

GPS Co - ORDINATES

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akkialur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.

Client : Karnataka Power Transmission Corporation Limited

Surveyors : M/s Niketan Consultants, Bengaluru.

Job No.:KA3358D

| Sl. No. | AP No. | GPS COORDINATES (DATUM : WGS84) | | | |
|---------|---------------------------------|---------------------------------|----------|---------------|---------------|
| | | UTM (Zone 43P) | | DD° MM' SS" | |
| | | Easting | Northing | Northing | Easting |
| 1 | Bay - Balambeeda (Akkialur) S/S | 520653 | 1631481 | 14° 45' 25.9" | 75° 11' 30.8" |
| 2 | AP-1 | 520670 | 1631512 | 14° 45' 27" | 75° 11' 31.4" |
| 3 | AP-2 | 521221 | 1632355 | 14° 45' 54.4" | 75° 11' 49.8" |
| 4 | AP-3 | 521889 | 1633626 | 14° 46' 35.7" | 75° 12' 12.2" |
| 5 | AP-4 | 521850 | 1634988 | 14° 47' 20.1" | 75° 12' 11" |
| 6 | AP-5 | 521520 | 1635538 | 14° 47' 38" | 75° 11' 59.9" |
| 7 | AP-6 | 521581 | 1636418 | 14° 48' 6.6" | 75° 12' 2" |
| 8 | AP-7 | 521647 | 1637042 | 14° 48' 26.9" | 75° 12' 4.2" |
| 9 | AP-8 | 522240 | 1638503 | 14° 49' 14.5" | 75° 12' 24.1" |
| 10 | AP-9 | 522670 | 1638842 | 14° 49' 25.5" | 75° 12' 38.5" |
| 11 | AP-10 | 522622 | 1639130 | 14° 49' 34.9" | 75° 12' 36.9" |
| 12 | AP-11 | 522448 | 1639231 | 14° 49' 38.1" | 75° 12' 31.1" |
| 13 | Bay - Belagalpet S/S | 522396 | 1639213 | 14° 49' 37.6" | 75° 12' 29.4" |



For Niketan Consultants
Bengaluru

TOWER SCHEDULE

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akkialur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.

Client : Karnataka Power Transmission Corporation Limited.

Surveyors : M/s Niketan Consultants, Bengaluru.

Job No.:KA3358D

| Sl. No. | AP No. | Type of Towers | Angle of Deviation | Span In mts | Cumulative chainage in Mts. | Weight span Hot Curve | | | Crossing Details/Remarks | Village Limits |
|---------|--------|----------------|--------------------|-------------|-----------------------------|-----------------------|-----|-----|---|----------------|
| | | | | | | L | R | T | | |
| - | Bay | - | - | | 0 | - | - | - | Survey Commenced from Proposed 110/11KV Balambeeda (Akkialur) S/S | Balambeeda |
| | | | | 35 | | | | | - | " |
| 1 | AP-1 | DD+0 | 4°25'46"R | 245 | 35 | - | 99 | 99 | Compound Wall, Cart Track | " |
| 2 | | DA+3 | - | 285 | 280 | 146 | 171 | 317 | - | " |
| 3 | | DA+3 | - | 280 | 565 | 114 | 163 | 277 | LT Line, Lake, Bund | " |
| 4 | | DA+3 | - | 197 | 845 | 117 | 176 | 293 | LT Line | " |
| 5 | AP-2 | DB+0 | 5°26'39"L | 280 | 1042 | 21 | 176 | 197 | - | " |
| 6 | | DA+0 | - | 280 | 1322 | 104 | 140 | 244 | Canal, Cart Track | " |
| 7 | | DA+3 | - | 290 | 1602 | 140 | 134 | 274 | Canal, Cart Track | " |
| 8 | | DA+3 | - | 290 | 1892 | 156 | 138 | 294 | - | " |
| 9 | | DA+0 | - | 296 | 2182 | 152 | 118 | 270 | - | Kalve Yallapur |
| 10 | AP-3 | DD+3 | 30°01'0"L | 285 | 2478 | 178 | 164 | 342 | LT Line, 11KV Line 2No's, Tar Road | " |
| 11 | | DA+3 | - | 285 | 2763 | 121 | 183 | 304 | Canal, Cart Track | " |
| 12 | | DA+0 | - | 285 | 3048 | 102 | 167 | 269 | - | " |

| Sl. No. | AP No. | Type of Towers | Angle of Deviation | Span in mts | Cumulative chainage in Mts. | Weight span Hot Curve | | | Crossing Details/Remarks | Village Limits |
|---------|--------|----------------|--------------------|-------------|-----------------------------|-----------------------|-----|-----|---|-----------------|
| | | | | | | L | R | T | | |
| 13 | | DA+0 | - | | 3333 | 118 | 136 | 254 | | " |
| | | | | 255 | | | | | Arecanut Garden, LT Line, Lake, 11KV Line, Bund | |
| 14 | | DA+3 | - | | 3588 | 119 | 166 | 285 | | Kanchinegaluru |
| | | | | 253 | | | | | LT Line | |
| 15 | AP-4 | DD+0 | 30°05'0"L | | 3841 | 87 | 123 | 210 | | " |
| | | | | 225 | | | | | 11KV Line, TC, LT Line, Arecanut Garden | |
| 16 | | DA+0 | - | | 4066 | 102 | 117 | 219 | | " |
| | | | | 215 | | | | | Arecanut Garden, 11KV Line 2No's, Tar Road, LT Line | |
| 17 | | DA+0 | - | | 4281 | 98 | 80 | 178 | | " |
| | | | | 201 | | | | | LT Line | |
| 18 | AP-5 | DD+3 | 34°55'45"R | | 4482 | 121 | 153 | 274 | | " |
| | | | | 290 | | | | | 11KV Line 2No's, Tar Road, LT Line | |
| 19 | | DA+3 | - | | 4772 | 137 | 160 | 297 | | " |
| | | | | 290 | | | | | LT Line 2No's, Nala | |
| 20 | | DB+3 | - | | 5062 | 130 | 142 | 272 | | Kadashettihalli |
| | | | | 302 | | | | | Nala, LT Line | |
| 21 | AP-6 | DB+3 | 2°4'21"R | | 5364 | 160 | 107 | 267 | | kanchinegaluru |
| | | | | 210 | | | | | LT Line, Shed, Nala, 11KV Line | |
| 22 | | DA+3 | | | 5574 | 103 | 121 | 224 | | Kadashettihalli |
| | | | | 210 | | | | | 11KV Line, LT Line, Cart Track | |
| 23 | | DA+0 | - | | 5784 | 89 | 88 | 177 | | " |
| | | | | 207 | | | | | 11KV Line | |
| 24 | AP-7 | DC+0 | 16°3'14"R | | 5991 | 119 | 85 | 204 | | " |
| | | | | 235 | | | | | 11KV Line, Cart Track | |
| 25 | | DA+3 | - | | 6226 | 150 | 139 | 289 | | " |
| | | | | 270 | | | | | 11KV Line 3No's, LT Line, | |
| 26 | | DA+3 | - | | 6496 | 131 | 143 | 274 | | " |
| | | | | 270 | | | | | LT Line 3No's | |
| 27 | | DB+3 | 0°0'0" | | 6766 | 127 | 152 | 279 | | " |
| | | | | 270 | | | | | LT Line, Nala | |

