



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार) National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. Of India)

क्षेत्रीय कार्यालय, उ०प्र०(पूर्व) वाराणसी

Regional Office - U.P. (East), Varanasi

एस्-2/656, ए-3 बी, वरुणा विहार कॉलोनी, द्वितीय एवं तृतीय तल, वन प्लेस टावर
(जे०पी० मेहता सीनियर सेकेंडरी स्कूल के पीछे), सिक्रावल, वाराणसी-221002 (उ०प्र०)

S-2/656, A-3B, Varuna Vihar Colony, 2nd & 3rd floor, one place Tower
(Behind J.P. Mehta Sr. Secondary School), Sikraul Varanasi-221002 (U.P.)

दूरभाष/Phone : 91-542-2280243

: 91-542-2280372

ई-मेल/E-mail : rovaranasi1@gmail.com

: rovaransi@nhai.org

वेबसाइट/Website : www.nhai.org

Date: 20.08.2020

No. 14011/42/RO/UP(E)/2020/3178

Invitation of public comments

Sub.: Proposal for granting Permission for overhead crossing 132 KV 2-Phase Nindura-BKT TSS Line for power supply to BKT TSS Railway Station on Lucknow Ring Road, Package-3A.

The Executive Engineer, ETD-III, P.P. Power Transmission Corporation Ltd., has submitted the proposal for NOC for overhead crossing of 132 KV 2-Phase Nindura-BKT TSS Line in the subject cited stretch.

2. From the submitted proposal, it is seen that the height of both proposed structures (Transmission Towers) on which the proposed overhead line is hanging is 42.028 m and 42.025 m. The structures (Transmission Towers) on either side are being erected at distance of 68 m & 66 m respectively from the centre line of National Highway. Further, the minimum clearance of 20.150 m between the lowest conductor of the proposed line and NH carriageway shall be maintained. However, the proposed transmission line shall be crossing the National Highway at 05 degree.

3. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

4. In view of the above, comments of the public on the above application is invited to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained

The Chief General Manager cum Regional Officer,
National Highways Authority of India
Regional Office, U.P-East, Varanasi
S-2/656, A-3B, VarunaVihar Colony,
2nd & 3rd Floor, One Place Tower,
Behind J.P. Mehta Sr. Secondary School,
Sikraul, Varanasi-221002 Email: rovaransi@nhai.org

This issue with the approval of CGM (Tech.)/RO.

Encl: As above

Cm
20/08
(C.M.Dwivedi)
General Manager (Tech.)

Copy to:

- Web Admin, NHAI-HQ- with request for uploading on the NHAI website.
- The Technical Director, NIC, Transport Bhawan, New Delhi - with request for uploading on the Ministry's website.
- The Executive Engineer, Electricity Transmission Division-III, UPPTCL, Room No. 217-222, "transmission Bhawan" SLDC Compus, Vibhuty Khand, Gomti Nagar, Lucknow for information please.
- The Project Director, NHAI, PIU-Lucknow- for information please.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
(Ministry of Road Transport & Highways, Govt. of India)

परियोजना कार्यान्वयन इकाई, लखनऊ
Project Implementation Unit, Lucknow

3/248, विशाल खण्ड, गोमती नगर, लखनऊ-226010
3/248, Vishal Khand, Gomti Nagar, Lucknow-226010

दूरभाष / Phone: 91-522-2302167

ई-मेल / E-mail : luc@nhai.org

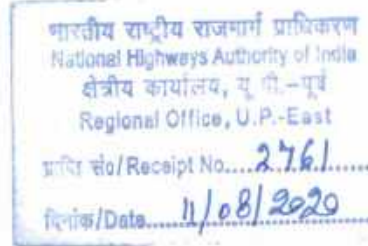
वेबसाइट / Website: www.nhai.gov.in

NHAI/PIU/LKO/LRR/Pkg-3A/NOC/2020/1046

Dated: 11/10.08.2020

To,

The Regional Officer
National Highways Authority of India,
Regional Office-UP-East,
S-2/656, A-3B, Varuna Vihar Colony,
2nd & 3rd Floor, One Place Tower,
(Behind J.P. Mehta Sr. Secondary School),
Sikraul, Varanasi-221002.



