



GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

Transport Bhawan,
1, Parliament Street,
New Delhi-110001

Dated: ___ March 2026

Letter No. RW/NH-12014/03/2026-GOA/ZONE-WEST (Comp. No. 264198)

To,

The Secretary to the Govt. of Goa,
Public Works Department,
Government of Goa,
Panaji - 403001

Subject:

Construction of service road and improvement of Khareband junction with road safety measures from Km 549.850 to Km 550.500 on Margao Westernbypass section of NH-66 in the state of Goa.

Job Number (NH-66-GOA-2025-26-16)
UPC:RA0NH66BA004GA

Reference:

The Chief Engineer (NH, R&B) PWD Goa letter no. PWD/CE(NH,R&B)/F.MORTH/2025-26/514 dated 13.01.2026, and CE(NH) PWD Goa vide letter no. PWD/CE(NH,R&B)/F.MORTH/2025-26/557 dated 11.02.2026.

Sir/Madam,

I am directed to convey the Administrative Approval and Technical Approval 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 in the attached technical note:

- (i) Amount as submitted by State PWD : Rs.15.95 Crore
- (ii) Amount as modified in the Ministry: Rs. 15.13 Crore
(Rupees Fifteen Crore and Thirteen Lakhs Only)

2. The work has been assigned (Job No. NH-66-GOA-2025-26-16). Job No. may be quoted in all future correspondence regarding this work.

3. This sanction is further subject to the following conditions:-

(i) The work should be completed as targeted and indicated in the enclosed Technical Note.

(ii) In accordance with the order contained in this Ministry's Circular letter No.RW/NH-11026/2/99-US (D-I) dated 29.10.2001 issued in suppression of earlier Circular No. RW/NH-11026/2/99-US (D-I) dated 13.01.2000, if the cost of tender exceeds 5% of the sanctioned estimated cost, the revised estimate be got sanctioned from the Ministry. It may also be ensured that the guidelines issued by this Ministry's Circular No.RW/NH-24035/4/2008-P&M/PC Vol. II dated 23.02.2018, regarding invitation of tenders for execution of works on NHs and others centrally financed schemes relating to advertisements should be adhered to depending on the requirements. Further, the entire work under the job shall be executed through contract. The State PWD shall ensure the tenders are strictly invited through



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MINISTRY OF ROAD TRANSPORT & HIGHWAYS

e-tendering and in accordance with the procedure prescribed in the Ministry Circular No. RW/NH-34066/14/2018-S&R (P&B) dated 25.06.2018. The work shall be awarded as per guidelines issued by the Ministry vide letter No. NH-15015/29/2001-PL dated 05.07.2001.

(iii) On completion of 50% work, if the appraisal of the project shows that it will necessitate revision of the estimate based upon the physical completion of the project vis-à-vis financial expenditure immediate action should be taken to submit the revised estimate so as to ensure that the sanctioned revised estimate is available before necessity for incurring expenditure beyond permissible limits arises and.

(iv) The expenditure during the current financial year on this work as also on other sanctioned work should not exceed the allotment placed at the disposal of the State Govt. during the year.

4. The expenditure is debitable to Major Head '5054' Capital Outlay on Roads & Bridges, 01-National Highways, 01.337 Road Works (Minor Head), 01 Works under Roads Wing, 01.02 Other Schemes, 01.02.73 Infrastructural Assets under demand No. '86'- Ministry of Road Transport & Highways for the year 2025-26.

5 Quarterly progress in the stipulated performa should be sent to this Ministry till the work is completed. On completion of the work, project completion report shall also be submitted in the prescribed performa.

6. The technical approval and financial sanction may lapse after 06 months from the date of its issue in case the work is not awarded within that period. In this connection, the Ministry's guidelines issued vide letter no. RW/NH-24035/4/2008-P&M dated 23.02.2018 is to be referred.