| Sl. No. | AP No. | Type of Towers | Angle of Deviation | Span in mts | Cumulative chainage in Mts. | Weight span Hot Curve | | | Crossing Details/Remarks | Village Limits |
|---------|--------|--------------------|--------------------|-------------|-----------------------------|-----------------------|-----|-----|---|----------------|
| | | | | | | L | R | T | | |
| 28 | | DA+0 | - | | 7036 | 118 | 138 | 256 | | Belagalapet |
| | | | | 270 | | | | | LT Line, Nala | |
| 29 | | DA+0 | - | | 7306 | 132 | 106 | 238 | | " |
| | | | | 262 | | | | | LT Line, | |
| 30 | AP-8 | DD+0 | 30°9'06"R | | 7568 | 156 | 91 | 247 | | " |
| | | | | 285 | | | | | Cart Track 2No's, LT Line | |
| 31 | | DA+3 | - | | 7853 | 194 | 128 | 322 | | " |
| | | | | 263 | | | | | 11KV Line 2No's, Tar Road | |
| 32 | AP-9 | DD+3 Box Cross Arm | 61°12'40"L | | 8116 | 135 | 140 | 275 | | Chandragiri |
| | | | | 292 | | | | | 11KV Line, TC, LT Line | |
| 33 | AP-10 | DD+3 | 50°24'15"L | | 8408 | 152 | -88 | 64 | | " |
| | | | | 201 | | | | | LT Line, Mango Garden | |
| 34 | AP-11 | DD+6 | 49°13'37"L | | 8609 | 289 | | 289 | | " |
| | | | | 55 | | | | | Compound Wall, 11KV Line 3No's | |
| - | Bay | - | - | | 8664 | - | - | - | Joining to the Proposed 132-110/11KV Belagalpet S/S | Belagalapet |

ABSTRACT OF TOWERS

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akkialur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.

Client : Karnataka Power Transmission Corporation Limited.

Surveyors : M/s Niketan Consultants, Bengaluru.

Job No.:KA3358D

| Sl.No. | TYPE OF TOWERS | NORMAL | +3 | +6 | +9 | TOTAL |
|--------------------------|------------------|--------|----|----|----|---------|
| Proposed 132KV DC Towers | | | | | | |
| 1 | DA | 21 | 12 | - | - | 21 |
| 2 | DB | 3 | 2 | - | - | 3 |
| 3 | DC | 1 | - | - | - | 1 |
| 4 | DD | 3 | 4 | 1 | - | 8 |
| 5 | DD Box Cross Arm | 1 | 1 | - | - | 1 |
| Total = | | | | | | 34 No's |

NOTE : 1) Minor deviation if any due to way leave problem that may arise during the execution of the work will be incorporated accordingly.



For Niketan Consultants
Bengaluru

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Major Works Sub-Division,
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Major Works Sub-Division,
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KPTCL, Haveri

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Transmission (W&M) Circle,
KPTCL, Hubballi

LINE SCHEDULE

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akkialur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.

Client : Karnataka Power Transmission Corporation Limited.

Surveyors : M/s Niketan Consultants, Bengaluru.

Job No.:KA3358D

| Sl. No. | Chainage in mts | Name of the Power /Tele line | Voltage in class | Height of line in mts | Remarks |
|---------|-----------------|------------------------------|------------------|-----------------------|---------|
| 1 | 652 | LT line | 440V | 6.0 | - |
| 2 | 959 | LT line | 440V | 6.0 | - |
| 3 | 2487 | LT line | 440V | 6.0 | - |
| 4 | 2637 | 11KV line | 11KV | 7.0 | - |
| 5 | 2648 | 11KV line | 11KV | 7.0 | - |
| 6 | 3513 | LT line | 440V | 6.0 | - |
| 7 | 3583 | 11KV line | 11KV | 7.0 | - |
| 8 | 3603 | LT line | 440V | 6.0 | - |
| 9 | 3889 | 11KV line | 11KV | 7.0 | - |
| 10 | 3895 | LT line | 440V | 6.0 | - |
| 11 | 3931 | LT line | 440V | 6.0 | - |
| 12 | 4200 | 11KV line | 11KV | 7.0 | - |
| 13 | 4212 | 11KV line | 11KV | 7.0 | - |
| 14 | 4261 | LT line | 440V | 6.0 | - |
| 15 | 4299 | LT line | 440V | 6.0 | - |
| 16 | 4522 | 11KV line | 11KV | 7.0 | - |
| 17 | 4583 | 11KV line | 11KV | 7.0 | - |
| 18 | 4739 | LT line | 440V | 6.0 | - |
| 19 | 4898 | LT line | 440V | 6.0 | - |
| 20 | 4901 | LT line | 440V | 6.0 | - |
| 21 | 5293 | LT line | 440V | 6.0 | - |
| 22 | 5452 | LT line | 440V | 6.0 | - |
| 23 | 5538 | 11KV line | 11KV | 7.0 | - |
| 24 | 5641 | 11KV line | 11KV | 7.0 | - |
| 25 | 5653 | LT line | 440V | 6.0 | - |
| 26 | 5917 | 11KV line | 11KV | 7.0 | - |
| 27 | 6192 | 11KV line | 11KV | 7.0 | - |
| 28 | 6295 | 11KV line | 11KV | 7.0 | - |
| 29 | 6308 | 11KV line | 11KV | 7.0 | - |
| 30 | 6337 | LT line | 440V | 6.0 | - |
| 31 | 6402 | 11KV line | 11KV | 7.0 | - |
| 32 | 6603 | LT line | 440V | 6.0 | - |
| 33 | 6625 | LT line | 440V | 6.0 | - |
| 34 | 6640 | LT line | 440V | 6.0 | - |
| 35 | 6801 | LT line | 440V | 6.0 | - |
| 36 | 7070 | LT line | 440V | 6.0 | - |
| 37 | 7323 | LT line | 440V | 6.0 | - |
| 38 | 7641 | LT line | 440V | 6.0 | - |
| 39 | 8030 | 11KV line | 11KV | 7.0 | - |
| 40 | 8084 | 11KV line | 11KV | 7.0 | - |
| 41 | 8213 | LT line | 440V | 6.0 | - |
| 42 | 8213 | 11KV line | 11KV | 7.0 | - |
| 43 | 8436 | LT line | 440V | 6.0 | - |
| 44 | 8661 | 11KV line | 11KV | 7.0 | - |
| 45 | 8663 | 11KV line | 11KV | 7.0 | - |
| 46 | 8664 | 11KV line | 11KV | 7.0 | - |

ABSTRACT OF LINE SCHEDULE

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akkialur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.

Client : Karnataka Power Transmission Corporation Limited.

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Job No.:KA3358D

| Sl.No. | Name of Power Line / Tele Line | Power Line | Tele Line | Total |
|--------|--------------------------------|------------|-----------|---------|
| 1 | LT Line | 25 | - | 25 |
| 2 | 11KV Line | 21 | - | 21 |
| | | | Total= | 46 No's |



For Niketan Consultants
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TREE SCHEDULE

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akkialur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.

Client : Karnataka Power Transmission Corporation Limited

Surveyors : M/s Niketan Consultants, Bengaluru.

