 2014 code no.41.3.2.3
5	suply and Erection of 11KV HT cable Kit for cable end termination INDOOR type suitable for 150 sq.mm cable.	1	no.	₹ 15,691.00	15,691.00	MP SOR 2014 code no.41.10.1.2
6	suply and Erection of 11KV HT cable Kit for cable end termination OUTDOOR type suitable for 150 sq.mm cable.	2	nos.	₹ 13,078.00	26,156.00	MP SOR 2014 code no.41.10.1.1
7	Providing and Erection of 9 mtr. 100X116 H Beam in Brick ballast and ramming the foundation, finishing with 150 mm thick cement concrete (1: 3: 6) layer on top with including excavation and refilling etc.	851	nos.	₹ 18,000.00	1,53,18,000.00	CPWD code no.13.3.3
8	Providing & Erection of Guy Set as per CPWD SOR code no.13.1	389	nos.	3,673	14,28,797.00	CPWD SOR code no.13.1
9	Providing & erection of 'V' cross arm as per CPWD code no.13.5	212	nos.	1,239	2,62,668.00	CPWD SOR code no.13.5
10	Providing & erection of Top Fitting as per CPWD code no.13.3	212	nos.	364	77,168.00	CPWD SOR code no.13.3
11	Providing & erection of HT Pin insulator with Hardwares as per CPWD code no.13.10 (Polymeric insulator)	1917	nos.	382	7,32,294.00	CPWD SOR code no.13.10

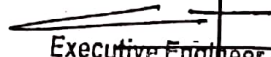

 Executive Engineer (D.N.H.)
 DNH Power Distribution Corporation
 U. T. of Dadra & Nagar Haveli, Silvassa

12	Providing & erection of 11 KV Disc insulator for 11kv over head lines with galvanised insulator fittings, ball and socket type and complete with galvanised strain clamps, bolts, nuts, washers etc. as required.	1272	nos.	1,138	14,47,536.00	CPWD SOR code no.13.11
13	Supply and erecton of M.S. Channel for cut point as per CPWD code no.13.2	424	nos.	1,800	7,63,200.00	CPWD SOR code no.13.2
14	Supply of "UNICAB" make stranded circular AAA Conductor, conductor screened with extruded semiconducting compound, XLPE Insulated, Insulation screened by extruded semi conducting compound, UV STABILIZED PVC SHEATHED (st-2) overall 11KV grade cable generally as per IS:7098 part/2,2011, 398(PT:4)/1994 of IC 50 SQ.MM 6.35/11KV XLPE 3 mm ACSR Rabbit insulated conductor.	89	km.	1,22,000	1,08,58,000.00	Rate taken from supplier M/S Apar ind. Ltd.
15	Stringing of IC 50 SQ.MM XLPE 3 mm ACSR Rabbit insulated conductor.	89.00	km.	55,000	48,95,000.00	Gujrat SOR 2014
16	Providing and Erection of Pipe type earthing of all 11KV pole.	851	nos.	2,537	21,58,987.00	CPWD SOR Code no.5.1
17	Providing and Erection of D.O. fuse set for Tapping of HT Line with channel, clamp and Nut etc.	8	nos.	₹ 9,500.00	76,000.00	Market rate.
18	Proding and Erection of Metalic Vitrified Danger Board to all 11 KV Pole.	851	nos.	110	93,610.00	Gujrat SOR code no.3.13.2
Grand Total A				RS.	3,93,25,407.00	
10 % Transportation charges on sub total A				RS.	39,32,540.70	
1% Labour cess on Sub- Total A				Rs.	3,93,254.07	
Sub Total B				Rs.	4,36,51,201.77	
3% contingency on sub total B				Rs.	13,09,536.05	
Grand Total				Rs.	4,49,60,737.82	
Say Rs.				RS.	4,49,60,738.00	
Rupees Four Core Forty Nine Lac Sixty Thousand Seven Hundred Thirty Eight only						

Certificate: This is to certify that the above estimate is based on CPWD SOR 2014 and items which are not available in CPWD SOR are taken from MP PWD SOR 2014, Rajasthan SOR 2013 & Gujarat SOR 2012-13


Junior Engineer
Khanvel


Assistant Engineer(S/Z)
DNHPDCL,
Khanvel


Executive Engineer (Dist.)
DNHP Power Distribution Corporation Ltd.
U. T. of Dadra & Nagar Haveli, Silvassa

c/23

ESTIMATE(ROUTE-3)