7. The following physical and financial target shall be strictly adhered to:-

| Year | Physical phasing | Cumulative Process | | | |
|-----------------------|--------------------|--------------------|------------------------------|-------------|----------------|
| | | Financial (In Rs.) | | | |
| | | Construction | LA and other Pre-Constuction | Maintenance | Total |
| 2025-26 | PRELIMINARY | 1,000,000.00 | 0.00 | 0.00 | 1,000,000.00 |
| 2026-27 | 10% | 15,000,000.00 | 0.00 | 0.00 | 15,000,000.00 |
| 2027-28 | 90% | 133,000,000.00 | 0.00 | 0.00 | 133,000,000.00 |
| 2028-29 | 100% | 147,800,000.00 | 0.00 | 0.00 | 147,800,000.00 |
| 2029-30 TO 2034-35 | 100% (MAINTENANCE) | 151,300,000.00 | 0.00 | 0.00 | 151,300,000.00 |

8. This sanction issues with the concurrence of the Finance Division vide their Note#9 dated 05.03.2026.

Yours Faithfully,

(Shashi Bhooshan Kumar)
Under Secretary to the Government of India



GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

Copy To: -

1. The Chief Secretary to the Govt. of Goa, Porvorim - 403521.
2. The Chief Engineer and Regional Officer (Mumbai), Office of Regional Officer, M/o RT&H Maharashtra & Goa, Room No. 508-509, 5 th Floor, Konkan Bhawan, CBD Belapur, Navi Mumbai-400614.
3. The Principal Director of Audit, Economics and Services Ministries, AGCR Building, IP Estate, New Delhi.
4. The Secretary, Deptt. Of Finance, Govt. of Goa, Sachivalaya, Porvorim-403521.
5. The Chief Engineer (NH), PWD, Goa, Altinho Panaji - 403001
6. The Pay & Accounts Officer, Ministry of Road Transport & Highway(RW), IDA Building, Jamnagar House, Shahjahan Road, New Delhi.
7. PF-I Division, Ministry of Finance, North Block, New Delhi.
8. W&A Section / Finance Division / Guard File.

Digitally signed by
SHASHI BHOOSHAN KUMAR
Date: 24-03-2026 16:07:02

(Shashi Bhooshan Kumar)
Under Secretary to the Government of India



GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

Transport Bhawan,
1, Parliament Street,
New Delhi-110001

Dated: ___ March 2026

Letter No. RW/NH-12014/03/2026-GOA/ZONE-WEST (Comp. No. 264198)

To,
The Regional Pay & Account Officer (NH),
MoRT&H, Nav Bhavan, 3rd Floor,
R. K. Marg, Ballard Estate,
Mumbai-400001

Subject:

Construction of service road and improvement of Khareband junction with road safety measures from Km 549.850 to Km 550.500 on Margao Western bypass section of NH-66 in the state of Goa.

Job Number (NH-66-GOA-2025-26-16)
UPC:RA0NH66BA004GA

Reference:

The Chief Engineer (NH, R&B) PWD Goa letter no. PWD/CE(NH,R&B)/F.MORTH/2025-26/514 dated 13.01.2026, and CE(NH) PWD Goa letter no. PWD/CE(NH,R&B)/F.MORTH/2025-26/557 dated 11.02.2026.

Sir/Madam,

I am directed to convey the financial sanction of the President of India for the above mentioned work having Job No. NH-66-GOA-2025-26-16 amounting to Rs. 15.13 Crore (Rupees Fifteen Crore and Thirteen Lakhs Only) including agency charges and other percentages.

2. The expenditure shall be allowed to be incurred as per the year wise phasing details for the total sanction amount as mentioned below in accordance with the terms and condition of the work sanction letter and technical note:

| Year | Cumulative Process | | | | |
|--------------------|--------------------|--------------------|------------------------------|-------------|----------------|
| | Physical phasing | Financial (In Rs.) | | | |
| | | Construction | LA and other Pre-Constuction | Maintenance | Total |
| 2025-26 | PRELIMINARY | 1,000,000.00 | 0.00 | 0.00 | 1,000,000.00 |
| 2026-27 | 10% | 15,000,000.00 | 0.00 | 0.00 | 15,000,000.00 |
| 2027-28 | 90% | 133,000,000.00 | 0.00 | 0.00 | 133,000,000.00 |
| 2028-29 | 100% | 147,800,000.00 | 0.00 | 0.00 | 147,800,000.00 |
| 2029-30 TO 2034-35 | 100% (MAINTENANCE) | 151,300,000.00 | 0.00 | 0.00 | 151,300,000.00 |

3. The expenditure is debitable to Major Head '5054' Capital Outlay on Roads & Bridges, 01-National Highways, 01.337 Road Works (Minor Head), 01 Works under



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MINISTRY OF ROAD TRANSPORT & HIGHWAYS

Roads Wing, 01.02 Other Schemes, 01.02.73 Infrastructural Assets under demand No. '86' - Ministry of Road Transport & Highways for the year 2025-26.