Job No.:KA3358D

| Sl. No. | Chainage in mts | Name of the Tree | Grith size in mts | Height of Trees in Mts | 12.5M from center line in mts | Remarks (No. of Trees) |
|---------------------|-----------------|------------------|-------------------|------------------------|-------------------------------|------------------------|
| Bay to AP-1 | | | | | | |
| Nil | | | | | | |
| AP-1 to AP-2 | | | | | | |
| 1 | 130 | Neem Tree | 0.8 | 12 | L | 1 |
| 2 | 150 | Neem Tree | 0.6 | 13 | R | 1 |
| 3 | 344 | Neem Tree | 0.7 | 10 | L | 1 |
| 4 | 472 | Neem Tree | 0.8 | 13 | R | 1 |
| 5 | 659 | Neem Tree | 0.6 | 10 | R-L | 2 |
| 6 | 778 | Mango Tree | 0.6 | 10 | R-L | 3 |
| 7 | 778 | Neem Tree | 0.5 | 12 | L | 1 |
| 8 | 977 | Neem Tree | 0.7 | 10 | R-L | 2 |
| AP-2 to AP-3 | | | | | | |
| 1 | 33 | Teakwood tree | 0.6 - 0.9 | 18 - 20 | R-L | 5 |
| 2 | 207 | Mango tree | 0.8 | 10 | R | 1 |
| 3 | 436 | Neem Tree | 0.7 | 16 | R | 1 |
| 4 | 615 | Mango tree | 0.8 | 10 - 11 | R-L | 2 |
| 5 | 832 | Neem Tree | 0.6 | 12 | R-L | 2 |
| 6 | 1219 | Mango tree | 0.7 | 10 - 12 | R-L | 2 |
| AP-3 to AP-4 | | | | | | |
| 1 | 58 | Neem Tree | 0.8 | 12 | R-L | 2 |
| 2 | 320 | Neem Tree | 0.4 | 11 | L | 1 |
| 3 | 730 | Neem Tree | 0.5 - 0.7 | 10 - 11 | R-L | 4 |
| 4 | 943 - 1015 | Areca nut Tree | 0.2 - 0.4 | 17 - 18 | R-L | 50 |
| 5 | 1094 | Neem Tree | 0.8 - 0.9 | 10 - 13 | R-L | 4 |
| 6 | 1215 | Teakwood tree | 0.8 - 1 | 18 - 19 | R-L | 4 |
| AP-4 to AP-5 | | | | | | |
| 1 | 102 | Neem Tree | 0.8 | 12 | L | 1 |
| 2 | 102 | Coconut Tree | 1.2 | 18 | R | 1 |
| 3 | 115 - 183 | Areca nut Tree | 0.2 - 0.4 | 17 - 18 | R-L | 25 |
| 4 | 190 | Neem Tree | 0.7 - 0.8 | 12 - 13 | R-L | 2 |
| 5 | 295 - 334 | Areca nut Tree | 0.2 - 0.4 | 17 - 18 | R-L | 35 |
| 6 | 415 | Neem Tree | 0.8 | 12 | R | 1 |
| 7 | 504 | Coconut Tree | 0.9 | 12 | R | 1 |
| 8 | 525 | Mango tree | 0.8 | 10 | R | 1 |
| 9 | 573 | Mango tree | 1.3 | 12 | R | 1 |
| 10 | 606 | Coconut Tree | 0.8 - 1.3 | 18 | L | 2 |
| AP-5 to AP-6 | | | | | | |
| 1 | 37 | Neem Tree | 0.6 - 0.8 | 10 - 12 | R-L | 4 |
| 2 | 52 | Teakwood tree | 0.8 - 0.9 | 18 | R-L | 2 |
| 3 | 343 | Coconut Tree | 1.3 - 1.5 | 18 - 19 | R-L | 4 |
| 4 | 366 | Jungle Tree | 0.8 - 1.3 | 10 - 13 | R-L | 4 |

[illegible]

ABSTRACT OF TREE SCHEDULE

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| SL. No | Name of Tree | Total |
|--------|----------------|-----------|
| 1 | Areca nut Tree | 110 |
| 2 | Coconut Tree | 23 |
| 3 | Jungle Tree | 4 |
| 4 | Mango Tree | 40 |
| 5 | Neem Tree | 51 |
| 6 | Teakwood tree | 36 |
| Total= | | 264 No's. |



For Niketan Consultants
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SOIL RESISTIVITY REPORT

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akkialur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.

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Job No.:KA3358D

| Sl. No. | Cumulative chainage in mts | Soil encountered | Earth resistance in ohms | Soil resistivity in ohms-cms | Remarks |
|---------|----------------------------|------------------|--------------------------|------------------------------|--|
| 1 | 0 | BC Soil | 0.62 | 19468 | Near Proposed 110/11KV Balambeeda (Akkialur) S/S |
| 2 | 1100 | BC Soil | 0.63 | 19782 | Near AP-2 |
| 3 | 2005 | BC Soil | 0.64 | 20096 | Near Pro. T.No.8 |
| 4 | 3050 | BC Soil | 0.62 | 19468 | Near Pro. T.No.12 |
| 5 | 3931 | BC Soil | 0.61 | 19154 | Near LT Line |
| 6 | 4950 | BC Soil | 0.58 | 18212 | Near Nala |
| 7 | 6000 | BC Soil | 0.59 | 18526 | Near AP-7 |
| 8 | 7010 | BC Soil | 0.63 | 19782 | Near Nala |
| 9 | 8100 | BC Soil | 0.61 | 19154 | Near AP-9 |
| 10 | 8664 | BC Soil | 0.63 | 19782 | Near Proposed 132-110/11KV Belagalpet S/S |
| Total = | | | | 193424 | |

Average Soil Resistivity = $\frac{193424}{10} = 19342.4$ ohm-cms.

Formula used = $2\pi rl$

Where 'l' spacing between electrodes = 5000cms

'r' is earth resistance in ohms.

$\pi = 3.14$



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SOIL CLASSIFICATION STATEMENT

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akkialur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.

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Job No.:KA3358D

| Loc. No. | AP Nos | Location Details | Angle of deviation | Cum. Chainage in mts | NDS/Dry BC | Wet Black Cotton Soil | Partially Sub merged | Fully Sub merged | Hard rock | SFR Soil | WET Soil | DFR Soil | Provisional Type of Foundation | Remarks |
|----------|--------|------------------|--------------------|----------------------|------------|-----------------------|----------------------|------------------|-----------|----------|----------|----------|--------------------------------|---------|
| 1 | AP-1 | DD+0 | 4°25'46"R | 35 | 0.50 | - | - | - | - | 2.35 | - | - | SFR | - |
| 2 | | DA+3 | - | 280 | 0.25 | - | - | - | - | 2.15 | - | - | SFR | - |
| 3 | | DA+3 | - | 565 | 0.65 | - | - | - | - | 2.40 | - | - | SFR | - |
| 4 | | DA+3 | - | 845 | 0.65 | - | - | - | - | - | - | 2.50 | DFR | - |
| 5 | AP-2 | DB+0 | 5°26'39"L | 1042 | 0.50 | 2.60 | - | - | - | - | - | - | WBC | - |
| 6 | | DA+0 | - | 1322 | 0.35 | 2.40 | - | - | - | - | - | - | WBC | - |
| 7 | | DA+3 | - | 1602 | 0.25 | 2.45 | - | - | - | - | - | - | WBC | - |
| 8 | | DA+3 | - | 1892 | 0.65 | - | - | - | - | - | - | 2.50 | DFR | - |
| 9 | | DA+0 | - | 2182 | 0.45 | - | - | - | - | - | - | 2.65 | DFR | - |
| 10 | AP-3 | DD+3 | 30°01'0"L | 2478 | 0.25 | 2.75 | - | - | - | - | - | - | WBC | - |
| 11 | | DA+3 | - | 2763 | 0.45 | 2.35 | - | - | - | - | - | - | WBC | - |
| 12 | | DA+0 | - | 3048 | 0.65 | - | - | - | - | - | - | 2.55 | DFR | - |
| 13 | | DA+0 | - | 3333 | 0.85 | 2.40 | - | - | - | - | - | - | WBC | - |
| 14 | | DA+3 | - | 3588 | 0.60 | - | - | - | - | 2.45 | - | - | SFR | - |
| 15 | AP-4 | DD+0 | 30°05'0"L | 3841 | 0.50 | 2.75 | - | - | - | - | - | - | WBC | - |
| 16 | | DA+0 | - | 4066 | 0.40 | 2.65 | - | - | - | - | - | - | WBC | - |
| 17 | | DA+0 | - | 4281 | 0.35 | - | - | - | - | - | - | 2.40 | DFR | - |
| 18 | AP-5 | DD+3 | 34°55'45"R | 4482 | 0.60 | 2.40 | - | - | - | - | - | - | WBC | - |
| 19 | | DA+3 | - | 4772 | 0.55 | - | - | - | - | 2.45 | - | - | SFR | - |
| 20 | | DA+3 | - | 5062 | 0.25 | - | - | - | - | - | - | 2.50 | DFR | - |
| 21 | AP-6 | DB+3 | 2°4'21"R | 5364 | 0.35 | 2.65 | - | - | - | - | - | - | WBC | - |
| 22 | | DA+3 | - | 5574 | 0.60 | 2.75 | - | - | - | - | - | - | WBC | - |
| 23 | | DA+0 | - | 5784 | 0.55 | - | - | - | - | 2.35 | - | - | SFR | - |
| 24 | AP-7 | DC+0 | 16°3'14"R | 5991 | 0.50 | 2.55 | - | - | - | - | - | - | WBC | - |
| 25 | | DA+3 | - | 6226 | 0.35 | 2.40 | - | - | - | - | - | - | WBC | - |

