

भारत सरकार
सडक परिवहन और राजमार्ग मंत्रालय
क्षेत्रीय कार्यालय, भुवनेश्वर
प्लट संख्या - 184 (फायर स्टेशन चौक के पास)
वरमुन्डा, भुवनेश्वर-751003
दूरभाषा : (0674) 2960994 & 2952994
ई-मेल : robbsr.morth@gmail.com



Government of India
Ministry of Road Transport & Highways
Regional Office, Bhubaneswar
Plot No. - 184 (Near Fire Station Square)
Baramunda, Bhubaneswar-751003
Ph. No.: (0674) 2960994 & 2952994
E-mail: robbsr.morth@gmail.com

No. RO/BBSR/Utility Services/NH-57/BBSR/120/2025-1055

Date: 19th Aug, 2025

Invitation of Public Comments

Sub: Permission for erection of 33 KV transmission line on NH-57 from km 247/400 to 250/200 (RHS) (Krushna Prasad to Bankasalua) in Nayagarh district for construction of Kusumi Smart Irrigation Project (UGPL) - reg.

1. Superintending Engineer, National Highway Division, Bhubaneswar vide letter dated 29.07.2025 has submitted a proposal on the mentioned subject as detailed below:

Along the NH:

Sl. No.	NH Chainage	Available RoW (m)	Carriageway width (m)	Depth of laying of utility from GL	Length (km)	Methodology
1	Km 247/400 to 250/200 (RHS)	45.0 m	10.0	1.50 m	2.800	Open trench

2. As per Ministry's OM No. RW/NH-33044/29/2015/S&R(R) dated 22nd November, 2016 the Highway Administrator will put out the application in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest, if any).

3. In view of the above, comments of public for claims/objections, if any, on the above proposal are invited online as well as in hard copy. The strip plan/location details are enclosed herewith. The same should reach to the below mentioned address within 30 days from the date of uploading it in the website, beyond which no objection will be considered.

Address:

The Regional Officer,
Ministry of Road Transport & Highways,
Plot No -184, Near Fire Station Sq.,
Baramunda, Bhubaneswar - 751003.

Yours faithfully,

(Sudhansu Sekhar Sahu)
Senior Technical Assistant
For Regional Officer

Copy to:

- 1) The Senior Technical Director, NIC, Transport Bhawan, New Delhi - 110001- along with strip chart for uploading on the Ministry's website.
- 2) General public with request to furnish comments, if any, to the above mentioned address or by e-mail to "robbsr.morth@gmail.com"

डाकरी संख्या.....
तारीख.....
सड़क परिवहन और राजमार्ग मंत्रालय
क्षेत्रीय कार्यालय, भुवनेश्वर

Page | 1

TEL -0674-2972908-(O)
eenh_bbsr@yahoo.co.in

OFFICE OF THE EXECUTIVE ENGINEER
NATIONAL HIGHWAY DIVISION BHUBANESWAR
PLOT NO-184, NAYAPALLI, PO-BARAMUNDA, BHUBANESWAR

No. 4434 Dt. 29.07.2025
WE

To

The Regional Officer,
MoRT&H, Bhubaneswar.

Sub: - Permission for erection of 33KV transmission line on the left side of NH-57 from Krushna Prasad to Bankasalua at Nayagarh District for construction of Kusumi Smart Irrigation Project (UGPL) reg.


Sir,

In inviting a reference to the subject cited above, it is to submit herewith the following documents alongwith the site inspection report in the prescribed format duly signed by the all concerned as received from the Nayagarh Irrigation Division, Nayagarh for favour of information and necessary approval.

1. The strip plan drawing showing the NH number, the along the NH-57 with Chainages with LHS/ RHS is enclosed herewith.
2. The proposed electrical transmission line alongwith the detailed positioning of the electrical poles etc. is enclosed herewith.
3. The highest bench mark value of concerned Mouza issued by the Sub-Registrar alongwith the calculation of license fees and Performance Security as per MoRT&H guideline is enclosed.
4. An undertaking typed on a stamp paper of Rs.10/- with respect to use of all safety measures like barricading, danger lighting and other necessary caution boards to be used during construction and maintenance activities is enclosed.
5. The site inspection report in the prescribed format duly signed by the all concerned officials is enclosed.

