



GOVERNMENT OF INDIA  
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

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

Dated: \_\_\_ March 2026

Letter No. RW/NH-12014/06/2026-GOA/ZONE-WEST (Comp. No. 266002)

To,

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

**Subject:**

**One Time Improvement to bypassed NH-66 at Margao City from km 548.000 to km 555.300 in the state of Goa**

Job Number (NH-66-GOA-2025-26-18)

UPC:RA0NH66BA006GA

**Reference:**

**The Chief Engineer (NH, R&B) PWD Goa letter No. PWD/CE (NH, R&B)/F.MORTH/2025-26/581, dated 19.02.2026.**

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. 78.20 Crore
- (ii) Amount as modified in the Ministry: Rs. 47.50 Crore  
(Rupees Forty Seven Crore and Fifty Lakhs Only)

2. The work has been assigned (Job No. NH-66-GOA-2025-26-18). 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 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



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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	60%	285,000,000.00	0.00	0.00	285,000,000.00
2027-28	100%	475,000,000.00	0.00	0.00	475,000,000.00

8. This sanction issues with the concurrence of the Finance Division vide their Note#10 dated 26.03.2026.

Yours Faithfully,

(Shashi Bhooshan Kumar)

Under Secretary to the Government of India

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.



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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: 28-03-2026 15:16:42

(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-12014/06/2026-GOA/ZONE-WEST (Comp. No. 266002)

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

**Subject:**

**One Time Improvement to bypassed NH-66 at Margao City from km 548.000 to km 555.300 in the state of Goa**

Job Number (NH-66-GOA-2025-26-18)  
UPC:RA0NH66BA006GA

**Reference:**

**The Chief Engineer (NH, R&B) PWD Goa letter No. PWD/CE (NH, R&B)/F.MORTH/2025-26/581, dated 19.02.2026.**

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-2025-26-18 amounting to Rs. 47.50 Crore (Rupees Forty Seven Crore and Fifty 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	60%	285,000,000.00	0.00	0.00	285,000,000.00
2027-28	100%	475,000,000.00	0.00	0.00	475,000,000.00

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 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



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Controller of Accounts.

5. This sanction issues with the concurrence of the Finance Division vide their Note#10 dated 26.03.2026.

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

(Shashi Bhooshan Kumar) Date: 2026.03.26 15:16:59

Under Secretary to the Government of India

**RW/NH-12014/06/2026-GOA/ZONE-WEST (266002)**  
**Government of India**  
**Ministry of Road Transport & Highways**  
**(Zone)**

**Dated: 27.03.2026**

**TECHNICAL NOTE**

1.	Name of work	:	One Time Improvement to bypassed NH-66 at Margao City from km 548.000 to km 555.300 in the state of Goa	
2.	NH No.	:	NH-66	
3.	Job No.	:	NH-66-GOA-2025-26-18	
4.	State	:	Goa	
5.	Estimated cost (Rs. In Cr)	:	As submitted by State PWD 78.20	As modified by Ministry 47.50
6.	Length in km	:	8.47km	
7.	Cost / km (Rs. in Crores)	:	9.23	5.61
8.	Reference	:	The Chief Engineer (NH, R&B) PWD Goa letter No. PWD/CE (NH, R&B)/F.MORTH/2025-26/581, dated 19.02.2026.	

