

## प्रारूप-13


Performa for comparison between identified alignments

S.N	Variables	Alignment No-1	Alignment No-2
1	Topography	This alignment start from km 16 of Fatehpur -Lansdowne m/r.	This alignment start from km 16 of Fatehpur-Lansdowne m/r.
2	Length of Road	4.00Km	4.00Km.
3	Bridging requirement No. and Length	Nil	Nil
4	Geometric		
	(a) Gradients	1:14,1:15,1:16.1:18, 1:20,1:22 Fall	1:16, 1:18, 1:24 Fall
	(b) Curves, H.P Bends	15 H.P Bend	15 H.P Bend
5	Existing Means of communication, mule path, jeep, Tracks etc.	2.325 LVR	Nil
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	Road passing through middle & hill forest land & cultivated land & any ther mountins and structure.	Road passing through middle & hill forest land & cultivated land & any ther mountins and structure.
7	(a) Terrain & Soil Condition.	Hilly tarain field local villages	Hilly tarain field local villages
	(vi) Cliffs and gorges.(vii) Drainage characteristics of the area including supceptibility to flooding .(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends.(ix) Variations extants and types.	Nil	Nil
8	Climate Condition:(a) Temperature Monthly max. & min. reading.(b) Rainfall data average annual peak intensities monthly distribution (to the extent available) .(c) Snowfall data average annual peak intensities monthly distribution (to the extent available) .(d) Wind direction and velocities.(e) Fog Condition.(f) Exposure to sun.(g) Unusual weather condition like cloud brust etc.	(a)Temperature mently max 25°C. (b)Temperature mently min 4°C (c) No Snow fall	
9	Facilities resources. (a) Landing ground. (b) Dropping Zone. (c) Food stuffs. (d) Labour local availability and need for import. (e) Construction material (Timber, Bamboo, Sand, Stone,Shingle etc. extent of their availability and lead involved.	Nil Nil Nil Available Available	Nil Nil Nil Available Available
10	Value of land,agricultural land, Irrigated land, bult up land, forest land etc,	15.00 Lacs.	16.00 Lacs.


11	Approximate Const. Cost.	140.00 Lacs	140.00 Lacs
12	Access point indicating possibility of induction of equipment.	Nil	Nil
13	Period required for construction.	One Year	One Year
14	Strategic Consideration.		
15	Important villages, towns and markets centers to be connected.	Barswar, Goyun, Jariyana	Barswar, Goyun, Jariyana
16	Recreational potential.	Nil	Nil
17	Economic Factors: (a) Population served by the alignment.	The proposed alignment linked up Fatehpur-Lansdowne m/r.	The proposed alignment linked up Fatehpur-Lansdowne m/r.
	(b) Agricultures and economic potential of the area.	Nil	Nil
18	other major development projects being taken up electric projects etc.	Nil	Nil
19	(i) Misc. Such as camping sites (ii) Law and other problem (iii) Royalty	Nil Nil Nil	Nil Nil Nil
	(iv) Availability of contractors for collection and carriage of construction material	Available	Available
	(v) working period available for construction of work.	One Year	One Year
20	Total No. of trees to be removed .	58	82
21	Average Density of forest cover .		
22	Total No. of Merits	3	3
23	Total No. of Demerits	Nil	3

#### RECOMMENDATIONS:

Alignment no. ( ) Recommended for approval being more economical, useful & technically feasible.

  
A. Assistant. Engineer/J.E.  
P.WD./UA

  
Assistant Engineer  
P.WD./UA

  
Executive Engineer  
P.W.D./UA