4. The accounts of PWD shall be open to inspection by the sanctioning authority and audit, both by C&AG and internal audit by the Office of Principal Chief Controller of Accounts.

5. This sanction issues with the concurrence of the Finance Division vide their Note#9 dated 05.03.2026.

6. The Project Director, PMU, M/o RT&H, Goa will be the Drawing and Disbursing Officer.

Yours faithfully,

(Shashi Bhooshan Kumar)

Under Secretary to the Government of India

Copy To: -

1. The Chief Engineer (West Zone), MoRT&H, Room No. 233, Transport Bhawan, New Delhi.

2. The AFA, MoRT&H, Transport Bhawan, New Delhi.

3. The Chief Engineer (NH), PWD, Goa, Altinho Panaji - 403001

4. The Chief Engineer-cum-Regional Officer, MoRT&H, Room No. 508-509, 5th Floor, Konkan Bhawan, Navi Mumbai-400614.

5. The Pay & Account Officer (NH), Ministry of Road Transport & Highways, Shahjahan Road, IDA Building, Jamnagar House, New Delhi-110001.

6. The Principal Director of Audit, Economics & Services Ministries, AGCR Building, IP Estate, New Delhi.

Copy for information to:-

1. Sr. PPS to Secretary (RT&H), MoRT&H, Transport Bhawan, New Delhi.

2. Sr. PPS to DG(RD)&SS, MoRT&H, Transport Bhawan, New Delhi.

3. Sr. PPS to AS&FA, MoRT&H, Transport Bhawan, New Delhi.

Digitally signed by

SHASHI BHOOSHAN KUMAR

Date: 24-03-2026 16:07:20

(Shashi Bhooshan Kumar)

Under Secretary to the Government of India

RW/NH-12014/03/2026-GOA/ZONE-WEST (264198)
Government of India
Ministry of Road Transport & Highways
 Transport Bhawan, 1, Parliament Street New Delhi - 110001
 (Zone-West)

Dated: 12.03.2026

TECHNICAL NOTE

| | | | | |
|----|--------------------------|---|---|--|
| 1. | Name of work | : | Construction of service road and improvement of Khareband junction with road safety measures from km 549.850 to km 550.500 on Margao Western bypass section of NH-66 in the state of Goa. | |
| 2. | NH No. | : | NH-66 | |
| 3. | Job No. | : | NH-66-GOA-2025-26-16 | |
| 4. | State | : | Goa | |
| 5. | Total Project Cost | | As proposed by the State PWD (Rs. in cr.) | As allowed by the Ministry (Rs. in cr.) |
| | | | 15.95 | 15.13 |
| 6. | Length in km | : | 0.692 Km | |
| 7 | Cost per Km (Rs. In cr.) | | 23.05 | 21.86 |
| 8. | Reference | : | The Chief Engineer (NH, R&B) PWD Goa letter No. PWD/CE (NH, R&B)/F.MORTH/2025-26/514, dated 13.01.2025 and CE(NH) PWD Goa vide letter No. PWD/CE(NH,R&B)/F.MORTH/2025-26/557 dated 11.02.2026 | |

COMMENTS

1. **Scope of the work:** The scope of work involves construction of widening of LHS service road to allow for two way movement of traffic between Km 549.850 to Km 550.500 of NH-66 on Margao bypass

2. **Provisions allowed in the estimate:** Following provisions proposed by the State PWD are allowed for estimate purpose:

- i) Widening of existing service road to two lane with paved shoulder from km. 549.850 to Km. 550.450 on Margao Western bypass of NH-66 for a length of 0.600 Km
- ii) Construction of two lane road from Vidya Vikas Mandal to Service road on NH-66 for a length of 0.092Km
- iii) Construction of Footpath along with paver blocks and provision of railing in a length of 0.492 Km(on LHS).
- iv) Improvement of Junctions
- v) Provision of footpath for a length of 310 m at cross roads as part of junction development.
- vi) Painting for the Vehicular Underpass at Khareband and Varca.