Yours faithfully,

Encl:- As above


Superintending Engineer
N.H. Division, Bhubaneswar

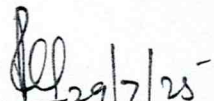
Memo No. 4435 / Dt. 29.07.2025

Copy submitted to the Chief Engineer, NHs Odisha, Bhubaneswar/ Chief Construction Engineer, Northern N.H. Circle, Bhubaneswar for favour of kind information and necessary action.

Pt. Enam

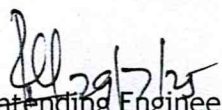
31/7

Sr. TA


Superintending Engineer
N.H. Division, Bhubaneswar

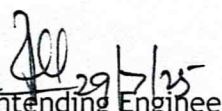
Memo No. 4436 / Dt. 29.07.2025

Copy to the Superintending Engineer, Nayagarh Irrigation Division, Nayagarh (Email id- eenidivn@gmail.com) for information and necessary action with reference to his office letter no.1828 dt.24.06.2025.


Superintending Engineer
N.H. Division, Bhubaneswar

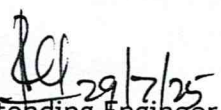
Memo No. 4437 / Dt. 29.07.2025

Copy to the Superintending Engineer, TPCODL, Nayagarh for information and necessary action with reference to the memo no.1831 dt.24.06.2025 of S.E, Nayagarh Irrigation Division, Nayagarh.


Superintending Engineer
N.H. Division, Bhubaneswar

Memo No. 4438 / Dt. 29.07.2025

Copy to the Executive Engineer, N.H Sub-Division, Nayagarh for information and necessary action.


Superintending Engineer
N.H. Division, Bhubaneswar

N.N → 5007394630

Enclosure to Site Inspection Report for 33KV Transmission line of Irrigation Water Pipeline along & across NH 57											
SI No	NH No	NH Chainage (from KM to KM)	Side of Laying (LHS/RHS)	Available ROW (Mtr.)	Width of Carriageway (Mtr.)	Embankment height (Mtr.)	Dia of Proposed utility including casing (in mm)	Methodology (Open Trench / HDD)	Depth of laying of utility from Ground level	With of Trench (in case of open trench method)	Length of 33KV transmission line (Mtr.)
1	NH-57	247/400 to 250/200	Along RHS	45	10	Avg. 4 Mtr.	0	0	0	0	2800

[Signature]
30/5/25
Superintending Engineer
Nayagarh Irrigation Division
Nayagarh

