

# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

## National Highways Authority of India

(Ministry of Road Transport & Highways)

### क्षेत्रीय कार्यालय - हैदराबाद

प्रथम तल, नया भवन, भारतीय पेश्चसनिक स्टाफ कॉलेज, कॉलेज पार्क कॉम्पस, रोड नंबर-3, बंजारा हिल्स, हैदराबाद-500 034. तेलंगाना

#### 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.

टेली / Tele : 040 - 29562147 /48

ई-मेल / E-mail : rohyderabad@nhai.org  
nhairohyd@gmail.com



भारतमाला  
प्रगति के पथ पर अग्रसर  
BHARATMALA  
ROAD TO PROSPERITY

NHAI/RO-HYD/11018/6/Access/88/1290

Dt.08/08/2019

To

The Senior Technical Director,  
National Informatics Centre,  
Ministry of Road Transport & Highways,  
Transport Bhavan,  
1, Parliament Street,  
NEW DELHI - 110 001.

**Sub:** NHAI - RO Hyderabad - PIU Nirmal - Permission for laying of OFC on NH-44 by M/s.ECIL from Km.472/800 to Km.475+680 along NH road and road crossing at Km.472+800 using existing ducts in the State of Telangana - **Invitation of Public Objections - Requested - Reg.**

**Ref:** 1. PIU Nirmal letter no.NHAI/PIU-NRML/Utility/OFC/ECIL/2019/298, dated 29/03/2019.  
2. This office letter no.NHAI/RO-HYD/11018/6/Access/88/71, dated 15/04/2019.  
3. PD, PIU Nirmal letter no.NHAI/PIU-NRML/Utility/OFC/ECIL/2019/632, dated 25/07/2019.

Sir,

The proposal for laying of Optical Fiber Cable by M/s.Electronics Corporation of India Limited (ECIL), Hyderabad, in the stretch from Km.472/800 to Km.475/680 along NH road and road crossing at Km.472+800 using existing ducts for a total length of 2880 mtr on Nagpur - Hyderabad Section of NH-44 in the State of Telangana has been received from Project Director, NHAI, PIU Nirmal vide reference 1<sup>st</sup> & 3<sup>rd</sup> cited.

Now, this office would like to invite public objections for 30 days from the date of uploading in the portal, as per the MoRTH Circular no.RW/NH-33044/29/2015/S&R(R), dated 22/11/2016.

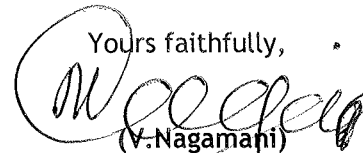
Hence, it is requested to upload the subject proposal in the MoRTH website, please.

Objections received if any, may be communicated to the below mentioned address.

The Regional Officer,  
National Highways Authority of India,  
Regional Office: Hyderabad,  
1<sup>st</sup> 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, 29562148,  
e-mail: rohyderabad@nhai.org; nhairohyd@gmail.com

Encls: Above proposal.

Yours faithfully,

  
(V.Nagamani)

Dy. General Manager (Tech.)  
For Regional Officer, Hyderabad

Copy to: The Project Director, NHAI, PIU Nirmal: for information.



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

### Project Implementation Unit

H.No. 1-2-21/K16/1B, L.K. Towers, Second Floor,  
Shivaji Chowk, NIRMAL District - 504 106,  
Telangana.

Phone & Fax: 08734 241365

08734 242370

e-mail: nirmal@nhai.org

piunirmal@gmail.com



BHARATMALA  
ROAD TO PROSPERITY

NHA/PIU-NRML/Utility/OFC/ECIL/2019/ 298

Dt: 29.03.2019

To  
The Regional Officer  
National Highways Authority of India  
Regional Office  
Hyderabad



Sub: NHA, PIU, NIRMAL – Permission for laying of OFC on NH-44 from Km. 472/800 to Km. 475+680 and road crossing at Km. 472+800 using existing ducts in the state of Telangana – Approval requested – Reg.

Ref: 1. ECIL Lr. No. Nil, dtd. 14.01.2019  
2. M/s.K&J PPL Lr. No. KNJ/NHA/ISO/2019/0-213, dtd. 08.02.2019  
3. T.O. Lr. No. NHA/PIU-NRML/Utility/OFC/2019/173, Dt: 25.02.2019  
4. M/s. ECIL Lr. No. ECIL/APSD/Pushpak/OFC, dtd. 14.03.2019

Sir,

With reference to the subject cited above, it is submitted that M/s. ECIL has furnished proposal for Permission for laying of OFC on NH-44 from Km. 472/800 to Km. 475+680 and road crossing at Km. 472+800 Km using existing ducts in the state of Telangana and sought approval in the reference 1<sup>st</sup> cited.

Accordingly, this office has referred the proposal to the Independent Consultant. The Independent Consultant vide reference 2<sup>nd</sup> cited has recommended the proposal duly informing the following:

1. The stretch is falling in the green belt area.
2. The proposed laying of OFC cable is from Km.472.800 to 475.680 for a length 2.880 Km on RHS.
3. The existing ROW from Km.472.800 to 475.680 is 75m.
4. The Road crossing proposed by the applicant, at Km.472.800 is from LHS to RHS of length 95M, as shown in drawing.
5. M/s.ECIL (HYD), submitted the strip plan/route plan and the check list enclosed are verified and found in order.
6. In the road crossing, the cable is to be encased with concrete. ✓

As per MORTH policy guidelines provided under NHA circular No.RW/NH-33044/29/2015/S&R(R), dt.22.11.2016, the details of the licence fee as per clause 5 and the cost of utility services as per clause 6, are worked out and enclosed as Annexure-A.

Accordingly, the proposal has been verified in accordance with MoRT&H Circulars, dtd. 07.08.2013 & 22.11.2016 and the agency M/s. Dinesh Engineers Ltd, Hyderabad has furnished the following:

- Checklist
- License Deed
- Undertakings for Relocation of cables as and when required
- Methodology of laying OFC

(Contd....2)

Corporate Office : G 5 & 6, Sector 10, Dwaraka, New Delhi - 110 075.

