

Government of India
Ministry of Road Transport & Highways

Transport Bhavan,
1, Parliament Street,
New Delhi-110 001

No. NH-12037/18/2013-UR/NH-II (Vol. 5)

Dated: 28th March, 2015

To

The Chief Engineer (Project Shivalik),
Border Roads Organization,
IDPL Complex, Virbhadra
Rishikesh, Uttarakhand

The Engineer Liaison Officer,
Ministry of Road Transport & Highways,
C/o the Chief Engineer (National Highways),
Uttarakhand PWD, Yamuna Colony,
Dehradun- 248 001

Sub.: Draft Feasibility Report (DFR) for rehabilitation and up-gradation to 2 lane / 2 lane with paved shoulders configuration & strengthening from Km 144.00 (Dharasu bend) to 220.00 (Yamunotri) of NH-94 in Uttarakhand.

Sir,

It is with reference to ELO, MORT&H, Dehradun letter No. ELO/UR/DPR/4-DHAM/2014-15/DFR/P-5 dated 26.03.2015 and CE (NH), Uttarakhand PWD letter No. 1075/84-NH(UA)/2014 dated 18th March, 2015 recommending the Draft Feasibility Report (DFR) for rehabilitation and up-gradation of the road mentioned above as received from the Consultant, M/s. MC Consulting Engineers Pvt. Ltd., Ghaziabad letter dated 23rd March, 2015. It is reported that the Consultant, M/s. MC Consulting Engineers Pvt. Ltd., vide its letter dated 22nd September, 2014 had earlier submitted DFR to MoRT&H. To cross-check the alignment proposal at site, a Joint site inspection consisting of the Project Coordination Consultant (PCC) M/s SAI Consulting Engineers Pvt. Ltd., Noida (U.P.), and PWD Engineers was conducted on 18th to 19th October, 2014. Thereafter, the DFR was examined in view of site-inspection and some observations were raised by the PCC vide email dated 14th October, 2014. Now, the compliance submitted by the Consultant has been examined by PCC and PCC has recommended the same for approval of MoRT&H vide their letter dated 26.03.2015.

2 Before moving ahead for study by the consultant as per Terms of Reference (TOR), alignment under DPR has been examined as per guidelines of relevant IRC codes & Ministry's guidelines regarding geometrics in the Ministry in consultation with the Consultant and ELO, Dehradun and 'in principle' approval is given herewith subject to the following observations:-

2.1 The consultant has proposed realignment at Radi Top from design chainage 25.05 to 49.950 with 5 km long tunnel. With the construction of this alignment, snow-bound area at Radi Top will be avoided and the proposed road will become all-weather road. The total saving in length is 5 km. The proposal of realignment at Radi Top has been discussed in various meetings based on site condition and is acceptable based on its merit. The consultant, however, needs to carry out detailed sub-soil investigations along the route as well as identify the type of forest land facilitating early execution of work along the proposed realignment.

Recd on - 27.04.2015

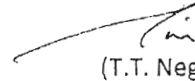
[Signature]

2.1 The consultant has intimated that the horizontal profile in as many as 257 locations and vertical profile in 87 locations cannot be improved to the standards stipulated for National Highway in steep terrain due to various reasons including huge cutting / filling involved and land acquisition, etc. These figures seem to be quite on the higher side defeating the very purpose of consultancy work for preparation of DPR to have a sustainable and sound alignment of the National Highway. In order not to delay the work, it is accepted. During scrutiny of the profile of the road, it is observed that the number of locations mentioned above can be improved to avoid geometric deficiencies.

2.2 Before going ahead for further study as per the agreement, the consultant may review these 257 and 87 locations and improve the profile to the extent possible. The action taken by the design consultant may be intimated to the Ministry and the State PWD before going ahead with further study with respect to the alignment.

Yours faithfully,

o/c


(T.T. Negi)

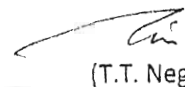
Superintending Engineer

For Director General (Road Development) & Spl. Secy.

Copy to:

Regional Officer, Ministry of Road Transport & Highways, Bio-tech Chowk, Lucknow Ring Road, Vikas Nagar, Lucknow-226 022.

o/c


(T.T. Negi)

Superintending Engineer

For Director General (Road Development) & Spl. Secy.