

अधिशाली अभियंता

पी०आई०यु० दुगड्डा, जनपद-पौड़ी गढ़वाल

Ref. No. : 447/PMGSY/2020/74

Date : 24 sept.2020

To,

The Nodal Office
Indranagar forest colony
Dehradun, UK.

Subject: Regarding Naudkhal mala km 7 to kota Motor road under PMGSY Proposal No. 6
FP/UK/ROAD/41674/2019

Ref No. : EDS Dated : 19 / 09 / 2020

Dear Sir,

In reference to above mentioned letter the shortcoming has been shorted by User Agency which is given below;

The shortcoming in proposal has been rectified as follows

1. In form A part II, the SIR uploaded at the end of the DFO is incomplete, please upload the complete SIR by mentioning comments in all relevant column (by taking into account the conditions laid down by NBWL recommendation)
Action Taken: Correction will be made by DFO in part II SIR
2. User agency has to submit the certificate of commitment that it will comply all the condition as cited in the recommendation of NBWL
Action Taken: certificate of commitment that UA will comply all the condition as cited in the recommendation of NBWL is uploaded as additional information in part I
3. Wildlife mitigation plan if needed for some to be prepared and uploaded as additional information
Action Taken: The NBWL has recommended the road with NTCA recommendations for project with conditions and mitigative measures. Documents regarding this concern is uploaded as additional information in part I
4. Girth wise and species wise enumeration as mentioned in form A part II not matched with the details mentioned in the uploaded tree list; although the total number of trees in same i.e, 215
Action Taken: Correction will be made by DFO in part II

Thanking you,

Regards,

[Signature]
PIU
PMGSY DUGADDA
PAURI GARHWAL (UK)
PIU Dehradun PMGSY works,
Pauri Garhwal

✓ CC: DCF, RTR Dehradun

Project Office: PIU- DUGADDA, PMGSY works , Near Rasta cafe Vill.aamsaur , P.O.: Dugadga

Distt. Pauri Garhwal Email: npccdugadga@gmail.com

Zonal Office : 98, Nehru colony, Dehradun, Uttarakhand 248001 Email: npccnwz@gmail.com

Tel. No. 0135- 2675725

अधिशालसी अभियंता

2

पी०आई०यु० दुगड्डा ,जनपद- पौड़ी गढवाल

Ref. No. : 447/PMGSY/2020/ 72

Date : 24 sept. 2020

Name of Work: Construction of Naudkhal mala km 7 to kota MR under PMGSY Works

Certificate of Commitment by UA

It is to certify that User Agency is committed to comply all the conditions which are cited in the recommendation of NBWL Letter F.no. 6-154/2019 WL Dated 21/01/2020 sub para 56.4.2 (copy enclosed)

All the mentioned conditions will be taken into consideration while construction of road.

Shubham
(SE)

Jagindar
PIU
PMGSY DUGADDA
PAURI GARHWAL (UK)

अधिशाली अभियंता

3

पी०आई०यु० दुगड्डा, जनपद- पौड़ी गढ़वाल

Ref. No. : 447/PMGSY/2020/13

Date : sept.2020

Name of Work: Construction of Naudkhal mala km 7 to kota MR under PMGSY Works

In NBWL Clearance the NTCA has recommended the project Construction of Naudkhal mala km 7 to kota MR under PMGSY Works with the certain condition and the mitigative measures. All those measures will be taken into consideration and the construction will be done implementing all the mentioned mitigated measures (copy enclosed).

The user agency will construct speedbreakers,rumble strips,signage and caution boards,animal passage culverts etc as mentioned in mitigative measures and for any other mitigative measures UA will provide fund to forest department as per there need and demands to follow mitigative measures.

Thanking you

Shubham
(AE)

joindal
PIU
PMGSY DUGADDA
PAURI GARHWAL (UK)

Further the IGF(WL) stated that the State Board for Wild Life has recommended the proposal in its meeting held on 31/08/2019.

The NTCA has recommended the project with following conditions and mitigative measures

- (i) The width of the road within the stretch of Rajaji Tiger Reserve (buffer area) should be 5m including carriage-way and paved shoulders since it is a village road for providing connectivity to the villagers for transport of their agriculture produce, marketing etc.
- (ii) Legal status of the road passing through the Forestland shall remain unchanged.
- (iii) No existing drainage system should be disrupted by the user agency for constructing the road.
- (iv) Construction work should be during daytime and no night camp of labours and contractor/user agency officials inside or within 2 km of forestland should be allowed. User agency should also monitor that no labor gets involved in extraction of forest products. Local RFO and forest staff should pay regular and sudden visits to the construction sites for monitoring these activities.
- (v) The materials for road works (including the top soil) should be procured from outside the forest areas. The user agency should not use any fire hazardous materials, machinery, polythene bags etc. during the road work. There will be no felling of trees and burning of fuel wood inside the tiger reserve area.
- (vi) Once the road is constructed, traffic volume will inevitably increase and may cause wildlife mortality. Therefore, the user agency should put speed breakers and/or rumble strips at an interval of every 400-500 meters along the entire stretch of the road. Exact placement of these structures should be on those areas where wildlife crossings are maximum and should be decided after consulting the tiger reserve management. No blasting will be carried out within 1 km from the boundary of Protected Area during the work.
- (vii) Vehicular movement at nights and plying of heavy commercial vehicles shall not be permitted by the tiger reserve management, except on emergencies.
- (viii) Signage and caution boards should be placed at regular intervals for spreading awareness messages.
- (ix) User agency should construct animal passage culverts with a dimension of least 5m height from the ground level of adjoining forest areas and 40-50 m width with a minimum openness ratio of 1.2, as recommended by the NTCA-WII guidelines for allowing species like tigers to cross the road without much hindrance. User Agency should carry out a fresh survey with the tiger reserve management to ascertain the placement to these structures and shall try to ensure that at least 20% of the total road length should be under these structures.
- (x) For use of the forest land the user agency will obtain permission/approval under Forest Conservation Act, 1980 from the competent authority before start of project work as per the Hon'ble Supreme Court order dated 28.03.2008 and 3/2007-FC dated 05.02.2009. Trees which need to be cut should be marked on ground before the construction works start and local forest officials should strictly monitor cutting/felling of these trees.