Phone : 91-011-25074200 Fax : 91-011-25093514

#2#

- Power of Attorney
- Route plans
- Bank Guarantee for Rs.307500/- valid up to 10.03.2020

M/s. ECIL, Hyderabad has furnished BG for Rs.307500/- valid up to 10.03.2020 as per the MoRT&H Circulars, dtd. 22.11.2016 informed by the IE, and informed that they will pay necessary licence fee payable for the use of National Highway land, at the time of final Agreement, as per Standards & Guidelines of MoRT&H.

The proposal submitted by M/s. ECIL, is in order and in accordance with MoRT&H circular dtd 07.08.2013 & 22.11.2016. The certificate in respect of conformity of the proposal is enclosed.

Keeping in view of the above, it is hereby recommended and requested to accord approval of the competent authority for proposal submitted M/s. ECIL has furnished proposal for Permission for laying of OFC on NH-44 from Km. 472/800 to Km. 475+680 and road crossing at Km. 472+800 on Nagpur- Hyderabad section of NH 44 in the state of Telangana, at the earliest please.

Encl: As above

Yours faithfully



(MIR HAMED ALI)

DGM (Tech.) & Project Director  
NHAI, PIU, NIRMAL

29.2.2019



CERTIFICATE IN RESPECT OF LAYING OPTICAL FIBER CABLE PROPOSED BY M/S.ECIL  
FOR LAYING OF OFC ON NH-44 FROM KM. 472/800 TO KM. 475+680 AND ROAD CROSSING  
AT KM. 472+800 OF NAGPUR – HYDERABAD SECTION OF NH-44

It is hereby certified as under

- (k) Confirming of all the standard conditions issued vide Ministry Circular No. RW/NH-33044/17/2000-S7R dated 29.9.2000, NHAI's guidelines issued vide No. NHAI/OFC/2K/Vol II dated 7.11.2000, Ministry's circular No. RW/NH-33044/27/2000-S&R (R) dated 21.3.2006 and Ministry's circular No. RW/NH-33044/27/2005/S&R (R) (Pt.) dated 07.08.2013 & Ministry's circular No. RW/NH-33044/29/2015/S&R(R), dtd.22.11.2016 are incorporated in the proposal and the same is herewith confirmed.

- (ii) For 6-laning -

I do certify that sufficient ROW is available at site for accommodating proposed six-laning.

- (iii) I do hereby certify that the proposed permission will be entered in the register of records of the permission in the prescribed proforma.

  
(MIR HAMED ALI)  
DGM (TECH.) & PROJECT DIRECTOR  
NHAI, PIU, NIRMAL



**INSPECTION REPORT**  
**IN RESPECT OF LAYING OPTICAL FIBER CABLE PROPOSED BY M/S.ECIL**  
**FOR LAYING OF OFC ON NH-44 FROM KM. 472/800 TO KM. 475+680 AND ROAD CROSSING**  
**AT KM. 472+800 ON NAGPUR – HYDERABAD SECTION OF NH-44**

The proposed site for laying of OFC in the stretch from KM. 472/800 TO KM. 475+680 is inspected.

- The above stretch comes under NS-23 packages.
- The existing ROW from Km.472.800 to 475.680 is 75m.
- The Road crossing proposed by the applicant, at Km.472.800 is from LHS to RHS of length 95M, as shown in drawing
- The agency has proposed to lay the cable at the extreme edge of RoW.
- BSNL and other agency OFC cables are laid in the stretch in the utility corridor of the highway.
- While crossing the structures, the cable is proposed to be laid through the ground not affecting the structure and the same is acceptable.
- The proposal submitted is examined and recommended for granting the permission.

  
(MIR HAMED ALI)  
DGM (TECH.) & PROJECT DIRECTOR  
NHAI, PIU, NIRMAL



**Government of Telangana**  
**Registration And Stamps Department**

*Market Value Assistance*  
(Duty & Fee Calculator)

Request No:1963/2018

SRO Name: 1504 MEDCHAL (R.O)

Dist Name: MEDCHAL-MALKAJIGIRI

Date:17/09/2018 11:32

Nature of the Document: Sale Deed (01-01)

Consideration Value of the Property:

**Property Details:**

Jurisdiction: MEDCHAL (R.O)-1504

Village Name:		MEDCHAL	
Locality/Habitation:		MEDCHAL	
Classification:	Dry land	Property Type:	Agricultural Land
Door No:			
Survey No:	868,874,873	Plot No:	
Extent:	1 Acres	Total Floors:	
Boundaries:	East:	West:	
	North:	South:	

**NOTE:** Survey Numbers: 873 Is Prohibited.

<b>Valuation Details:</b>		
Land Cost:7502000	Structure Cost: 0	Market Value:7502000
Unit Rate:7502000/Acre	Valuation Code: 51	Taxable Value:Market Value

<b>Duty &amp; Fee Payable:</b>		
Stamp Duty: 300080	Transfer Duty: 112530	Registration Fee: 37510

జాబ్-ఆర్డర్-11  
ఆంధ్రప్రదేశ్ ప్రభుత్వం

జాబ్-ఆర్డర్-11  
ఆంధ్రప్రదేశ్ ప్రభుత్వం

Rm  
HMS



**Prepared By: EPANDU**

**Authorized Signatory**

*Note: 1) This is the provisional statement providing the tentative information on MV, stamp duty & fee thereon as per the input given statement is not valid if it is found to be Prohibited as per section 22A of Registration Act. 3) The Values shown are valid till the next Revision. 4) This report is valid for the Entries done on or after 01 April 2013.*

