



GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
(EAP Zone)

Transport Bhavan,
1, Parliament Street,
New Delhi-110001
Dated: April, 2020

No. RW/NH-12014/06/2020/UP/Package IV/EAP

To

Regional Pay & Accounts Officer,
Ministry of Road Transport and Highways,
Lucknow, Uttar Pradesh.

Subject: Rehabilitation and Upgradation to 2-lane with paved shoulders configuration of Radhaita to Pilibhit Section of NH-731K (Km 137.250 to Km 183.380) (Package-IV) in the State of Uttar Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode- Reg.

(Job No.NHIIP-2020-21-189)

Reference: Ministry's OM no. NH-24020/ 09/2016-EAP dated 18.03.2020.

Sir,

With reference to Ministry's OM cited under reference above, I am directed to convey the administrative approval, technical approval and financial sanction of the President of India to the estimate for the work mentioned in the subject heading as per the following details, subject to the conditions stipulated herein and in the attached technical note:

Sr. No.	Description	Amount (in Rs. Crore)
(i).	Civil Cost (as per SOR 2016-17 updated to 2019)	153.90
(ii).	GST	10.77
(iii).	Contingency	4.31
(iv).	Establishment Charges for PIU	4.62
(v).	Maintenance Cost	3.85
(vi).	Escalation during Construction	11.54
	Sub Total	188.99
	(Rupees One hundred eighty eight crore and ninety nine lakhs only)	
(vii).	Utility Shifting Cost	10.40
	(Rupees Ten crore and Forty lakhs only)	
	Total	199.39
	(Rupees One hundred ninety nine crore and thirty nine lakhs only)	

2. The above expenditure is debitale as per following:

Page 1 of 2

[Handwritten Signature]
19/4/2020

[Handwritten Signature]
Ashish Shukla
Project Director
PIU MoRT&H, Shahjahanpur
5/9/20

For amount mentioned in Sr. No. (i), (ii), (iii), (iv), (v) & (vi) above		
	Share	Expenditure to be booked under heads
Civil cost including centages i.e. Rs. 188.99 crore	50%	5054 Capital outlay on Roads & Bridges (Major Head); 01.337-Road Works (Minor Head); 01 Works under Road Wing; 01.11 Externally aided Schemes-World Bank; 01.11.53-Major Work
	50%	5054 Capital outlay on Roads & Bridges (Major Head); 01.337-Road Works (Minor Head); 01 Works under Road Wing; 04.07 Counterpart fund for Externally aided Schemes-World Bank; 04.07.53-Major Work
For amount mentioned in Sr. No. (vii) above		
Utility Shifting Cost i.e. Rs. 10.40 crore	100%	5054 Capital outlay on Roads & Bridges (Major Head); 01 National highway (sub Major Head) 01.337 Road Works (Minor Head); 03 National highways Original Works; 03.01 Works financed from Central Road Infrastructure Fund 03.01.53 Major Works

Corresponding Demand No. 84 of Ministry of Road Transport & Highways for the Financial Year 2020-2021.

3. The Regional Officer, Lucknow, Ministry of Road Transport and Highways will be the Drawing and Disbursing Officer for the purpose of payment of this amount.

4. Following phasing of physical and financial targets is indicated for compliance subject to availability of funds:-

Year	Cumulative Progress	
	Physical phasing	Financial phasing
	(%)	(Rs. in Cr.)
2020-21(Construction period)	20%	39.11
2021-22(Construction period)	70%	136.88
2022-23(Construction period)	100%	195.54
2023-28 (Maintenance Period)	100%	199.39

5. This issues with the concurrence of Finance Wing vide their Note # 4 dated 15.04.2020.

Yours faithfully,

(S.K.Makkar)

Under Secretary to the Government of India

Copy to:-

1. The Principal Director of Audit, Economics & Services Ministries, AGCR Building, New Delhi-110001.
2. PAO(NH), Office of Controller of Accounts, IDA Building, Jamnagar House, New Delhi-110011.
3. Regional Officer, Ministry of Road Transport and Highways, Lucknow, Uttar Pradesh.

(S.K.Makkar)

Under Secretary to the Government of India

RW/NH-12014/06/2020/UP/Package IV/EAP
GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
(EAP Zone)
Transport Bhawan, 1, Parliament Street, New Delhi-110 001

Date: 16.04.2020

Technical Note

1.	Name of work	Rehabilitation and Upgradation to 2-lane with paved shoulders configuration of Radhaita to Pilibhit Section of NH-731K (Km 137.250 to Km 183.380) (Package-IV) in the State of Uttar Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode- Reg.
2.	NH no.	731K
3.	Job no.	NHIIP-2020-21-189
4.	State	Uttar Pradesh
5.	Estimated Civil Cost (excluding GST) (in Rs. crore)	153.90
6.	Length in km.	46.64
7.	Reference	Ministry's OM no. NH-24020/ 09/2016-EAP dated 18.03.2020.

COMMENTS

1. **Scope of work:** Rehabilitation and Upgradation to 2-lane with paved shoulders configuration of Radhaita to Pilibhit Section of NH-731K (Km 137.250 to Km 183.380) (Package-IV) in the State of Uttar Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode-Reg.

2. **Provision:**


- 2.1 **Development of the Project Highway**

Development of the Project Highway shall include design and construction of the Project Highway as described in this Schedule-B and in Schedule-C.

- 2.2 **Rehabilitation and augmentation**

Rehabilitation and augmentation shall include construction of the Two - Lane with paved shoulder from Design Chainage Km 137+250 to Design Chainage Km 183+380, **Total length =46.64 Km** for the Project Highway as described in Annex-I of Schedule-B enclosed with Contract Agreement to be signed between MORT&H and the successful bidder.