- vii) Painting of RE wall for the Vehicular Underpass at Khareband and Varca.
- viii) Dismantling of existing toe/retaining walls and construction of new toe/retaining walls at junction locations for junction improvement.
- ix) Provision of Retaining wall with crash barrier for a length of 0.686 Km including both sides.
- x) Dismantling & reconstruction of Retaining wall with crash barrier for a length of 0.065 Km as a part of junction improvement at Khareband VUP.
- xi) Provision of Highway lighting
- xii) Provision of Thrie Metal beam crash barrier for a length of 1.2 Km in the Main Carriageway median
- xiii) Provision of double faced Thrie beam crash barrier in the separator for a length of 0.185 Km
- xiv) Cleaning/removal of vegetation/soil in existing drain and culverts
- xv) Road furniture & Traffic calming measures including sign boards, pavement markings, road studs, Zebra Crossing, Solar Blinkers, Convex mirrors, Reflective Stickers, flexible median markers and Crash barrier indicators.
- xvi) Shifting of Utilities
- xvii) Minor bridges: Provision for construction of 1 no. Minor bridge , widening of existing 2 no. of minor bridge has been allowed and Existing 1 no. Minor bridge have been retained without repair and rehabilitation.

3 Technical proposal :

3.1. Pre-construction activities:

3.1.1 Land Acquisition: The project stretch from km 549.850 to km 550.500 is having 4-lane with paved shoulder configuration and part of Margao Western bypass section of NH-66. Existing alignment is followed for development of the instant proposal. It is reported that land acquisition is not required as the provisions are proposed within the existing ROW.

3.1.2 Forest Clearance: Not required. However, a provision of Rs. 10 lakhs proposed by state PWD towards statutory charges for tree cutting permission has been allowed for estimate purpose.

3.1.3 Utility Shifting: Water and Electrical utilities are required to be shifted for development of the Project Highway. Based on the estimates received from the Utility Owning departments, a provision of Rs. 0.75 Cr. for utility shifting has been taken. Ministry vide circular No. RW/NH-33044/29/2015-S&R/pt. dated 11.02.2021 has circulated SOP for shifting of utilities, wherein it has *inter-alia* been stipulated that the scope of work and estimated cost of shifting of utilities (excluding supervision charges) shall be included in the bids under civil construction cost as per detailed estimate duly reviewed / verified by the DPR Consultant and sanctioned by the utility agencies at the appropriate level. The same shall be ensured by State PWD.

3.2. Minor bridges: Provision for construction/ widening of Minor bridges, as per details below has been allowed for estimate purpose.

| S.No | Proposed type | Proposed span arrangement (m) | Proposed culvert type |
|------|--|-------------------------------|-----------------------|
| 1 | PSC-I Girder (Km 0.053 on Cross road) | 1 x 30.0 | New construction |
| 2 | Box MIB (Km 550.000 on SR) | 1 x 3.0 + 1 x 6.0 + 1 x 3.0 | Retained |
| 3 | Box MIB (Km 550.174 on SR) | 1 x 3.0 + 1 x 6.0 + 1 x 3.0 | Retained and Widening |
| 4 | Box MIB (Km 550.369 on SR) | 1 x 3.0 + 1 x 6.0 + 1 x 3.0 | Retained and Widening |

3.3. Typical Cross Section (TCS):

| TCS No. | I(A) | I(B) | I(C) | II(A) | II(B) | II(C) |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Separator | - | - | - | - | 1.5 m | 1.5 m |
| Shyness | 2 x 0.25 m | 2 x 0.25 m | 2 x 0.25 m | 1 x 0.25 m | 2 x 0.25 m | 2 x 0.25 m |
| Carriageway (SR/Cross road) | 7.0 m | 7.0 m | 7.0 m | 0 -7.0 m | 7.0 m | 7.0 m |
| Paved shoulder | - | - | - | - | - | 2 x 1.5m |
| Crash barrier | 2 x 0.5 m | 1 x 0.5 m | 2 x 0.5 m | 1 x 0.5 m | 0.5 m | 0.5 m |
| Footpath | 2 x 1.5 m | 1 x 1.5 m | 1 x 1.5 m | 1 x 1.5 m | 1 x 1.5 m | 1 x 1.5 m |
| Earthen shoulder | - | 1 x 1.0 m | - | - | - | - |
| Total Width | 11.5 m | 10.5 m | 11.5 m | 60.0m | 60.0 m | 60.0 m |