# Annexure-A

## Proposed OFC cable laying by M/s ECIL Ltd.

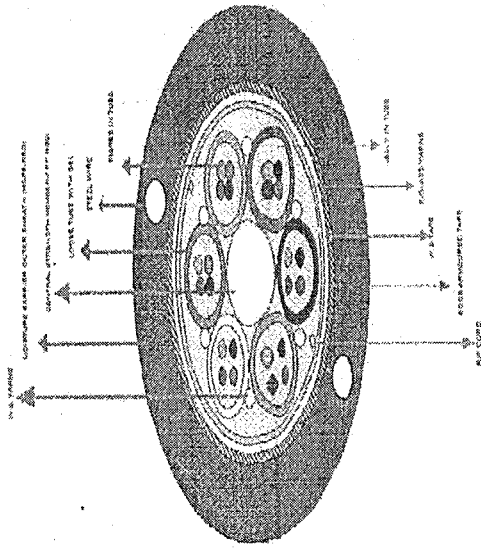
Sl.no	Name of Village	Chainage		Length route Mtrs.	Width Mtrs.	Utilized NH Land Area Sq.Mtrs.	Prevailing Circle rate of Land in Rs./Acre (As per Revenue Records)	Prevailing Circle rate of Land in Rs./Sq. Mtrs. (As per Acre/4046.86)	Amount Rs.	Remarks
1	2	3	4	5	6	7 (5x6)	8	9	10 (7x9)	11
1	ORR Connecting road to Gundlipothanpalli X- Road.	472.800	475.680	2880	0.45	1296	7502000	1853.78	24,02,503	On RHS Parallel to MCW As per drawing
2	ORR Connecting road	472.800		75	0.05	3.75	7502000	1853.78	6,952	Road crossing from LHS to RHS 50mm HDPE Pipe as per drawing
Total Amount										
License Fees (Rs./month) = 2409454/(10*12)										20,079
Total License Fees for 5 Years=20079*12*5										12,04,727
The license fees payable by M/s ECIL Ltd for laying of public utility service (Telecom cables) (for public utility 33% of industrial utilities as per point No. 5 of MORTH guidelines vide ler no. RW/NH-33044/29/2015/S&R/° Dated. 22nd November 2016 i.e. Rs. 1204727*33%)										3,97,560
Performance bank Gurantee calculations										
As per pointno.6 of MORTH guidelinesvide ler no. RW/NH-33044/29/2015/S&R/° Dated. 22nd November 2016 by Amount of Performance Bank Gurantee to be submitted = Total No. of Route in meters x Rs. 100/ meter (for less than 300mm dia width) i.e. 2955 x 100/- = Rs. 2,95,500/-										

*Handwritten signature*

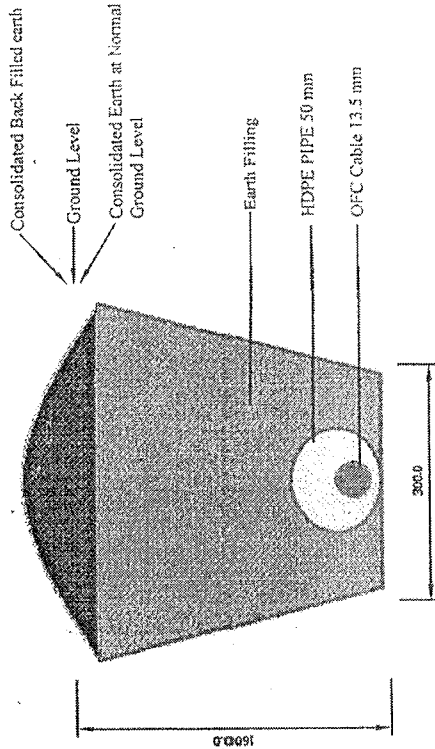




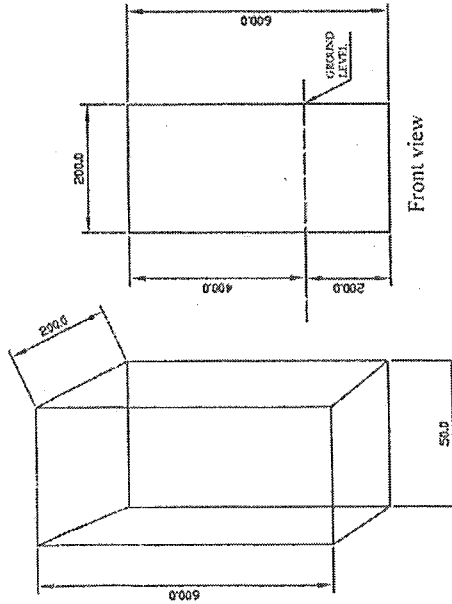




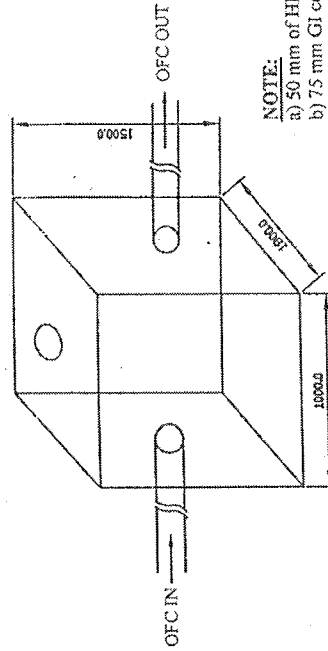
Cross Section of OFC -24 Core



Typical Cross Section of the Trench



OFC Route Marker



OFC Joint Chamber

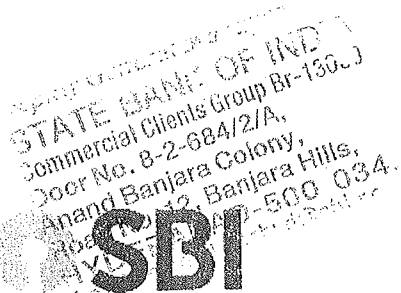
NOTE:

- 50 mm of HDPE pipe is used as duct.
- 75 mm GI conduit is used at road crossing and Bridges.
- Trench route markers of size 600 (H) x 200 (W) x 50 (t) will be installed every 200 mtrs to 500 mtrs as per site conditions.
- Joining/cable pulling chambers (internal size 1500 (L) x 1000 (W) x 1800 (D)) to be made every 2000 mtrs or as per site conditions (road turnings / crossings etc.)