- 2.3 **Specifications and Standards**


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Project Director 5/9/20
PIU MoRT&H, Shahjahanpur

The Project Highway shall be designed and constructed in conformity with the Specifications and Standards specified in Annex-I of Schedule-D enclosed with Contract Agreement to be signed between MORT&H and the successful bidder.

3. Technical Comment:

- 3.1 All the items of work included in the scope of work will be executed as per Ministry's specifications for Road and Bridge Works and circulars/guidelines issued by the Ministry from time to time.
- 3.2 No work beyond the scope of the sanctioned estimate leading either to increase in the scope of work or change in specifications should be undertaken without obtaining prior approval of the Ministry.
- 3.3 All works shall be executed as per MoRT&H latest Specifications/Guidelines and IRC codal provision.
- 3.4 Stipulations made in the Manual for Construction and Supervision of road and bridge works be strictly followed during execution of the work.
- 3.5 All minor bridges shall be executed as Integral bridges using latest technology.
- 3.6 All road works except junction/intersection arms shall be executed using CTSB, CTB, Pavement Stabilization etc. These techniques shall be used using latest machines/equipments made for these purposes like Soil Stabilizers, cement spreader etc.

4. Invitation of tender and award of work:

- 4.1 The bids for the work should be invited through e-tendering system as per the instructions issued vide Ministry's circular letter no. RW-NH/34066/14/2018-S&R(P&B) dated 25.06.2018.
- 4.2 The work is to be awarded within six months from the date of issue of sanction. In this connection, Ministry's Circular no. NH-15015/29/2001-PL dated 5.7.2001 is to be referred.
- 4.3 In accordance with the instructions contained in the Ministry's letter No. RW/NH-24035/4/2008-P&M/PIC Vol.II dated 23.02.2018, it would be ensured while accepting tenders that the overall cost of work at tender rates including centages and Establishment charges do not exceed by more than 5% of the sanctioned cost.

5. General:

- 5.1 During construction work, proper arrangement for smooth flow of the traffic may be ensured by providing adequate traffic control devices in accordance with stipulations of IRC:SP:55-2001 and traffic operation to be regulated causing least inconvenience to road user.
- 5.2 The display board on development activities of the work shall be made as per Guidelines issued vide Ministry's letter no. RW/NH-33044/10/2000-S&R (R) dated


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Project Director 5/9/20
PIU MoRT&H, Shahjahanpur

26.05.2003. Submissions of monthly confirmation report in the prescribed Performa in this regard may also be ensured.

5.3 Splitting of work: Neither the work nor any item of work shall be split into small parts for awarding the work to a number of contractors. In case any splitting is essential due to specification prevailing condition, it should be done only after prior approval of this Ministry. In this regard, instructions issued in this Ministry's letter No. NH-III/25/84 dated 04.08.1994 may be referred.

5.4 Monitoring of the work: In order to ensure that there is no slippage in achieving the targets, the progress may be closely monitored by competent authority and quarterly status report furnished to the Ministry in the prescribed Performa.

5.5 Safety Measures: Following provisions have been allowed with respect to safety measures.

(i) Raised Profile Edge Line Markings is proposed on both side of the entire road stretch. The specifications and rates for Raised Profile Edge Line Markings has to be in compliances with the Ministry's letter no. RW/NH-12013/11/6//SP(B-6)/EAP dated 03.01.2019 and 25.02.2019.

(ii) Rumble strips with thermoplastic paint and warning signs are proposed in the stretches where speed is restricted particularly in built up sections.

(iii) Covered drains are proposed in built up area which will be utilized as footpath. Guard rails are proposed to segregate pedestrian traffic in built up area. Zebra crossing with thermoplastic paint proposed for pedestrian crossing the road at other location.

(iv) Different type of Mandatory, cautionary, warning signs.

(v) Metal beam crash barriers on outer side of curves where radius is less than 250m, where height of bank is more than 3m and in approaches to Bridges.

(vi) Road marking- Road Marking with thermoplastic paint, such as centre line, edge lines, arrow markings at junctions, zebra crossings for pedestrian in built up area and near the school and at junction


(vii) Delineators are proposed on outer side of curves, junction Location and in Built-up section.

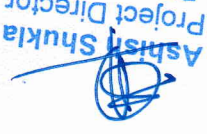
(viii) M.S. Guard rail in built up area to segregate pedestrian traffic.

5.6 Road Appurtenances: Road appurtenances such as Km/Hectometre Stones, road side toilet facility etc. are proposed to be provided on the project road.

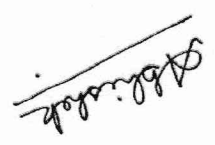
5.7 CVC guidelines in tendering may be followed.

6. Cost of Work: The project is to be executed on EPC Mode of contract cost details are as follows:


Ashish Shukla
Project Director
PIU MORT&H, Shahjahanpur
5/9/20


 Ashish Shukla
 Project Director
 PIU MoRT&H, Shahjahanpur
 5/9/20

(Abhishek Siddharth)
 Assistant Executive Engineer (EAP)


 Abhishek Siddharth

Year	Cumulative Progress	
	Physical phasing	Financial phasing (Rs. in Cr.)
2020-21(Construction period)	20%	39.11
2021-22(Construction period)	70%	136.88
2022-23(Construction period)	100%	195.54
2023-28 (Maintenance Period)	100%	199.39

8. Phasing of expenditure for construction is as under:

Sr. No.	Description	Amount (in Rs. Crore)
(i).	Civil Cost (as per SOR 2016-17 updated to 2019)	153.90
(ii).	GST	10.77
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