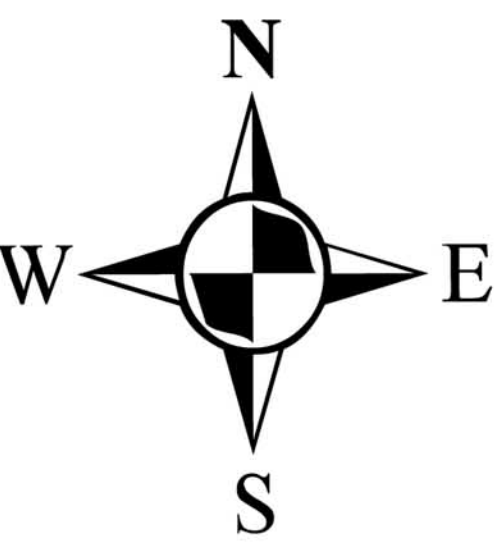


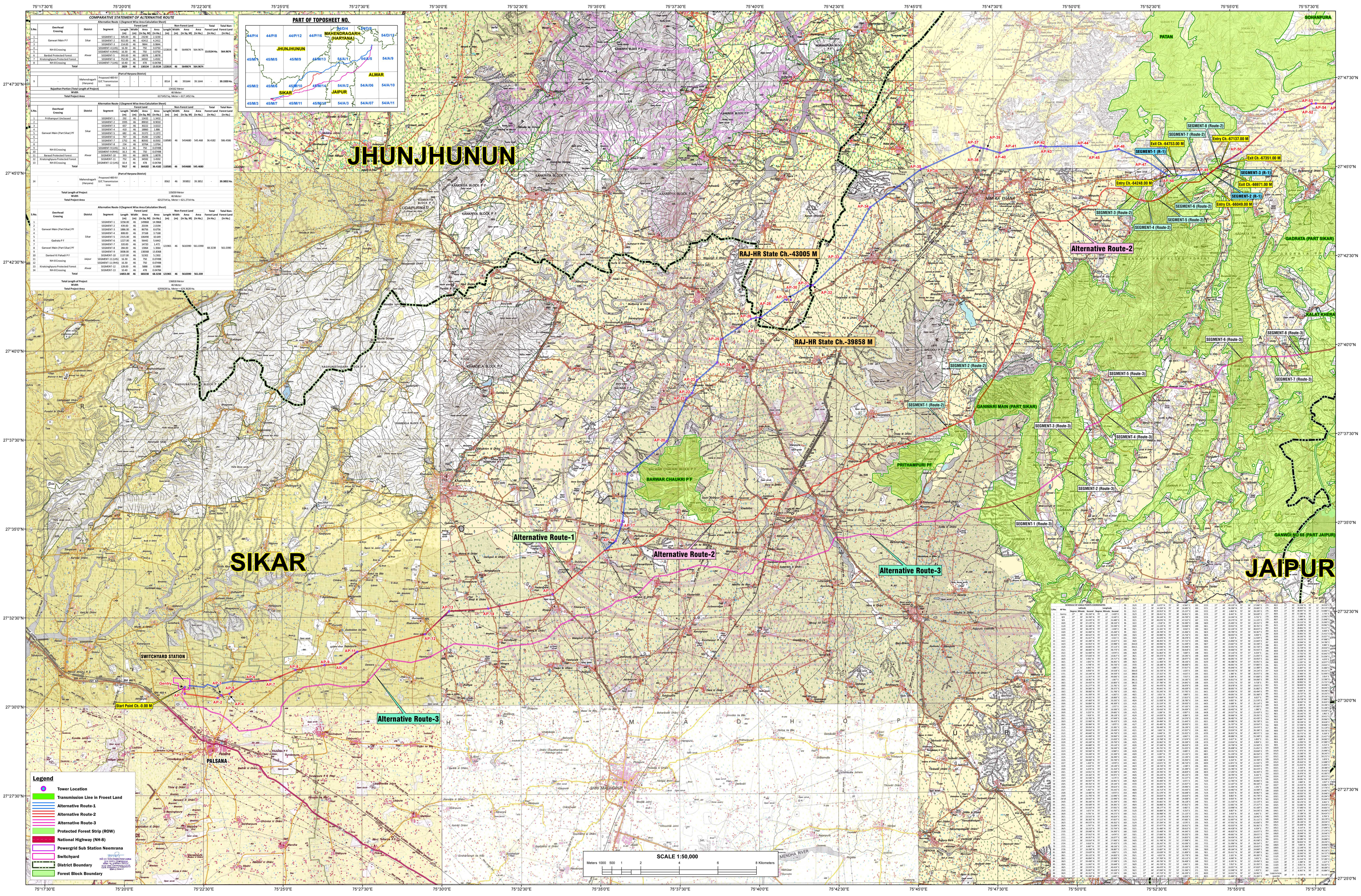
ALTERNATIVE ROUTE MAP SHOWING GEO-REFERENCE SURVEY OF INDIA TOPOSHEET WITH  
PROPOSED 400 KV D/C SIKAR-II - NEEMRANA TRANSMISSION LINE ALIGNMNT, REQUIRED FOREST LAND AND TOWER LOCATION