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS  
LETTER NO. RW/HN-33044/29/2015/S & R (R) (P), DATED: 22/11/2016

ELECTRONICS CORPORATION OF INDIA LTD  
SPITEC ANTENNA PRODUCTS & SATCOM DIVISION  
HYDERABAD-500 062 (INDIA)

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STATE BANK OF INDIA  
COMMERCIAL CLIENT  
GROUP BRANCH  
SBI, DOOR NO.8  
HYDERABAD

Tel No. : 040-23421423, 040-2342  
Fax No. : 040-23421408  
SWIFT No. : SBININBB659  
PIN Code : 500034

13-03-2019

THE PROJECT DIRECTOR  
NHAI, PIU, L K TOWERS, 2ND FLOOR, SHIVAJI CHOWK, NIRMAL 504106

Dear Sirs,


GUARANTEE NUMBER : 1303919BG0000135  
AMOUNT OF GUARANTEE : INR 307,500.00  
GUARANTEE COVER FROM : 13-03-2019 TO 10-03-2020 ✓  
LAST DATE FOR LODGEMENT OF CLAIM : 10-03-2021 ✓

THIS DEED OF GUARANTEE IS EXECUTED BY THE STATE BANK OF INDIA, CONSTITUTED UNDER THE STATE BANK OF INDIA ACT, 1955 HAVING THE CENTRAL OFFICE AT NARIMAN POINT, MUMBAI AND AMONGST OTHER PLACES. A BRANCH AT COMMERCIAL CLIENT GROUP BRANCH HEREIN AFTER REFERRED TO AS 'THE BANK'). IN FAVOUR OF THE PROJECT DIRECTOR (HEREIN AFTER REFERRED TO AS 'BENEFICIARY') FOR AN AMOUNT NOT EXCEEDING INR 307,500.00

AT THE REQUEST OF ELECTRONICS CORPORATION OF INDIA AND THE GUARANTEE SHALL REMAIN IN FULL FORCE UPTO 10-03-2020 AND CANNOT BE INVOKED OTHERWISE THAN BY WRITTEN DEMAND OR CLAIM UNDER THIS GUARANTEE SERVED ON THE BANK ON OR BEFORE THE 10-03-2021

SUBJECT TO AS AFORESAID

NOTWITHSTANDING ANYTHING CONTAINED HEREIN ABOVE, OUR LIABILITY UNDER THIS GUARANTEE IS RESTRICTED TO INR 307,500.00  
OUR GUARANTEE SHALL REMAIN IN FORCE UNTIL 10-03-2020. UNLESS A DEMAND OR CLAIM UNDER THE GUARANTEE IS MADE ON OUR BANK IN WRITING ON OR BEFORE 10-03-2021 ALL YOURS RIGHTS UNDER THE SAID GUARANTEE BE FORFEITED AND WE SHALL BE RELIEVED AND DISCHARGED FROM ALL LIABILITIES THEREUNDER.

  
AUTHORISED SIGNATORY  
SS No. V-3220  
CAG-Hyderabad-1303

  
AUTHORISED SIGNATORY

Mar 13, 2019 5:21 PM



ए. वेणु गोपाल,  
प्रमुख, एपी एवं एसडी

A. VENU GOPAL  
Head, AP&SD

सेवामें/To  
The Project Director  
National Highway Authority of India  
Project Implementation Unit  
Shivaji Chowk, Nirmal 504106

इलेक्ट्रॉनिक्स कारपोरेशन आफ इंडिया लिमिटेड  
Electronics Corporation of India Limited

भारत सरकार (परमाणु ऊर्जा विभाग) का उद्यम  
एंटेना उत्पाद एवं साटकॉम प्रभाग/Antenna Products & Satcom Division  
A Govt. of India (Dept. of Atomic Energy) Enterprise  
ईसीआईएल (पो.)/ECIL Post, हैदराबाद/HYDERABAD.-500062 भारत INDIA

फोन/Phone : +91 40 2718 2549  
फैक्स/Fax : + 91 40 2718 2373  
मोबा./Mobile : +91 9440620938  
ई-मेल/E-mail : avenugopal@ecil.co.in  
headapsd@ecil.co.in  
वेब/Web : www.ecil.co.in  
CIN : U32100TG1967GOI001149

Ref : ECIL/APSD/Pushpak/OFC  
Date: 14<sup>th</sup> March 2019

महोदय /Sir,

विषय/Sub: Submission of Bank Guarantee for laying OFC in NH-44

Ref: 1) NHAI letter to ECIL Letter No.NHAI/PIU-NRML/Utility/OFC/2019/173 dated 25.02.19  
2) ECIL letter to NHAI dated 14.01.2019

- 1) This is to inform you that ECIL has received letter from NHAI for submission of Bank Guarantee towards providing ROW Permission for laying OFC in NH-44 from 472+800(LHS) to 475+680(RHS) using existing ducts at 472+800.
- 2) We hereby submitting Bank Guarantee of amount Rs. 3,07,500/- .
- 3) You are requested to provide necessary ROW Charges .ECIL shall pay the ROW Charges along with License fee after receipt of demand note from NHAI.

Thanking You,

For Electronics Corporation of India Limited

(A VENU GOPAL)

14/3/19



तेलंगाना TELANGANA  
 1506/27/12/2018 100/-  
 Paid To: K. Srinivas Rao  
 Set Narasayana  
 ECIL. HMD

R 517017

A. SREENTH  
 Agency Stamp Vendor  
 A.No. 10-05-01/2012  
 A. No. 15-05-026/2017  
 12-1-2018 Sreenth Na  
 with Lok. No. 501-100  
 02/07/2018

To,

The Project Director,  
 NHAI, PIU,  
 Nirmal.

