



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Govt. of India)

क्षेत्रीय कार्यालय : एफ-120, जनपथ, श्याम नगर, जयपुर-302019

Resional Office : F-120, Janpath, Shyam Nagar, Jaipur-302019

Tel. (O.)/फोन: (ऑ.) 0141-2292056, 2292049

E-mail/ई-मेल: rojaipur@nhai.org Web./ वेब: www.nhai.gov.in



क्रमांक: NHAI/18013/1/2024-ROJ/Overhead Transmission Line Crossing 765KV/377/NH-25, Km. 162 to 163/1968 दि.: 29.11.2024

सार्वजनिक टिप्पणियों का आमंत्रण

विषय: एनएच-112 (नया एनएच-25) के जैसलमेर से बाड़मेर सेक्शन (जोधपुर से पचपदरा पैकेज-I) पर ब्यावर ट्रांसमिशन लाइन (एपी62-एपी63) तक 765 केवी डी/सी फतेहगढ़-III किलोमीटर तक ओवरहेड क्रॉसिंग की अनुमति देने का प्रस्ताव 162 से 163, ग्राम खाटावास, जिला-जोधपुर राज्य में मेसर्स फतेहगढ़ III ब्यावर ट्रांसमिशन लिमिटेड द्वारा राजस्थान। (आवेदन आईडी 20240306/1/11/22445/6891): **सैद्धांतिक स्वीकृति के संबंध में।**

- संदर्भ: i). M/s Fatehgarh III Beawar Transmission Ltd. letter no. SPTL/PKG-G/2024/282 dated 09.07.2024 & letter no. SPTL/PKG-G/2024/166 dated 18.03.2024
ii). PD, PIU-Jodhpur letter no. 13032/2024/JP/NH-Crossing/3016 dated 22.11.2024.

महोदय,

सर्वसंबंधितों को सूचित किया जाता है कि मेसर्स फतेहगढ़ तीर्थ ब्यावर ट्रांसमिशन लिमिटेड ने उपरोक्त संदर्भ (i) के तहत उद्धृत पत्रों के माध्यम से विषयगत कार्य के लिए एक प्रस्ताव प्रस्तुत किया है और पीडी, एनएचआई, पीआईयू-जोधपुर ने संदर्भ (ii) के तहत पत्र के माध्यम से सक्षम प्राधिकारी, राजमार्ग प्रशासन के अनुमोदन के लिए उपरोक्त प्रस्ताव प्रस्तुत किया है।

It is to inform all concern that M/s Fatehgarh III Beawar Transmission Ltd. vide letters cited under ref. (i) above has submitted a proposal for subject work and PD, NHAI, PIU-Jodhpur has submitted the above proposal vide letter under reference (ii) for approval of Competent Authority, Highway Administration.

- यह प्रस्ताव राजस्थान राज्य में एनएच-112 (नया एनएच-25) के जैसलमेर से बाड़मेर खंड (जोधपुर से पचपदरा पैकेज-I) पर किमी 162 से 163 तक, गांव खाटावास, जिला-जोधपुर तक 765 केवी डी/सी फतेहगढ़-III से ब्यावर ट्रांसमिशन लाइन (एपी62-एपी63) द्वारा ओवरहेड क्रॉसिंग के लिए अनुमति प्रदान करने के लिए है। The proposal for grant of permission for Overhead Crossing by 765kV D/C Fatehgarh-III to Beawar Transmission line (AP62-AP63) on Jaisalmer to Barmer section (Jodhpur to Pachpadra Package-I) of NH-112 (New NH-25) from Km 162 to 163, Village Khatawas, District-Jodhpur in the State of Rajasthan.
- मंत्रालय के परिपत्र संख्या आरडब्ल्यू/एनएच-33044/29/2015एसएंडआर(आर) दिनांक 22.11.2016 के पैरा-4 के अनुसार, राजमार्ग प्रशासन द्वारा प्रस्ताव को दावे और आपत्तियाँ (सार्वजनिक असुविधा, सुरक्षा और सामान्य सार्वजनिक हित के आधार पर) मांगने के लिए 30 दिनों के लिए सार्वजनिक डोमेन में रखा जाएगा। As per para-4 of Ministry's Circular 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 ground of public inconvenience, safety and general public interest).
- उपरोक्त के मद्देनजर, सक्षम प्राधिकारी के अनुमोदन से पहले, मंत्रालय के दिनांक 22.11.2016 के परिपत्र के संदर्भ में प्रभावित जनता की टिप्पणियाँ/आपत्तियाँ आमंत्रित की जाती हैं, क्योंकि इस खंड पर क्रॉसिंग बिछाने और पार करने के कारण आपत्तियाँ/टिप्पणियाँ निर्धारित तिथि 28.12.2024 तक नीचे दिए गए पते पर भेजी जा सकती हैं, कोई भी टिप्पणी/आपत्तियाँ स्वीकार नहीं की जाएंगी।
In view of the above, before approval of the competent authority, the comments/objections of affected public is hereby invited with reference to the Ministry's circular dated 22.11.2016 due to laying and crossing of crossing on the subjected stretch. The objections/comments may be addressed to the below mentioned address upto 28.12.2024 beyond due date, no comments/objections will be accepted.