PART-1

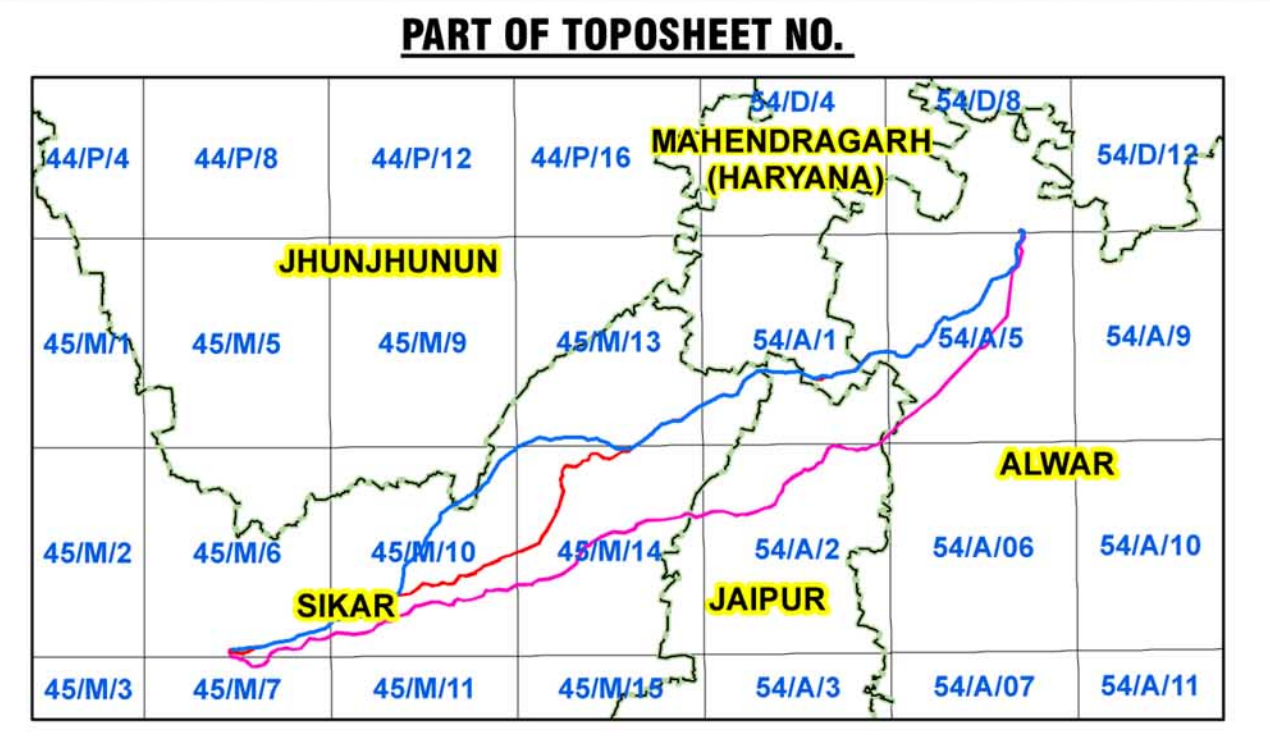


Full Title of the Project : "Construction of Sikar-II - Neemrana 400 KV D/C Transmission Line (Twin HTLS\*)"

Proposal No. : FP/RJ/TRANS/143945/2021      Applied Area : 13.0134 Ha. (Sikar Division= 7.5486 Ha. & Alwar Division = 5.4648 Ha.)



