

ಕರ್ನಾಟಕ 138ನೇ ವಿಧಾನಪರಿಷತ್ತು

ಚುಕ್ಕೆ ಗುರುತಿಲ್ಲದ ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ: : 561


ಸದಸ್ಯರ ಹೆಸರು : ಶ್ರೀ ಎನ್.ಅಪ್ಪಾಜಿಗೌಡ
(ಸ್ಥಳೀಯ ಸಂಸ್ಥೆಗಳ ಕ್ಷೇತ್ರ)

ಉತ್ತರಿಸಬೇಕಾದ ದಿನಾಂಕ : 19-07-2019

ಉತ್ತರಿಸುವ ಸಚಿವರು : ಲೋಕೋಪಯೋಗಿ ಸಚಿವರು

ಕ್ರ. ಸಂ.	ಪ್ರಶ್ನೆಗಳು	ಉತ್ತರಗಳು
ಅ.	ಇತ್ತೀಚೆಗೆ ರಾಜ್ಯದ ಯಾವ ಯಾವ ರಾಜ್ಯ ಹೆದ್ದಾರಿಗಳನ್ನು ರಾಷ್ಟ್ರೀಯ ಹೆದ್ದಾರಿಗಳನ್ನಾಗಿ ಪರಿವರ್ತಿಸಲು ಅಥವಾ ಮೇಲ್ವರ್ಜನೆಗೆ ವಿರಿಸಲು ಕೇಂದ್ರ ಸರ್ಕಾರಕ್ಕೆ ಶಿಫಾರಸ್ಸು ಮಾಡಲಾಗಿದೆ: (ಸಂಪೂರ್ಣ ಮಾಹಿತಿ ನೀಡುವುದು)	2015-16 ರಿಂದ 2019-20 ಸಾಲಿನವರೆಗೆ 3456.40 ಕಿಮೀ. ಉದ್ದದ ರಸ್ತೆಗಳನ್ನು ರಾಷ್ಟ್ರೀಯ ಹೆದ್ದಾರಿಗಳನ್ನಾಗಿ ಮೇಲ್ವರ್ಜನೆಗೇರಿಸಲು ಕೇಂದ್ರ ಸರ್ಕಾರಕ್ಕೆ ಶಿಫಾರಸ್ಸು ಮಾಡಲಾಗಿದೆ. ವಿವರಗಳನ್ನು ಅನುಬಂಧ-1 ರಲ್ಲಿ ನೀಡಲಾಗಿದೆ.
ಆ.	ಕೇಂದ್ರ ಸರ್ಕಾರಕ್ಕೆ ಶಿಫಾರಸ್ಸು ಮಾಡಿರುವ ರಾಷ್ಟ್ರೀಯ ಹೆದ್ದಾರಿಗಳು ಎಷ್ಟು ಕಿ.ಮೀ. ಬಳಗೊಂಡಿರುತ್ತದೆ: ಇದಕ್ಕೆ ಅಂದಾಜಿಸಿರುವ ಅನುದಾನ ಎಷ್ಟು: (ವಿವರ ನೀಡುವುದು)	ಕೇಂದ್ರ ಸರ್ಕಾರಕ್ಕೆ ಶಿಫಾರಸ್ಸು ಮಾಡಿರುವ ರಸ್ತೆಗಳ ಒಟ್ಟು ಉದ್ದ 3456.40 ಕಿ.ಮೀ. ಆಗಿರುತ್ತದೆ. ಸದರಿ ರಸ್ತೆಗಳನ್ನು ರಾಷ್ಟ್ರೀಯ ಹೆದ್ದಾರಿಗಳನ್ನಾಗಿ ಮೇಲ್ವರ್ಜನೆಗೇರಿಸಲು ಕಾರ್ಯಸಾಧ್ಯತಾ ಯೋಜನಾ ವರದಿ ತಯಾರಿಸಲು ಯೋಜನಾ ಸಮಾಲೋಚಕರನ್ನು ನೇಮಿಸಿ ತಾತ್ಕಿಕ ಅನುಮೋದನೆ ನೀಡಿದ ನಂತರ ಯೋಜನಾ ಸಮಾಲೋಚಕರು ತಯಾರಿಸುವ ಯೋಜನಾ ವರದಿಯನ್ನಾಧರಿಸಿ ರಸ್ತೆ ನಿರ್ಮಾಣಕ್ಕೆ ತಗಲುವ ಹೆಚ್ಚು ಹಾಗೂ ಅನುದಾನವನ್ನು ನಿರ್ದೇಶಿಸಲಾಗುವುದು. ಯೋಜನಾ ವರದಿಗೆ ಕೇಂದ್ರ ಭೂಸಾರಿಗೆ ಮಂತ್ರಾಲಯದಿಂದ ಅನುಮೋದನೆ ನೀಡಿದ ನಂತರ ಸದರಿ ಸಾಲಿನ ವಾರ್ಷಿಕ ಕ್ರಿಯಾ ಯೋಜನೆಯಲ್ಲಿ ರಸ್ತೆ ನಿರ್ಮಾಣಕ್ಕೆ ಅನುದಾನವನ್ನು ಮಂಜೂರು ಮಾಡಲಾಗುತ್ತದೆ.
ಇ.	ಕಳೆದ ಮೂರು ವರ್ಷಗಳಿಂದೀಚೆಗೆ ಕೇಂದ್ರ ಸರ್ಕಾರವು ರಾಜ್ಯದ ಎಷ್ಟು ರಾಷ್ಟ್ರೀಯ ಹೆದ್ದಾರಿಗಳನ್ನು ಮಂಜೂರು ಮಾಡಿದೆ: ಆ ರಾಷ್ಟ್ರೀಯ ಹೆದ್ದಾರಿಗಳು ಯಾವುವು: ಇದಕ್ಕೆ ಎಷ್ಟು ಅನುದಾನವನ್ನು ಒದಗಿಸಿ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿದೆ: (ಸಂಪೂರ್ಣ ಮಾಹಿತಿಯನ್ನು ಆದೇಶದ ಪ್ರತಿಯೊಂದಿಗೆ ನೀಡುವುದು)	ಕಳೆದ ಮೂರು ವರ್ಷಗಳಲ್ಲಿ 1966.77 ಕಿಮೀ. ಉದ್ದದ ರಸ್ತೆಗಳನ್ನು ರಾಷ್ಟ್ರೀಯ ಹೆದ್ದಾರಿಗಳನ್ನಾಗಿ ಮೇಲ್ವರ್ಜನೆಗೆ ವಿರಿಸಲಾಗಿದ್ದು, ವಿವರಗಳನ್ನು ಅನುಬಂಧ-2 ರಲ್ಲಿ ನೀಡಲಾಗಿದೆ. ಸದರಿ ರಸ್ತೆಗಳಲ್ಲಿ ಅಭಿವೃದ್ಧಿ ಯೋಜನೆಗಳನ್ನು ಕೈಗೊಳ್ಳಲು ಕೇಂದ್ರ ಭೂಸಾರಿಗೆ ಮಂತ್ರಾಲಯವು 2018-19ನೇ ಸಾಲಿನಲ್ಲಿ ಎರಡು ಕಾಮಗಾರಿಗಳಿಗೆ ರೂ.1283.19 ಕೋಟಿಗಳಿಗೆ ಅನುಮೋದನೆ ನೀಡಿದ್ದು, ವಿವರಗಳನ್ನು ಅನುಬಂಧ-3 ರಲ್ಲಿ ನೀಡಲಾಗಿದೆ. NH(O) 5054 ಅಡಿಯಲ್ಲಿ ವೆಚ್ಚವನ್ನು ಭರಿಸಲಾಗುವುದು.