[Signature]
5/6/25
Junior Engineer
N. H. Section, Nayagarh

[Signature]
5.6.25
Executive Engineer
N. H. Sub-Division
Nayagarh

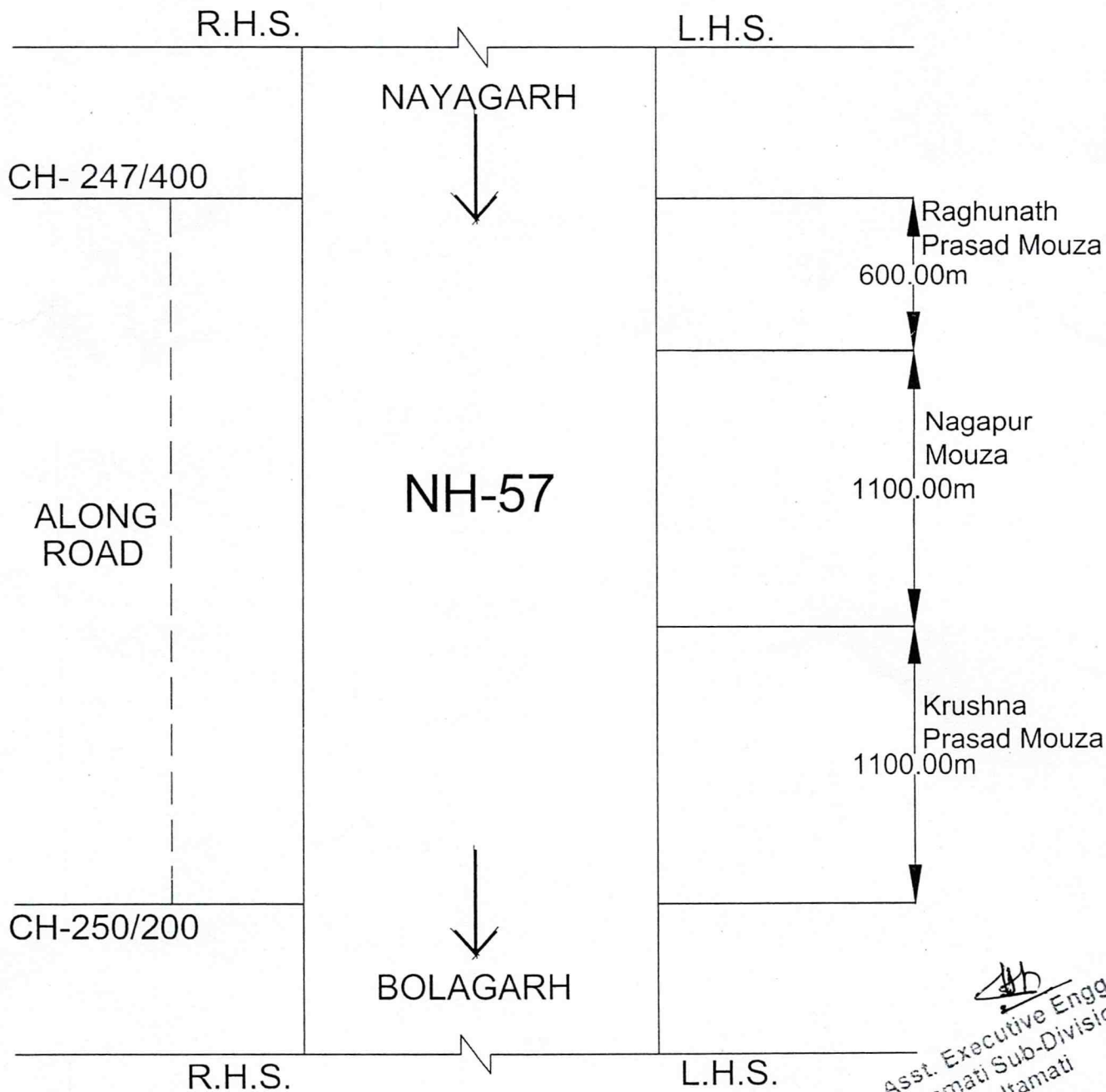
[Signature]
Team Lead
TPO DL

[Signature]
Asst. Executive Engg (E)
Itamati Sub-Division,
Itamati

[Signature]
30.05.25
JUNIOR ENGINEER
NAYAGARH IRR. SECTION-I
NAYAGARH

STRIP ROAD MAP ALONG THE NH 57

NN 5007394630



Saha
30/5/24
JUNIOR ENGINEER
NAYAGARH IRR. SECTION-I
NAYAGARH

Thakur
30/5/25
Superintending Engineer
Nayagarh Irrigation Division
Nayagarh

Saha
5/6/25
Junior Engineer
N. H. Section, Nayagarh

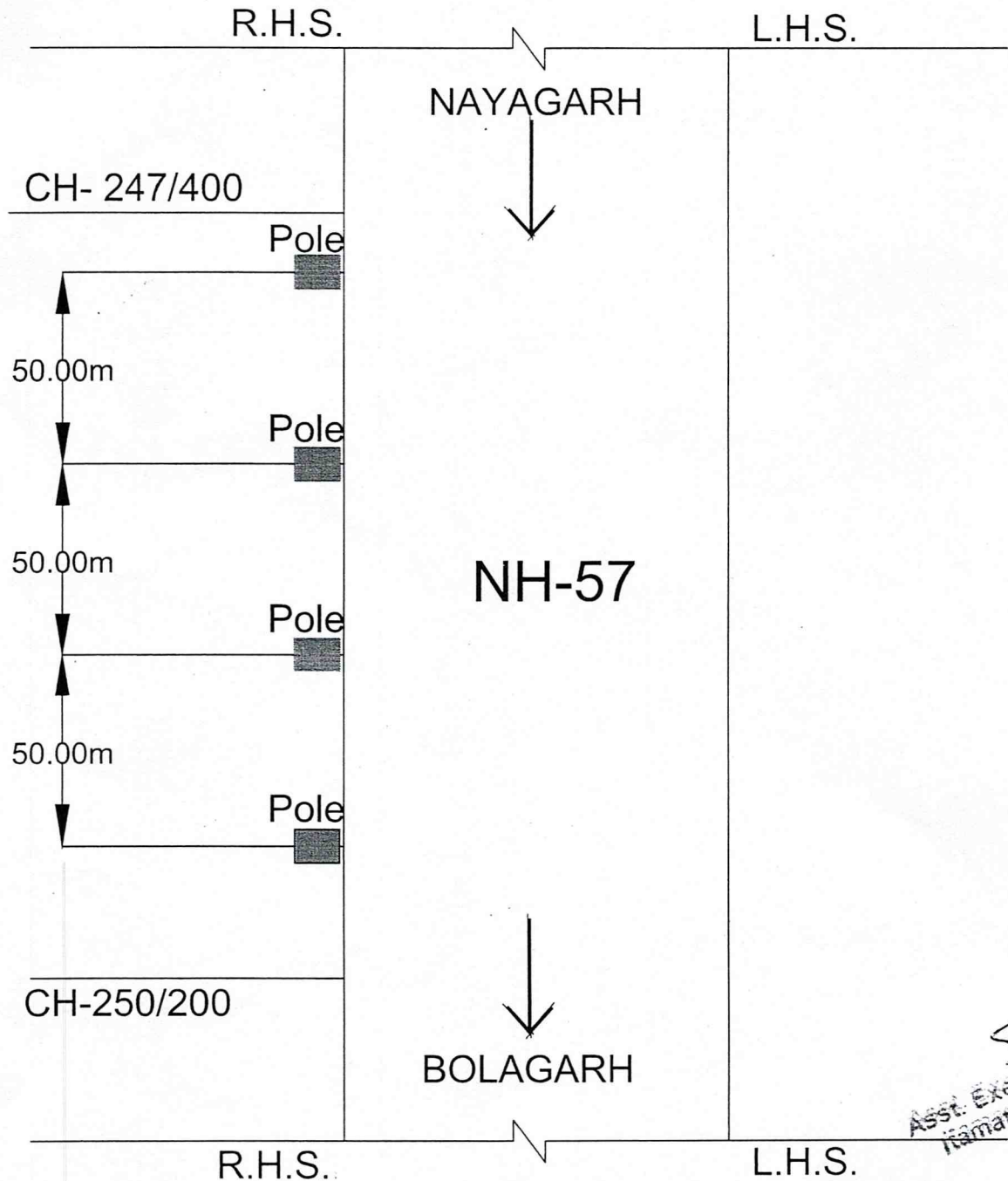
Saha
5/6/25
Executive Engineer
N. H. Sub-Division
Nayagarh

Saha
Asst. Executive Engg.(E)
Itamati Sub-Division,
Itamati

Saha
Team Lead
NEG
TPC/DL

POLE POSITIONING DETAILS

N.N → 5007394630



Per
Ram Kesh
VEG
PCOM

Asst. Executive Engg. (F)
Itamati Sub-Division
Itamati

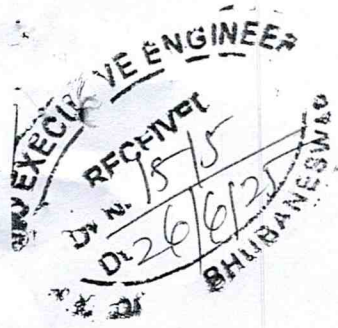
Note: 33KV transmission line will go through on the right side of NH-57 along the road. So pole height not require.

S. S. S. S.
30/5/25
JUNIOR ENGINEER
NAYAGARH IRR. SECTION-1
NAYAGARH

Superintending Engineer
30/5/25

Junior Engineer
N. H. Section, Nayagarh
5/6/25

Executive Engineer
N. H. Sub-Division
Nayagarh
5.6.2021



OFFICE OF THE SUPERINTENDING ENGINEER,
NAYAGARH IRRIGATION DIVISION, NAYAGARH
Email id-eenidivn@gmail.com

Letter No- 1828 //Date- 24.06.2025

To
The Superintending Engineer,
NH Division, BBSR,
Bhubaneswar, Odisha.

Sub: - Permission for erection of 33KV transmission line on the right side of NH -57 from Raghunathprasad to Krushnaprasad at Nayagarh District for Construction of Kusumi Smart Irrigation Project (UGPL) – reg.

Ref:- Your office letter no. 1177 dt. 17.04.2025

Sir,

With reference to the subject cited above, I am to say that for construction of under Kusumi Smart Irrigation Project (UGPL), the 33 transmission line will run along the side of NH-57 from Raghunathprasad to Krushnaprasad at Nayagarh district.

Therefore, necessary permission may kindly be accorded for execution of above work at an earliest.