| Loc. No. | AP Nos | Location Details | Angle of deviation | Cum. Chainage in mts | NDS/Dry BC | Wet Black Cotton Soil | Partially Sub merged | Fully Sub merged | Hard rock | SFR Soil | WET Soil | DFR Soil | Provisional Type of Foundation | Remarks |
|----------|--------|--------------------|--------------------|----------------------|------------|-----------------------|----------------------|------------------|-----------|----------|----------|----------|--------------------------------|---------|
| 26 | | DA+3 | - | 6496 | 0.25 | - | - | - | - | 2.45 | - | - | SFR | - |
| 27 | | DB+3 | 0°0'0" | 6766 | 0.65 | 2.75 | - | - | - | - | - | - | WBC | - |
| 28 | | DA+0 | - | 7036 | 0.45 | 2.65 | - | - | - | - | - | - | WBC | - |
| 29 | | DA+0 | - | 7306 | 0.25 | - | - | - | - | 2.40 | - | - | SFR | - |
| 30 | AP-8 | DD+0 | 30°9'06"R | 7568 | 0.45 | 2.45 | - | - | - | - | - | - | WBC | - |
| 31 | | DA+3 | - | 7853 | 0.50 | 2.50 | - | - | - | - | - | - | WBC | - |
| 32 | AP-9 | DD+3 Box Cross Arm | 61°12'40"L | 8116 | 0.35 | 2.65 | - | - | - | - | - | - | WBC | - |
| 33 | AP-10 | DD+3 | 50°24'15"L | 8408 | 0.25 | - | - | - | - | 2.75 | - | - | SFR | - |
| 34 | AP-11 | DD+6 | 49°13'37"L | 8609 | 0.65 | - | - | - | - | 2.35 | - | - | SFR | - |



For Niketan Consultants
Bengaluru

LAND COMPENSATION FOR TOWER FOOT AREA AND CORRIDOR

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110/11KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akkialur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.

Client : Karnataka Power Transmission Corporation Limited

Surveyors : M/s Niketan Consultants, Bengaluru.


Job No.:KA3358D

| T. No. | Type of Tower | Span Length in Mtrs | Tower Base Width | Tower base width considered for calculation + 2 Mts | Area in sqm | Area in Acres | Guidance value | 200% of the guidance value for tower foot area | Amount for Tower foot area | 30% of the guidance value for corridor | Amount for corridor (width of corridor 25 mtrs) | Village Limits |
|--------|---------------|---------------------|------------------|---|-------------|---------------|----------------|--|----------------------------|--|---|----------------|
| - | Bay | | | | 0.000 | 0.000 | 4,50,000 | 900000.00 | 0.000 | | | Balambeeda |
| | | 35 | | | 875.000 | 0.216 | 4,50,000 | | | 135000.00 | 29189.326 | " |
| 1 | DD+0 | | 5.5 | 7.5 | 56.250 | 0.014 | 4,50,000 | 900000.00 | 12509.711 | | | " |
| | | 245 | | | 6125.000 | 1.514 | 4,50,000 | | | 135000.00 | 204325.284 | " |
| 2 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,50,000 | 900000.00 | 7873.334 | | | " |
| | | 285 | | | 7125.000 | 1.761 | 4,50,000 | | | 135000.00 | 237684.514 | " |
| 3 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,50,000 | 900000.00 | 7873.334 | | | " |
| | | 280 | | | 7000.000 | 1.730 | 4,50,000 | | | 135000.00 | 233514.610 | " |
| 4 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,50,000 | 900000.00 | 7873.334 | | | " |
| | | 197 | | | 4925.000 | 1.217 | 4,50,000 | | | 135000.00 | 164294.208 | " |
| 5 | DB+0 | | 4.50 | 6.5 | 42.250 | 0.010 | 4,50,000 | 900000.00 | 9396.183 | | | " |
| | | 280 | | | 7000.000 | 1.730 | 4,50,000 | | | 135000.00 | 233514.610 | " |
| 6 | DA+0 | | 3.50 | 5.5 | 30.250 | 0.007 | 4,50,000 | 900000.00 | 6727.445 | | | " |
| | | 280 | | | 7000.000 | 1.730 | 4,50,000 | | | 135000.00 | 233514.610 | " |
| 7 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,50,000 | 900000.00 | 7873.334 | | | " |
| | | 290 | | | 7250.000 | 1.792 | 4,50,000 | | | 135000.00 | 241854.417 | " |
| 8 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,50,000 | 900000.00 | 7873.334 | | | " |
| | | 290 | | | 7250.000 | 1.792 | 4,50,000 | | | 135000.00 | 241854.417 | " |
| 9 | DA+0 | | 3.50 | 5.5 | 30.250 | 0.007 | 4,25,000 | 850000.00 | 6353.698 | | | Kaive Yallapur |
| | | 296 | | | 7400.000 | 1.829 | 4,25,000 | | | 127500.00 | 233143.952 | " |
| 10 | DD+3 | | 6.27 | 8.27 | 68.393 | 0.017 | 4,25,000 | 850000.00 | 14365.217 | | | " |
| | | 285 | | | 7125.000 | 1.761 | 4,25,000 | | | 127500.00 | 224479.818 | " |
| 11 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,25,000 | 850000.00 | 7435.927 | | | " |
| | | 285 | | | 7125.000 | 1.761 | 4,25,000 | | | 127500.00 | 224479.818 | " |
| 12 | DA+0 | | 3.50 | 5.5 | 30.250 | 0.007 | 4,25,000 | 850000.00 | 6353.698 | | | " |