ಲೋಕ 61 ಸಿಎನ್‌ಹೆಚ್ 2019(ಬಿ)


 (ಹೆಚ್.ಡಿ. ರೇವಣ್ಣ)
 ಲೋಕೋಪಯೋಗಿ ಸಚಿವರು

Annexure-F

List of Roads submitted by GOK to GOI for upgradation (pending) yearwise from 2015-16 to 2019-20

Sl.No	Name of Road	Length in Kms.	Date of reference	Reference No.
1	Tadas-Raighatgi-Dharwad-Hebsure-Navalgund-Annigeri(NH 63)	132.4	25.09.2015	PWD/87/CNH/2015
2	Karwar-Jlakai(SH-06)-Kaiga-Yellapur-Mundgod-Lankapur-Savanur-Gadag-Gajendragad-Hanumasagar	338.84	22.6.2015 and 18.04.2016	PWD/11/CNH/2015 and PWD 129 CNH 2016
3	Nanded-Bhalki-Chincholi-Ambesangvi-Bhalki-Dhadgi cross-Dubulgundi-Chitraguppa-Amapura	106.05	22.6.2015	PWD/11/CNH/2015
4	Maharashtra border at Warampalli-Bidar-Manekhali-Chincholi-Mariyan-Tandur-Mehaboobnagar	124.3	22.6.2015	PWD/11/CNH/2015
5	Navalgund-Hyderabad road via Gajendragad-Kushtragi-Tavaregere-Sindhur-Manvi-Kalmala-Rajchur	248.74	20.08.2015	PWD/11/CNH/2015
6	Telangana State Border-Sangam-Balki-Muchalamb-Basavakalyana-Sastapur on NH 9	105.3	22.6.2015	PWD/11/CNH/2015
7	Atzalpur-Alme-Indi-Atharga-Vijayapura-Babalshwar-Jamkhandi-Lokapur(Aurad-Sadashivghad)	209.65	22.6.2015	PWD/11/CNH/2015
8	Maharashtra border to Shiradon-Chadchan-zalki-Indi-Tamba-Devarahipparagi-Hoovinahipparagi-Muddebihal-Nalwad-Narayanapur-Lingasaguri	201.5	22.6.2015	PWD/11/CNH/2015
9	Belgaum-Yaragatti-Bagalke-Hungund-Lingsugur-Rajchur (Connecting Gor to Hyderabad)	439.84	22.6.2015	PWD/11/CNH/2015
10	Connecting road from NH 212 K.K Section to NH 219 D-B Section in Chamarajanagar District (MDR Road 11-Narasipura-Venkatiahalli-Muguru Cross-Santhmarahalli Cross)	8.4	22.6.2015	PWD/11/CNH/2015
11	Govinakoppa to Kudalasangam via Jobrali-Banashankari-Panadakal-Athole-Kudalasangam road	108.41	20.08.2015	PWD/11/CNH/2015
12	Karnataka border to AP border Hunsenanalli-Kodihalli-Kanakapura-Nameragara-Magadi-Pavagada road	239	20.08.2015	PWD/11/CNH/2015
13	NH 9 at Sastapur Junction, Mudubi, Markuda, V.K Selga, Mahagoan, Kudli, Kalagi, Mudubal, Tongali Cross, Dandurhi, Chitrapur, Bheemanahalli, Handarki Cross, Guramikal, Putpak, Narayanpeti cross	170	22.6.2015	PWD/11/CNH/2015
14	Bijapur-Athani-Kagwada-Chikkodi-Sankeshwar	180	22.6.2015	PWD/11/CNH/2015
15	NH-206 at km 282.20 near Segara to NH-706C at 45.500 near Markutka via Huvinalli, Holihaglu, Kalasavalli, Sigandoru, Backodu	79.8	26.03.2016	PWD 111 CNH 2016
16	Nanded-Bhalki-Chincholi-Ambesangvi-Bhalki-Dhadgi cross-Dubulgundi-Chitraguppa-Amapura	106.05	22.6.2015	PWD/11/CNH/2015

Sr No	Name of Road	Length in Kms.	Date of reference	Reference No.
17	Connecting road from NH 212 K.K Section to NH 209 D-B Section in Chamarajanagar District (MDR Road T-Narasipura-Venkatahalli-Muguru Cross-Santhmarahalli Cross)	8.4	22.6.2015	PWD/11/CNH/2015
18	Govinakoppa to Kudalasangam via Iebballi-Banashankari-Partadekal-Aihole-Kudalasangam road	108.41	20.08.2015	PWD/11/CNH/2015
2016-17				
1	Bengaluru outer Ringroad- Dabaspet - Solur- Magadi-Ramanagaram-Kanakapur - Anekal- Attibele-Sarjapura	194	11.03.2009 and 18.04.2016	PWD 129 CNH 2016
2	Agumbe - Sringeri - Jaipur - balehonnur - Sangameshwarapete - Aldur - Vastare	90	18.04.2016	PWD 129 CNH 2016
2017-18				
Nil				
2018-19				
1	Kushalnagar - Virajpete section of SH -91	45.27	24.08.2018	PWD 226 CNH 2018
2	Hunsur (SH-90) to Tholpatti (Kerala border) (SH-89) via Gonikoppa - Ponnampet - Srimangala - kutta	86.4	15.12.2018	PWD 356 CNH 2018
2019-20				
1	Sakleshpura - Kodlipete - Shanivarsante - Gopalapura - Hebbale - Kushalnagar - Guddehesur - Siddapur - Ammani - Virajpete - Thalacheri - Kannur	124.4	12.06.2019	PWD 305 CNH 2018

ANNEXURE - 2

DETAILS OF DECLARED NATIONAL HIGHWAYS IN THE STATE OF KARNATAKA YEARWISE FROM 2016-17 TO 2018-19 (Past 3 years)

