

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार) NATIONAL HIGHWAYS AUTHORITY OF INDIA

(Ministry of Road Transport & Highways, Government of India)



क्षेत्रीय कार्यालय - हैदराबाद

प्रथम तल, नया भवन, भारतीय पशासनिक स्टाफ कॉलेज, रोड नंबर 3, वंजारा हिल्स, हैदाराबाद - 500034 तेलांगाना

REGIONAL OFFICE - HYDERABAD

First Floor, New Building, Administrative Staff College of India, Road No.3, Banjara Hills, Hyderabad - 500034. Telangana. टेली / **Tele**: 040-29562147 / 48 ई-मेल / **Email**: rohyderabad@nhai.org / nhairohyd@gmail.com

Notice Inviting Public Comments

NHAI/RO-HYD/25011/1/59/2023/Utility/2838

Dt.21.01.2023

- Sub: NHAI RO Hyderabad PIU Hyderabad- Proposal for crossing of 400 KV QMDC line from proposed 400/220KV Maheshwaram SS to proposed 400/11KV Uddandapur LISS at Km 36+950 near Debbadaguda Village, Kandukur Mandal, across Hyderabad to Srisailam section of NH-765 in the State of Telangana- Reg..
- Ref:
 1. PIU lr no. NHAI/PIU-HYD/NH-765/Hyd-Dindi/TS TRANSCO/2022/1558, dt: 27.10.2022

 2. PIU lr no. NHAI/PIU-HYD/NH-765/TS TRANSCO/2022/06, dt: 03.01.2023

The Project Director, NHAI vide letters cited above has recommended the Proposal of Executive Engineer, TS TRANSCO, Erragadda for crossing of 400 KV QMDC at Km 36+950 near Debbadaguda Village, Kandukur Mandal, across Hyderabad to Srisailam section of NH-765 in the State of Telangana.

2. As per para 4 of the Ministry's guidelines no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, public comments is hereby invited on the above proposal seeking claims and objections (on grounds of public inconvenience, safety and general public interest) within 30 days on public portal i.e. website of Ministry of Road Transport and Highways (www.morth.nic.in) in Form-A (copy enclosed) for "Accommodation of Public and Industrial Utility Services along and across National Highways".

Comment Inviting Authority

The Regional Officer, National Highways Authority of India, Regional Office: Hyderabad, First Floor, New Building, Administrative Staff College of India(ASCI), College Park Campus, Road No.3, Banjara Hills, Hyderabad - 500 034, Telangana State, Phone: 040-29562147, 040-29562148, Email: rohyderabad@nhai.org, nhairohyd@gmail.com

Encls: Above Proposal

Yours faithfully,

(V. Nagamani) Dy General Manager(Tech) For Regional Officer-cum-Highway Administrator, Hyderabad

To:

- 1. Senior Technical Director, NIC, Transport Bhawan, New Delhi- 110001 for uploading on Ministry's website.
- 2. Shri S.Manivasagam, Dy. GM (IT), NHAI HQs, New Delhi for uploading on NHAI website. Copy to :- NHAI, PD, PIU Hyderabad

कारपोरेट कार्यालय : जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075. वेबसाईट : http://www.nhai.org Corporate Office : G-5 & 6, Sector-10, Dwarka, New Delhi - 110 075. Website : http://www.nhai.gov.in

FORM-A

Form for seeking claims and objections (on grounds of public inconvenience, safety and general public interest) on the application for Accommodation of Public and Industrial Utility Services along and across National Highways

Sub: NHAI - RO Hyderabad - PIU Hyderabad- Proposal for crossing of 400 KV QMDC line from proposed 400/220KV Maheshwaram SS to proposed 400/11KV Uddandapur LISS at Km 36+950 near Debbadaguda Village, Kandukur Mandal, across Hyderabad to Srisailam section of NH-765 in the State of Telangana-Reg.