| T. No. | Type of Tower | Span Length in Mtrs | Tower Base Width | Tower base width considered for calculation + 2 Mts | Area in sqm | Area in Acres | Guidance value | 200% of the guidance value for tower foot area | Amount for Tower foot area | 30% of the guidance value for corridor | Amount for corridor (width of corridor 25 mtrs) | Village Limits |
|--------|---------------|---------------------|------------------|---|-------------|---------------|----------------|--|----------------------------|--|---|------------------|
| | | 285 | | | 7125.000 | 1.761 | 4,25,000 | | | 127500.00 | 224479.818 | |
| 13 | DA+0 | | 3.50 | 5.5 | 30.250 | 0.007 | 4,25,000 | 850000.00 | 6353.698 | | | " |
| | | 255 | | | 6375.000 | 1.575 | 4,25,000 | | | 127500.00 | 200850.384 | |
| 14 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,25,000 | 850000.00 | 7435.927 | | | Kanchinegal uru |
| | | 253 | | | 6325.000 | 1.563 | 4,25,000 | | | 127500.00 | 199275.067 | |
| 15 | DD+0 | | 5.5 | 7.5 | 56.250 | 0.014 | 4,25,000 | 850000.00 | 11814.727 | | | " |
| | | 225 | | | 5625.000 | 1.390 | 4,25,000 | | | 127500.00 | 177220.909 | |
| 16 | DA+0 | | 3.50 | 5.5 | 30.250 | 0.007 | 4,25,000 | 850000.00 | 6353.698 | | | " |
| | | 215 | | | 5375.000 | 1.328 | 4,25,000 | | | 127500.00 | 169344.424 | |
| 17 | DA+0 | | 3.50 | 5.5 | 30.250 | 0.007 | 4,25,000 | 850000.00 | 6353.698 | | | " |
| | | 201 | | | 5025.000 | 1.242 | 4,25,000 | | | 127500.00 | 158317.346 | |
| 18 | DD+3 | | 6.27 | 8.27 | 68.393 | 0.017 | 4,25,000 | 850000.00 | 14365.217 | | | " |
| | | 290 | | | 7250.000 | 1.792 | 4,25,000 | | | 127500.00 | 228418.061 | |
| 19 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,25,000 | 850000.00 | 7435.927 | | | " |
| | | 290 | | | 7250.000 | 1.792 | 4,25,000 | | | 127500.00 | 228418.061 | |
| 20 | DB+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,25,000 | 850000.00 | 7435.927 | | | Kadashettih alli |
| | | 302 | | | 7550.000 | 1.866 | 4,25,000 | | | 127500.00 | 237869.843 | |
| 21 | DB+3 | | 5.12 | 7.12 | 50.694 | 0.013 | 4,25,000 | 850000.00 | 10647.831 | | | kanchinegal uru |
| | | 210 | | | 5250.000 | 1.297 | 4,25,000 | | | 127500.00 | 165406.182 | |
| 22 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,25,000 | 850000.00 | 7435.927 | | | Kadashettih alli |
| | | 210 | | | 5250.000 | 1.297 | 4,25,000 | | | 127500.00 | 165406.182 | |
| 23 | DA+0 | | 3.50 | 5.5 | 30.250 | 0.007 | 4,25,000 | 850000.00 | 6353.698 | | | " |
| | | 207 | | | 5175.000 | 1.279 | 4,25,000 | | | 127500.00 | 163043.237 | |
| 24 | DC+0 | | 5.00 | 7 | 49.000 | 0.012 | 4,25,000 | 850000.00 | 10291.940 | | | " |
| | | 235 | | | 5875.000 | 1.452 | 4,25,000 | | | 127500.00 | 185097.394 | |
| 25 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,25,000 | 850000.00 | 7435.927 | | | " |
| | | 270 | | | 6750.000 | 1.668 | 4,25,000 | | | 127500.00 | 212665.091 | |
| 26 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 4,25,000 | 850000.00 | 7435.927 | | | " |
| | | 270 | | | 6750.000 | 1.668 | 4,25,000 | | | 127500.00 | 212665.091 | |

| T. No. | Type of Tower | Span Length in Mtrs | Tower Base Width | Tower base width considered for calculation + 2 Mts | Area in sqm | Area in Acres | Guidance value | 200% of the guidance value for tower foot area | Amount for Tower foot area | 30% of the guidance value for corridor | Amount for corridor (width of corridor 25 mtrs) | Village Limits |
|--------|--------------------|---------------------|------------------|---|-------------|---------------|----------------|--|----------------------------|--|---|----------------|
| 27 | DB+3 | | 5.12 | 7.12 | 50.694 | 0.013 | 4,25,000 | 850000.00 | 10647.831 | | | " |
| | | 270 | | | 6750.000 | 1.668 | 4,25,000 | | | 127500.00 | 212665.091 | |
| 28 | DA+0 | | 3.50 | 5.5 | 30.250 | 0.007 | 5,50,000 | 1100000.00 | 8222.432 | | | Belagalapet |
| | | 270 | | | 6750.000 | 1.668 | 5,50,000 | | | 165000.00 | 275213.647 | |
| 29 | DA+0 | | 3.50 | 5.5 | 30.250 | 0.007 | 5,50,000 | 1100000.00 | 8222.432 | | | " |
| | | 262 | | | 6550.000 | 1.619 | 5,50,000 | | | 165000.00 | 267059.169 | |
| 30 | DD+0 | | 5.5 | 7.5 | 56.250 | 0.014 | 5,50,000 | 1100000.00 | 15289.647 | | | " |
| | | 285 | | | 7125.000 | 1.761 | 5,50,000 | | | 165000.00 | 290503.294 | |
| 31 | DA+3 | | 3.95 | 5.95 | 35.403 | 0.009 | 5,50,000 | 1100000.00 | 9622.964 | | | " |
| | | 263 | | | 6575.000 | 1.625 | 5,50,000 | | | 165000.00 | 268078.479 | |
| 32 | DD+3 Box Cross Arm | | 6.27 | 8.27 | 68.393 | 0.017 | 4,25,000 | 850000.00 | 14365.217 | | | Chandragiri |
| | | 292 | | | 7300.000 | 1.804 | 4,25,000 | | | 127500.00 | 229993.358 | |
| 33 | DD+3 | | 6.27 | 8.27 | 68.393 | 0.017 | 4,25,000 | 850000.00 | 14365.217 | | | " |
| | | 201 | | | 5025.000 | 1.242 | 4,25,000 | | | 127500.00 | 158317.346 | |
| 34 | DD+6 | | 7.04 | 9.04 | 81.722 | 0.020 | 4,25,000 | 850000.00 | 17164.772 | | | " |
| | | 55 | | | 1375.000 | 0.340 | 4,25,000 | | | 127500.00 | 43320.667 | |
| - | Bay | | | | 0.000 | 0.000 | 5,50,000 | 1100000.00 | 0.000 | | | Belagalapet |
| Total= | | | | | | | | | 3,17,559.13 | | 71,75,477.70 | |


 For Niketan Consultants
 Bengaluru


 Assistant Engineer Ele.,
 Major Works Sub-Division,
 KPTCL, Haveri


 Assistant Executive Engineer Ele.,
 Major Works Sub-Division,
 KPTCL, Haveri


 Executive Engineer Ele.,
 Major Works Division,
 KPTCL, Haveri


 Superintending Engineer Ele.,
 Transmission (W & M) Circle,
 KPTCL, Hubballi.

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akklalur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.

Client : Karnataka Power Transmission Corporation Limited

Surveyors : M/s Niketan Consultants, Bengaluru.