Name of work:- Erection of overhead HT line express feeder from 66/11KV Khanvel substation to Village Dudhani Char Rasta. (Sansad Adarsh Gram Yojna at Dudhani)

Ref.no.: 7-8(199)/ELE/95/1162

Date: 27.03.2015

Sr. No.	Particulars	Qty.	Unit	Rate	Amount	SOR/ITEM no. & Page
1	Providing and Erecting of 11KV D.P. 9 mtr. High structure made of 6" X 3 " "I"- section of Girder, 4" X 2 " channels, clamps, nuts, bolts etc. suitable for erection of the following duly connected with necessary ACSR conductors. As per drawing approved by the Engineer-in-charge complete with following. (A) 11KV 200 Amps Drop Out fuses with S.R.B.P. tubes carries - Three nos. (B) 11KV G.O.A.D. switch complete with insulators, operating handle with galvanised pipe, Sq.bar etc. 400 amp- one set. (C) 11KV Disc Insulators- 06 nos. (E) The above D.P. structure should be earthed with 25 mmX 3 mm thick double GI earth strips run seperately and connected with seperate GI plate earth electrode.	2.00	job.	1,15,000	2,30,000.00	Gujrat SOR item no. 10.2.11 Page no.198
2	Supplying and erecting earth pit of minimum bore dia. 150mm size ASH or approved make Safe Earthing Electrode consisting Pipe in Pipe Technology as per IS 3043-1987 made of corrosion free G.I. Pipes having Outer dia of 50mm having 80-200 Micron galvanizing, inner pipe dia of 25 mm having 200-250 Micron galvanizing , connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications. For Electrical Installation covering Transformer Neutrals, Lighting arrester Earthing , A.C. plant & sensitive computer system (like Automation, SCADA) i.e. independant Earthing in normal soil. Length of Pipe : 3.00 mtrs. Back Filling Compound : 2nos. Bags of 25 Kg.	12	nos.	13,450		Gujrat SOR item no. 3-14-9 Page no.77

Executive Engineer (Dist.)
DNN Power Distribution Corporation Ltd.
U. T. of Dadra & Nagar Haveli, Silvassa

3	Supply and erection of 11KV HT breaker (Make: AREVA) with following: A) Breaker Capacity: 1250 amp. B) PTR 11000/110 Volt (separate PT) (C) CTR available 200/400/5A D) MIT based Relay e) A- meter, V- meter, Enarcon make Electronics type including selector switch f) KWH meter Secure make,, Cap: 3X-/5Amp, g) Breaker having copper bus bar	1	job.	₹ 5,58,000.00	5,58,000.00	Gujrat SOR item no. 10.1.3 Page no.193
4	Supply and erection of 11KV XLPE H.T. Cable of 150 sq.mm. cable laid to ground upto 1.5 meter suitable with fire proof bricks, sands and 11KV root maker.	150	mtr.	₹ 2,562.00	3,84,300.00	MP SOR 2014 code no.41.3.2.3
5	suply and Erection of 11KV HT cable Kit for cable end termination INDOOR type suitable for 150 sq.mm cable.	1	no.	₹ 15,691.00	15,691.00	MP SOR 2014 code no.41.10.1.2
6	suply and Erection of 11KV HT cable Kit for cable end termination OUTDOOR type suitable for 150 sq.mm cable.	2	nos.	₹ 13,078.00	26,156.00	MP SOR 2014 code no.41.10.1.1
7	Providing and Erection of 9 mtr. 100X116 H Beam in Brick ballast and ramming the foundation, finishing with 150 mm thick cement concrete (1: 3: 6) layer on top with including excavation and refilling etc.	811	nos.	₹ 18,000.00	1,45,98,000.00	CPWD code no.13.3.3
8	Providing & Erection of Guy Set as per CPWD SOR code no.13.1	372	nos.	3,673	13,66,356.00	CPWD SOR code no.13.1
9	Providing & erection of 'V' cross arm as per CPWD code no.13.5	202	nos.	1,239	2,50,278.00	CPWD SOR code no.13.5
10	Providing & erection of Top Fitting as per CPWD code no.13.3	202	nos.	364	73,528.00	CPWD SOR code no.13.3
11	Providing & erection of HT Pin insulator with Hardwares as per CPWD code no.13.10 (Polymeric insulator)	1827	nos.	382	6,97,914.00	CPWD SOR code no.13.10