The claims and objections (on grounds of public inconvenience, safety and general public interest) by the general public needs to be given within 30 days of uploading the online application for comments

SI. No	Item	Details
1	Name of the person who is desiring to give claims and objections (on grounds of public inconvenience, safety and general public interest)	
2	Address of the person	
3	Details of the application for Accommodation of Public and Industrial Utility Services along and across National Highways against which claims and objections are being given (name of applicant and other details like site address etc.)	
5	a) Application No.b) Name of applicant (who applied to	
	Accommodation of Public and Industrial Utility Services along and across National Highways)	
	c) Details of Application	
4	The claims and objections (on grounds of public inconvenience, safety and general public interest)	



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहने और राजमार्ग मंत्रालय,भारत सरकार) NATIONAL HIGHWAYS AUTHORITY OF INDIA

(Ministry of Road Transport & Highways, Government of india)

परियोजना कार्यान्वयन इकाई - हैदराबाद



अावास सं : 25A & 28A, भारत का प्रसासनिक स्टाफ कॉलेज, कॉलेज पार्क कैपस, सड़क सं : 3, बंजारा हिल्स, हैदराबाद – 500 034, तेलंगाना

PROJECT IMPLEMENTATION UNIT - HYDERABAD

Qtr.No. 25A & 28A, Administrative Staff College of India (ASCI), College Park Campus, Road No.3, Banjara Hills, Hyderabad- 500 034, Telangana

Land Mark : Near TV9 Bus Stop

टेली / Tele : 040-29550558 ई-मेल / Email : hyd@nhai.org / nhaihyd@gmail.com

NHAI/PIU-HYD/NH-765/TS Transco/2022/

Date: 03.01.2023

To Regional Officer National Highways Authority of India First Floor, New Building, ASCI, College Park Campus, Road No.3, Banjara Hills, Hyderabad - 500 034.

- Sub: NHAI, PIU-Hyderabad Proposal for crossing of 400 KV QMDC line from proposed 400/220KV Maheshwaram SS to proposed 400/11KV Uddandapur LISS near Debbadaguda Village, Kandukur Mandal, across Hyderabad to Srisailam section of NH-765 in the State of Telangana-Compliance submitted Reg.
- Ref: RO-Hyderabad lr.no. NHAI/RO-HYD/25011/1/59/2022/Utility/2392 dt. 28.11.2022

Sir,

This has reference to RO, NHAI, Hyderabad letter cited, wherein certain observations were communicated and requested to comply.

2. In this regard, applicant TS TRANSCO vide email dated 15.12.2022 furnished the compliance as under, for taking further necessary action:

S. No.	Observations	Compliance
1 ~	From the drawings, checklist and PDs recommendation letter, the location of the transmission line crossing is not clear/not mentioned. Therefore, it is requested to mention the exact chainage in all the documents such as checklist, drawings clearly.	showing the chainage of the location of transmission line crossing at km.
2	The vertical clearance from the lowest point of the Earth Wire to the top of the road shall be clearly brought out in the checklist and drawings.	
3	It is also observed that, the subject proposal has not been received in the online portal. As per the directions issued by Ministry of Road Transport & Highways (North II Zone), vide no. NOC enhancement/NIC/MoRTH/2022/1 dated 13.05.2022.	

Yours faithfully (P. Nageswara Rao) GM (T) & Project Director

कारपोरेट कार्यालय : जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075. वेबसाइट : http://www.nhai.org Corporate Office : G-5 & 6, Sector -10, Dwaraka, New Delhi - 110 075 Website : http://www.nhai.org



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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार) NATIONAL HIGHWAYS AUTHORITY OF INDIA

(Ministry of Road Transport & Highways, Government of India)



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First Floor, New Building, Administrative Staff College of India, Road No.3, Banjara Hills, Hyderabad - 500034. Telangana. टेली / Tele: 040-29562147 / 48 ई-मेल / Email: rohyderabad@nhai.org / nhairohyd@gmail.com

NHAI/RO-HYD/25011/1/59/2022/Utility/239 2

Dt.28.11.2022

The Project Director, National Highways Authority of India, Project Implementation Unit, <u>Hyderabad</u>