Encl. – As above.

Yours faithfully

Estimator / Mahapalika Basu

Re 26/6

Bson
24/6/25

24/6/25
Superintending Engineer
Nayagarh Irrigation Division
Nayagarh

Memo No./ Dt./

Copy submitted to the Chief Engineer NHs (Odisha), Bhubaneswar / Chief Construction Engineer Northern, NH Circle, Bhubaneswar for favour of kind information and necessary action.

Superintending Engineer
Nayagarh Irrigation Division
Nayagarh

Memo No./ Dt./

Copy submitted to the Executive Engineer NH Sub Division, Nayagarh for favour of kind information and necessary action.

Superintending Engineer
Nayagarh Irrigation Division
Nayagarh

Memo No./ Dt./

Copy submitted to the Superintending Engineer, TPCODL, Nayagarh (Odisha) for favour of kind information.

Superintending Engineer
Nayagarh Irrigation Division
Nayagarh



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70AA 938114

UNDERTAKING

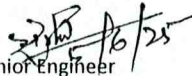
For the work "Erection of 33 KV Transmission line permission on the right side of the NH 57 at Raghunath Prasad to Krushna Prasad for Kusumi Smart Irrigation Project at Nayagarh District".

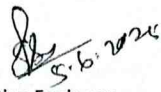
1. The methodology of Erection of Transmission line will be strictly followed as per the guidelines of MoRT&H New Delhi.
2. Adequate arrangement for cautioning the traffic by the way of caution board during day time and danger light at night and all other required road safety signals will be provided by the executing agency.
3. The Executing agency will notify the Executive Engineer, N.H. Division Bhubaneswar at least 15 days in advance before digging the trench across the road.
4. The pipes shall cross the National Highway on a line normal to it.
5. The executing agency shall ensure good excavated trench for laying utility services by proper filling and compaction, to restore the land into the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from edge of ROW.
6. The executing agency shall deposit the required license fee and bank guarantee as per the guidelines of MoRT&H, New Delhi.
7. The executing agency will renew the bank guarantee as when asked by NH department.
8. If, the executing agency fail to comply with any condition to the satisfaction of the authority, the authority at the cost and risk of the executing agency shall execute the same.

Handwritten signature and date: 30/5/25
SE, Nayagarh
Irrigation

Calculation of License Fees as per Utilized NH-57 Area

Name of Work		Permission for erection of 33KV transmission line on the right side of NH-57 from Raghunathprasad to Krushna Prasad at Nayagarh District for construction of Kusumi Smart Irrigation Project (UGPL)										
Sl no	Location	Name of Mouza	NH	Chainage (Km)	Length (Mt)	Width/Dia	Utilised NH Area (Sqm)	Circle Rate (Per Acre)	Circle Rate (Per sqm)	License fee for Month	License fee for five years	License Fee (33%) for public utilities
1	Raghunathprasad	Raghunathprasad	57	247/400 to 248/000	600	2	1200	1650000	407.720	4077.200	244632.000	80728.560
2	Nagapur	Nagapur	57	248/000 to 249/100	1100	2	2200	5890500	1455.570	26685.450	1601127.000	528371.910
3	Krushnaprasad	Krushnaprasad		249/100 to 250/200	1100	2	2200	7700000	1902.71	34883.017	2092981.000	690683.730
												1299784.200
											Say	1299784.000


Junior Engineer
NH Section, Nayagarh


Executive Engineer
NH Sub Division, Nayagarh


Superintending Engineer
NH Division, Bhubaneswar

Calculation of Bank Guarantee as per Utilized NH -57Area (Balangir-KhordhaLink)

Name of Work: Permission for erection of 33KV transmission line on the right side of NH-57 from Raghunathprasad to Krushna Prasad at Nayagarh District for construction of Kusumi Smart Irrigation Project (UGPL)

Length of utility= 2800.00 m

Area of utility 2x28000 5600 sqm

As per guidelines of Ministry's circular on 22.11.2016, Performance Bank Guarantee based on Route meter valid 01 year initially as per rate Rs 100/sqm for utility

services is:

A

1	5600.00	100	Rs	560000.00
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Thus, Yearly Bank Guarantee Amount for crossing and along the road


Total (A) =	560000.00
Grand Total =	560000.00
Say =	560000.00


Junior Engineer

NH Section, Nayagarh


Executive Engineer

N.H. Sub-Division, Nayagarh


Superintending Engineer

N.H. Division, Bhubaneswar



OFFICE OF THE DISTRICT SUB-REGISTRAR, NAYAGARH

Letter No. 1128 /Dt. 29.05.2025

To

The Superintending Engineer,
Nayagarh Irrigation Division, Nayagarh

Sub:- Submission of highest Bench Mark valuation of Mouza - Krushnaprasad , Nagapur ,
RaghunathPrasad for Transmission line work under Kusumi Smart Irrigation Project (UGPL)-
Reg.