13 MAR 2019

1303919BG0000135

In consideration of agreement for laying OFC on Nagpur-Hyderabad section of NH44 (Old NH7) from Km. 472.800(LHS) to Km.475.680(RHS) and crosses at 472.800 from LHS to RHS using existing duct, for total length of 2.88 km between "National Highways Authority Of India, PIU, Nirmal" (hereinafter called Principal) and "Head Projects "(Electronics Corporation of India Limited, A Government of India (Dept. of Atomic Energy) Enterprise, ECIL Post, Hyderabad – 500062, Telangana, India)", (hereinafter called "Contractor").

We STATE BANK OF INDIA, ECIL, Cherlapally, Hyderabad-500062, India, hereby undertake to pay the principal an amount not exceeding Rs.3,07,500/- (Rupees Three Lakhs Seven Thousand Five Hundred Only) towards performance guarantee against any damage caused to or suffered or would be suffered by the principal, by reasons of any breach of the terms or conditions contained in the said agreement.

1. We, the bank do hereby undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the principal starting that

कुते भारतीय स्टेट बैंक  
 For STATE BANK OF INDIA

कुते भारतीय स्टेट बैंक  
 For STATE BANK OF INDIA

Contd.....02

उप प्रबंधक (वि.एस.)  
 Deputy Manager (C.S.)  
 वाणिज्यिक ग्राहक समूह शाखा, हैदराबाद  
 Commercial Clients Group Br-13039, Hyd.  
 B. VIDYA RANI  
 SS No. V-3220  
 Hyderabad-13039

प्रबंधक (वि.एस.)/Manager (C.S.)  
 वाणिज्यिक ग्राहक समूह शाखा, हैदराबाद  
 Commercial Clients Group Br-13039, Hyd.





1506-27/12/2018 100  
 Add to: C.S. in Val Poo  
 Sotya mousayas  
 ECIL HYD

R 517018  
 A. S. K. R. A. T. H.  
 Licensed Stamp Vendor  
 No. 13-05-030/2011  
 A. No. 16-05-026/2017  
 12-1418, Shanthi N.  
 1st Lane, Sec 6C  
 Andhra Pradesh-500079

1303919 BG0000135  
 :: 2 ::

13 MAR 2019

- amount claimed is on account of making good and executed trench for laying of underground cable of proper filling and compaction, as to restore the land in the same condition as it was before digging the trench, debris / loose earth produced due to execution of trenching. However, our liability under this guarantee shall be restricted to Rs.3,07,500/- (Rupees Three Lakhs Seven Thousand Five Hundred Only).
- We undertake to pay the principal any money so demanded not withstanding any dispute (or) dispute raised by the contractor(s) in any suit (or) proceeding pending before any court or tribunal relating there our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have to claim against us for making such payments.
  - We, the bank, further agree that the guarantee herein contained shall remain in full force and effect during the period would be taken for the performance of said

कृते भारतीय स्टेट बैंक  
 For STATE BANK OF INDIA  
 उप प्रबंधक (वि.एस.)  
 Deputy Manager (C.S.)  
 वाणिज्यिक ग्राहक समूह शाखा, हैदराबाद  
 Commercial Clients Group Br-13039, Hyd.

कृते भारतीय स्टेट बैंक  
 For STATE BANK OF INDIA  
 प्रबंधक (वि.एस.)  
 Manager (C.S.)  
 वाणिज्यिक ग्राहक समूह शाखा, हैदराबाद  
 Commercial Clients Group Br-13039, Hyd.

Contd.....03

B. VIDYA RANI  
 SS No. V-3220  
 CAG-Hyderabad-13039

HARJOT KAUR  
 SS No. K-11168  
 Hyderabad-13039

1303919 BG0000135

::3::

13 MAR 2019

agreement have been fully paid and its claims satisfied or discharged or till the principal, certify that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor and accordingly discharges this guarantee or till 10.03.2021, we shall be discharged from our liabilities under this guarantee thereafter.

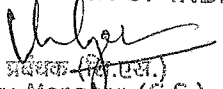
4. The guarantee will not be discharged due to the charge in the constitution of the bank or of the contractor.
5. We the bank lastly undertakes not to revoke this guarantee during its currency except with previous consent of the principal in writing.
6. This bank guarantee is valid until 10.03.2020.

"Notwithstanding anything contrary contained in any law for the time being in force or banking Practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of guarantee can be made only by the beneficiary directly".

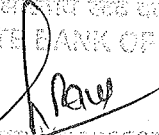
Notwithstanding anything contained herein,

- a. Our liability under this Bank Guarantee is limited to Rs 3,07,500/-.(Rupees Three lakhs Seven thousand five hundred only).
- b. This Bank Guarantee shall be valid up to 10.03.2020.
- c. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written demand on or Before 10.03.2021.

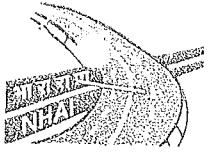
Date: 13 MAR 2019  
Place: Hyderabad

सुवे भारतीय स्टेट बैंक  
For STATE BANK OF INDIA  
  
उप प्रबंधक (वि.एस.)  
Deputy Manager (C.S.)  
वणिज्यिक ग्राहक समूह शाखा, हैदराबाद  
Commercial Clients Group Br-13030, Hyd.

B. VIDYA RANI  
SS No. V-3220  
Hyderabad-13030

सुवे भारतीय स्टेट बैंक  
For STATE BANK OF INDIA  
  
उप प्रबंधक (वि.एस.)  
Deputy Manager (C.S.)  
वणिज्यिक ग्राहक समूह शाखा, हैदराबाद  
Commercial Clients Group Br-13030, Hyd.

HARJOT KAUR  
SS No. K-11168  
Hyderabad-13030



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

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

Project Implementation Unit

H.No. 1-2-21/K16/1B, L.K. Towers, Second Floor,

Shivaji Chowk, NIRMAL District - 504 106,

Telangana.

Phone & Fax: 08734 241365

08734 242370

e-mail: nirmal@nhai.org

piunirmal@gmail.com



BHARATMALIA  
ROAD PROPERTIES

NHAI/PIU-NRML/Utility/OFC/2019/143

Dt: 25.02.2019

To

The Authorized Signatory

M/s. ECIL,

Aerospace Systems Group,

ECIL Post, Hyderabad - 500062

Sub: NHAI, PIU, NIRMAL Permission for laying of OFC on NH-44 from Km. 472+800 to Km. 475+680 and road crossing at Km. 472+800 Km using existing ducts in the state of Telangana - Reg.