- Sub: NHAI RO Hyderabad PIU Hyderabad-Proposal for crossing of 400 KV QMDC line from proposed 400/220KV Maheshwaram SS to proposed 400/11KV Uddandapur LISS near Debbadaguda Village, Kandukur Mandal, across Hyderabad to Srisailam section of NH-765 in the State of Telangana- Observations Communicated-Reg..
- Ref: 1. PIU Hyderabad lr no. NHAI/PIU-HYD/NH-765/Hyd-Dindi/TS TRANSCO/2022/1558, dated 27.10.2022 (received on 18.11.2022)

Sir, Please refer to your letter no. 1558, dated 27.10.2022 recommending the subject proposal.

2. In this regard, upon broadly examining the above proposal, the following observations are noted and the same is herewith communicated for further necessary action

- i. From the drawings, checklist, and PDs recommendation letter, the location of the transmission line crossing is not clear/ not mentioned. Therefore, it is requested to mention the exact chainage in all the documents such as checklist, drawings clearly.
- ii. The vertical clearance from the lowest point of the Earth Wire to the top of the road shall be clearly brought out in the checklist, and drawings.
- iii. It is also <u>observed that the subject proposal has not been received in the online</u> <u>portal</u>. As per the directions issued by Ministry of Road Transport & Highways (North II Zone), vide no. NOC enhancement/NIC/MoRTH/2022/1, dated 13.05.2022. Therefore, <u>PD is requested to direct the applicant to submit the proposal in online</u> <u>portal</u> at <u>https://morthnoc.nic.in</u> immediately.

3. It is further observed that, there is delay in dispatching the file. It is requested to ensure that the files are processed timely.

4. In view of the above, PD is requested to comply the above observations immediately so as to take-up suitable action by this office, please.

Yours faithfully,

Nagamani)

Dy General Manager(Tech) For Regional Officer-cum-Highway Administrator, Hyderabad

TRANSMISSION CORPORATION OF TALANGANA LTD.

HYDERABAD- SRISAILAM NH-765 Crossing at km. 36.950 for Construction of 400kV QMDC Line From 400/220kv Maheshwaram SS To Proposed 400/11kv Uddandapur SS Under Palamuru-Rangareddy Lift Irrigation Scheme Transmission Line between Location No.-AP13 (DD+06 1.5M RC) & Location No-AP14 (DD+06 1.5M RC).

Name of Transmission Line: 400kV QMDC Maheshwaram - Uddandapur Transmission Line

1.	Situation of the EHV Transmission line crossing of National Highway.	n On Hyderabad-Srisailam NH-765 at km 36.950 Near Debbadaguda Village	
2.	Angle of crossing of the transmission line with the National Highway at crossing point		
3.	on either side of the crossing and also those	B) Preceding span 390 Mt.	
4.	In the event of the transmission line deviating at any of the supports of the crossing necessitating one of the structures to be as		
Į.	such deviation the deviation of the span an all	of AP13 DD+06 1.5M RC (7' 45' 2" RT)	
E	mentioned in the clause 2 above	AP14 DD+06 1.5M RC (24' 45' 32" RT)	
5.	The number, size and the material of the conductors and wires crossing the NH each wire under phase, neutral each, guard, bearer and ground cross wire should be separately described and their disposition indicated by means of sketch.	31.77 mm, Unit Weight 2.004 Kg/m. a. $(54/3.18 \text{ mm } Al_{+}+7/3.18 \text{ mm } Scouth$	
		Overall Diameter of Earth wire. – 10.98 mm. Unit weight 0.583 kg/m	
6. ~	Indicate whether the proposed guard is to be restricted to the crossing span or it is to be continued over the adjacent span.	Not Applicable	
7.	The deviation of the span on either side on the crossing shall be illustrated in the sketch mentioned in the clause 2 above.	Enclosed in sketch.	
8.	System of supply (i.e. Voltage) frequency, No. of phases, whether neutral is earthed or not.	400 KV, 50 Hz, 06 Phase Double Circuit with	
9.	Height of structure above ground and below ground separately and details of foundation.	1No. Earth Wire & 1 No. OPGW of 24 fibers. A) Location No. AP13/0 (DD+06,+1.5m RC) height above GL 57.010 M, depth below GL 3.550 M	
		B) Location No. AP14 (DD+06,+1.5m RC) height above GL 57.010 M, depth below GL 3.550 M	