Ref:- Your office,letter No.1552 Dt. 23.05.2025.

Sir,

In inviting a kind reference to your letter on the subject cited above, I am to submit
herewith the highest Bench Mark valuation of Mouza- Krushnaprasad, Nagapur,
RaghunathPrasad as given below.

This is for your kind information.

Yours Faithfully

[Signature]

29/05/25
District Sub-Registrar,
District Sub-Registrar
Nayagarh

Sl No	Mouza	Highest BMV Per Acre (in Rs.)	Remarks
1	Krushina Prasad	77,00,000/-	
2	Nagapur	58,90,500/-	
3	Raghunath Prasad	16,50,000/-	



OFFICE OF THE SUPERINTENDING ENGINEER,
NAYAGARH IRRIGATION DIVISION, NAYAGARH
Email id-eenidivn@gmail.com

Letter No- 1177 /W. E
To
The Executive Engineer,
NH Division, Plot No. 184, Nayapalli,
PO – Baramunda, Bhubaneswar,
Pin code - 751003

Date- 17/04/25

Sub: - Clearance/Permission for erection of 33kv transmission line on the left side of NH-57 from Krushnaprasad to Bankasalua at Nayagarh District for Construction of Kusumi Smart Irrigation Project (UGPL) - Reg

Project: - “Construction of Distribution System for 3745 Ha of CCA of Kusumi Smart Irrigation Project over the river Kusumi at Sunalati Krushna Prasad in Nayagarh Block of Nayagarh District through underground Pipeline Irrigation System (Pressure Flow) of Kusumi Irrigation Project in Nayagarh District including Power connectivity, Electro-mechanical components PIM and Operation & Maintenance of complete commissioned System for 5 Years”.

Sir,

With reference to the above subject, erection of WPB poles is in progress for the 33KV transmission line as per the approved estimate and line diagram of TPCODL, Nayagarh for supplying power to the above-mentioned work. As part of this Department of Water Resources, Government of Odisha 's work, the WPB poles of this transmission line must be erected parallel to the NH-57 on the left side from Krushnaprasad to Bankasalua at Nayagarh District as per the approval and supervision of TPCODL, Nayagarh.

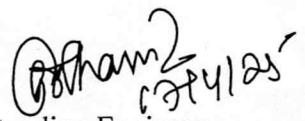
Hence, it is herewith requested to kindly provide the necessary clearance/permission for the above-mentioned work as the Government is pressing hard for early completion of this work.

Encl- Line diagram and Site visit report of TPCODL

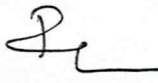
This is for favour of kind information & necessary action.

Estimator

Mahapatra Basu


Superintending Engineer
Nayagarh Irrigation Division
Nayagarh


Mahapatra
Basu


15/5

Memo No- 1178

/ Date- 17/4/25


Copy submitted to Chief Engineer & Basin Manager, Bhubaneswar for favour of information and necessary action.


17/4/25
Superintending Engineer

Memo No- 1179

/ Date- 17/4/25

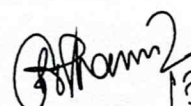
Copy submitted to the Additional Chief Engineer, Central Irrigation Circle, Bhubaneswar for information and necessary action.


17/4/25
Superintending Engineer

Memo No- 1180

/ Date- 17/4/25

Copy submitted to the Superintending Engineer, TPCODL, Nayagarh for information and necessary action.