Sub:- Proposal for granting permission laying overhead 132KV 2-Ph. Nindura-BKT TSS line for power supply of BKT TSS Rly. Station on Lucknow Ring Road Pkg-3A-reg.

Ref:- Executive Engineer, ETD-III, UPPTCL, Lucknow letter no. 710/ETD-III (L)/BKT TSS dated 20.07.2020.

Sir,

This has reference to the above cited letter dated 20.07.2020 vide which the Executive Engineer had submitted the proposal for granting permission laying overhead 132KV 2-Ph. Nindura-BKT TSS line for power supply of BKT TSS Rly. station on Lucknow Ring Road Pkg-3A, District Lucknow in the State of U.P.

The proposal has been examined by this office and found in order. Therefore, the original proposal in three sets is being forwarded with recommendation of this office to grant the permission for the above said works.

Yours faithfully

Encl.: As above. (2 sets)

(N. N. Giri)
General Manager (T)/Project Director

Copy to:

1. The Executive Engineer, ETD-III, UPPTCL, Lucknow.

Mg (N)
11/08
Sh. Mahesh/Pr
Pls put up
13/08/20

उत्तर प्रदेश पावर ट्रान्समिशन कॉर्पोरेशन लिमिटेड

(उ. प्र. सरकार का उपक्रम)

U.P. POWER TRANSMISSION CORPORATION LIMITED

(A Govt. of Uttar Pradesh Undertaking)

OFFICE OF THE EXECUTIVE ENGINEER
Electricity Transmission Division- III, Lucknow
Room No. 217-222, "Transmission Bhawan"
SLDC Campus, Vibhuti Khand,
Gomti Nagar, Lucknow - 226010 (U.P.)
Mobile : 191-8004911037



कार्यालय अधिशासी अभियंता
विद्युत प्रसारण खण्ड - तृतीय, लखनऊ
कक्षा संख्या 217-222, "प्रसारण भवन"
एरा.एल.डी.सी परिसर, विभूति खण्ड
गोमती नगर, लखनऊ 226010
E mail: eeel3lko@gmail.com

Date : 20/7/20

Ref: 7 (3/ITD-III(L)/BKT TSS

Sub: Construction of 132 KV 2-Ph Nindura - BKT TSS Line for Power supply of BKT TSS Rly. Station.

Project Director
NHAI
1/73-G, Vineet Khand
Gomti Nagar,
Lucknow

Sir,

Kindly take the reference of this office letter no. 1145 dt. 15.11.2019 regarding above cited subject. In this context the coordinates / FRL provided by your office detailed route alignment & profile of 132 KV Nindura - BKT TSS line is hereby submitted alongwith License agreement for permission on NH Land.

All the documents signed by the competent authority and may be return back to this office so that the work may be started as early as possible.

Encl: As above

(Sanjeev Bhasker)
Executive Engineer

C.C. (through e-mail):

1. Chief Engineer (TC), UPPTCL, Lucknow.
2. Superintending Engineer, Electricity Transmission Circle-I, Lucknow.
3. SDO, Electricity Transmission Sub Division-I, Barabanki.
4. M/S Man Structural Pvt. Ltd, Jaipur with the request to expedite the work.

