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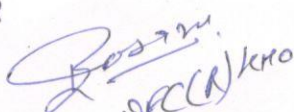
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JUSTIFICATION FOR THIS SURVEY REPORT

- 1.0 General: - With Reference to 9Th RTPC letter No.4-23/2012-TP/9Th RTPC dated 27/06/2016, Annex IX, Haryana B-5 it was decided to complete the survey to lay new O F Cable route alternate path from KAITHAL T.E to CHEEKA T.E OFC scheme. The OFC route is required between KAITHAL T.E and CHEEKA T.E for new upcoming systems on priority basis. Therefore an alternate route is planned and surveyed accordingly for this section.
- 2.0 In accordance, the Survey of KAITHAL T.E to CHEEKA T.E, OFC alternate route work was undertaken jointly by Sh. Harish Kumar DE TP, Ambala, Sh. Sachin Kumar Sharma JTO TP Ambala along with DE (NTR) KARNAL and SDE (NTR) KAITHAL.
- 3.0 The new 48 Fiber OFC will connect Telephone Exchange KAITHAL and T.E CHEEKA.
- 4.0 As per the minutes of NTP and NTR coordination meeting held on 20-05-2014 at Ambala conveyed vide Addl. GMM NTR AB vide letter No.7-22/comp/AB/2014-15 dated 21/06/14, Hand Holes will be constructed at every 400M on regular OFC route where the work is executed with HDD method. A loop of 20M OF cable will be kept in each Hand Hole.


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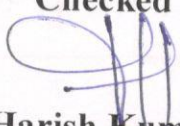

J.T.O. (T.P.)
B.S.N.L.
AMBALA


5.0 The Proposed OFC Cable will be laid from KAITHAL T.E to CHEEKA T.E . Proposed OFC will be laid on the extreme edge of the road boundary through PLB pipe with HDD in built up area. Soil is soft & no difficulty is anticipated in trenching and Cable Blowing. Double PLB will be laid from Kaithal T.E to Vishwa Karma Chowk. One PLB will be used for Kaithal to Cheeka OFC route and second PLB will be used for Kaithal-Ambala OFC route. The OFC route from Kaitha to Pheowa has already been included in commissioning plan of NTR for the year 2018-19. In built up area/water logged/encroached 13.21 KM HDD and remaining 20.19 Km will be executed by open trenches. The detail is as follows.

1	HDD(Single Pipe)	=	9.41KM.
2	HDD(Double Pipe)	=	3.8 KM
2	Open trench	=	20.19KM
3	G.I on Culverts	=	0.1KM

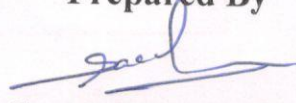

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Checked By


Harish Kumar
DETP, Ambala


JTO, OFC(R) 12/10

Prepared By


Sachin Kumar Sharma
JTO TP, Ambala