3.4. The types of cross sections to be adopted at various locations are given below:

| S. No. | From (m) | To (m) | Length (m) | TCS | Remarks |
|-------------------------|----------|--------|------------|-----|---|
| Cross road | | | | | |
| 1 | 0 | 38 | 38 | IB | 2 lane road |
| 2 | 38 | 68 | 30 | IA | Minor Bridge |
| 3 | 68 | 92 | 24 | IC | 2 lane road with retaining wall on both sides |
| Total Length (m) | | | 92 | | |

| S. No. | From (m) | To (m) | Length (m) | TCS | Remarks |
|-------------------------|----------|--------|------------|-----|--|
| Service road | | | | | |
| 4 | 549850 | 549925 | 75 | IIA | Existing 4 lane with 2 lane service road (Diverging) |
| 5 | 549925 | 550050 | 125 | IIB | Existing 4 lane with 2 lane service road |
| 6 | 550050 | 550450 | 400 | IIC | Existing 4 lane with 2 lane service road (Widening) |
| Total Length (m) | | | 600 | | |

3.5 Pavement details :- Service/slip road shall be designed as per the Ministry's circular dated. 03.11.2025 and following Pavement composition is adopted as per IRC: 37.

| Type of pavement | Eff.design CBR(5) | MSA design life | Composition |
|----------------------|-------------------|-----------------|---|
| Slip / Service roads | 10 | 20% | BC(40mm), DBM(70mm), WMM (250mm), Granular Sub-Base (200 mm) |

4. Miscellaneous

4.1 Centages: Centages have been allowed as per guidelines for EPC mode of execution for work costing more than Rs. 5.00 crore. Contingency @1%, Agency Charges @3%, Maintenance Charges @2.5% and GST @ 18% has been allowed as per Ministry's extant guidelines.

4.2 Construction period of **12 months** with DLP of **5 years** for flexible pavement is allowed as per extant guidelines.

4.3 State PWD shall ensure that work is physically completed as per proposed scope of work and monitored timely to avoid cost and time overrun.

4.4 State PWD shall ensure that Videography (including Drone Video) and geo-tagged photographs of the road, before / during & after the execution of work shall be made available to the Ministry.

4.5 State PWD shall ensure uploading of the status of blackspot rectification along with necessary details on the online portal of Ministry for blackspots.

5. Rates & Leads:

5.1 The estimate is based on rates of SOR 2023 (for State of Goa) and rate analysis which is verified by State PWD. Necessary Rate Analysis wherever required has been prepared and attached to the estimate. It is presumed that CE (NH), State PWD has satisfied himself about the adequacy and workability of the rates of various items of work and that rates adopted in the estimate are latest and no revision of the rates has occurred till date.

5.2 Lead for carriage of different materials as proposed in the estimate is allowed for estimate purpose only. However, while calling tenders the sources may not be indicated. The contractor shall be responsible to procure the material conforming to specification of the work. No provision of extra lead during execution of the work shall be allowed.

6. Modifications :- Following modifications have been done in the proposal submitted by State PWD:

(i) Construction Period has been considered as 12 months. Accordingly, Price Escalation has been deleted.

(ii) Since cost of work is less than 200 Cr, Supervision Charges has been restricted to 1 % as per Ministry's Circular dated 31.03.2025,

7. Cost of the work: : In view of the modifications detailed in Para 5 above, the estimated cost works out to Rs 15.13 Cr. including centages charges as per details given below: -

| Sr. No. | DESCRIPTION | Amount (Rs. in crore) | |
|---------|--|---------------------------------|--------------------|
| | | Amount as proposed by State PWD | Amount as modified |
| A | Total Civil Cost | 11.20 | 11.20 |
| B | Utility Shifting | 0.750 | 0.750 |
| C | Total Cost incl. Utility Cost (A+B) | 11.945 | 11.945 |
| D | Add GST @18% (on C) | 2.150 | 2.150 |
| E | Total Construction Cost incl. GST (C+D) | 14.096 | 14.096 |
| F | Post Construction Maintenance Charges (For 5 years @2.5% of E) | 0.299 | 0.352 |
| G | Contingencies @ 1% of A | 0.119 | 0.112 |
| H | Price Escalation i/c GST @ 5% of A | 0.597 | 0.000 |
| I | Agency charges @ 3 % of A | 0.358 | 0.336 |
| J | Supervision charges @ 1% of A | 0.358 | 0.112 |
| K | Supervision Consultancy Charges For Utility Shifting (2.5% on B) | 0.019 | 0.019 |
| L | Environment Management Plan | 0.100 | 0.100 |
| M | TOTAL CAPITAL COST OF THE PROJECT(E+F+G+H+ I+J+K+L) | 15.95 | 15.13 |
| | Per Km Total Cost | 23.05 | 21.86 |