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PROJECT DIRECTOR NATIONAL HIGHWAYS AUTHORITY OF INDIA PROJECT IMPLEMENTATION UNIT HYDERABAD - 500 034.

\mathbf{I}_{S}	Height of road FL above ground level measured at	Location No. AP13 DD+06 1.97 M.
	the foot of the structure.	Location No. AP14 DD+06 1.10 M.
2.	Clearance under maximum sag condition between road FL and the lowest live conductors & between road level and lowest guard wire (State if "box" type guarding is provided in case of adoptions of unearthed neutral system).	At Road = 23.00 M (Vertical Clovance)
13.	Ultimate Tensile stress of the steel wire used for guard for earth wire in tones per Sq. Cm.	Not applicable
14.	Approximate distance of each of the structures to the nearest ROAD.	Location No. AP13 DD+06 141 M. Location No. AP14 DD+06 93 M
15.	Are the proposed structure is in NH boundary.	Outside NH boundary.
16.	Are approved anti climbing devices and warning notices provided on the structures erected.	Danger Plates & Anti Climbing Devices are provided on both the Towers. Not applicable for transmission Line.
17.	arms as well as for the guard wires.	
18.	the second se	Yes, each structure is earthed.
19.	I I I I I I I I I I I I I I I I I I I	No. guys or stays are provided structures are self supporting.
20.	Contraction of the second s	Yes, the transmission line is protected instantaneously by high-speed protection relays with carrier equipment.
21,		Disc Insulator of electromechanical strength 160 KN.
22.	ensure the following protections.	a tata a second a second a second as a second as
a)	From overhanging or decaying trees which might fall on the line.	a) Tree clearance to a width of 2.3 M is done in either side of line centre.
b)	To reduce the hazard to life and property.	b) Warning boards are provided.
c)	Supporting structure including guys, from the danger of being struck by moving road vehicle.	c) Structures are at safe distance from road.
23.		25. Enclosed.

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PROJECT DIRECTOR

NATIONAL HIGHWAYS AUTHORITY OF INDIA PROJECT IMPLEMENTATION UNIT HYDERABAD - 500 034.

CHECK-LIST

FOR Hyderabad- Srisailam NH-765 Crossing at km. 36.950 for Construction of 400kv QMDC Line From 400/220kV Maheshwaram SS To Proposed 400/11kv Uddandapur SS Under Palamuru-Rangareddy Lift Irrigation Scheme Transmission Line.

S.N	0. DESCRIPTION	DETAILS
1	1. Name of the Applicant	Executive Engineer-II
	2. Address of the Applicant	Executive Engineer-II, No.2E/7, GTS Colon Erragadda, Hyderabad
3	National Highway Number	Telangana-500045. NH-765
<u>_</u> 4.	Name of Crossing	Hyderabad- Srisailam, NH-765 Road
5.	SYSTEM OF SUPPLY (i.e. VOLTAGE FREQUENCY NO.OF PHASES, WHETHEI NEUTRAL IS EARHTED OR NOT	;)
6.	Position of towers	BETWEEN LOC. AP13 DD+06 & AP14, DD+06 (at km. 36.950)
7.	NORMAL SPAN AT LAPWING	
8.	MAX.SAG AT NORMAL SPAN	13.262 M.
9.	CROSSING SPAN	246 M.
10.	Preceding span	390 M.
11.	Succeeding span	385 M.
12.	Height of structure above ground and below	A) Location AP13, DD+06,1.5m RC, height above GL 57.010 m, depth below GL 3.550m.
1	ground separately and details of foundation	B) Location AP14, DD+06, 1.5m RC height above GL 57.010m M, depth below GL 3.550m