Ref: 1. ECIL Lr. No. Nil, dtd. 14.01.2019

2. M/s.K&J PPL Lr. No. KNJ/NHAI/SO/2019/0-213, dtd. 08.02.2019

Sir,

Please find enclosed herewith observations of M/s. K&J PPL communicated observations on the proposal received from ECIL regarding Permission for laying of OFC on NH-44 from Km. 472+800 to Km. 475+680 and road crossing at Km. 472+800 Km using existing ducts in the state of Telangana.

In this connection, it is requested to furnish the Bank Guarantee and license fee to be paid as communicated by the IE in the reference 2<sup>nd</sup> cited so as to take further necessary action.

Encl: As above

Yours faithfully

(MIR HAMED ALI)

DGM (Tech.) & Project Director

NHAI, PIU, NIRMAL

Copy to M/s. K&J PPL, Toopran - for information

O/O HEAD, AR&SD  
10.09.2019

Corporate Office: G 5 & 6, Sector 10, Dwaraka, New Delhi - 110 075

Phone: 91-011-25074200 Fax: 91-011-25093514



NJ/NHAI/SO/2019/0-213

Date: 08.02.2019

To  
The Project Director,  
National Highways Authority of India,  
Project Implementation Unit,  
H.No. 1-2-21/K16/1B, L.K.Towers,  
2<sup>nd</sup> Floor, Shivaji Chowk, NIRMAL (Dist) - 504 106.

Sub: Independent Engineer Services during O & M period for 4 Lane stretch from Km. 367-000 (Adloori Velareddy) to Km. 464-000 (Gundla Pochanpalli) Contract Package No. NS-2 BOT-AP-2) and Additional highway from 464-000 (Gundla Pochanpalli) to Km. 474+000 (Bowenpalli)-Permission for laying of OFC on NH-44 From km 472+000 to 476+300 RHS and across at 472+000 on NH-44 - Observations of Joint inspection-Submitted-reg.

Ref:

1. NHAI/PIU-NRML/ Utility /OFC- /2019/68 dated. 24.01.2019, copy of ECIL Lr. Dt.14-01-2019.
2. Market value as received from the Joint sub-registrar, Medchal, dated 17.09.2018, for the SY. No.'s in Medchal village, in Kandlakoi village .

Dear Sir,

With reference to the letter cited 1 under reference, as desired by NHAI, the proposal received from M/s. ECIL regarding permission of laying of OFC Cable along NH-44 Hyderabad-Nagpur Highway, from Km.472+800 (ORR connecting road) to Km.475/680 (Gundla pochampally) on RHS, has been inspected on 01.02.2019, jointly by HME ,K&J along with representative of M/S ECIL(HYD). The observations of the IE, are furnished as under:

1. The stretch is falling in the green belt area.
2. The proposed laying of OFC cable is from Km.472.800 to 475.680 for a length 2.880 Km on RHS.
3. The existing ROW from Km.472.800 to 475.680 is 75m.
4. The Road crossing proposed by the applicant, at Km.472.800 is from LHS to RHS of length 95M, as shown in drawing.
5. M/S ECIL(HYD), submitted the strip plan/route plan and the check list enclosed are verified and found in order.
6. In the road crossing, the cable is to be encased with concrete.

  
**K & J Projects Pvt. Ltd.**

Head Office: SHIVAM, 16 NIT Layout, Ravi Nagar, Nagpur 440 033 Maharashtra, India. www.knjprojects.com

Pg.1/2





As per MORTH policy guidelines provided under NHAI circular No. RW/NH-33044/29/2015/S&R(R).dt 22.11.2016. the details of the licence fee as per clause 5 and the cost of utility services as per clause 6, are worked out and enclosed as Annexure-A.

This is for your information and further necessary action.

Thanking you,

Yours truly

P. Naga Bhushanam.  
Team Leader  
K&J Projects Pvt Ltd.

Encl; 1) Annexure-A.

2) Market value from Registration & stamps dept.

Copy to:

- i) The Vice-President, K&J Projects Pvt. Ltd. Nagpur, for information Please.

Pg.2/2

**K & J Projects Pvt. Ltd.**

Head Office: SHIVAM, 16 NIT Layout, Ravi Nagar, Nagpur 440 033 Maharashtra, India, [www.knjprojects.com](http://www.knjprojects.com)

Regional Centre: 8-2-608/1/5/B, Road No. 10, Banjara Hills, Hyderabad-500034 Telangana.

Tel: 040 23322021E: [contact-hyd@knjprojects.com](mailto:contact-hyd@knjprojects.com)

CIN No. U45203MH2004PTC150165

Proposed OFC cable laying by M/s ECIL Ltd.

Sl. No.	Name of Village	Chainage		Length route Mtrs.	Width Mtrs.	Utilized NH Land Area Sq. Mtrs.	Prevailing Circle rate of Land in Rs./Acre (As per Revenue Records)	Prevailing Circle rate of Land in Rs./Sq. Mtrs. (As per Acre/4046.86)	Amount Rs.	Remarks
		from Km	to Km							
1	2	3	4	5	6	7 (5x6)	8	9	10 (7x9)	11
1	ORR (Connecting road to Gundlupochampalli X Road	472.800	475.680	2880	0.45	1296	7502000	1853.78	24,02,503	On RHS Parallel to MCW
2		472.700	472.800	100	0.45	45	7502000	1853.78	83,420	On LHS Parallel to MCW, near by crossing.
3	ORR (Connecting road	472.800		75	1	75	7502000	1853.78	1,39,034	Crossings (Near utility crossing)
Total Amount										26,24,957
License Fees (Rs./month) = 2503534/(10*12)										21,875
Total License fees for 5 Years=20863*12*5										1,12,478
The license fees payable by M/s ECIL Ltd for laying of public utility service (Telecom cables)										
or public utility 33% of industrial utilities as per point No. 5 of NORTH guidelines vide letter no. RW/NH 33044/29/2015/S&R/* Dated. 22nd November 2016 i.e. Rs. 1251767*33%										4,33,118
Performance bank Guarantee calculations										
As per point no. 6 of NORTH guidelines vide letter no. RW/NH 33044/29/2015/S&R/* Dated. 22nd November 2016 by Amount of Performance Bank Guarantee to be submitted = Total No. of Route in meters x Rs. 100/ meter (for less than 300mm dia width) i.e. 3075 x 100/- = Rs. 3,07,500/-										





भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(महक परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

Project Implementation Unit

H.No. 1-2-21/K16/1B, L.K. Towers, Second Floor,  
Shivaji Chowk, NIRMAL District - 504 106,  
Telangana.

Phone & Fax: 08734 241365

08734 242370

e-mail: nirmal@nhai.org

piunirmal@gmail.com



भारतमाला  
ROAD TO PROSPERITY

NHAI/PIU-NRML/Utility/OFC/2019/173

Dt: 25.02.2019

To  
The Authoried Signatory  
M/s. ECIL,  
Aerospace Systems Group,  
ECIL Post, Hyderabad - 500062

Sub: NHAI, PIU, NIRMAL - Permission for laying of OFC on NH-44 from Km. 472/800 to Km. 475+680 and road crossing at Km. 472+800 Km using existing ducts in the state of Telangana - Reg.

Ref: 1. ECIL Lr. No. Nil, dtd. 14.01.2019  
2. M/s.K&J PPL Lr. No. KNJ/NHAI/SO/2019/0-213, dtd. 08.02.2019

Sir,

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In this connection, it is requested to furnish the Bank Guarantee and license fee to be paid as communicated by the IE in the reference 2<sup>nd</sup> cited so as to take further necessary action.

Encl: As above

Yours faithfully

(MIR HAMED ALI)

DGM (Tech.) & Project Director  
NHAI, PIU, NIRMAL

25.2.2019

Copy to M/s. K&J PPL, Toopran - for information



KNJ/NHAI/SO/2019/0-213

Date: 08.02.2019

To  
The Project Director,  
National Highways Authority of India,  
Project Implementation Unit,  
H.No. 1-2-21/K16/1B, L.K.Towers,  
2<sup>nd</sup> Floor, Shivaji Chowk, NIRMAL (Dist) - 504 106.

Sub: Independent Engineer Services during O & M period for 4 Lane stretch from Km. 367+000 (AdloorYellareddy) to Km. 464+000 (GundlaPochanpalli) (Contract Package No. NS-2/BOT/AP-2) and Additional highway from 464+000 (GundlaPochanpalli) to Km. 474+000 (Bowenpalli)-Permission for laying of OFC on NH-44 From km 472+000 to 476+300 RHS and across at 472+000 on NH-44 - Observations of Joint inspection-Submitted-reg.

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6. In the road crossing, the cable is to be encased with concrete.

Pg.1/2

**K & J Projects Pvt. Ltd.**

Head Office: SHIVAM, 16 NIT Layout, Ravi Nagar, Nagpur 440 033 Maharashtra, India, www.knjprojects.com

Tel: 040 23322021E: [contact-hyd@knjprojects.com](mailto:contact-hyd@knjprojects.com)

CIN No. : U45203MH2004PTC150165



As per MORTH policy guidelines provided under NHAI circular No. RW/NH-33044/29/2015/S&R(R), dt 22.11.2016, the details of the licence fee as per clause 5 and the cost of utility services as per clause 6, are worked out and enclosed as Annexure-A.

This is for your information and further necessary action.

Thanking you,

Yours truly

**P. Naga Bhushanam.**  
Team Leader  
K&J Projects Pvt Ltd.

Encl; 1) Annexure-A.  
2) Market value from Registration & stamps dept.

Copy to:

- i) The Vice-President, K&J Projects Pvt. Ltd. Nagpur, for information Please.

Pg.2/2

**K & J Projects Pvt. Ltd.**

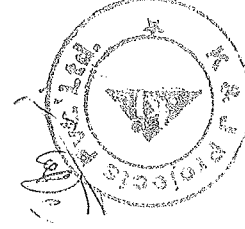
Head Office: SHIVAM, 16 NIT Layout, Ravi Nagar, Nagpur 440 033 Maharashtra, India, [www.knjprojects.com](http://www.knjprojects.com)

Regional Centre: 8-2-608/1/5/B, Road No. 10, Banjara Hills, Hyderabad-500034 Telangana,

Tel: 040 23322021E: [contact-hyd@knjprojects.com](mailto:contact-hyd@knjprojects.com)

CIN No. : U45203MH2004PTC150165

Proposed OFC cable laying by M/s ECIL Ltd.										
Sl.no	Name of Village	Chainage		Length route Mtrs.	Width Mtrs.	Utilized NH Land Area Sq.Mtrs.	Prevaiiling Circle rate of Land in Rs./Acre (As per Revenue Records)	Prevaiiling Circle rate of Land in Rs./Sq. Mtrs. (As per Acre/4046.86)	Amount Rs.	Remarks
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3	ORR Connecting road	472.800		75	1	75	7502000	1853.78	1,39,034	Crossings (Near utility crossing )
Total Amount									26,24,957	
License Fees (Rs./month) = 2503534/(10*12)									21,875	
Total License Fees for 5 Years=20863*12*5									13,12,478	
The license fees payable by M/s ECIL Ltd for laying of public utility service (Telecom cables) (for public utility 33% of industrial utilities as per point No. 5 of MORTH guidelines vide ler no. RW/NH-33044/29/2015/S&R/® Dated. 22nd November 2016 i.e. Rs. 1251767*33%)									4,33,118	
Performance bank Gurantee calculations										
As per pointno.6 of MORTH guidelinesvide ler no. RW/NH-33044/29/2015/S&R/® Dated. 22nd November 2016 by Amount of Performance Bank Guarantee to be submitted = Total No. of Route in meters x Rs. 100/ meter (for less than 300mm dia width) i.e. 3075 x 100/- = Rs. 3,07,500/-										