क्षेत्रीय अधिकारी, क्षेत्रीय कार्यालय-जयपुर भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, एफ-120, जनपथ, श्याम नगर, जयपुर (राज.)-302019, टेलीफोन : 0141-2292049, 2292054 ईमेल : rojaipur@nhai.org	The Regional Officer, Regional Office-Jaipur National Highways Authority of India, F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019, Tel : 0141-2292049, 2292054 Email : rojaipur@nhai.org
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यह पत्र राजमार्ग प्रशासन सह-क्षेत्रीय कार्यालय, भाराराप्रा, जयपुर के अनुमोदन से जारी किया जा रहा है।

भवदीय,

(कोमल पारीक)
प्रबन्धक (तकनीकी)

- Copy to:(i) वेब प्रशासन, एनएचआई, मुख्यालय, नई दिल्ली - एनएचआई की वेबसाइट पर अपलोड करने हेतु [web-dmin@nhai.org]
(ii) निदेशक, एनआईसी, नई दिल्ली - मंत्रालय की वेबसाइट पर अपलोड करने हेतु [rahul.sh@nic.in]
(iii) परियोजना निदेशक, पीआईयू-जोधपुर: सूचनार्थ तथा अनुरोध है कि सड़क परिवहन एवं राजमार्ग मंत्रालय के लागू दिशा-निर्देशों के अनुसार लाइसेंस शुल्क एवं बैंक गारंटी राशि जमा कराना सुनिश्चित करें।
(iv) मेसर्स फतेहगढ़ III ब्यावर ट्रांसमिशन लिमिटेड: सूचनार्थ।



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्गप्राधिकरण (सड़क परिवहन एवं राजमार्गमंत्रालय, भारत सरकार) National Highways Authority of India

(Ministry of Road Transport & Highways, Government of India)
परियोजनाकार्यान्वयनइकाई, जोधपुर- 188, उम्मेदहैरिटेज, रातानाड़ा,
जोधपुर- 342011 (राजस्थान)

Project Implementation Unit- Jodhpur - 188, Umaid Heritage, Ratanada
Jodhpur - 342011 (Rajasthan), फोन / Tel. : 0291-2510065, 2511165

ई-मेल: jodhpur@nhai.org, jodhpurpiu3@gmail.com



e-file no.
258747

No.: 13032/2024/JP/NH-Crossing/3016
To,

The General Manager (Tech.)
National Highway Authority of India,
Regional Office, F-120, Janpath,
Shyam Nagar, Jaipur (Raj) 302019



Date: 22.11.2024

Mar(T)
27/11

Sub: Supervision Consultancy (SC) Services during O&M stage of two Lane with Paved Shoulder/Four Lane of Jodhpur-Barmer section (Jodhpur to Pachpadra Package-I) of NH-112 (New NH-25) from km 95+140 to Km 114+610, KM 116+060 to 180+755 (Length: 84.165 km) in the State of Rajasthan:- **Proposal for grant of permission for overhead crossing by 765KV D/C Fatehgarh-III to Beawar Transmission line (AP62-AP63) on Jaisalmer to Barmer section (Jodhpur to Pachpadra Package-I) of NH-112 (New NH-25) from Km. 162 to 163, Village Khatawas, District Jodhpur in the state of Rajasthan.**

- Ref:** 1. M/s Fatehgarh III Beawar Transmission Ltd. office letter no. SPTL/PKG-F/2024/380 dated 19.11.2024
2. This office letter no. 13032/2024/JP/NH-Crossing/2883 dated 30.10.2024
3. RO, Jaipur E-File no. 258747 dated 25.10.2024
4. This office Letter no. 13032/2024/JP/NH-Crossing/2662 dated 01.10.2024

Sir,

With reference to above cited subject vide letter under ref. (3) vide which proposal was returned and asked for review of the proposal as per Ministry's guidelines, issued vide letter no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 & RW/NH-37011/52/2020-BP&SP dated 15.01.2021 and submitted compliance of the observations. The proposal was returned to M/s Fatehgarh III Beawar transmission Ltd. vide letter under ref. (2) for compliance of observations of RO, Jaipur vide letter dated 09.09.2024. M/s Fatehgarh III Beawar transmission Ltd vide letter under ref. (1), has submitted compliance of observations are as under:-

S.No.	RO Observations	Compliance Report
1	Deposition of requisite processing fee and license fee by applicant agency as per NHAI guidelines.	One time processing fee of Rs. 5 lacs in Bharat Kosh via transaction no. 1111240055891 dated 16.11.2024.