Makes h
per search relevant
file and then put up

24/7

कार्यालय अधिशासी अभियंता
विद्युत प्रसारण खण्ड - तृतीय, लखनऊ

संख्या 1434

दिनांक 21/7/2020

आचार्य हेतु वापस

प्रमुख (सक.)	
उप प्रमुख (सक.)	
उ. प्र. प्र. (सक.)	
सहायक अभियंता	
वि. सहायक-1	
वि. सहायक-2	
सू. अभियंता विभाग	
कार्यालय	

U.P POWER TRANSMISSION CORPORATION LIMITED

CROSSING OF NATIONAL HIGHWAY - (U/C) for 132 kv 2-ph Nindura- Bakshi Ka Talab TSS Transmission line

Sl. No.	Description	Details									
1	Situation of EHV Transmission Line Crossing pn National Highway-91	On LRR, Package IIIA at village Khajari-BKT chainage to 38A/0 to 38B/0									
2	Site plan showing location of crossing (with Highway Boundaries) in reference to Highway mileage and telegraph posts or electric structure on electric	Enclosed in triplicate DRAWING NO.- 132KV / NINDURA - BAKSHI / PROFILE-02									
3	Angle of crossing of the transmission line with the National highway at crossing point.	Crossing Angle 82°00'00" Degree.									
4	The length of the span at the crossing and also those on either side of the crossing.	<table border="1"> <tr> <td>Crossing span =</td><td>196</td><td>mtr</td></tr> <tr> <td>Preceding Span =</td><td>122</td><td>mtr</td></tr> <tr> <td>Succeeding Span =</td><td>267</td><td>mtr</td></tr> </table>	Crossing span =	196	mtr	Preceding Span =	122	mtr	Succeeding Span =	267	mtr
Crossing span =	196	mtr									
Preceding Span =	122	mtr									
Succeeding Span =	267	mtr									
5	In the event of the transmission line deviating at any of the supports of the crossing necessitating one of the structures to be a corner structures, state angle of such deviation. The deviation of the span on either side of crossing shall be illustrated in the sketch mentioned in the claused 3 above.	Angle of tower Loc No AP 38A (DC+10) Angle = 00°00'00" AP 38B (DC+10) Angle = 05°46'33"RT									
6	The number, size & the material of the conductors and wire crossing the tracks each wire under phase, neutral each, guard , bearer and ground cross wire should be separately described and their disposition indicated by means of sketch.	Conductor -ACSR PANTHER conductors, dia =21.0 MM of conductor-2x1 Unit weight 0.976Kg/M Aluminum – 54/3.18 Steel 7/3.18									

[Signature]

O. P. Singh
Project Manager
Main Structural Div. 1st

[Signature]

~~Executive Engineer~~
Electricity Transmission Division-III
Lucknow

U.P POWER TRANSMISSION CORPORATION LIMITED

CROSSING OF NATIONAL HIGHWAY - (U/C) for 132 kv 2-ph Nindura-Bakshi Ka Talab TSS Transmission line

Sl. No.	Description	Details
7	Indicate whether the proposed guard is to be restricted to the crossing span or it is to be continued over the adjacent span.	No guard wire is provided.
8	The deviation of the span on the either side on the crossing shall be illustrated in the sketch mentioned in the clause 3 above.	Enclosed in sketch.
9	System of supply (i.e. Voltage) frequency, No. of Phases, whether neutral is earthed or not.	132 KV, Nos Pole 02
10	Height of structure above ground and below ground separately and details of foundation.	A) Angle tower Loc no AP 38A (DC+10) height above GL 42.025 m depth Below GL 3.0 m B) Angle tower Loc no AP 38B (DC+10) height above GL 42.025 m depth Below GL 3.0 m C) Drawing enclosed for details of foundation
11	Height above ground level of (1) Lowest conductor on insulator and (2) Guard wire on bracket above ground level.	Angle tower Loc no AP 38A (DC+10)= 16.80 m AP 38B (DC+10) = 16.80 m
12	Height of road level above ground level measured at the foot of the structures	Angle tower Loc no AP 38A (DC+10)= 103.282 m AP 38B (DC+10) = 103.282 m All crossing point 20.150 m
13	Clearance under maximum sag condition between road level and the lowest live conductors & between rail level	
14	Ultimate Tensile Stress of the steel wire used for guard for earth wire in tones per Sq. Cms.	Not Applicable.
15	Approximate distance of each of the structures to the nearest NH boundary (marked by pillars) of the measured along the Alignment of the transmission line	Angle tower Loc no AP 38A (DC+10)= 68.000 m AP 38B (DC+10) = 66.000 m
16	Are the proposed structure is in railway boundary.	Outside railway boundary.
17	Are approved anticlimbing devices and warning notices provided on the structure erected	ACD Devices not applicable & warning board are to be provided on both side structures
18	Estimate block time to finish the job	Not required we shall
19	Dimensions and types of brackets used for the cross arms as well as for the guard wires.	Please see the enclosed drawing, Not applicable for transmission line.
20	In each structure of the crossing span independently earthed by means of an earth plate.	Yes, each structure is shown in the drawing.