Job No.:KA3358D

Tree/ crop cut compensation calculation

1. Crop Damaged for foundation of Tower

Total Number of Towers : 34No's

Considering Rs 1,00,000 per Tower including Approach Road

=34x100000

₹

34,00,000.00

2. Crop Damaged during Stringing of Conductor

By considering width of 27M and Total line length of 8.664Kms and predominant crop as Maize & Sugar cane

Area Damaged in Acres:

= (25*8664)/4046.8 = 53.52 Acres

1

Average yield of Sugarcane 75 Ton/Acre and Rate 2500/Ton i.e., 25% of area damaged in acres

= 75X2500X53.52X25%

₹

25,08,750.00

2

Average yield of Maize 40 Quintal/Acre and Rate 2541/Quintal i.e., 75% of area damaged in acres

=40X2541X53.52X75%

₹

40,79,829.60

Total=

₹

65,88,579.60

3. Tree Cut Compensation

As per detailed survey report

| SL. No | Name of Tree | Total No of Trees | Approx. Rates | Total Amount |
|----------------------|----------------|-------------------|---------------|----------------|
| 1 | Areca nut Tree | 110 | 1500 | 165000 |
| 2 | Coconut Tree | 23 | 25000 | 575000 |
| 3 | Jali Tree | 4 | 8000 | 32000 |
| 4 | Mango Tree | 40 | 20000 | 800000 |
| 5 | Neem Tree | 51 | 10000 | 510000 |
| 6 | Teakwood Tree | 36 | 15000 | 540000 |
| Total Amount= | | | | 2622000 |

26,22,000.00

Total crop & tree cut compensation amount = ₹ 1,26,10,579.60

Note: Above calculations made are of approximate value. Actual calculation of crop/tree compensation will vary depending on location and yield of crop and valuation of trees by concerned authorities during the execution of work



For Niketan Consultants

[Signature]

**Assistant Engineer Ele.,
Major Works Sub-division
KPTCL, Haveri**

[Signature]

**Assistant Executive Engineer Ele.,
Major Works Sub-division
KPTCL, Haveri**

Approved

[Signature]

**Executive Engineer Ele.,
Major Works Division,
KPTCL, Haveri**

[Signature]