**COMMENTS**

1. **Scope of the work:** The scope of work involves milling, overlay of BC & DBM, construction of drain and drain cum footpath, Culverts, Paver blocks for footpath, saucer drains, repair of drain and replacement of kerb and paver blocks, improvement of junctions, beautification of islands, street lighting, protective coating, painting, bus shelters, repairs to existing subways, MS steel railing, road furniture and shifting of utilities.
2. **Provisions allowed in the estimate:** Following provisions proposed by the State PWD are allowed for estimate purpose:
  - i) Milling and Overlay on the existing road as below:
    - o Milling of 150mm and Overlay of 60mm DBM and 40mm BC in a length of 3.04 km
    - o Milling and Overlay with 40mm BC for a length of 5.430 km
  - ii) Construction of Drain cum Footpath with shot blasted paver blocks in a length of 3.61 km (including both sides) including FRP manhole covers.
  - iii) Dismantling and construction of new drain along with perforated cover slab of 0.9m width in a length of 3.4 km
  - iv) Repair of drain and replacement of kerb and paver blocks for a length of 2.0 km (including both sides) including FRP manhole covers.
  - v) Provision of saucer drain 0.3m saucer drain for a length of 7.53 km(including both sides) and 0.6m saucer drain for a length of 0.96 km(including both sides)
  - vi) Junction improvement, Beautification of Islands around Margao Municipal garden and median plantation.

- vii) Steel railing for footpath for a length of 2 km.
- viii) Enamel for Piers, Subways etc.
- ix) Anti carbonation paint for existing ROB structure and protective coating for steel railing of ROB.
- x) Dismantling of existing RCC structures including culverts, drain/footpath, compound walls etc.
- xi) Provision of Highway lighting along the stretch
- xii) Provision of 7 Nos of Bus shelters.
- xiii) Provision of Bus Bay with cobble stone pavement at Hospocio Hospital at km 549.150
- xiv) Provision of Utility crossing duct at every 500m interval of size 600mm
- xv) Road furniture & Traffic calming measures including sign boards, RCC bollards, pavement markings, road studs(red/green), Table top crossings, Zebra Crossing, Solar Blinkers, Convex mirrors, Reflective Stickers, flexible median markers and Crash barrier indicators.
- xvi) Providing of additional 5,000 Sq.m of 100mm shot blasted Paver blocks with 30mm Sand bed at available spaces for parking area.
- xvii) Providing of additional 5,000 Sq.m of 60mm shot blasted Paver blocks with 30mm Sand bed at available spaces for pedestrian walking.
- xviii) Shifting of Utilities
- xix) Provision of Cross Drainage Structures(Culverts):

S.No	Existing culvert type	Nos	Proposed culvert type
1	Pipe Culvert	01	Retained and Rehabilitation
2	Slab/arch Culvert	09	Dismantling and reconstruction to Precast Box culvert
3		01	Retained and Rehabilitation
4	Box Culvert	01	Retained and Rehabilitation
5	Box Culverts	05	New Culverts
<b>Total</b>		<b>17</b>	

## 2.1 Typical Cross Section (TCS):

TCS No.	I	II	III	IV(A)	IV(B)	V	VI	VII
Median	-	-	1.0 m	-	-	-	-	0.6-12m
Shyness	-	-	-	-	-	-	-	-

Carriageway	7.5 m	7.5 m	2 x (7.5-9) m	7.5-9m	7.5-9m	5.5 m	5.5 m	2 x (7.5-9) m
Saucer drain	-	2 x 0.3m	-	-	-	2 x 0.6m	2 x 0.6m	0.3m +0.6m
Earthen shoulder	2 x 2.5m	-	-	-	-	-	-	-
Drain	-	-	-	2 x 0.9 m	2 x 0.9 m	-	-	-
Footpath	-	-	-	2 x varies	2 x varies	2 x 1.0 m	1.0m	1.0m
Footpath/ drain	-	2 x 1.2 m	2 x 1.5 m	-	-	-	varies	varies
Total Width (m)	12.5	10.5	19 - 22	11.8-13	11.8-13	8.7	8.4-9.4	varies
Total length (m)	665	870	1025	170	160	45	125	130

TCS No.	XV	XVI	XVII	XVIII	XIX	XX	XI
Median	-	0.61m	-	-	-	-	-
Shyness	-	-	-	-	-	-	-
Carriageway	7.5m	5.5-7.5 m	7.5m	7.5-9.0m	6.0m	7.5-8.5m	6.0m
Saucer drain	0.3m	0.3m +0.6m	0.3m	-	2 x 0.3m	2 x 0.3m	2 x 0.3m
Crash barrier	-	2 x 0.5m	-	-	-	-	-
Parking	4.0m	-	-	-	2.0m	-	1.5m
Drain	0.9m	-	0.9m	2 x 0.9m	-	-	-
Footpath	Varies	1.0	Varies	-	Varies	Varies	Varies
Footpath/ drain	Varies	Varies	Varies	-	Varies	Varies	1.5 + Varies
Total Width (m)	varies	Varies	Varies	9.3-10.8m	Varies	Varies	Varies
Total length (m)	70	100	210	360	190	70	330