Project Manager:

Man Structural Pvt. Ltd.

Executive Engineer
Electricity Transmission Division-III

Electricity

U.P POWER TRANSMISSION CORPORATION LIMITED

CROSSING OF NATIONAL HIGHWAY - (U/C) for 132 kv 2-ph Nindura- Bakshi Ka Talab TSS Transmission line

Sl. No.	Description	Details
21	In each structure supported by means of stage in three directions give the size of guy wires.	No, guys or stays are provided structures are self supporting.
22	If no guard is provided, in the transmission line protected by device to ensure instantaneous isolation is conduction.	Yes, the transmission line is instantaneously by high speed protection relays with carrier equipment.
23	Type of insulators used.	Porcelain Insulator 120 KN
24	State the method of maintenance to be employed to ensure the following protections.	
a)	From overhanging or decaying trees which might fall on the line.	Tree clearance to a width of 13.5 m is done on both side from centre of tower.
b)	To reduce the hazard to life & property.	Warning boards are required.
d)	Supporting structure including guys, from the danger of being struck by moving road vehicle.	Structures are at safe distance from road.
25	Drawing showing details of crossing disturbance of railway road, ground or attachment that may be necessary.	Enclosed



O. P. Singh
Project Manager
Man Structural Pvt. Ltd.



Executive Engineer
Electricity Transmission Division-III
Lucknow

उत्तर प्रदेश पावर ट्रान्समिशन कॉर्पोरेशन लिमिटेड

(उ.प्र. सरकार का उपक्रम)

U.P. POWER TRANSMISSION CORPORATION LIMITED

(A Govt. of Uttar Pradesh Undertaking)

OFFICE OF THE EXECUTIVE ENGINEER
Electricity Transmission Division- III, Lucknow
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Mobile : +91-8004911037



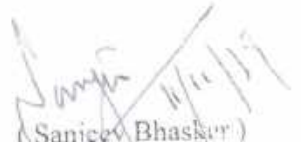
कार्यालय अधिशासी अभियन्ता
विद्युत पारेषण खण्ड - तृतीय, लखनऊ
कक्ष संख्या 217-222, "पारेषण भवन"
एस.एल.डी.सी. परिसर, विभूति खण्ड
गोमती नगर, लखनऊ-226 010
E-mail: eeetd3lko@gmail.com

Undertaking / Certificate

Sub.: Estimate for construction of 132 KV 2-Ph Nindura-Bakshi Ka Talab TSS line (between tower location no. 38A/0 to 38B/0) using Double circuit tower for Construction of NH-24 (U/C) 4 lane (Lucknow Outer ring road by pass Pkg-3A) near village Khajari – BKT in the state of Uttar Pradesh.

It is certified that the provision for the Construction of 132 KV 2-Ph Nindura-Bakshi Ka Talab TSS line made in the estimate is for Construction of existing utilities and no provision for up-gradation of the facilities include.

It is further certified that the rates adopted in the estimat is as per rates of under department and the quantities have been verified by us.


(Sanjeev Bhasker)
Executive Engineer
ETD-III, Lucknow