Sl No	Sl No		Latest revised date of declaration	Name	Street/Change	From	To	Length (Km)		C. Total
	Old	New						With PAVD	With NHA	
					2016-17					
1	666	166	03-01-2017	The Highway starting from Tarpur, Mysr connecting Chikodi and terminating at junction with NH 48 in the state of KA	Abbas Nagar Road	Nagpur		76.00	0.00	76.00
2	NH 73	73		The highway starting from its junction with NH 66 near Mangalore connecting Ratval, Behangadi, Madigere, Behur, Benavar, Arshere and terminating at its junction with NH 48 near Tarpur in the state of Karnataka	0 (Mangalore)		423.56 Km with NH 48	187.00	136.56	313.56
3	NH 73	75		The highway starting from its junction with NH 73 near Bantur in the state of Karnataka connecting to the state of Andhra Pradesh connecting Kondyattam, Kalpadi and terminating at its junction with NH 48 near Vellore in the state of Andhra Pradesh	0 Km Banwala	Border near Venkatapur, Karnataka		26.00	376.57	392.57
4	546A	546A	28-02-2017	The Highway starting from panthapur, Madhavodda in MH and terminating at junction with NH 52 NEAR Boppar in the state of KA	Boppar Panthapur road	NH 52 NEAR Boppar		12.00	0.00	12.00
5	750K	750K	03-01-2017	The Highway starting from its junction with NH 750 near Yerru in the state of Maharashtra and connecting to Bant, Zali, Pabbani, Chingabhad, Bad, Kingari, Dhavay, Wadav, Nagrathi, Chavara, Nalagum, Latur, Nitur, Nimgal, Sush, Atrud, Shapur in the state of Maharashtra and terminating at its junction with NH 50 near Bant in the state of Karnataka	0.00 Km (Atrud) Boppar MH NH 50 border	Pokri (Hoburga) Near Bant with NH 50		45.00	0.00	45.00
6	64A	64A	03-01-2017 05-12-2017	The Highway starting from its junction with NH 548C, Akot, Pabai, Bhat, Akota, Bant, Taki, Shelu Bazar, Mangalpet, Marasa, Digos, Arni, Dhawadi, Mahir, Sakhan, Shiv, Bantur, Hingwadigal, Birkol, Madhad, Nanded, Osmangur, Kautba, Akhad, Barha, Mukhad, Lashapur, Sawarnal, Nangapur, Wazari in the state of Maharashtra connecting Aarnai, Tulapur, Mhatpur, Marhad, Nawadpur and terminating at its junction with Bhat Ring Road in the state of Karnataka	0.00 Km (Atrud) Boppar MH NH 50 border	05.00 Km (Bhat Ring Road)		45.00	0.00	45.00
7	60E	60E	01-09-2017 28-07-2017	The Highway starting from Khanapur, Nagpur (AT) in the state of MH and terminating at its junction with NH 62 near Boppar in the state of KA	NH KA border near Karamadi	terminating at its junction with NH 62 near Boppar		95.00	0.00	95.00
8	NH 173	173	05-12-2017	The highway starting from its junction with NH 73 near Madigere connecting, Chikodi, Kannod, Kadur, Lantadabadi, Hosdurga and terminating at its junction with new NH No. 369 near Holakere in the state of Karnataka	0.00 km (Madigere) Kadur	052.00 Km (Holakere)		152.00	0.00	152.00
9	NH 48	48	23-03-2018	The Highway starting from its junction with NH 548C near Kautba connecting, Dugganur, Pongudi, Parali, Vangudi, Anbhaga, Konyapurba, Latur (NH 364), Ansa, Chavara, Yerru, Kurnool, Anur, Akkalkot, Nagpur in the state of Maharashtra connecting Boppar (Vijayapur), Tikka, Akhara, Kogwad, Chikodi, Sakshar and terminating at its junction with NH 48 near Katur in the state of Karnataka	Nagpur Near NH 48 border	Junction with NH 48 near Katur in the state of Karnataka		271.10	0.00	271.10
10	546DD	546DD	01-03-2017	The highway starting from its junction with NH No. 11 near Anantapur connecting, Kaveri, 1075 in the state of Andhra Pradesh and terminating at its junction with NH 160A near Madhavodda in the state of Karnataka	AP Border (1075)00Km	Junction with NH 160A Near Boppar (1600 Km)		11.00	0.00	11.00

Sl. No.	NH No.	NH No. Old	NH No. New	Latest revised date of declaration	Name	Start-to-End		Length (km)	C. Total	
						From	To			
1	544E	544E	544E	01.03.2017	The highway starting from its junction with NH No. 41 near Kodikonda check post connecting to Kodakki, Madakasa, Kallakatti in AP and terminating at junction with NH Bonar Sira in KA	99.179KM (AP BORDER)	175.729 (near Town)	0.00	175.729	
5	485E	485E	485E	05.11.2017	The highway starting from junction with NH 48 near Sankeshwar in the state of Karnataka, Gadlingol, Mera, Anubh, Kaddhal, Sawantwad, and terminating at its junction with NH 66 near Banar in the state of Maharashtra	junction with NH 48 near Sankeshwar	KA and Gadlingol in NH border in state Highway 131	3.30	0.00	3.30
6	485AA	485AA	485AA	05.11.2017	The highway starting from junction with NH 48 near Madhe connecting Pearyadi, Nettagy, Kuvayy, Kuttanadhi, Harbath, Kannur, Kappaludi, in the state of Karnataka, Baruru, Maruru, and terminating at Somputtal near Sirt Dattanaya Mandur in the state of Goa.	0.00 Km (In With NH 798 near Madhe)	8.81 Km near Cava Road	19.84	0.00	19.84
7	367A	367A	367A	05.11.2017	The highway starting from junction with NH 66, near Koppal and terminating at its junction with NH No. 70 near Mappal in the state of Karnataka	The Highway starting from its junction with NH 67 near Koppal	terminating at its junction with NH No. 60 near Madgal in the state of KA	0.00	0.00	0.00
8	948A	948A	948A	1.01.2018	The highway starting from junction of NH 68 and NH 48 near Gdaya (Mannur, Nappal, Kagal, Cudema, ananadhi, Harthi, Madhali, Pilsavayannur, Rayasandra, Baravast, Hookeandra in the state of KA connecting Accordipalli	The highway starting from junction of NH 68 and NH 48 near dishap (Mannur)	Hookeandra in the state of KA	0.00	179.94	179.94
9	369E	369E	369E	23.03.2018	The highway starting from its junction with NH 69 near Sagar connecting connecting	The highway starting from its junction with NH 69 near Sagar 69KM	terminating at its junction with NH 766C near MARAKUTENA in the state of KA (67.7 Km)	67.70	0.00	67.70
10	503	503	503	23.03.2018	The highway starting from its junction with NH 77 near Beluru connecting Hassan, Hokenarasipura and terminating at junction with NH 275 near Bilkeri in the state of Karnataka	0 Km (BELURU HAND KOSI)	126.73 Km (In with NH 275 near Bilkeri)	126.73	0.00	126.73
11	274E	274E	274E	23.03.2018	The highway starting from its junction with NH 275 near Hinkal village connecting NH 275/ NH 450A near Columba Asia Hospital, NH 266/ NH 450A near APWC, Kumbhalya and terminating at its originating junction with NH 275 near Hinkal Village around Mysore city in the state of Karnataka. (Mysore Ring Road)	0 Km (Hinkal)	41.35 Km	41.34	0.00	41.34
12	766E	766E	766E		The highway starting from KUMFA (HAVI RASERI)	119AC7 near Kumba (98KM)	128.89 Km (Haveri)	72.89	36.00	108.89
13	463E	463E	463E		The highway starting from BIDAR, Nazimogga	0.00 Km AP, KNT, Sodey	75 Km Nandbad in with NH 56	20.00	0.00	20.00
14	260E	260E	260E		The highway starting from its junction with NH 66 near Hatikeri and terminating at Bidkeri in the state of Karnataka	0 Km (Bidkeri post)	1.265 km (junction with NH 66 near Hatikeri)	4.27	0.00	4.27



GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
(Zone-4)

Transport Bhawan,
1, Parliament Street,
New Delhi-110 001

No. RW/NH-12018/Z/2017-KVT(Zone-4)

Dated: 22nd December, 2017

To

The Secretary to the Government of Karnataka,
Public Works Department,
Widhana Soudha,
W.S. Building,
Bangalore-560 001

Re: Tender based revised cost estimate for the work of construction of bridges of Manthala at Km. 25.00, Midgal bridge across Nethravathi river at Km. 63.95 and bridge across Channudi Halla at Km. 74.90 of NH-234 in the State of Karnataka.

File No. NH-234-KVTZ/2017-S&R(B)-016

Sr.

1. With reference to letter No. CNH/TA4/AE2/Bridges/NH-234/2017-16/4162 dated 08.01.2017 from Chief Engineer(NH), PWD, Karnataka forwarding revised cost estimate for the above mentioned work, in partial supersession of the orders contained in this Ministry's letter No. RW/NH-12018/Karnataka(2)/2017-S&R(B) dated 02.08.2017, I am directed to convey the technical, financial sanction and administrative approval of the President of India to the revised estimate amounting to Rs. 28.46 crore (Rupees twenty eight crore and forty six lakh only) subject to the comments contained in the enclosed technical note.