**Superintending Engineer Ele.,
Transmission (W&M) Circle,
KPTCL, Hubballi.**

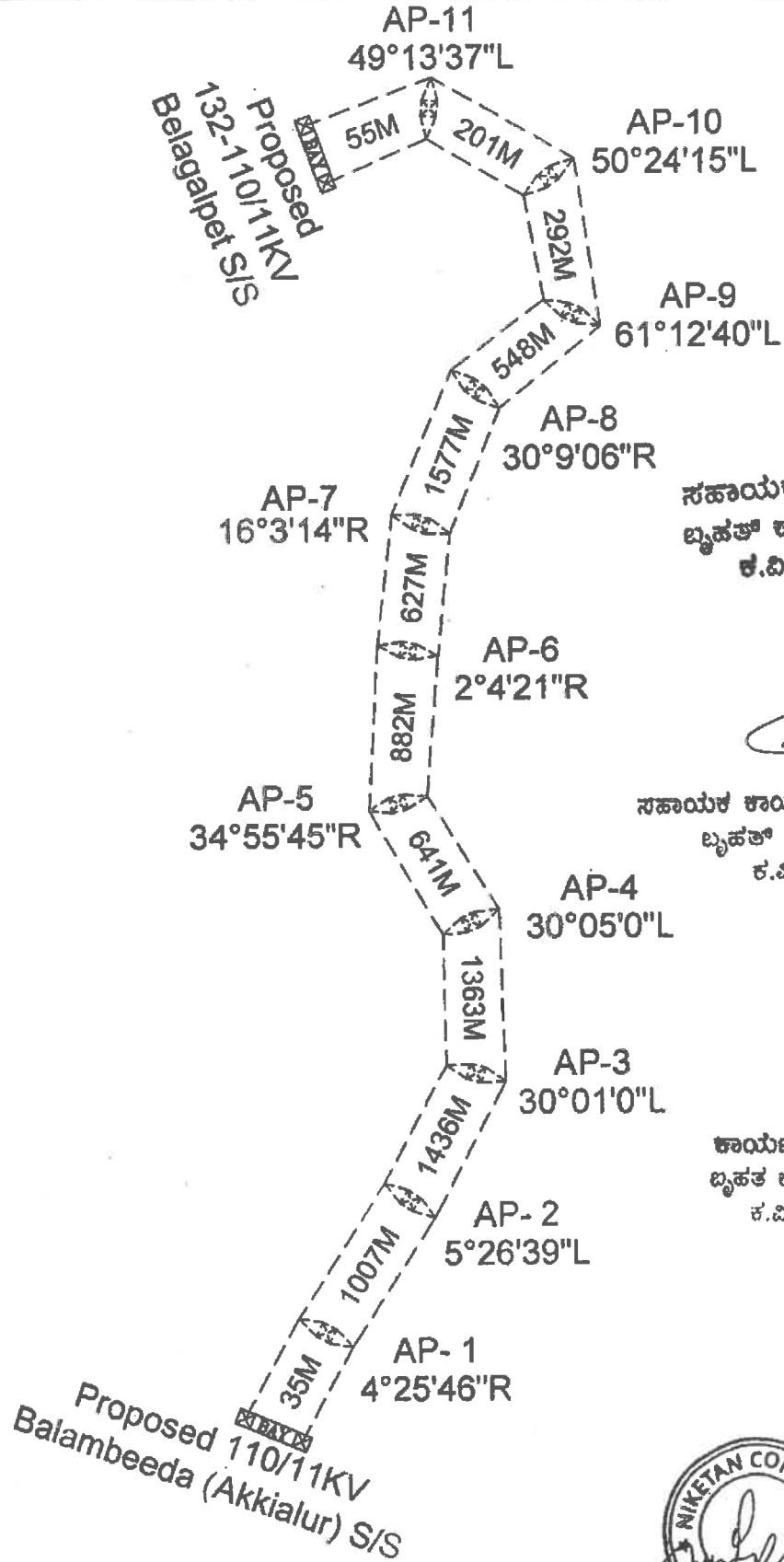
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|--|--|---------|---------|---------|---------|-------|-------|
| | 209, 213ಎ, 213ಬಿ, 214, 213ಎ, 213ಬಿ, 224, 225, 226, 227, 228, 229, 263, 275, 276, 278 | 213A, 213B, 214, 223A, 223B, 224, 225, 226, 227, 228, 229, 263, 275, 276, 278 | | | | | | |
| 8 | ಅಕ್ಕಿಲೂರ, ಗ್ರಾಮಕ್ಕೆ ಸಮೀಪದ ಎಸ್ಎಲ್-2ಗೆ ಹೊಂದಿದ ರಸ್ತೆಸಂಖ್ಯೆ : 8ಎ, 25, 28, 29, 185, 186, 188, 188ಎ, 188ಬಿ, 208ಎ, 210, 211ಎ1, 211ಎ2, 211ಬಿ, 211, 212ಎ, 212ಬಿ | Akdi Alur : nearby village & adjacent to SH-2 R.S.No.s : 8B, 25, 28, 29, 185, 186, 188, 188A, 188B, 208A, 210, 211A1, 211A1B, 211B, 211, 212A, 212B | 550,000 | 600,000 | 650,000 | 900,000 | | |
| 9 | ಅಕ್ಕಿವಳ್ಳಿ | Akktivalli | 225,000 | 250,000 | 300,000 | 450,000 | 1,000 | 1,200 |
| 10 | ಅಲದಕ್ಕಟ್ಟು | Aladakatti | 300,000 | 350,000 | 375,000 | 550,000 | 1,300 | 1,600 |
| 11 | ಅಲದಕ್ಕಟ್ಟು, ಗ್ರಾಮಕ್ಕೆ ಸಮೀಪದ ರಸ್ತೆಸಂಖ್ಯೆ : 21, 22, 23, 24, 34, 35, 36, 37/2, 37/3, 39, 40, 41, 42/1, 42/2, 48, 86, 87 | Aladakatti : nearby village R.S.No.s : 21, 22, 23, 24, 34, 35, 36, 37/2, 37/3, 39, 40, 41, 42/1, 42/2, 48, 86, 87 | 350,000 | 400,000 | 450,000 | 625,000 | | |
| 12 | ಅಲ್ಲಪುರ | Allapur | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 13 | ಅರೇಶ್ವರ | Araleshwara | 250,000 | 300,000 | 325,000 | 500,000 | 1,100 | 1,400 |
| 14 | ಅರಿಶಿನಗುಪ್ಪಿ | Arishinaguppi | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 15 | ಬದಾಮಗಟ್ಟು | Badamagatti | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 16 | ಬದಾಮಗಟ್ಟು, ಎಸ್ಎಲ್-2ಗೆ ಹೊಂದಿದ ರಸ್ತೆಸಂಖ್ಯೆ : 80, 82, 83, 84 | Badamagatti : adjacent to SH-1 : 80, 82, 83, 84 | 250,000 | 275,000 | 325,000 | 525,000 | | |
| 17 | ಬೈಚವಳ್ಳಿ | Baichavalli | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 18 | ಬೈಲವಾಳ | Ballaval | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 19 | ಬಾಳಂಬೇಡ | Balambeed | 225,000 | 250,000 | 300,000 | 450,000 | 1,000 | 1,200 |
| 20 | ಬಾಳಂಬೇಡ, ಗ್ರಾಮಕ್ಕೆ ಸಮೀಪದ ರಸ್ತೆಸಂಖ್ಯೆ : 1, 2, 88, 90ಎ, 92ಬಿ, 93ಎ/2, 196, 197, 198, 328 | Balambeed : nearby village : 1, 2, 88, 90A, 92B, 93A/2, 196, 197, 198, 328 | 275,000 | 300,000 | 325,000 | 525,000 | | |
| 21 | ಬಾಳಂಬೇಡ, ಎಸ್ಎಲ್-2ಗೆ ಹೊಂದಿದ ರಸ್ತೆಸಂಖ್ಯೆ : 68, 69, 70, 70ಎ, 71, 71ಎ, 72, 73, 73ಎ, 74, 74ಎ, 75, 76, 76ಎ, 77, 77ಎ, 82, 83, 83ಎ, 84, 84ಎ, 91, 91ಎ, 92, 92ಎ, 93, 93ಎ, 94ಎ, 96, | Balambeed : adjacent to SH-2 : 68, 69, 70, 70A, 71, 71A, 72, 73, 73A, 74, 74A, 75, 76, 76A, 77, 77A, 82, 83, 83A, 84, 84A, 91, 91A, 92, 92A, 93, 93A, 94A, 96, | 275,000 | 320,000 | 360,000 | 550,000 | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-----|--|---|---------|---------|---------|---------|-------|-------|
| 120 | ಜಕ್ಕನಾಯಕನಕೊಪ್ಪ | Jakkanayakanakoppa | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 121 | ಜಾನಗುಂಡಿಕೊಪ್ಪ | Janagundikoppa | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 122 | ಜಂಗಿನಕೊಪ್ಪ | Janginakoppa | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 123 | ಕಾಡಶೆಟ್ಟಿಹಳ್ಳಿ | Kadashettihalli | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 124 | ಕಾಡಶೆಟ್ಟಿಹಳ್ಳಿ ಗ್ರಾಮಕ್ಕೆ ಸಮೀಪದ ರಿ.ಸ.ನಂಗಳು : 1, 2, 3, 4, 5, 32, 33, 34, 42, 43, 94, 95, 96, 97, 98 | Kadashettihalli : nearby village : 1, 2, 3, 4, 5, 32, 33, 34, 42, 43, 94, 95, 96, 97, 98 | 225,000 | 275,000 | 300,000 | 500,000 | | |
| 125 | ಕಲಗುಡ್ಡಿ | Kalaguddi | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 126 | ಕಲಾಕೆರಿ | Kalakeri | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 127 | ಕಲ್ಲಾಪುರ | Kallapur | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 128 | ಕಾಲ್ವೆಯಲ್ಲಾಪುರ | Kalve Yallapur | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 129 | ಕಾಲ್ವೆಕಲ್ಲಾಪುರ | Kalve Kallapur | 225,000 | 275,000 | 300,000 | 450,000 | 1,000 | 1,200 |
| 130 | ಕಾಮನಹಳ್ಳಿ | Kamanahalli | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 131 | ಕಂಚಿನೇಗಲೂರ | Kanchinegalur | 225,000 | 275,000 | 300,000 | 450,000 | 1,000 | 1,200 |
| 132 | ಕನ್ನೇಶ್ವರ | Kanneshwara | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 133 | ಕರಗುದರಿ | Karagudari | 250,000 | 300,000 | 350,000 | 500,000 | 1,200 | 1,400 |
| 134 | ಕರಗುದರಿ, ಎಸ್.ಎಚ್-1ಗೆ ಹೊಂದಿದ ರಿ.ಸ.ನಂಗಳು : 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 19, 20, 29, 30, 31, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47 | Karagudari : adjacent to SH-1 : 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 19, 20, 29, 30, 31, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47 | 325,000 | 375,000 | 425,000 | 650,000 | | |
| 135 | ಕರಗುದರಿ, ಎಸ್.ಎಚ್-137ಗೆ ಹೊಂದಿದ ರಿ.ಸ.ನಂಗಳು : 17, 18 | Karagudari : adjacent to SH-137 : 17, 18 | 325,000 | 375,000 | 425,000 | 650,000 | | |
| 136 | ಕರೇಕುಟಾನಹಳ್ಳಿ | Karekyatanahalli | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 137 | ಕೆಲವರಕೊಪ್ಪ | Kelavarakoppa | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 138 | ಕಿರವಾಡಿ | Kirawadi | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 139 | ಕೋಡಿಯಲ್ಲಾಪುರ | Kodiyallapur | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 140 | ಕೋಣನಕೊಪ್ಪ | Konanakoppa | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|---|--|---------|---------|---------|---------|-------|-------|