- (xi) The Chief Wildlife Warden, Uttarakhand should set up a monitoring committee with representatives of Rajaji Tiger Reserve, User Agency and this Authority to oversee effective implementation of the suggested mitigation measures suggested as above.

After discussions, the Standing Committee decided to recommend the proposal subject to the conditions that

- (a) Permission for starting the work on the project shall be granted by the State Government only when road design is modified as per animal passage plan prepared by the project proponent in consultation with the State Chief Wildlife Warden on the basis of WII guidelines named *Eco-friendly Measures to Mitigate Impacts on Linear Infrastructures on Wildlife*.
- (b) Human - wildlife conflict mitigation plan providing for regular manual patrolling of the stretch will be prepared and implemented by the State Forest Department at the project cost.
- (c) The project proponent will comply with all the conditions imposed by the NTCA.
- (d) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wildlife Warden and an annual compliance certificate shall be submitted by the State Chief Wildlife Warden to Govt. of India.

Subhan
(AE)

Prajinder
PIU
PMO, DUGADDA
PAURI GARHWAL (UK)

अधिकाशासी अधिकायंता

पी०आई०यु० दुगडा , जनपद- पपपप पपपपप

Ref. No. : 447/PMGSY/2020/72

Date : 24 sept 2020

Name of Work: Construction of Naudkhal Mala 7.0 km to Kota Motor Road Stage I under PMGSY

Wild life Mitigation plan as per NBWL

In 56th Meeting of the standing Committee of NATIONAL Board for Wild life dated 17.12.2019 NTCA has recommended the project Construction of Naudkhal mala km 7 to kota MR under PMGSY Works with **MITIGATIVE MEASURE** as follow which has to be furnished by the user Agency before stat of work.

- The width of road within stretch of Rajaji Tiger Reserve (buffer area) will be 5m including carriage way and paved shoulder (mentioned in point(i) of NBWL)
- No existing drainage system should be disturbed while construction the road (mentioned in point (iii) of NBWL).
- Construction work will be done during day time only. (Mentioned in point (iv) of NBWL).
- The material for road works(including top soil) will be procured from outside forest area and no hazardous material will be used during construction (Mentioned in point (v) of NBWL).
- User agency will provide speed breakers and rumble strips at the interval of every 400-500 meter along the stretch of road to reduce traffic volume and speed. The speed breaker and rumble strip will be provided at maximum wildlife crossings and no blasting will be carried out within 1km of boundary of protected area(Mentioned in point (vi) of NBWL).
- No vehicular movement will be allowed at night which would be permitted at emergency case by tiger reserve management (Mentioned in point (vii) of NBWL).
- Signage and caution board will be provided by user agency for spreading awareness (Mentioned in point (viii) of NBWL).
- Animal passage culvert with dimension of least 5m height and 4.0-5.0m width with minimum opening 1.2 as per recommended by NTCA-WII guidelines for allowing spices like tiger to cross road will be constructed and location of these structure will be decided with fresh survey with tiger reserve management before start of work.(Mentioned in point (viii) of NBWL).At least 20% road will be covered with these type of structure.

These above mitigation measure will be done by user agency before start of work on the basis of WII Guild lines.

[Signature]
PIU
PMGSY DUGADDA
PAURI GARHWAL (UK)

अधिशसी अधियंता

पी०आई०यु० दुगडा , जनपद- पपप पपपप

Ref. No. : 447/PMGSY/2020/72

Date : 24 sept.2020

Name of Work: Construction of Naudkhal Mala 7.0 km to Kota Motor Road Stage I under PMGSY

CERTIFICATE BY USER AGENCY

User agency is ensuring to follow all wild life mitigation measures as cited in the recommendation of NBWL Letter F.no. 6-154/2019 WL Dated 21/01/2020 sub para 56.4.2 before start of work and the approval for structure and its estimate will be taken from state chief wild life before commencement of work after fresh survey with tiger management team after obtaining In- principle of land transfer case.

Joginder
PIU
PMGSY, DUGADDA
PAURI GARHWAL (UK)