2. The expenditure is debitable to Major Head '5054' Capital Outlay on Roads & Bridges, 01-National Highways (Sub Major Head), 01.337 Road Works (Minor Head), 03 (NH Original Works), 03.01 Works financed from Central Road Fund 03.01.53 Major Works under demand No. 1814-Ministry of Road Transport & Highways NH (O) for the year 2017-18.

3. The sanction is subject to the following conditions -
- (i) that the expenditure during the current year on this work as well as on other sanctioned works does not exceed the allotment placed at the disposal of the State Government during the year;
 - (ii) that no cost over-run is caused over and above the revised estimate now sanctioned;
 - (iii) that the work is completed as targeted.

4. A copy of the approved/sanctioned revised estimate is being sent to the Chief Engineer (NH), PWD, Karnataka.

No. 14-12018/2/2017-KNT(Zone-4)

5. The Regional Office, NH RT&H, Bangalore will be the Drawing and Disbursing officer.

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

Financial Year	Quantity related projects	
	Physical (km)	Financial (Rs. Crores)
2017-18	30	8.54
2018-19	100	28.48

7. This sanction issues with the concurrence of the Finance Wing vide their U.O. No. 2040/TF-11/2017 dated 08.02.2017.

Yours faithfully,

Encl: As above

(Ram Raj Meena)

Under Secretary to the Government of India

Copy with a copy of technical note forwarded to:-

1. The Chief Engineer, National Highways, K.R. Circle, Bangalore-560 001.
2. The Sdmt. Engineer, National Highways, Road Tpt. & Highways, PWD Annexe Building, K.R. Circle, Bangalore-560001.
3. The Accountant General, Karnataka, Bangalore-560 001.
4. The Pay & Accounts Officer, Ministry of Road Tpt. & Highways, JDA Building, Jamnagar House, New Delhi.
5. The Pay & Accounts Officer, Ministry of Road Tpt. & Highways, Kandriya Sadan, 1st Floor, 17- Main Road, II-Block, Bangalore-14.
6. The Principal Director of Public Economics & Services Ministries, A.G.C.R. Building, New Delhi.
7. PF-1 Division, Ministry of Finance, North Block, New Delhi.

Encl: As above

(Ram Raj Meena)

Under Secretary to the Government of India

Copy to:-

1. OS (Zone-4)/S.E. (Zone-4)/Quard File

(Rajesh Malik)
Section Officer (Zone-4)



GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
(Project Zone-6)

Transport Bhawan,
1, Parliament Street,
New Delhi-110 001

NH-32/14/6/2017-KRT(P-6)

Dated: 16th October, 2017

To,

The Secretary to the Government of Karnataka,
Public Works Department,
Vidhana Soudha,
M.S. Building,
Bangalore-560 001

Subj: Estimate for the work relating to widening to two lane with paved shoulder from Km. 99.200 (Kottigebara) to Km. 113.710(Mudigere Hand post) of NH-73 (NH-234) in the State of Karnataka.

(Job No. NH-73-KRT-2017-16-871)

Sr,

I am directed to refer to Chief Engineer (NH), Bangalore letter No. CNH/TA4/AE2/NH-73(234)/2017-16-584 dated 06.05.2017 and letter No. CNH/TA4/AE2/NH-234/99.200-113.710/17/28/1854 dated 15.7.2017 forwarding an estimate amounting to Rs 48.58 crore for the above noted work and to say that the estimate has been examined in the Ministry and sanctioned for Rs. 48.70 crore in the light of comments contained in the enclosed Technical Note.

2. I am to convey the technical, administrative and financial sanction of the President of India to the estimate amounting to Rs. 48.70 crore (Rupees forty eight crore & seventy lakh only).

3. The work has been assigned Job No. NH-73-KRT-2017-16-871. This Job No. may be quoted in all future correspondence regarding this work.

4. The expenditure is debitable to Major Head '5054' Capital Outlay on Roads & Bridges, 51-National Highways (Sub-Major Head), 01.357 Road Works (Minor Head), 03 (NH Original Works), 03.01 Works Financed from Central Road Fund 03.01.53 Major Works under demand No. 'S14' Ministry of Road Transport & Highways NH (C) for the year 2017-18.

5. It is requested that arrangements may be made for the submission of Quarterly progress report in respect of this work by the Executive Engineer concerned to the Director General (Road Development) Government of India.

6. 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 necessary for incurring expenditure beyond permissible limits arises.

7. The technical approval and financial sanction may lapse after six months from the date of its issue in case the work is not awarded within that period.

8. The following physical and financial target shall be strictly adhered to. Phasing of expenditure shall be as given below:-

Financial Year	Cumulative progress	
	Physical in %age	Financial (Rs. In crore)
2017-2018	80	38.95
2018-2019	100	48.70

9. This sanction issues with the concurrence of the Finance Wing vide U.O. No. 1549/TF-II/17-18 dated 21.09.2017.

Yours faithfully,


(Rajinder Kumar)

Under Secretary to the Government of India

Copy with a copy of technical note forwarded to:-

1. The Chief Engineer, National Highways, K.R. Circle, Bangalore-560 001
2. The Supdt. Engineer, Ministry of Road Tpt. & Highways, PWD Annexe Building, K.R. Circle, Bangalore-560001.
3. The Accountant General, Karnataka, Bangalore-560 001.
4. The Pay & Accounts Officer, Ministry of Road Tpt. & Highways, IOA Building, Jammagar House, New Delhi.
5. The Pay & Accounts Officer, Ministry of Road Tpt. & Highways, Kandriya Sadan, 1st Floor, 17-Main Road, W-Block, Bangalore-34.
6. The Principal Director of Audit, Economics & Services Ministries, A.G.C.R. Building, New Delhi.
7. PFI Division, Ministry of Finance, North Block, New Delhi.

End:-As above.


(Rajinder Kumar)

Under Secretary to the Government of India

Copy to:-

1. P.E. to Minister (BT&H).
2. CE(NHDP-IV) M/o Road Transport & Highways, New Delhi
3. CE(EAP), M/o Road Transport & Highways, New Delhi.
4. CE(Itech.), M/o Road Transport & Highways, New Delhi
5. Senior Technical Director, NIC, M/o Road Transport & Highways, New Delhi.
6. CE (P-6) / SE (P-6) / JEE (P-6) / W&A. Section/ FM (TF-II) / Guard file


(Savita)
Section Officer (P-6)
Tele No-28321700



GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
(Zone-4)

Transport Bhawan,
1 Parliament Street,
New Delhi-110 001

Dated 29th December, 2017

NH-12014/23/2017-KN (Zone-4)

To,

The Secretary to the Government of Karnataka,
Public Works Department,
Vidhana Soudha,
W.S. Building,
Bangalore-560 001

Subj - Estimate for the work of widening to two lane with paved shoulder from Km. 24.600 to Km. 70.065 of Mudgere-Kabur Section of NH-173 on EPC mode in the State of Karnataka.

Job No. NH-173-KN-2017-19-873

Sir,

I am directed to refer to CE (NH), Bangalore letter No. CNH/TA-4/AE2/ NH-173/DOR-Package-III/2017-18/956 dated 27.05.2017 forwarding an estimate amounting to Rs 332.03 crore for the above noted work and to say that the estimate has been examined in the Ministry and modified for Rs. 297.30 crore in the light of comments contained in the enclosed Technical Note.

2. I am to convey the technical, administrative and financial sanction of the President of India to the estimate amounting to Rs. 297.30 crore (Rupees Two hundred ninety seven crore & 30 lakhs only).

3. The work has been assigned Job No. NH-173-KN-2017-19-873. This Job No. may be quoted in all future correspondence regarding this work.