TCS No.	VIII	IX	X	XI	XII	XIII	XIV
Median	-	-	0.61m	-	-	-	0.61m

Shyness	-	-	-	-	-	-	0.25m
Carriageway	2 x (7.5-9) m	7.5 m	2 x 7.5 m	7.0m	4.0-5.5m	7.5m	7 + 6m
Saucer drain	2 x 0.6m	-	2 x 0.3m	-	-	0.3m +0.6m	0.3m + 0.6m
Paved shoulder	-	-	-	2 x 1.5m	-	-	-
Crash barrier	-	2 x 0.5m	-	-	-	-	-
Parking	-	-	-	-	-	-	2+ Varies
Drain	-	-	-	-	2 x 0.9 m	-	-
Footpath	-	-	Varies	Varies	Varies	Varies	-
Footpath/ drain	-	-	2 x 1.2 m	-	-	Varies	Varies
Total Width (m)	10.2	8.5	varies	varies	varies	Varies	Varies
Total length (m)	140	570	1870	270	870	160	70

TCS No.	XV	XVI	XVII	XVIII	XIX	XX	XXI
Median	-	0.61m	-	-	-	-	-
Shyness	-	-	-	-	-	-	-
Carriageway	7.5m	5.5-7.5 m	7.5m	7.5-9.0m	6.0m	7.5-8.5m	6.0m
Saucer drain	0.3m	0.3m +0.6m	0.3m	-	2 x 0.3m	2 x 0.3m	2 x 0.3m
Crash barrier	-	2 x 0.5m	-	-	-	-	-
Parking	4.0m	-	-	-	2.0m	-	1.5m
Drain	0.9m	-	0.9m	2 x 0.9m	-	-	-
Footpath	Varies	1.0	Varies	-	Varies	Varies	Varies
Footpath/ drain	Varies	Varies	Varies	-	Varies	Varies	1.5 + Varies
Total Width (m)	varies	Varies	Varies	9.3-10.8m	Varies	Varies	Varies

Total length (m)	70	100	210	360	190	70	330
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2.2 The types of cross sections to be adopted at various locations are given below:

S.no	Chainage (km)		Length (m)	TCS
	From	To		
1	548.000	548.665	665	I
2	548.665	549.535	870	II
3	549.535	550.560	1025	III
4	550.560	550.730	170	IV(A)
5	550.730	550.775	45	V
6	550.775	550.900	125	VI
7	550.900	551.030	130	VII
8	551.030	551.170	140	VIII
9	551.170	551.270	100	XVI
10	551.270	551.480	210	XVII
11	551.480	551.840	360	XVIII
12	551.840	552.030	190	XIX
13	552.030	552.100	70	XX
14	552.100	552.430	330	XXI
15	552.430	553.000	570	IX
16	553.000	553.160	160	IV(B)
17	553.160	554.280	1120	X
18	554.280	554.550	270	XI
19	554.550	555.300	750	X
<b>RHS SIDE</b>				
17	550.630	551.500	870	XII
18	551.500	551.660	160	XIII
19	551.660	551.730	70	XIV
20	551.730	551.800	70	XV
<b>Total Length (m)</b>			<b>8470</b>	

### 3. Pre-construction activities:

**3.1 Land Acquisition & EMP:** It is reported that land acquisition is not required as the provisions are proposed with the existing ROW. Further, a provision of Rs. 10 lakh is kept towards Environmental Management Plan.

