

OFFICE OF THE CHIEF ENGINEER, NATIONAL HIGHWAYS, ODISHA
NIRMAN SOUDHA, OLD BUILDING (1ST FLOOR), KESHARI NAGAR, UNIT-5
BHUBANESWAR-751001

Letter No.

2280

Dated:

8/9/2020

From

Shri Ranjit Kumar Sahu,
Chief Engineer, N.Hs. Odisha.

To

The Executive Engineer,
National Highway Division, Sambalpur.

Sub: Widening of 2 lane to 2 lane with paved shoulder from km 58/0 to 116/100
km of NH-153(B) under EPC-Authorization for submission of online
application for "Diversion of Forest Land" regarding.

Ref: E.E. N.H. Division, Sambalpur Letter No.1570 dt:07.09.2020.

Sir,

The Executive Engineer, N.H. Division, Sambalpur is hereby authorized to
file on-line application for Diversion of Forest Land on behalf of the undersigned
for the work "Widening of 2 lane to 2 lane with paved shoulder from km 58/0 to
116/100 km of NH-153(B) under EPC mode"

Yours faithfully,


CHIEF ENGINEER (NHS), ODISHA

Memo No. 2281 /Dated: 8/9/2020

Copy forwarded to the Superintending Engineer, N.H. Circle, Sambalpur
for information and necessary action.


CHIEF ENGINEER (NHS), ODISHA

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
(PROJECT-5)

NO.RW/NH-12014/41/2016-ORS/P-5

DELHI, the 20th December, 2016

To

The Secretary to the Govt. of Orissa,
Sachivalaya
Public Works Department,
BHUBANESWAR

SUBJECT:- Widening & strengthening of 2 lane to 2 lane with paved shoulder from km:58/00 to 116/100 km. of NH-153(B) in the state of Odisha on EPC mode.

(Job No.153(B)-ORS-2016-17-591)

Sir,

I am directed to refer to Chief Engineer (NHs) PWD, Orissa letter No.WB IB-SBPR-R-04/16/8193 dated 29.8.2016 and WB IB-SBPR-04/16/1345 dated 28.10.2016 on the above mentioned subject forwarding therewith an estimate amounting to Rs 20688.16 lakh for the above mentioned work and to convey the administrative approval and technical & financial sanction of the President of India to the Estimate amounting to Rs.20688.16 lakh (Rupees Two hundred six crore eighty eight lakh and sixteen thousand only) subject to the condition stipulated in the enclosed Technical Note.

(i) Amount as indicated in the estimate sent by the state CE(NH), Odisha	(Rs. in lakh)
(ii) Amount modified by the Ministry	Rs. 20688.16
(iii) Amount of technical sanction	Rs. 20688.16
(iv) Amount of financial sanction	Rs. 20688.16

(Rupees Two hundred six crore eighty eight lakh and sixteen thousand only)

2. The sanction is further subject to the following conditions:

- The work should be completed as targeted. As such there shall not be any cost over-run due to time over-run;
- The following physical and financial targets shall be strictly adhered to and depending upon the availability of funds.

Year	Cumulative Progress		
	Physical in %age	Financial (Rs. In lakhs)	
2016-17	10%	1988.33	Construction period
2017-18	70%	13918.29	
2018-19	100%	19883.28	
2019-20	1 st year	19963.77	Maintenance period
2020-21	2 nd year	20124.75	
2021-22	3 rd year	20366.21	
2022-23	4 th year	20688.16	

actual execution of work and shall ensure that suitable instructions are issued to all Field Officers in this regard.

- (x) It must be ensured that the contractor arranges for separate land for storage of road construction material and machinery and these shall not be allowed to be stacked on roadside.
 - (xi) Bitumen used for the work shall be heated in boilers only and not in drums on open fire. Spraying of bitumen wherever necessary should be done only with the mechanical sprayers and premixing of bitumen and stone aggregates should be done only in the proper mechanical mixer/hot mix plant.
 - (xii) CVC guidelines in tendering may be followed.
 - (xiii) Video/photo records of the road, before/during & after the execution of work shall be made available in the Ministry/RO Bhubaneswar.
17. Phasing of work: Following cumulative physical and financial targets may be achieved subject to the availability of funds.

Financial Year	Physical (%)	Financial (Rs. in lakh)	
2016-2017	10 %	1988.33	Construction period
2017-2018	70%	13918.29	
2018-2019	100%	19883.26	
2019-2020	1 st year	19963.77	Maintenance period
2020-2021	2nd year	20124.75	
2021-2022	3rd year	20366.21	
2022-2023	4 th year	20688.16	


(Kalim Akhtar)

Graduate Engineer (P-4) - Odisha
For Director General (Road Development) & SS

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
TRANSPORT BHAWAN

No. RW/12014/41/2016/ORS/P-5

New Delhi: 20th December, 2016

TECHNICAL NOTE
(Job No. 153(B)-ORS-2016-17-)

1.	Name of work	:	Widening & Strengthening of two lane to two lane with paved shoulder from km. 58/00 to 116/100 km. of NH-153(B) in the state of Odisha on EPC mode.	
2.	State & Division	:	Odisha/ NH Division Sambalpur	
3.	NH No.	:	NH-153(B)	
4.	Estimated cost	:	As proposed by State PWD (Rs. In lakhs)	As modified/allowed in the RW (Rs. In lakhs)
			20688.16	20688.16
5.	Length (km.)	:	58.100	58.100
6.	Rate per km (Rs. in lakh)	:	356.08	356.08
7.	Reference	:	CE (NH) Odisha letter no. WB 1B-SBPR-R-04/16-8193 dated 29.08.2016 & 28/10/2016	

COMMENTS

1. Scope of work: Widening existing 2 lane to 2 lane with 1.5 m wide paved shoulder from km 58/00-116/100 of NH 153(B).

2. Provisions allowed:

2.1 For widening & Strengthening:

Sl No.	TCS No.	Existing crust	Widening (in mm)	Overlay on existing CW (in mm)
1	TCS - I	Bituminous: 75 mm WBM: 250 mm GSB: 210 mm <u>GSB(Up to slope): 210 mm</u> Total: 535 mm	BC: 40 mm DBM: 85 mm WMM: 250 mm <u>GSB: 200 mm</u> Total: 575 mm	BC: 40 mm
2	TCS-II	Cement concrete pavement portion PQC: 250 mm DLC: 150 mm <u>GSB: 200 mm</u> Total: 600 mm	PQC: 250 mm DLC: 150 mm <u>GSB: 200 mm</u> Total: 600 mm	
3	TCS-III	Raising portion for entire 10 m CW	BC: 40 mm DBM: 85 mm WMM: 250 mm <u>GSB: 200 mm</u> Total: 575 mm	
4	TCS-IV	Cutting portion for entire 10 m CW	BC: 40 mm DBM: 85 mm WMM: 250 mm <u>GSB: 200 mm</u> Total: 575 mm	