4. The expenditure is debitable to Major Head '5054' Capital Outlay on Roads & Bridges, 01-National Highways (Sub Major Head), 01.337 Road Works (Minor Head), 03 (NH- Original Works), 03.01 Works financed from Central Road Fund 03.01.89 Major Works under demand No. '61'- Ministry of Road Transport & Highways NH (C) for the year 2017-18.

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

- (i) The work shall be executed by inviting the E-tender on EPC mode
- (ii) The work shall be completed as targeted and indicated in the enclosed technical note to ensure that there shall not be any cost over-run due to time over run.
- (iii) In accordance with the orders contained in this Ministry's Circular letter No RW/NH-11026/2/99-US(D-2) dated 29/10/2001 issued in supersession of earlier Circular NO. RW/NH/11026/2/99-US(D-1) dated 15.01.2000, if the cost of tender exceeds 5% of sanctioned estimated cost, the revised estimate be got sanctioned from the Ministry. Further, the tenders for the work shall be invited by adopting e-procurement/e-tendering procedure as per Ministry's Circular No. RW/NH-24035/4/2008-P&N/PIC dated 21.05.2010. In addition to guidelines issued by this Ministry's Circular letter No. RW/NH-11024/3/99/US(D-2) dated 09.03.2000, No. RW/NH-24035/4/2008-P&N dated 21.05.2010 and No. NH-12037/67/2010/UMVE dated 02.08.2010 the work shall be awarded as per guidelines issued by the Ministry vide letter No. NH-25015/29/2001-N dated 05.07.2001.

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 necessary for incurring expenditure beyond permissible limits arises.

N.P. 12004/23/20

- (v) The expenditure during the current financial year on this work as also on work should not exceed the allotment placed at the disposal of the State Govt. in the year.
6. Quarterly progress report in the stipulated proforma may be sent to this Ministry as to all sanctioned works in respect of this work.
7. The technical approval and financial sanction may lapse after six months from the date case the work is not awarded within that period.
8. The following physical and financial target shall be strictly adhered to. Phasing of exp. be as given below:-

Financial Year	Milestone	Physical %age	Cumulative progress		
			Financial (Rs. in cr.)		
			Construction	Maintenance	Total (I)
2017-18	Milestone-I	30%	85.74	0.00	85.74
2018-19	Milestone-II	70%	200.06	0.00	200.06
2019-20	Milestone-III	100%	285.61	0.00	285.61
2020-21	Maintenance	100%	0.00	1.15	286.76
2021-22	Maintenance	100%	0.00	2.30	289.06
2022-23	Maintenance	100%	0.00	3.45	292.51
2023-24	Maintenance	100%	0.00	4.60	297.11

9. This sanction issues with the concurrence of the Finance Wing vide U.O. No. 1097/TF-11/17 dt. 08.08.2017.

Yours faithfully

(Ram Raj Mehta)

Under Secretary to the Government of India

Copy with a copy of technical note forwarded to:-

1. The Chief Engineer, National Highways, K.R. Circle, Bangalore-560 001.
2. The Supdt. Engineer, Ministry of Road Tpt. & Highways, PWD Annexe Building, K.R. Circle, Bangalore-560001.
3. The Accountant General, Karnataka, Bangalore-560 001.
4. The Pay & Accounts Officer, Ministry of Road Tpt. & Highways, JDA Building, Jamnagar House, New Delhi.
5. The Pay & Accounts Officer, Ministry of Road Tpt. & Highways, Gandhiya Sadan, 1st Floor, 17/Manoj Road, JJ-Block, Bangalore-34.
6. The Principal Director of Audit, Economics & Services Ministries, A.C.C.A. Building, New Delhi.
7. CGM, NHAD, Karnataka
8. PF-1 Division, Ministry of Finance, North Block, New Delhi.

Encl:-As above.

(Ram Raj Mehta)

Under Secretary to the Government of India

Copy to:-

1. P.S. to Minister (RT&H)
2. CE (Zone-6) /PW (TF-11) / Guard file

K. Rajesh Kumar
Secretary



No 12014/33/2017-KNT
Government of India
Ministry of Road Transport & Highways
(Zone-4)

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

Dated: 22nd January, 2018

To

The Secretary to the Government of Karnataka,
Public Works Department,
Vidhana Soudha,
A.S. Building,
Bangalore-560 001

Sub: - Estimate for the work of widening to two lane with paved shoulders from Km. 20/150 to Km. 40.000 of BC Road Kottigenera section of NH- 234 on EPC mode in the State of Karnataka.

(Job No. NH-234-KNT-2017-18-875)

Sir,

I am directed to refer to CE (NH), Bangalore letter No. CNH/TA-4/AE2/ NH-234/DOR-Package-1/2017-18/4524 dated 29.11.2017 forwarding an estimate amounting to Rs. 159.70 crore for the above noted work and to say that the estimate has been examined in the Ministry and modified for Rs. 159.70 crore in the light of comments contained in the enclosed Technical Note.

2. I am to convey the technical, administrative and financial sanction of the President of India to the estimate amounting to Rs. 159.70 crore (Rupees One hundred fifty nine crore & seventy lakh only).

3. The work has been assigned Job No. NH-234-KNT-2017-18-875. This Job No. may be quoted in all future correspondence regarding this work.

4. The expenditure is debitable to Major Head '5054' Capital Outlay on Roads & Bridges, 01-National Highways (Sub Major Head), 01.357 Road Works (Minor Head), 03 (NH Original Works), 03.01 Works financed from Central Road Fund 03.01.53 Major Works under demand No. '61' Ministry of Road Transport & Highways NH (O) for the year 2017-18.

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

(i) The work shall be executed by inviting the E-tender on EPC mode.

(ii) The work shall be completed as targeted and indicated in the enclosed technical note to ensure that there shall not be any cost over-run due to time over-run.

(iii) In accordance with the orders contained in this Ministry's Circular letter No. RW/NH-11026/2/99-US(D-1) dated 29/10/2001 issued in supersession of earlier Circular No. RW/NH/11026/2/99-US(D-1) dated 13.01.2000, if the cost of tender exceeds 5% of sanctioned estimated cost, the revised estimate be got sanctioned from the Ministry. Further, the tenders for the work shall be invited by adopting e-procurement/e-tendering procedure as per Ministry's Circular No. RW/NH-24035/4/2008-P&M/PIC dated 21.05.2011, in addition to guidelines issued by this Ministry's Circular letter No. RW/NH-11024/3/99/US(D-1) dated 09.03.2000, No. RW/NH-24035/4/2008-P&M dated 21.05.2010 and No. NH-12037/07/2010LWT dated 02.08.2010. The work shall be awarded as per guidelines issued by the Ministry vide letter No. NH-15015/29/2001-PL dated 05.07.2001.

(iv) 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 necessary for incurring expenditure beyond permissible limits arises.

(v) 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 Government during the year.

_____ /

NH-12014/33/2017-MNT(Zone-4)

Regional Officer, M/ORT&H, Bangalore will be Drawing and Disbursing Officer.

Quarterly progress report in the stipulated proforma may be sent to this Ministry as is being done for all sanctioned works in respect of this work.

The technical approval and financial sanction may lapse after six months from the date of its issue in case the work is not awarded within that period.

The following physical and financial target shall be strictly adhered to. Phasing of expenditure shall be as given below:-

Financial Year	Milestone	Physical %age	Cumulative progress		
			Financial(Rs. in cr.)		
			Construction	Maintenance	Total (Rs. in cr.)
2017-18	Milestone-I	30%	46.43	0.00	46.43
2018-19	Milestone-II	70%	108.35	0.00	108.35
2019-20	Completion	100%	154.78	0.00	154.78
2020-21		100%	0.00	0.49	155.27
2021-22		100%	0.00	0.98	156.25
2022-23		100%	0.00	1.48	157.73
2023-24		100%	0.00	1.97	159.70

This sanction issues with the concurrence of the Finance Wing vide U.O. No. 2106/TF-II/17 dated 2.2017.