**3.2 Forest Clearance:** Not required.

**3.3 Utility Shifting:** Shifting of Utilities is required for which a provision of Rs. 3.73 Cr is allowed in the estimate.

### 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% and GST @ 18% has been allowed as per Ministry's extant guidelines. Since, the work is to be supervised by the state PWD, supervision charges are deleted.

**4.2** Construction period of **12 months** with DLP of **2 years** for flexible pavement is allowed as per Standard Operating Procedure for One Time Improvement sections vide Ministry letter no. F.No. NH-14013/9/2020-P&M dated. 08.09.2025.

**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.

### 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). Milling has been modified from 200mm to 150mm thickness and overlay with 60mm DBM and 40mm BC instead of 50mm DBM and 40mm BC proposed by state PWD.

ii). Milling and Overlay with of 40mm BC has been modified from 1.5 km length to 4.86 km to cover the entire bypass length.

iii). Drain cum Footpath in a length of 3.61 km, 0.9m drain with cover slab in a length of 3.4 km length, repair of drain and replacement of kerb and paver blocks in a length of 2 km and saucer drain of 300mm and 600mm in length of 7.53 km and 0.96 km has been considered as per site requirement instead of 13.760 km (including both sides) reconstruction of drain proposed by PWD.

iv). Length of steel railing has been reduced from 7 km to 2 km (including both sides) as per site requirement.

v). Provision of Utility duct crossing has been modified from 300m spacing 300mm dia 2 rows to the spacing of 500m with 600mm dia duct as per manual.

vi). Provision of Parking with shot blasted Paver blocks for a length of 0.76 km (including both sides) has been modified to 0.140 km as per site requirement.

vii). Supervision charges are deleted as the work is to be supervised by the state PWD.

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

ix). Maintenance charges has been deleted as DLP kept as 2 years as per the Standard Operating Procedure for One Time Improvement sections vide Ministry letter no. F.No. NH-14013/9/2020-P&M dated. 08.09.2025.

7. **Cost of the work:** In view of the modifications detailed in Para (6) above, the estimated cost works out to Rs. 47.50 Crores. including centages charges as per details given below: -

**Amount (Rs. in crore)**

Sr. No.	DESCRIPTION	Amount as proposed by State PWD	Amount as modified in the Ministry
A	<b>Total Civil Cost</b>	<b>46.19</b>	<b>35.17</b>
B	Utility Shifting	11.448	3.73
C	<b>Total Cost incl. Utility Cost (A+B)</b>	<b>57.642</b>	<b>38.90</b>
D	Add GST @18% (on C)	10.376	6.86
E	<b>Total Construction Cost incl. GST (C+D)</b>	<b>68.018</b>	<b>45.90</b>
F	Post Construction Maintenance Charges (For 10 years @5% of E)	2.882	0.00
G	Contingencies @ 1% of A	0.576	0.35
H	Price Escalation 5% of C	2.882	0.00
I	Agency charges @ 3 % of A	1.729	1.06
J	Supervision charges @ 1 % of A	1.729	0.00
K	Supervision Consultancy Charges For Utility Shifting (2.5% on B)	0.286	0.09
L	Environment Management Plan	0.100	0.10
M	<b>TOTAL CAPITAL COST OF THE PROJECT(E+F+G+H+I+J+K+L)</b>	<b>78.20</b>	<b>47.50</b>

**8 Phasing of expenditure:** Phasing of expenditure may be kept as under:

Year	Physical	Financial (Rs. in Crore)		
		Construction	Maintenance	Total
2025-26	Preliminary	0.10	0.00	0.10
2026-27	60%	28.50	0.00	28.50
2027-28	100%	47.50	0.00	47.50

**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-(D0-1) 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 04.08.1984 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, MaRTH, 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 16.05.2025, 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-11 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 written 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 connection, 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, 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 The display boards on development activities of the work shall be made as per guidelines issued vide Ministry's letter No. RW/NH-33044/10/2002-S&R(R) dated 26.05.2003.

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.

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 Data Lake.

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)  
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For Director General (RD) & Special Secretary