In view of above, the detailed proposal is herewith submitted with recommendation of PIU for accord of approval of Competent Authority.

Thanking you,

Yours faithfully,

Encl: (2 Files)

(GPS Chauhan)
Project Director

- Copy to:** 1. M/s Theme Engineering Service Pvt. Ltd. Jodhpur for information.
2. M/s Mahavir Sharma, for information.
3. M/s Beawar Transmission Ltd. Jodhpur.

CHECK-LIST

Guidelines for Project Directors for processing the proposal of laying Overhead Electrical Power Transmission Line in the land across National Highways NH-25 vested with NHAI.

Relevant Circulars

1. Ministry Circular No. NH-III/P/66/76 dated 19.11.1976
2. Ministry Circular No. NH-III/P/20/77 dt. 08.04.1982
3. Ministry Circular No. RW/NW-III/P/66/76 Date 11.05.1982
4. Ministry Circular No. RW/NH-11037/1/86/DOI/dated 19.01.1995

Checklist for getting approval for laying of Overhead Electrical Power Transmission Line on NH Land

Sl.No.	Item	Information/ Status	Remarks
1	General Information	Crossing of 765kV D/C (Hexa AL-59) line	
1.1	Name and Address of the Applicant Agency	FATEHGARH III BEAWAR TRANSMISSION LIMITED	
1.2	National Highway Number	NH-25	
1.3	State	Rajasthan	
1.4	Location	VIII- Khatawas, Jodhpur	
1.5	(Chainage in KM)	KM- 162 & 163 (162-313)	
1.6	Length in Meters	221 meter	
1.7	Width of available of ROW	67 meter	
	(a) Left side from center line towards Increasing chainage/km direction	33.5 meter	
	(b) Right side from center line towards increasing chainage/KM direction	33.5 meter	
1.8	Proposal to lay overhead Electric Power Transmission line		
	(a) Left side from center line towards increasing chainage/km direction	33.5	
	(b) Right side from center line towards increasing chainage/km direction	33.5	
1.9	Proposal to acquire land	No	
	(a) Left side from center line		
	(b) Right side from center line		
1.10	Whether proposal is in the same side where land is not to be acquired if not then where to lay the cable	NA	



Manager (Tech.)
NHAI, PIU Jodhpur

Project Director
NHAI
PIU Jodhpur

Sanjay Kumar
Fatehgarh III
Beawar Transmission Limited


1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number is lanes (2/4/6/8 lanes) existing	2 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	No	
	If yes then which side	-	
	(a) Left side from center line	-	
	(b) Right side form center line	-	
1.15	Proposed Service road	No	
	(a) Left side from center line	-	
	(b) Right side form center line	-	
1.16	Whether proposal to lay overhead Power Transmission line is after the service road or between the service road and main carriageway	NA	
1.17	The permission for laying Overhead Power Transmission line shall be considered for approval/rejection based in the ministry circulars mentioned as above	Yes	
1.18	If crossing of the road involved	Yes	
	<ul style="list-style-type: none"> If yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line 	Yes Overhead Electrical line by arranging towers.	
	(a) Existing drainage structures shall not be allowed to carry the lines.	NA	
	(b) Is it on the line normal to NH	Yes	
	(C) Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 1.5 meter. What is the distance from the existing structures.	YES (104.51 mtr) (From NH Boundary)	
	(d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron or reinforced cement concrete	NA	



Fatehgarh III
Beawar Transmission Limited

Manager (Tech.)
NHAI, PUJ Jodhpur

Project Director
NHAI
PIO Jodhpur

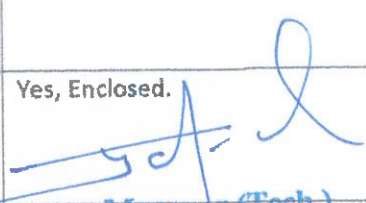


	and have adequate strength and be large enough to permit ready with of the carrier pipe/cable.		
	(e) Ends of the casing /conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	NA	
	(f) The casing/conduit pipe should as minimum extended from drain to drain in cuts and toe of slope toe of slopes in the fills.	NA	
	(g) The top of the casting/ conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3meter below the drain inverts.	NA	
	(h) Crossing shall be by boring method HDD, specially where the existing road pavement is of cement concrete or dense bituminous concrete type	NA as crossing is overhead.	
	(i) The casting/ conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation concrete type.	NA	
2.	Document/Drawings enclosed with the proposal		