Yours faithfully,

(Ram Raj Meena)

Under Secretary to the Government of India

with a copy of technical note forwarded to:-

The Chief Engineer, National Highways, K.R. Circle, Bangalore-560 001.

The Supd. Engineer, Ministry of Road Tpt. & Highways, PWD Annex Building, K.R. Circle, Bangalore-560001.

The Assistant General, Karnataka, Bangalore-560 001.

The Pay & Accounts Officer, Ministry of Road Tpt. & Highways, IDA Building, Jamnagar House, New Delhi.

The Pay & Accounts Officer, Ministry of Road Tpt. & Highways, Kandriya Sahan, 1st Floor, 17-Main Road, B-Block, Bangalore-34.

The Principal Director of Audit, Economics & Services Ministries, A.C.S.W. Building, New Delhi, Dist. NDAI, Patna/Varanasi.

The Director, Ministry of Finance, North Block, New Delhi.

As above.

(Ram Raj Meena)

Under Secretary to the Government of India

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NH-12014/33/2017-KINT(Zone-4)

Regional Officer, W/oRTEH, Bangalore will be Drawing and Disbursing Officer.

Quarterly progress report in the stipulated proforma may be sent to this Ministry as is being done for sanctioned works in respect of this work.

The technical approval and financial sanction may lapse after six months from the date of its issue if the work is not awarded within that period.

The following physical and financial target shall be strictly adhered to. Phasing of expenditure shall be given below:-

Financial Year	Milestone	Physical %age	Cumulative progress		
			in	Financial (Rs. in cr.)	
				Construction	Maintenance
7-18	Milestone-I	30%	46.43	0.00	46.43
8-19	Milestone-II	70%	108.35	0.00	108.35
9-20	Completion	100%	154.78	0.00	154.78
0-21		100%	0.00	0.49	155.27
1-22		100%	0.00	0.98	156.25
2-23		100%	0.00	1.48	157.73
3-24		100%	0.00	1.97	159.70

This sanction issues with the concurrence of the Finance Wing vide U.O. No. 2106/TF-II/17 dated 2017.

Yours faithfully,

(Ram Raj Meena)

Under Secretary to the Government of India

With a copy of technical note forwarded to:-

1. Chief Engineer, National Highways, K.R. Circle, Bangalore-560 001.

2. Subdt. Engineer, Ministry of Road Tpt. & Highways, PWD Annexe Building, K.R. Circle, Bangalore-560001.

3. Accountant General, Karnataka, Bangalore-560 001.

4. Pay & Accounts Officer, Ministry of Road Tpt. & Highways, IDA Building, Jamnagar House, New Delhi.

5. Pay & Accounts Officer, Ministry of Road Tpt. & Highways, Kandriya Sadan, 1st Floor, 17-Main Road, II-Block, Bangalore-34.

6. Principal Director of Audit - Economics & Services Ministries, A.G.C.R. Building, New Delhi.

7. NHAI, Karnataka

8. Division, Ministry of Finance, North Block, New Delhi.

As above.

(Ram Raj Meena)

Under Secretary to the Government of India

cc:-

to Minister (RTEH)/CE (Zone-4) /PW (TF-II) / Guard file.



No 12014/63/2017-KN
Government of India
Ministry of Road Transport & Highways
(Zone-4)

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

Dated: 26th March, 2018

To

The Secretary to the Government of Karnataka,
Public Works Department,
Vidhana Soudha,
W.S. Building,
Bangalore-560 001

Subj: - Estimate for the work of improvement and reconstruction to two lane with paved shoulder from Km. 489.645 (new Km. 58.125) and Km. 537.500 (new Km. 105.780) of Chikkamagaluru to Blikere section of NH- 373 in the State of Karnataka on EPC mode.

(Job No. NH-373-KN-2017-18-892)

Sir,

I am directed to refer to CE (NH), Bangalore letter No. CNH/TA-4/AE2/SH-75/DPR-Package-III/2017-18/4464 dated 27.11.2017 forwarding an estimate amounting to Rs 349.27 crore for the above noted work and to say that the estimate has been examined in the Ministry and modified for Rs. 325.86 crore in the light of comments contained in the enclosed Technical Note.

2. I am to convey the technical, administrative and financial sanction of the President of India to the estimate amounting to Rs. 325.86 crore (Rupees three hundred twenty five crore & eighty six lakh only).

3. The work has been assigned Job No. NH-373-KN-2017-18-892. This Job No. may be quoted in all future correspondence regarding this work.

4. The expenditure is debitable to Major Head '5054' Capital Outlay on Roads & Bridges, 01-National Highways (Sub Major Head), 01.337 Road Works (Minor Head), 03 (NH Original Works), 03.01 Works financed from Central Road Fund 03.01.53 Major Works under demand No. 181-Ministry of Road Transport & Highways NH (O) for the year 2017-18.

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

(i) The work shall be executed by inviting the E-tender on EPC mode.

(ii) L1/CA will be issued only after the issue of entrustment notification u/s 5 of NH Act, 1956.

(iii) The work shall be completed as targeted and indicated in the enclosed technical note to ensure that there shall not be any cost over-run due to time over run.

(iv) In accordance with the orders contained in this Ministry's Circular letter No. RW/NH-11026/2/99-US(D-1), dated 29/10/2001 issued in supersession of earlier Circular NO. RW/NH/11026/2/99-US(D-1) dated 13.01.2000, if the cost of tender exceeds 5% of sanctioned estimated cost, the revised estimate be got sanctioned from the Ministry.

Further, the tenders for the work shall be invited by adopting e-procurement/e-tendering procedure as per Ministry's Circular No. RW/NH-24035/K/2008-P&M/PIC

Secretary to the Government of India

dated 21.05.2011, in addition to guidelines issued by this Ministry's Circular let RW/NH-11024/3/99/US(D-I) dated 09.03.2000, No. RW/NH-24035/4/2008-P&M, 21.05.2010 and No. NH-12037/57/2010LWE dated 02.08.2010. The work shall be awarded as per guidelines issued by the Ministry vide letter No. NH-13015/29/2001 dated 05.07.2001.

1. 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 necessary for incurring expenditure beyond permissible limits arises.
2. 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 Government during the year.
3. Regional Officer, M/oRT&H, Bangalore will be Drawing and Disbursing Officer.
4. Quarterly progress report in the stipulated proforma may be sent to this Ministry as is being done for all sanctioned works in respect of this work.
5. The technical approval and financial sanction may lapse after six months from the date of its issue in case the work is not awarded within that period.
6. The following physical and financial target shall be strictly adhered to. Phasing of expenditure shall be as given below:-

Year	Milestone	Physical (Cumulative)	Cumulative progress		
			Financial (Rs. in cr.)		
			Construction	Maintenance	Total
2017-18	Milestone I	10%	31.34	0	31.34
2018-19	Milestone II	70%	219.39	0	219.39
2019-20	Completion	100%	313.42	0	313.42
2020-21		100%	0	1.25	314.67
2021-22		100%	0	2.50	317.16
2022-23		100%	0	3.73	320.89
2023-24		100%	0	4.96	325.86

10. This sanction issues with the concurrence of the Finance Wing vide U.O. No. 2377/TF dated 22.01.2016.

Yours faithfully,
(Ram Raj Meena)

dated 21.05.2016
RW/NH-1
21.05.2016
award
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dated 21.05.2011, in addition to guidelines issued by this Ministry's Circular letter No. RW/NH-11024/3/99/US(D-I) dated 09.03.2000, No. RW/NH-24035/4/2008-PEM dated 21.05.2010 and No. NH-12037/67/2010LWE dated 02.08.2010. The work shall be awarded as per guidelines issued by the Ministry vide letter No. NH-15015/29/2004-PL dated 03.07.2004.