8. Phasing of expenditure: The following physical and financial targets may be achieved depending upon the availability of funds:

| Year | Cumulative progress | |
|--------------------|---------------------|-------------------------|
| | Physical | Financial (Rs. in cr.) |
| 2025-26 | Preliminary | 0.10 |
| 2026-27 | 10% | 1.50 |
| 2027-28 | 90% | 13.30 |
| 2028-29 | 100% | 14.78 |
| 2029-30 to 2034-35 | 100% (Maintenance) | 15.13 |

9. Invitation of tenders and award of works:

9.1 Single stage two-cover bidding is to be adopted as per instructions conveyed vide Ministry's letter no. RW/NH-37010/4/2010/PTC dated 27.05.2014 and subsequent amendments issued from time to time.

9.2 RFP and draft contract documents may be adopted as per Ministry circular No. RW/NH-24035/4/2008/P&M/PIC Vol. II dated 23.02.2018.

9.3 The advertisement for invitation of tenders shall be done as per Ministry's letter No. RW/NH-34066/14/2018-S&R(R&B) dated 25.06.2018.

9.4 In accordance with Ministry's circular No. RW/NH-24035/4/2008-P&M/PIC Vol.II dated 23.02.2018, if the cost of tender exceeds 5% of sanctioned estimated cost, revised sanction shall be obtained from the Ministry before acceptance of tender. Further, the instructions contained in the Ministry's circular letter No RW/NH-33044/12/2019-S&R(P&B) dated 24.03.2019 would be ensured while accepting tenders.

9.5 The work is to be awarded within six months from the date of issue of sanction. In this connection, the Ministry's Circular No. RW/NH-24035/4/2008-P&M/PIC Vol.II dated 23.02.2018 is to be referred. If the work is not awarded within the stipulated time, it may lead to de-sanction of the work unless Ministry's prior approval to extension of sanction validity is obtained.

9.6. CE (NH), GOA PWD will intimate this Ministry about award of contract / commencement of work immediately as per instructions contained in this Ministry's letter no. RW/NH-11060/1/98-(DO-I) dated 05.11.1998 and other amendment issued till date.

9.7 Neither the work nor any item of work shall be split into small parts for awarding the work to a number of contractors. In this regard, instructions issued in this Ministry's letter No. NH-III/P/25/84 dated 4/8/1984 may be referred.

9.8. All the relevant Circulars and amendments regarding tender procedures issued from time to time by Ministry shall be followed. While finalizing the tender Central Vigilance Commission (CVC) guidelines circulated vide Circular No. Circular No. 4/3/07 dated 03.03.2007 should be strictly followed

9.9. CE (NH), GOA PWD and RO, MoRTH, Mumbai shall ensure that the bids for the project are received and letter of award (LoA) is issued by the State PWD duly complying with the target milestones related to land acquisition and other statutory clearances set forth in the latest instructions issued by the Ministry vide Circular no. NH-24028/02/2024-H dated 06.05.2025.

9.10 In accordance with the instructions issued by the Ministry vide circular No. RW/BNG/NH-73/km86-89/04/2020/(Computer No. 182059) dated 15.05.2025, RO, MoRTH, Mumbai shall scrupulously check the schedules prepared by the State PWD prior to invitation of bids for any anomalies, discrepancies, deficiencies or inconsistencies and ensure that the schedules are strictly in accordance with the provisions in the approved proposal as well as comments in this technical note

10. General:

10.1 It is the responsibility of State PWD to ensure availability of encumbrance free working front to the Contractor at the time of declaration of 'Appointed Date'

10.2 The provision of contingencies and other centages should be utilized as per Ministry's circular letter no. RW/NH-24035/4/2008-P&M/PIC Vol-II dated 23.02.2018, circular letter no. RW/NH-36098/05/2024-S&R (P&B)(Computer no. 235702) dated 29.07.2024 and circular no. NH-15017/17/2016-P&M dated 31.03.2025 with the approval of the Ministry. The estimates for carrying out the activities under the provision of contingencies including change in scope of work will be approved by Ministry on assurance/ certification by Authority Engineer/ CE (NH), PWD, Goa that the amount provided against contingencies is available and the same has not been indirectly utilized by accepting higher tender rates. Authority Engineer/ CE (NH), PWD, Goa PWD shall also certify that approval of estimates to be charged to contingencies will not cause revision of the sanctioned estimate.