| COMPARATIVE STATEMENT OF ALTERNATIVE ROUTE                |                   |          |             |             |           |                 |           |         |                       |
|-----------------------------------------------------------|-------------------|----------|-------------|-------------|-----------|-----------------|-----------|---------|-----------------------|
| ALTERNATIVE ROUTE-1 (Segment Wise Area Calculation Sheet) |                   |          |             |             |           |                 |           |         |                       |
| S.No.                                                     | Overhead Crossing | District | Segment     | Forest Land |           | Non-Forest Land |           | Total   | Total Non-Forest Land |
|                                                           |                   |          |             | Length (m)  | Area (Ha) | Length (m)      | Area (Ha) |         |                       |
| 1                                                         | General Main F.F. | Sikar    | SEGMENT-1   | 1200.00     | 46.1200   | 1200.00         | 46.1200   | 2400.00 | 92.2400               |
| 2                                                         |                   |          | SEGMENT-2   | 1000.00     | 36.3600   | 1000.00         | 36.3600   | 2000.00 | 72.7200               |
| 3                                                         |                   |          | SEGMENT-3   | 800.00      | 29.0900   | 800.00          | 29.0900   | 1600.00 | 58.1800               |
| 4                                                         |                   |          | SEGMENT-4   | 600.00      | 21.8200   | 600.00          | 21.8200   | 1200.00 | 43.6400               |
| 5                                                         |                   |          | SEGMENT-5   | 400.00      | 14.5500   | 400.00          | 14.5500   | 800.00  | 29.0900               |
| 6                                                         |                   |          | SEGMENT-6   | 200.00      | 7.2700    | 200.00          | 7.2700    | 400.00  | 14.5500               |
| 7                                                         |                   |          | SEGMENT-7   | 100.00      | 3.6400    | 100.00          | 3.6400    | 200.00  | 7.2700                |
| 8                                                         |                   |          | SEGMENT-8   | 50.00       | 1.8200    | 50.00           | 1.8200    | 100.00  | 3.6400                |
| 9                                                         |                   |          | SEGMENT-9   | 25.00       | 0.9100    | 25.00           | 0.9100    | 50.00   | 1.8200                |
| 10                                                        |                   |          | SEGMENT-10  | 12.50       | 0.4500    | 12.50           | 0.4500    | 25.00   | 0.9100                |
| 11                                                        |                   |          | SEGMENT-11  | 6.25        | 0.2300    | 6.25            | 0.2300    | 12.50   | 0.4500                |
| 12                                                        |                   |          | SEGMENT-12  | 3.12        | 0.1100    | 3.12            | 0.1100    | 6.25    | 0.2300                |
| 13                                                        |                   |          | SEGMENT-13  | 1.56        | 0.0600    | 1.56            | 0.0600    | 3.12    | 0.1100                |
| 14                                                        |                   |          | SEGMENT-14  | 0.78        | 0.0300    | 0.78            | 0.0300    | 1.56    | 0.0600                |
| 15                                                        |                   |          | SEGMENT-15  | 0.39        | 0.0100    | 0.39            | 0.0100    | 0.78    | 0.0300                |
| 16                                                        |                   |          | SEGMENT-16  | 0.19        | 0.0050    | 0.19            | 0.0050    | 0.39    | 0.0100                |
| 17                                                        |                   |          | SEGMENT-17  | 0.09        | 0.0020    | 0.09            | 0.0020    | 0.19    | 0.0050                |
| 18                                                        |                   |          | SEGMENT-18  | 0.05        | 0.0010    | 0.05            | 0.0010    | 0.10    | 0.0020                |
| 19                                                        |                   |          | SEGMENT-19  | 0.02        | 0.0005    | 0.02            | 0.0005    | 0.05    | 0.0010                |
| 20                                                        |                   |          | SEGMENT-20  | 0.01        | 0.0002    | 0.01            | 0.0002    | 0.02    | 0.0005                |
| 21                                                        |                   |          | SEGMENT-21  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 22                                                        |                   |          | SEGMENT-22  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 23                                                        |                   |          | SEGMENT-23  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 24                                                        |                   |          | SEGMENT-24  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 25                                                        |                   |          | SEGMENT-25  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 26                                                        |                   |          | SEGMENT-26  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 27                                                        |                   |          | SEGMENT-27  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 28                                                        |                   |          | SEGMENT-28  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 29                                                        |                   |          | SEGMENT-29  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 30                                                        |                   |          | SEGMENT-30  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 31                                                        |                   |          | SEGMENT-31  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 32                                                        |                   |          | SEGMENT-32  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 33                                                        |                   |          | SEGMENT-33  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 34                                                        |                   |          | SEGMENT-34  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 35                                                        |                   |          | SEGMENT-35  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 36                                                        |                   |          | SEGMENT-36  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 37                                                        |                   |          | SEGMENT-37  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 38                                                        |                   |          | SEGMENT-38  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 39                                                        |                   |          | SEGMENT-39  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 40                                                        |                   |          | SEGMENT-40  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 41                                                        |                   |          | SEGMENT-41  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 42                                                        |                   |          | SEGMENT-42  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 43                                                        |                   |          | SEGMENT-43  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 44                                                        |                   |          | SEGMENT-44  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 45                                                        |                   |          | SEGMENT-45  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 46                                                        |                   |          | SEGMENT-46  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 47                                                        |                   |          | SEGMENT-47  