- (iv) 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 necessary for incurring expenditure beyond permissible limits arises.
- (v) 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 Government during the year.
6. Regional Officer, M/ORT&R, Bangalore will be Drawing and Disbursing Officer.
7. Quarterly progress report in the stipulated proforma may be sent to this Ministry as is being done for all sanctioned works in respect of this work.
8. The technical approval and financial sanction may lapse after six months from the date of its issue in case the work is not awarded within that period.
9. The following physical and financial target shall be strictly adhered to. Phasing of expenditure shall be as given below:-

Year	Milestone	Physical (Cumulative)	Cumulative progress		
			Financial (Rs. in cr.)		
			Construction	Maintenance	Total
2017-18	Milestone I	10%	31.34	0	31.34
2018-19	Milestone II	70%	219.39	0	219.39
2019-20	Completion	100%	313.42	0	313.42
2020-21		100%	0	1.23	314.67
2021-22		100%	0	2.50	317.16
2022-23		100%	0	3.73	320.89
2023-24		100%	0	4.96	325.86

10. This sanction issues with the concurrence of the Finance Wing vide U.O. No. 2377/TF-1117 dated 12.04.2018.

Your faithfully,

(Ram Raj) Meena

Under Secretary to the Government of India

No 12014/63/2017-KNT

Copy with a copy of technical note forwarded to: -

1. The Chief Engineer, National Highways, K.R. Circle, Bangalore-560 001.
2. The Supdt. Engineer, Ministry of Road Tpt. & Highways, PWD Annexe Building, K.R. Circle, Bangalore-560001.
3. The Accountant General, Karnataka, Bangalore-560 001.
4. The Pay & Accounts Officer, Ministry of Road Tpt. & Highways, IDA Building, Jamnagar House, New Delhi.
5. The Pay & Accounts Officer, Ministry of Road Tpt. & Highways, Kandriya Sadan, 1st Floor, 17-Main Road, II-Block, Bangalore-34.
6. The Principal Director of Audit, Economics & Services Ministries, A.C.C.R. Building, New Delhi.
7. CGM, NHAI, Karnataka
8. PFI Division, Ministry of Finance, North Block, New Delhi.

Encl: -As above


26/3/2018
(Ram Raj Meena)

Under Secretary to the Government of India

TO	
FROM	
SUBJECT	
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11/3

No. RW/NH-12014/48/2018-KNT (Z-4)
 GOVERNMENT OF INDIA
 MINISTRY OF ROAD TRANSPORT & HIGHWAYS
 (Zone - 4)
 Transport Bhawan, 1, Parliament Street, New Delhi-110 001

Dated: 6 March, 2019

To
 The Secretary to the Government of Karnataka,
 Public Works Department,
 Vidhana Soudha,
 M.S. Building,
 Bangalore-560 001

Subject: - Construction of Major Bridge across Sharavathi Backwaters and approaches between Ambargodu and Kalasavalli of NH-369E in the State of Karnataka on EPC Mode.

Sir, (Job No. NH-369E-KNT-2018-19-895)

I am directed to refer to CE (NH), PWD, Karnataka letter No. CNH/TA-1/AE-4/NH-369E/Singhadur Bridge/2018-19/2778 dated 28.09.2018 forwarding therewith an estimate amounting to Rs. 456.67 Crore for the above noted work and to say that the estimate has been examined in the Ministry & approved for Rs. 423.15 Crore in the light of comments contained in the enclosed Technical Note.

2. I am to convey the technical, administrative and financial sanction of the President of India to the modified estimate amounting to Rs. 423.15 Crore (Rupees Four hundred twenty three Crore and Fifteen Lakhs only) including agency charges @3% for the above noted work.

3. The work has been assigned (Job No. Job No. NH-369E-KNT-2018-19-895). This Job number may be quoted in all future correspondence regarding this work.

4. The expenditure on the work is debitable to Major Head '5054' Capital Outlay on Roads & Bridges, 01-National Highways (Sub Major Head), 01.337 Road Works (Minor Head), 03-NH Original Works, 03.01 Works financed from Central Road Fund 03.01.53 Major Works under demand No. 181 - Ministry of Road Transport & Highways NH (C) for the year 2018-19.

5. In accordance with the orders contained in this Ministry's Circular letter No. RW/NH-11026/2/99-US(D-I) dated 29/10/2001 addressed to the State Public Works Department, if the cost of tender exceeds 3% of sanctioned estimated cost, the revised estimate be got sanctioned from the Ministry. Further, the tenders for the work shall be invited by adopting e-procurement/e-tendering procedure as per Ministry's Circular No. RW/NH-24035/4/2008-P&M/PIC dated 21.05.2011, in addition to guidelines issued by this Ministry's Circular letter No. RW/NH-11024/3/99-US(D-I) dated 09.03.2000, No. RW/NH-24035/4/2008-P&M dated 21.05.2010 and No. NH-12037/67/2010 LWE dated 02.08.2010. The work shall be awarded as per guidelines issued by the Ministry vide letter No. NH-15013/29/2001-PL dated 05.07.2001.

11/3

No. RW/NH-12014/48/2018-KNT
 Government of India
 Ministry of Road Transport & Highways
 (Zone - 4)
 Transport Bhawan, 1, Parliament Street,
 New Delhi-110001.

Date: 06.03.2019

TECHNICAL NOTE

1.	Name of work	Construction of Major Bridge Across Sharavathi Backwaters and approaches between Ambargodu and Kalasavalli Near Sigandhur in Sagar Taluk on NH 369E in the State of Karnataka on EPC mode.	
2.	State/Division	Karnataka / NH Division, Chitradurga	
3.	NH No.	NH369E	
4.	Estimated cost (Rs. In Cr.)	As submitted by State P.W.D. 459.85	Estimate modified in the Ministry 423.15
5.	Reference	CE (NH), Letter No CENH/TA-1/AE-4/NH-369E/Signadhur Bridge/2018-19/2778 dated 28.09.2018 & Letter No CENH/TA-1/AE-4/NH-369E/Signadhur Bridge/2018-19/4359 dated 29.12.2018	

COMMENTS

1. Scope of work: Construction of Major Bridge across Sharavathi Backwaters and approaches between Ambargodu and Kalasavalli near sigandhur in sagar taluk on NH369E in the state of Karnataka on EPC mode.
2. Provisions:
 - 2.1 Site: The State PWD has proposed to construction of the new Major Bridge on Sharavathi Backwaters and approaches between Ambargodu and Kalasavallinear sigandhur in sagar taluk on NH369E in the state of Karnataka. The depth of water in the backwater varies from 25-30m. The existing road will be in the hilly terrain with the available existing ROW between 15m to 16m in the approach road.
 - 2.2 Hydraulic & Geotechnical particulars:
 - i. Catchment area : 1991.556 Sq. km
 - ii. Highest Flood Level (including afflux) : RL 555.014 m
 - iii. Lowest Bed Level : RL 514.014 m
 - iv. Maximum Scour level at abutment location : RL 556.160 m
 - v. Maximum Scour level at pier location : RL 516.57m
 - vi. Type of foundation : Pile foundation
 - vii. Pile termination level for abutment and piers : varying from RL 523.477m to RL 500.805m
 - viii. Finished Road Level : 560.765m
 - 2.3 Span arrangement: It is proposed to provide 2nos of Balanced Cantilever PSC Segmental Box Girder modules of 220m (65m-90m+65m) + 2nos of Extradosed