| | 97, 98, 98ಎ, 99, 129, 130, 130ಎ, 146, 146ಎ, 147, 147ಎ, 148, 149, 150, 150ಎ, 152, 153, 153ಎ, 156, 157, 157ಎ, 157ಎ1, 162, 162ಎ, 166, 166ಎ, 195ಎ | 97, 98, 98A, 99, 129, 130, 130A, 146, 146A, 147, 147A, 148, 149, 150, 150A, 152, 153, 153A, 156, 157, 157A, 157A1, 162, 162B, 166, 166A, 195A | | | | | | |
| 22 | ಬಾಲಂಬೇಡ, ಗ್ರಾಮಕ್ಕೆ ಸಮೀಪದ ಎಸ್ಎಲ್-2ಗೆ ಹೊಂದಿದ ರಸ್ತೆಗಳು : 94, 96ಎ, 97ಎ, 99ಎ | Balambēd : nearby village & adjacent to SH-2 : 94, 96A, 97A, 99A | 325,000 | 400,000 | 425,000 | 650,000 | | |
| 23 | ಬಾಲಿಹಳ್ಳಿ | Balihalli | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 24 | ಬಾಲಿಹಳ್ಳಿ, ಎಸ್ಎಲ್-2ಗೆ ಹೊಂದಿದ ರಸ್ತೆಗಳು : 1, 17, 18ಎ, 18ಬಿ, 19, 36, 37, 38, 39, 60, 61, 62, 93, 94, 95, 96, 105, 106, 108ಎ, 108ಬಿ, 131, 132, 133, 141, 142, 143 | Balihalli : adjacent to SH-2 : 1, 17, 18A, 18B, 19, 36, 37, 38, 39, 60, 61, 62, 93, 94, 95, 96, 105, 106, 108A, 108B, 131, 132, 133, 141, 142, 143 | 250,000 | 275,000 | 325,000 | 525,000 | | |
| 25 | ಬಾಳೂರ | Balur | 250,000 | 300,000 | 325,000 | 500,000 | 1,100 | 1,400 |
| 26 | ಬಾಳೂರ, ಎಸ್ಎಲ್-1ಗೆ ಹೊಂದಿದ ರಸ್ತೆಗಳು : 18, 19, 20, 177 | Balur : adjacent to SH-1 : 18, 19, 20, 177 | 325,000 | 375,000 | 400,000 | 600,000 | | |
| 27 | ಬಾಳೂರ, ಎಸ್ಎಲ್-2ಗೆ ಹೊಂದಿದ ರಸ್ತೆಗಳು : 21, 23, 26, 28, 29, 30, 31 | Balur : adjacent to SH-2 : 21, 23, 26, 28, 29, 30, 31 | 325,000 | 375,000 | 400,000 | 600,000 | | |
| 28 | ಬಸಾಪುರ (ಮದರ) ಆಡೂರ | Basapur M Adur | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 29 | ಬಸಾಪುರ (ಮದರ) ನಿಡಸಂಗಿ | Basapur M Nidasangi | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 30 | ಬೆಳಗಾಲಪೇಟ | Belagalapet | 300,000 | 350,000 | 375,000 | 550,000 | 1,400 | 1,800 |
| 31 | ಬೆಳಗಾಲಪೇಟ, ಗ್ರಾಮಕ್ಕೆ ಸಮೀಪದ ರಸ್ತೆಗಳು : 1, 2, 13, 14, 15, 16, 17, 18, 47, 48, 66, 67, 68, 83, 84, 89, 90, 91 | Belagalapet : nearby village : 1, 2, 13, 14, 15, 16, 17, 18, 47, 48, 66, 67, 68, 83, 84, 89, 90, 91 | 350,000 | 400,000 | 450,000 | 650,000 | | |
| 32 | ಬೆಳಗಾಲಪೇಟ, ಎಸ್ಎಲ್-137ಗೆ ಹೊಂದಿದ ರಸ್ತೆಗಳು : 9, 10, 11, 23, 24, 26, 28, 29, 30 | Belagalapet : adjacent to SH-137 : 9, 10, 11, 23, 24, 26, 28, 29, 30 | 375,000 | 425,000 | 500,000 | 675,000 | | |
| 33 | ಬೆಳವತ್ತಿ | Belavatti | 200,000 | 250,000 | 275,000 | 450,000 | 1,000 | 1,200 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|--|---|---------|---------|---------|---------|-------|-------|
| 34 | ಬೆಲಾವತ್ತಿ, ಎಸ್‌ಎಲ್-137ಗೆ ಹೊಂದಿದ ರಿಸರ್ವ್‌ಗಳು : 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 84, 95, 97, 98, 99, 100, 101, 104, 105, 109, 145, 146, 147, 148, 149, 150, 155, 157, 158, 159, 160, 168 | Belavatti : adjacent to SH-137 : 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 84, 95, 97, 98, 99, 100, 101, 104, 105, 109, 145, 146, 147, 148, 149, 150, 155, 157, 158, 159, 160, 168 | 275,000 | 325,000 | 350,000 | 600,000 | | |
| 35 | ಬಿದರಕೊಪ್ಪ | Bidarakoppa | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 36 | ಬಿಂಗಾಪುರ | Bingapur | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 37 | ಬೊಮ್ಮನಹಳ್ಳಿ | Bommanahalli | 300,000 | 325,000 | 350,000 | 500,000 | 1,500 | 1,800 |
| 38 | ಬ್ಯಾಗವಾದಿ | Byagavadi | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 39 | ಬ್ಯಾತನಾಳ | Byatanal | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 40 | ಚಂದ್ರಗೇರಿ | Chandrageri | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 41 | ಚನ್ನಾಪುರ (ಮದರೆ) ಆಡೂರ | Channapur M Adur | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 42 | ಚೀರನಹಳ್ಳಿ | Cheeranahalli | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 43 | ಚಿಕ್ಕಹುಲ್ಲಾಳ | Chikkahullala | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 44 | ಚಿಕ್ಕಾಂಶಿ ಹೊಸೂರ | Chikkanshi Hosur | 225,000 | 250,000 | 300,000 | 450,000 | 1,200 | 1,500 |
| 45 | ಚಿಕ್ಕಾಂಶಿ ಹೊಸೂರ, ಎಸ್‌ಎಲ್-76ಗೆ ಹೊಂದಿದ ರಿಸರ್ವ್‌ಗಳು : 1, 2, 3, 4, 61, 62, 63, 67, 87, 88, 89, 90, 141 | Chikkanshi Hosur : adjacent to SH-76 : 1, 2, 3, 4, 61, 62, 63, 67, 87, 88, 89, 90, 141 | 275,000 | 325,000 | 375,000 | 600,000 | | |
| 46 | ಚಿಕ್ಕಾಂಶಿ ಹೊಸೂರ, ಗ್ರಾಮಕ್ಕೆ ಸಮೀಪದ ರಿಸರ್ವ್‌ಗಳು : 18, 20, 21, 22, 25, 26, 27, 28, 34, 35, 36, 42, 44, 51, 52, 53, 54, 65, 130, 140 | Chikkanshi Hosur : nearby village : 18, 20, 21, 22, 25, 26, 27, 28, 34, 35, 36, 42, 44, 51, 52, 53, 54, 65, 130, 140 | 275,000 | 300,000 | 325,000 | 525,000 | | |
| 47 | ಚಿಕ್ಕಾಂಶಿ ಹೊಸೂರ, ಗ್ರಾಮಕ್ಕೆ ಸಮೀಪದ & ಎಸ್‌ಎಲ್-76ಗೆ ಹೊಂದಿದ ರಿಸರ್ವ್‌ಗಳು : 5, 19, 23, 24, 55, 56, 64 | Chikkanshi Hosur : nearby village & adjacent to SH-76 : 5, 19, 23, 24, 55, 56, 64 | 325,000 | 375,000 | 425,000 | 650,000 | | |
| 48 | ಚಿಕ್ಕೇರಿ | Chikkeri | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 49 | ದಾಶರಾಥಕೊಪ್ಪ | Dasharathakoppa | 200,000 | 225,000 | 250,000 | 425,000 | 1,000 | 1,200 |
| 50 | ದೊಲ್ಲೇಶ್ವರ | Dolleshwara | 225,000 | 250,000 | 300,000 | 450,000 | 1,000 | 1,200 |

Name of Work: Conducting Detailed Survey using Modern Survey Techniques for Construction of Proposed 110KV DC Line on DC Towers from ongoing 110/11KV Balambeeda (Akkialur) S/S to Proposed 110/11KV Belagalpet S/S in Hanagal Taluk, Haveri District.



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NTS