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 48                                                        |                   |          | SEGMENT-48  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 49                                                        |                   |          | SEGMENT-49  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 50                                                        |                   |          | SEGMENT-50  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 51                                                        |                   |          | SEGMENT-51  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 52                                                        |                   |          | SEGMENT-52  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 53                                                        |                   |          | SEGMENT-53  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 54                                                        |                   |          | SEGMENT-54  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 55                                                        |                   |          | SEGMENT-55  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 56                                                        |                   |          | SEGMENT-56  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 57                                                        |                   |          | SEGMENT-57  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 58                                                        |                   |          | SEGMENT-58  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 59                                                        |                   |          | SEGMENT-59  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 60                                                        |                   |          | SEGMENT-60  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 61                                                        |                   |          | SEGMENT-61  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 62                                                        |                   |          | SEGMENT-62  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 63                                                        |                   |          | SEGMENT-63  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 64                                                        |                   |          | SEGMENT-64  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 65                                                        |                   |          | SEGMENT-65  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 66                                                        |                   |          | SEGMENT-66  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 67                                                        |                   |          | SEGMENT-67  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 68                                                        |                   |          | SEGMENT-68  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 69                                                        |                   |          | SEGMENT-69  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 70                                                        |                   |          | SEGMENT-70  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 71                                                        |                   |          | SEGMENT-71  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 72                                                        |                   |          | SEGMENT-72  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 73                                                        |                   |          | SEGMENT-73  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 74                                                        |                   |          | SEGMENT-74  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 75                                                        |                   |          | SEGMENT-75  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 76                                                        |                   |          | SEGMENT-76  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 77                                                        |                   |          | SEGMENT-77  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 78                                                        |                   |          | SEGMENT-78  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 79                                                        |                   |          | SEGMENT-79  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 80                                                        |                   |          | SEGMENT-80  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 81                                                        |                   |          | SEGMENT-81  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 82                                                        |                   |          | SEGMENT-82  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 83                                                        |                   |          | SEGMENT-83  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 84                                                        |                   |          | SEGMENT-84  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 85                                                        |                   |          | SEGMENT-85  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 86                                                        |                   |          | SEGMENT-86  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 87                                                        |                   |          | SEGMENT-87  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 88                                                        |                   |          | SEGMENT-88  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 89                                                        |                   |          | SEGMENT-89  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 90                                                        |                   |          | SEGMENT-90  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 91                                                        |                   |          | SEGMENT-91  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 92                                                        |                   |          | SEGMENT-92  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 93                                                        |                   |          | SEGMENT-93  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 94                                                        |                   |          | SEGMENT-94  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 95                                                        |                   |          | SEGMENT-95  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 96                                                        |                   |          | SEGMENT-96  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 97                                                        |                   |          | SEGMENT-97  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 98                                                        |                   |          | SEGMENT-98  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 99                                                        |                   |          | SEGMENT-99  | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |
| 100                                                       |                   |          | SEGMENT-100 | 0.00        | 0.0000    | 0.00            | 0.0000    | 0.00    | 0.0000                |



- Legend
- Tower Location
  - Transmission Line in Forest Land
  - Alternative Route-1
  - Alternative Route-2
  - Alternative Route-3
  - Protected Forest Strip (ROW)
  - National Highway (NH-6)
  - Powergrid Sub Station Neemrana
  - Switchyard
  - District Boundary
  - Forest Block Boundary





ALTERNATIVE ROUTE MAP SHOWING GEO-REFERENCE SURVEY OF INDIA TOPOSHEET WITH  
PROPOSED 400 KV D/C SIKAR-II - NEEMRANA TRANSMISSION LINE ALIGNMENT, REQUIRED FOREST LAND AND TOWER LOCATION

Full Title of the Project : "Construction of Sikar-II - Neemrana 400 KV D/C Transmission Line (Twin HTLS\*)

Proposal No. : FP/RJ/TRANS/143945/2021 Applied Area : 13.0134 Ha. (Sikar Division= 7.5486 Ha. & Alwar Division = 5.4648 Ha.)

PART-2