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13.	Max. SAG OF QUAD BUNDLE ACSR Moose CONDUCTOR SIZE 54/3 [8min 3L] 3.18min at Crossing	
i4.	CLEARANCE OVER ROAD	23.00 M (Vertical Clessones)
15.	Height above ground level of (1) Lowest conductor on insulator above ground level	23.00 M (Verbcal (Les and) from existing the (over) 29.526 & 29.526 M Respectively.
16.	Height of road FL above ground level measured at the foot of the structure.	Location No. AP13 DD+06 = 1.97 M. Location No. AP14 DD+06 = 1.10 M
17.	Angle of road crossing	65 ⁰ 06' 01"
18.	Distance from NH From center of tower	Loc. No. AP13 DD+00 = 141 M. Loc. No. AP55 DD+03 = 93 M
19.	Perpendicular distance from center of tower to road	Loc. No. AP13 DD+06 = 128 M. Loc. No. AP14 DD+06 = 84M
20.	Protection of assembly to the line	NA
21.	No. of stay required	NO.
22.	Minimum Factor of Safety	Normal Condition-02 Broken Wire Condition-1.50. QUAD BUNDLE ACSR
23.	Size of power conductor mm.	Moose Conductor over all dia31.77 MM)
24.	Size of Earth Wire/OPGW	Earth Wire Dia10.98mm & OPGW Dia 11.01 mm
25.	FOUNDATION TYPE	FS
26.	PLAN PAPER DIAGRAM	ENCLOSED
	EARTHINĞ	PIPE TYPE EARTIHING

Engineer Assistant Engineer

CXBCULIVE Engineer-IL MOK 400KV/CEDEC/Rural STR/ WCCE STANSCO, Emmedda, Hedda STR/ WCCE Stansco, Emmedda, Hedda

Hand DGM(T) (SE)

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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

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क्षेत्रीय कार्यालय - हैवराबाद प्रथम तल, नया भवन, भारतीय पशासनिक स्टाफ कॉलेज, रोड नंबर 3, बंजारा हिल्स, हैदाराबाद - 500034 तेलांगाना REGIONAL OFFICE - HYDERABAD



First Floor, New Building, Administrative Staff College of India, Road No.3, Banjara Hills, Hyderabad - 500034. Telangana. हेली / Tele: 040-29562147 / 48 इन्जेल / Email: rohyderabad@nhai.org / nhairohyd@gmail.com

NHAI/RO-HYD/25011/1/59/2022/Utility/2392

Dt.28.11.2022

The Project Director, National Highways Authority of India, Project Implementation Unit, <u>Hyderabad</u>

Sub: NHAI - RO Hyderabad - PIU Hyderabad-Proposal for crossing of 400 KV QMDC line from proposed 400/220KV Maheshwaram SS to proposed 400/11KV Uddandapur LISS near Debbadaguda Village, Kandukur Mandal, across Hyderabad to Srisailam section of NH-765 in the State of Telangana- Observations Communicated-Reg..

Ref: 1. PIU Hyderabad Ir no. NHAI/PIU-HYD/NH-765/Hyd-Dindi/TS TRANSCO/2022/1558, dated 27.10.2022 (received on 18.11.2022)

Sir,

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2. In this regard, upon broadly examining the above proposal, the following observations are noted and the same is herewith communicated for further necessary action

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- ii. The vertical clearance from the lowest point of the Earth Wire to the top of the road shall be clearly brought out in the checklist, and drawings.
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- iii. It is also observed that the subject proposal has not been received in the online portal. As per the directions issued by Ministry of Road Transport & Highways (North II Zone), vide no. NOC enhancement/NIC/MoRTH/2022/1, dated 13.05.2022. Therefore, PD is requested to direct the applicant to submit the proposal in online portal at https://morthnoc.nic.in immediately.

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4. In view of the above, PD is requested to comply the above observations immediately so as to take-up suitable action by this office, please.

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