3. Other provisions:
- i. Embankment slope on both having embankment height of more than 3.0m shall be protected by providing stone pitching and less than 3.0 m shall be protected by providing turfing with sods as per relevant specifications.
 - ii. Provision of construction of unlined surface drains of average cross sectional area 0.40 sqm throughout the approach road and stretch of 8040 m length.
 - iii. Provision of W-metal beam crash barrier for a total length of 1000m for embankment depth more than 3m has been considered in the estimate.
 - iv. Besides, Retro-reflectorized cautionary, mandatory and informatory sign as per IRC:67-2012, hot applied thermoplastic compound 2.5mm thick centre line and edge line marking as per IRC 35-2015, Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces in accordance with Ministry's technical specification clause NO. 803 shall be provided to serve the appropriate structural and functional need of the bridge and approaches.
 - v. Provision of 9 no. pipe culverts have been kept in the estimate along with aprons on both on upstream and downstream side and stone pitching on quadrantal portions.
4. EPC Schedules: As the cost of the estimate is more than 5 crore therefore the project shall be implemented on the EPC mode as per circular No. H-39011/30/2015-P&P (Pt.) Dated: 12.05.2017. The tender for the project having cost of civil works more than 300 crores will be invited by the CE-RO, Bengaluru. EPC schedule shall also be approved by CE-RO, Bengaluru before inviting the tender. Further, the technical provisions of the project shall be implemented as per Schedule A to D of the Agreement and the Payment of the work done by contractor shall be done as per Schedule H of agreement. Technical Specifications and standards as per Ministry's specifications and IRC codes/guidelines shall followed except the following changes, which needs to be spelt out in schedule D.
- a. DBM Grade II (Nominal aggregate size - 26.50 mm) for 60mm and 50 mm BC Grade I (Nominal aggregate size - 19.0 mm) with VG 40 or Polymer modified bitumen shall only be used in this project.
 - b. Design air void content for mix design for DBM or BC layer should be taken as 3.5% and corresponding volume of effective binder content shall be adopted. For DBM layer, minimum effective binder content will be 4.70%. DBM layer shall be compacted to achieve in-place minimum density of 94%.
 - c. Cement treated granular sub-base layer meeting 7 days unconfined compressive strength (UCS) in the range 1.50 to 3.0 MPa as per IRC SP-89 should be used in this project. It shall be cured for a minimum of three days before the construction of the next layer. In case aforesaid strength is not achieved in 3 days of curing, 7 days curing shall be done for cemented sub-base layer before the construction of the upper layer can be started.
5. Construction period: Construction period for this work has been considered as 30 months. Defects liability period and maintenance period has been considered as 10 years as specified in the Model EPC Document approved by the Ministry as per the circular No. RW/NH-37010/4/2010-EAP (Printing) Vol. - IV dated 28.11.2018.

Sl. No	ITEM	Amount as proposed by State PWD (Rs.)	Amount as modified in Ministry (Rs.)
1	Site Clearance	68,701.00	68,701
2	Earthwork	41,82,711.00	41,82,711
3	Sub bases and Base Works	93,87,279.00	97,62,079
4	Bituminous Pavement Works	1,96,21,259.00	2,29,02,749
5	Drain Works	4,64,310.00	4,64,310
6	Road Furniture	58,74,531.00	58,74,531
7	Cross Drainage Works	62,85,069.00	62,85,069
8	High Level Extradosed Bridge with balanced cantilever segmental PSC box girder	3,72,88,27,480	3,58,01,45,859
9	Protection Works	18,70,911.00	18,70,911
10	Foot Path and Kerb Works	15,93,900.00	15,93,900
11	Horticulture	17,61,760.00	0
12	Illumination charges (Lighting)	29,97,015.00	0
	Total Construction cost (A)	3,78,29,34,926	3,63,31,50,820
13	Add 2.8% Contingency	10,59,22,178	10,17,28,223
	Total cost (B)	3,88,88,57,104	3,73,48,79,043
14	Agency charges @ 3% of B	11,66,65,714	11,20,46,372
15	Supervision charges at 3 % of B	11,66,65,714	11,20,46,372
16	Price Escallation charges at @10 % of A	378,293,493	13,62,43,156
17	Maintenance charges @ 3.75% of A	65,201,362	13,62,43,156
18	Environmental Impact Assessment Studies @0.05% of A	0.00	0.00
	Total cost (C)	4,566,683,387	4,23,14,58,099
19	Afforestation charges at 8 Lakhs/ Km	2000000.00	0.00
	Total Project Completion Cost	4,566,683,387	4,23,14,58,099
	Total Project Completion Cost in Cr	456.67	423.15

8. Specifications

- (i) The nomenclature and clause numbers of the items shall be specified as per MORTH Specifications for Roads and Bridges works (fifth Revision) and all the works shall be executed strictly as per Ministry's specifications/ Ministry's circular/ guidelines issued from time to time.
- (ii) Road Marking, traffic sign boards, road side furniture, road safety works, crash barriers, delineators, boundary/ kilometer stones, pedestrian facilities, highway lighting etc. have been considered in the estimated cost.

9. Contract Documents:

Single stage two-cover bidding is to be adopted as per instructions conveyed vide Ministry's letter no. RW/NH-37010/4/2010/PIC dated 06.09.13 RFP and draft contract documents shall be as per the Model RFP circulated vide Ministry's letter no. RW/NH-37010/4/2010-PIC (Pt-RFP) dated 27.05.2014 and other amendment issued till date.

- amount provided against contingencies is available and the same has not been indirectly utilized by accepting higher tender rates. Authority's Engineer/ENC/CE (NH), Department shall also certify that approval of estimates to be charged to contingencies will not cause revision of the sanctioned estimate.
- ii. 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.
 - iii. 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 due to change in rates/tender rates for any reasons, the revised estimate shall be submitted immediately for Ministry's approval. No expenditure beyond permissible in this connection, this 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.
 - iv. In order to ensure that there is no slippage in achieving the targets, the progress may be closely monitored by ENC/CE (NH), Departmental quarterly status report be furnished to the Ministry in the prescribed proforma.
 - v. 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: 55:2001 "Guidelines on Safety in construction Zone".
 - vi. It is observed that simultaneous working at large number of work fronts in long stretches is causing severe inconvenience to traffic during construction. Therefore, it is suggested that fronts may not be operated in more than 3 km length simultaneously, without completing the bituminous surfacing in the stretches where excavation/granular layers are carried out. Suitable provisions in the contract shall be incorporated for proper traffic management.
 - vii. 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 26th May, 2003. The cost of the same will be met out of the provision of contingencies allowed in the estimate.
 - viii. The provision for centages (contingencies, quality control etc) should be utilized as per Ministry's circular Letter No. RW/G-20011/8/98-WA dated 16th August 2002. For any other item, which is not covered in paras 1.1 to 1.1.7 of above circular letter, necessary approval of Ministry (in principle) with the recommendation of RO (Bengaluru) should be taken before execution. However, sub-estimate for the same should be got approved from RO (Bengaluru) before execution.
 - ix. Provision for quality control @ 0.25% has been allowed. 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:11-1988", observing strict quality control instructions contained in the Ministry's letter No. NH-IP/P/1/83 dated 19 April 1984 and permanent records maintained thereof.
 - x. The independent quality control tests of all items from any of the accredited laboratories as per IRC: SP:94-2011 shall be carried out from the quality control provision in estimate to ensure the quality of work.