17/4/25
Superintending Engineer

TPCODL TATA POWER CENTRAL ODISHA DISTRIBUTION LIMITED	Form No: F03-(09.04.01) Rev. : 00 Eff. Dt.: 23.06.2021
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EHV JOINT SITE VISIT FORMAT		F25(NEG-P-101)- B Eff Date : 28.06.2021 Rev No.00
Date	03.09.24	
Notification Number	5007394630	
Proposal Heading	Power Supply to St Irrigation Division Nayagadh	
Sponsoring Agency	Govt./Private	
Division	Nayagadh	

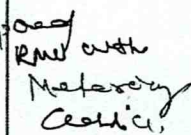
EXISTING N/W DETAIL

1	Name of Feeder:	
2	33kV HT Line	O/H or U/G
3	Size of Cable in Sq. mm	
4	Type of Conductor (ACSR/AAAC) and Size in sq mm	
5	Tower Type A+.....Nos./ B+.....Nos./ C+.....Nos./ Special typeNos.	
6	HT Line Pole Pole Type SP.....Nos./ DP.....Nos./ TP.....Nos./ /FP.....Nos.	PSC / RSJ

7	Name of Structure:	
8	Power Transformer (PTR)	(33/11kV)
(A)	3.15 MVA.....Nos, 5MVA.....Nos, 8MVA.....Nos, 12.5/16 MVA.....Nos, 16/20MVA.....Nos., 20/25 MVA.....Nos., 50 MVANos.	
9	Spare Bays at Structure	
(A)	Line Bays.....Nos./ Trf BayNos./	
10	Space for New Bay at Structure	Yes/No
11	Major Item Installed & their condition (Pls specify)	

PROPOSED N/W DETAIL		
1	Name of Feeder:	
2	33kV HT Line	O/H or U/G
3	Length of 33 kV line In Meter	
4	Size of Cable In Sq. mm	
5	Type of Conductor (ACSR/AAAC) and Size in sq mm	
6	Tower Type	
(A)	A+.....Nos./ B+.....Nos./ C+.....Nos./ Special typeNos.	
7	Pole Type	PSC / RSJ
(A)	SP.....Nos./ DP.....Nos./ TP.....Nos./ FP.....Nos.	
8	Name of Grid:	
9	Power Transformer (PTR)	(66/33/11kV)
(A)	16/20MVA.....Nos., 20/25 MVA.....Nos., 50 MVANos.	
10	Area for Grid (length x Width) In Sq. Mtr	
11	33kV Grid O/D type	GIS/AIS
(A)	33kV C&R Panel	
	Line Panel.....Nos, Trf Panel.....Nos., B/C panel.....Nos., Bus PT panel.....Nos.	

(B)	33kV Equipments & Switchgears BreakerNos., Isolator(w/o ES).....Nos. Isolator(ES).....Nos., CTNos. PTNos., LA.....Nos.	
12	33kV Grid I/D type	
(A)	33kV Equipments & Switchgears with C&R Line Panel.....Nos., Tr Panel.....Nos., B/C panel.....Nos., Bus Riser cum PT panel.....Nos.	
13	11 kV S/G panel VCB type	
(A)	I/C Panel 2000ANos., Feeder Panel 630A.....Nos. B/C Panel 2000A.....Nos, Bus Riser cum PT panel.....Nos.	
14	Capacitor Bank (.....MVar)	
15	Any major item to be considered	
16	Road owning agency (PWD,MCD,DSIDC, DDA etc.) and Name of road	
17	Trench Construction (Length _____ mtr)	Yes / No
18	Trench Less Cable Laying Required (Length _____ mtr)	Yes / No
19	Excavation of Soil for Cable Laying (Length _____ mtr)	Yes / No



Onsite Observation / requirement from Consumer, External Agency etc.

During JST it is found that the proposed Megalofit power near Kuran Baraj was required to send power through 33 kV voltage level.

As per standard guideline, megafit points shall be away power supply through dedicated feeder.

So the proposed power supply for megafit, 33 kV dedicated feeder may be proposed from nearby Rajpatna GS.

As there is no spare bay available inside Rajpatna GS Megafit Dept shall apply for new bay to OPTCL.

As shown in ILO, the proposed feeder may be constructed upto Baraj point.

Safety Observations

As per common road plan with referring subcommittee proposal.

Any law issue may be solved by Common

Company / Department	Name of the Officer, Designation) (in block Letters)	Sign.	Date
NEG	Jayprakash Kumar	[Signature]	3.9.24
Plant Engg.			
NEG ART Projects	Pradeep Kumar Barik	[Signature]	3.9.24
Division	Mohit Mahanta	[Signature]	3.9.24
STS			
Consumer/ Requesting agency	Sanjeev Sahas (SE), Torsga, West Dinesh Choudhary (LCEPPL)	[Signature] [Signature]	