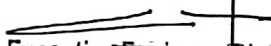
Executive Engineer (Dist.)
DNI Power Distribution Corporation Ltd.
U. T. of Dadra & Nagar Haveli, Silvassa

12	Providing & erection of 11 KV Disc insulator for 11kv over head lines with galvanised insulator fittings, ball and socket type and complete with galvanised strain clamps, bolts, nuts, washers etc. as required.	1212	nos.	1,138	13,79,256.00	CPWD SOR code no.13.11
13	Supply and erecton of M.S. Channel for cut point as per CPWD code no.13.2	404	nos.	1,800	7,27,200.00	CPWD SOR code no.13.2
14	Supply of "UNICAB" make stranded circular AAA Conductor, conductor screened with extruded semiconducting compound, XLPE Insulated, Insulation screened by extruded semi conducting compound, UV STABILIZED PVC SHEATHED (st-2) overall 11KV grade cable generally as per IS:7098 part/2,2011, 398(PT:4)/1994 of IC 50 SQ.MM 6.35/11KV XLPE 3 mm ACSR Rabbit insulated conductor.	85	km.	1,22,000	1,03,70,000.00	Rate taken from supplier M/S Apar ind. Ltd.
15	Stringing of IC 50 SQ.MM XLPE 3 mm ACSR Rabbit insulated conductor.	85.00	km.	55,000	46,75,000.00	Gujrat SOR 2014
16	Providing and Erection of Pipe type earthing of all 11KV pole.	811	nos.	2,537	20,57,507.00	CPWD SOR Code no.5.1
17	Providing and Erection of D.O. fuse set for Tapping of HT Line with channel, clamp and Nut etc.	8	nos.	₹ 9,500.00	76,000.00	Market rate.
18	Proding and Erection of Metalic Vitrified Danger Board to all 11 KV Pole.	811	nos.	110	89,210.00	Gujrat SOR code no.3.13.2
Grand TotalA				RS.	3,75,74,396.00	
10 % Transportation charges on sub total A				RS.	37,57,439.60	
1% Labour cess on Sub- Total A				Rs.	3,75,743.96	
Sub Total B				Rs.	4,17,07,579.56	
3% contingency on sub total B				Rs.	12,51,227.39	
Grand Total				Rs.	4,29,58,806.95	
Say Rs.				RS.	4,29,58,807.00	
Rupees Four Core Twenty Nine Lac Fifty Eight Thousand Eight Hundred Seven only						

Certificate: This is to certify that the above estimate is based on CPWD SOR 2014 and items which are not available in CPWD SOR are taken from MP PWD SOR 2014, Rajasthan SOR 2013 & Gujarat SOR 2012-13


Junior Engineer
Khanvel


Assistant Engineer(S/Z)
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Khanvel


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DNH Power Distribution Co.

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Comparative analysis for forest clearnce for erection of overhead HT line
express feeder from 66/11KV Khanvel sub-station to village Dudhani char
rasta(Sansad Adarsh Gram Yojna)

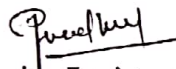
No. 6-DNC 051/2018-BHO/739

Date : 28-09-2018

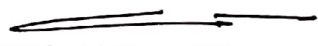
Point no. 4

SR. NO.	Total cost of estimate route- 1(Rs)	Total cost of estimate route- 2(Rs)	Total cost of estimate route- 3(Rs)
1	3,56,79,978.00	4,49,60,738.00	4,29,58,807.00

Note: As per Comparative statement the route-1 is suitable for erection of HT line.


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U. T. of Dadra & Nagar Haveli, Silvassa

Comparative analysis for forest clearance for erection of overhead HT line express feeder from 66/11KV Khanvel sub-station to village Dudhani char rasta(Sansad Adarsh Gram Yojna)

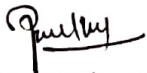
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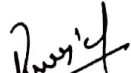
Date : 28-09-2018

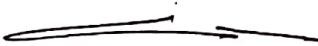
Point no. 4

SR. NO.	Total cost of estimate route-1(Rs)	Total cost of estimate route-2(Rs)	Total cost of estimate route-3(Rs)
1	3,56,79,978.00	4,49,60,738.00	4,29,58,807.00

Note: As per Comparative statement the route-1 is suitable for erection of HT line.


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