Fatehgarh III
Beawar Transmission Limited

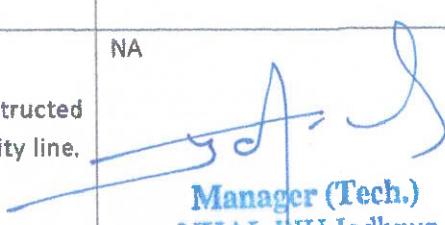
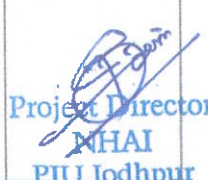


Manager (Tech.)
NHAI, PU Jodhpur


Project Director
NHAI
PU Jodhpur

2.1	<p>Cross section showing the size of the trench for open trenching method (is it normal size of 1.2m deep x 0.3m wide)</p> <p>(i) Should not be greater than 60cm wider than outer diameter of the pipe.</p> <p>(ii) Located as closed to the extreme edge of the right of way as possible but not less than 15m from the Centre lines of the nearest carriage way.</p> <p>(iii) Shall not be permitted to run along the national highways when the road formation is situated in double cutting. Not shall these be laid over the existing culverts and bridges.</p> <p>(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.</p>	NA, as the crossing is overhead and across NH	
2.2	Cross section showing the size of the pit and location of cable for HDD method.	NA as crossing is overhead.	
2.3	Strip plan/Route Plan showing the Overhead Power Transmission Line, Chainage, width of ROW, distance of proposed cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Yes	
2.4	Methodology for laying of Overhead Power Transmission Line.	Yes, Enclosed.	
2.4.1	Open Trenching Method (May be allowed in utility corridor only where pavements is neither cement concrete nor dense bituminous concrete type), If yes, Methodology of refilling of trench.	NA  Manager (Tech.) NHAI, PIU Jodhpur 	 Project Director NHAI PIU Jodhpur

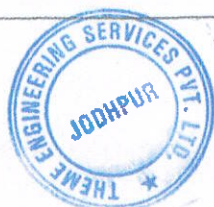


Fatehgarh III
Beawar Transmission Limited


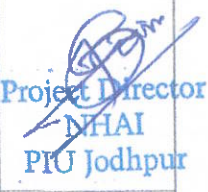

	(a) The trench width should be at least 30cm but not more than 60cm wider than the outer diameter of the pipe.	NA	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.	NA	
	(c) The Backfill shall be completed in two stages (i) side to -fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust	NA	
	(d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted. (e) The road crust shall be built to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the foundation of a dip at the trench.	NA	
	f) The excavation shall be protected by the flagman, signs and barricades, and red lights during night hours.	NA	
	g) If required, a diversion shall be constructed at the expense of agency owing the utility line.	NA  Manager (Tech.) NHAI, PIU Jodhpur	 Project Director NHAI PIU Jodhpur
2.4.2	Horizontal Direction Drilling (HDD) method.	NA	
2.4.3	Laying of Overhead electrical line through CD works and method of laying.	NA 	



3.	Draft License Agreement signed by two witnesses	Yes.	
4.	Performance Bank Guarantee in favor of NHAI has to be obtained at the Rs 50/- per running meter (parallel to NH) and Rs. 1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completions of work) as security for ensuring/making good the excavated trench for laying the cables/ ducts by proper filling and compaction, clearing debris/ loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to license for clearing debris/loose earth.	Will be submitted as per requirement.	
4.1	Performance Bank Guarantee as per above is to be obtained.	Will be submitted as per requirement.	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.		
5	Affidavit /Undertaking form the Applicant		
5.1	Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes. Enclosed	
5.2	Renewal of Bank Guarantee	Yes. Enclosed	
5.3	Confirming all standard condition of NHAI guidelines	Yes, Enclosed.	
5.4	Shifting of Overhead Power Transmission as and when required by NHAI at their own cost.	Yes. Enclosed	
5.5	Shifting due to 6 laning /widening of NH.	Yes. Enclosed	
5.6	Indemnity against all damages and claims clause (XXIV)	Yes. Enclosed.	
5.7	Traffic movement during laying of Overhead Power Transmission line to be managed by the applicant	Yes. Enclosed.	Project Director NHAI PIU Jodhpur
5.8	If any claim is raised by the concessionaire, then the same has to be paid by the applicant	Yes. Enclosed.	