10.3 No work beyond the scope of the sanctioned estimate leading to increase in the scope of the work or change in specification should be undertaken without obtaining prior approval of the Ministry. In case, the estimate needs revision for any reasons, the revised estimate shall be submitted immediately for Ministry's approval. No expenditure beyond permissible limit shall be incurred. In this regard, Ministry's letter No. RW/NHIII/Coord/32/84 dated 19.5.84 and NH-11026/2/99-US (DI) dated 29.10.2001 may be referred.

10.4 During the course of execution, the traffic may be regulated in accordance with guidelines laid down vide Ministry's letter no. NHIII-33 (126)/72 dated 20.03.1973 and letter No.RW/NH-11060/1/1998-D.O.1 dated 07.10.1987. Smooth flow of the traffic may be ensured by providing adequate traffic control devices in accordance with stipulation of IRC: SP: 55 "Guidelines on Safety in construction Zone". Traffic management should be done as per clause 112 of Ministry's specification, during the construction period it may be insured that the traffic is regulated in conformity to Ministry's guidelines stipulated in clause No.8.2.3, Manual for construction and supervision of bituminous work.

10.5 Display boards on development activities of the work shall be made as per Ministry guidelines issued vide letter no. RW/NH-33044/10/2002-S&R (R) dated 26.05.2003. The cost of the same will be met out of the provision of contingencies allowed in the estimate.

10.6 The work is to be carried out in accordance with the "Hand Book of Quality control for construction of Roads and Runways (Second Revision)-IRC SP:11", observing strict quality control instructions contained in the Ministry's letter No. NH-III/P/I/83 dated 19.04.1984 and permanent records maintained thereof. and permanent records maintained thereof. State PWD, Goa shall ensure strict quality control during actual execution of work and shall ensure that suitable instructions are issued to all Field Officers in this regard.

10.7 The work shall be executed as per Ministry's "Specifications for Road and Bridge Works" and instructions issued by this Ministry from time to time.

10.8 Various measures will be taken to ensure quality of works in accordance with the IRC: SP:112-2017. Permanent record of the tests carried out shall be maintained. During construction, the quality control tests in numbers and frequency should be carried out by State PWD as per Ministry's specifications for Road & Bridge works (5th Revision-2013) and IRC: 111-2009 and the quality of work done in the past as well as in present/future may be ensured by State PWD. If there are instances of premature failures, necessary action should be taken by State PWD for identifying the reasons for these failures and may fix the responsibilities for such lapses.

10.9 Collection of material on the roadside should be so planned that it should commensurate with the physical progress of work and the collected material should not cause any hindrance to the traffic. 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.

10.10 For maintenance of proper record of the execution of the work Photography / videography shall be taken by State PWD before, during and after execution of work and a digital copy of the same may be forwarded to RO MoRTH for record.

10.11 CE (NH), PWD,Goa in consultation with RO, MoRTH, Mumbai shall scrupulously check the schedules and ensure that the schedules are strictly in accordance with the provisions in the approved proposal as well as comments in this technical note.

10.12 Guidelines for Road Safety vide Ministry's letter No.RW/NH-29011/01/2015-P&M(RSCE) dated 20.09.2019 shall be followed.

10.13 In order to ensure that there is no slippage in achieving the targets, the progress may be closely monitored by CE NH and RO, MoRT&H ,Mumbai and monthly status should be updated on PMIS.

10.14 State PWD, Goa shall get necessary testing done for quality control of the work from NABL accredited laboratories as per IRC: SP:112-2017, charging the cost of the same as per Ministry's extant guidelines.

10.15 The provisions of Road Safety furniture are allowed for estimate purpose only. CE NH shall ensure the adequacy of Road Safety items. Crash barriers should be installed as per IRC-119 and Ministry's guidelines issued from time to time. Any additional cost for this may be met with contingency cost.

10.16 The work of road marking with stipulated paint (thermoplastic) shall be done as per Cl. 803 of Ministry's latest specifications and IRC: 35-2015 and in accordance with Ministry's Circular no. RT-25035/07/2023-RS (Part) (221534) dated 24.12.2024.

10.17 Contractor shall provide road signage, bollards, boards, gunny bags, sheets etc. for safety of traffic during construction period, which will be incidental to work.

(Renuka Sharma)
Executive Engineer,
For Director General (RD) & Special Secretary