Fatehgarh III
Beawar Transmission Limited

5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the overhead power transmission located in the National Highway Right-of-ways.	Yes. Enclosed.	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the national highway by the laying, maintenance or shifting of the Overhead Power Transmission line will be borne by the agency owing the line.	Yes. Enclosed.	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at cost of agency owing the utility line within a reasonable time (not exceeding 60 days) of the information given.	Yes. Enclosed.	
5.12	<p>Certificate from the applicant in following format:-</p> <p>(1) Lying of Overhead Power Transmission line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</p> <p>(2) For 6 laning "we do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future four/six laning of any other development."</p>	<p>Yes. Enclosed.</p> <p> Manager (Tech.) NHAI, PIU Jodhpur</p> <p> Project Director NHAI PIU Jodhpur</p>	
6.	Who will sign the agreement on behalf of Overhead Power Transmission Line agency.	<p>Santosh Kumar</p> <p>FATEHGARH III BEAWAR TRANSMISSION LIMITED</p>	
7	Who will supervise the work of laying Overhead Power Transmission Line.	<p>FATEHGARH III BEAWAR TRANSMISSION LIMITED</p> <p>Project Director, NHAI </p>	





Fatehgarh III
Beawar Transmission Limited

8	Who will ensure that the defects in road portion after laying of Overhead Power Transmission Line are corrected and if not corrected then what action will be taken.	FATEHGARH III BEAWAR TRANSMISSION LIMITED Project Director, NHAI	
9	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire.	FATEHGARH III BEAWAR TRANSMISSION LIMITED	

The right of way (ROW) of the National Highway available at proposed location from the center line of the divided carriageway is _____ M (from center of ROW to the edge of RoW towards Proposed Utility).

The above particulars along with the drawing and documents have been verified and certified as correct as site conditions.




For Fatehgarh III Beawar Transmission Limited

Fatehgarh III
Beawar Transmission Limited



For National Highway Authority of India

Project Director
NHAI
PIU Jodhpur


Manager (Tech.)
NHAI, PIU Jodhpur

Check List

For NH-25 Crossing by 765kV D/C Fatehgarh III - Beawar (2nd) Transmission Line (Near Khatawas)

Sl.No.	Description	As per site
1	National Highway No.	25
2	Crossing Name	NH - 25 (Barmer - Jodhpur)
3	Crossing Chainage	Mile Stone, Khatawas : 162 & 163 KM.
4	System of supply(i.e.Voltage) , no.of Phases,Whether neutral is earthed or not	765kV D/C T/Line, Six Phase & One Earth Wire & One OPGW
5	Position of Tower	Between AP- 62/0 DC2+0 and AP-63/0 DD45+0
6	Normal Span at AL-59 Zebra Conductor	400m
7	Maximum sag at normal span	13.80m
8	Crossing span	221m
9	Preceding span with Loc.No. 61/2	349.00m
10	Succeeding span with Loc.No.63/1	412m
11	Height of structure above ground and below ground separately and detail of foundation	AP-62/0 DC2+0 : 70.70m AP-63/0 DD45+0 : 70.90m
12	Sag of AL59 Zebra	5.16m
13	Clearance over road	24.00m
14	Height of lower conductor from ground level at Loc.	AP-62/0 DC2+0 : 32.00m AP-63/0 DD45+0 : 32.00m
15	Angle of road crossing	85°24'29" Degree
16	Perpendicular distance from center of tower to center of road	AP-62/0 DC2+0 : 109.531m AP-63/0 DD45+0 : 111.519m
17	Perpendicular distance from center of tower to road edge	AP-62/0 DC2+0 : 104.51m AP-63/0 DD45+0 : 106.50m
18	Protection of assembly of line	Danger board
19	Size of power conductor	Area : 4.54(Sq.Cm) Dia : 2.772 Cm,Weight : 1.252 kg/m (AL59 Zebra)
20	Size of earth wire	Earth Wire 7/3.66mm galvanised steel wire Dia : 1.098 Cm, Weight : 0.583kg/m
21	Size of OPGW	OPGW Dia : 1.22 Cm, Weight : 0.451 kg/m
22	Earthing	One Leg to be earthed pipe type
23	Single line diagram	Enclosed
FOR FATEHGARH III BEAWAR TRANSMISSION LIMITED		FOR NATIONAL HIGHWAY AUTHORITY OF INDIA
 Suresh Kumar Fatehgarh III Beawar Transmission Limited		