**Government of Telangana**  
**Registration And Stamps Department**

Market Value Assistance  
(Duty & Fee Calculator)

Request No: 1963/2018

SRO Name: 1504 MEDCHAL (R.O)

Dist Name: MEDCHAL-MALKAJIGIRI

Date: 17/09/2018 11:32

Nature of the Document: Sale Deed (01-01)

Consideration Value of the Property:

Property Details:

Jurisdiction: MEDCHAL (R.O)-1504

Village Name:		MEDCHAL	
Locality/Habitation:		MEDCHAL	
Classification:		Dry land	Property Type: Agricultural Land
Door No:			
Survey No:		868,874,873	Plot No:
Extent:		1 Acres	Total Floors:
Boundaries:	East:		West:
	North:		South:

NOTE: Survey Numbers: 873 Is Prohibited.

Valuation Details:		
Land Cost: 7502000	Structure Cost: 0	Market Value: 7502000
Unit Rate: 7502000/Acre	Valuation Code: 51	Taxable Value: Market Value

Duty & Fee Payable:		
Stamp Duty: 300080	Transfer Duty: 112530	Registration Fee: 37510

జాయింట్ సబ్-రిజిస్ట్రార్-11  
ఎం కర్కటమ మేయర్, మున్సిపల్ కార్పొరేషన్

జాయింట్ సబ్-రిజిస్ట్రార్-11  
మేయర్, మున్సిపల్ కార్పొరేషన్

Prepared By: EPANDU

Authorized Signatory

Note: 1) This is the provisional statement providing the tentative information on MV, stamp duty & fee thereon as per the input given statement is not valid if it is found to be Prohibited as per section 22A of Registration Act. 3) The Values shown are valid till the next Revision. 4) This report is valid for the Entries done on or after 01 April 2013.







A. Venugopal  
Head, AP&SD  
ECIL, Hyderabad.

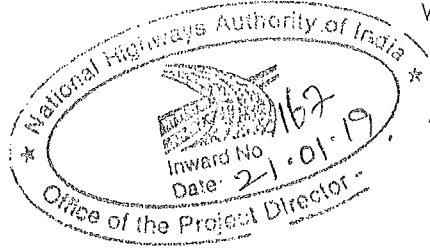
इलेक्ट्रॉनिक्स कारपोरेशन ऑफ इंडिया लिमिटेड  
Electronics Corporation of India Limited



( A Govt. of India Enterprise )  
Antenna Products & Satcom Division  
Aerospace Systems Group, ECIL Post  
HYDERABAD - 500 062. INDIA.

Phone : +91 40 2718 6735  
Cell : 9440684762  
Fax : +91 40 2718 2457  
e-mail : zgm@ecil.co.in  
Web : http://www.ecil.co.in

To  
The Project Director,  
National Highway Authority of India,  
Project Implementation Unit,  
Shivajichowk, Nirmal-504106.  
Telangana.



January 14<sup>th</sup> 2019

**Sub:** Permission to lay Optical Fiber Cable (OFC) along Nagpur-Hyderabad section of NH-44 (old NH-7) road from 472+800(LHS) to 475+680 km and across at 472+800 km using existing ducts, for the length of 2880 meters under NHAI, Project Implementation Unit-Nirmal limits in Telangana state-Regarding.

**Ref:** Ministry circular No.RW/NH-33044/29/2015/S&R(R) (Pt.), dated 22/11/2016.

Dear Sir,

Electronics Corporation of India Limited (ECIL), a Govt. of India (Dept. Of Atomic Energy) Enterprise Hyderabad-500062, is engaged in the project of establishing terrestrial network spread over various locations across the country under this ECIL has to provide the last mile connectivity between various locations of Ministry of Defense through optical fiber network.

We are planning to lay optical fiber cable through duct adopting various methodologies like Horizontal Directional Drilling (HDD), Open Trenching (OT) and other suitable methods to construct a Fiber optic backbone link. The work shall be carried out as per standards, guidelines and policies for laying the OFC including installation of chambers for about said route.

As per letter of Ministry of Road Transfer & Highways (MORTH), dated 22/11/2016 condition no.17, the licensee we will restore the trench after laying the ducts/cable.

Further, as per condition no.19 we will submit performance bank guarantee @ Rs.100 per route meter after acceptance of the proposal, with validity of 1 year as security against improper restoration of ground in terms of filling / unsatisfactory compaction damages caused to other underground utility services & interference, interruption, disruption or failure caused thereof to any services etc.

You are kindly requested to grant us the necessary permission.

Thanking you,

Yours faithfully,  
For Electronics Corporation of India Limited

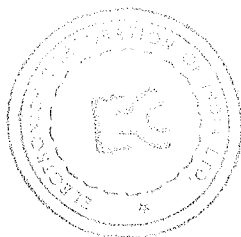
A. Venugopal

Encl: As per enclosed index

प्रमुख, एपी एवं एसडी / Head, AP&SD  
ईसीआईएल, हैदराबाद  
ECIL, HYDERABAD-500 062.

## Index

1	Application to Project Director,NHAI PIU ,Nirmal	Enclosed
2	Check List along with Demand Draft for Rs.1	Enclosed
3	Licence Deed for Laying of Optical Fibre on NH Land( 100 Rs Stamp)	Enclosed
4	Annexure-3 ROR(Register of Records)	Enclosed
5	Certificate for 6 Lanning ( 20 Rs Stamp)	Enclosed
6	Undertaking as per serial no. 5 of Checklist (20 Rs Stamp)	Enclosed
7	Indemnity Bond ( 100 Rs Stamp)	Enclosed
8	Typical Cross Section of OFC Ducts	Enclosed
9	Typical Cross Section of Road Crossing through HDD Method	Not Applicable
10	Methodology of OFC Laying	Enclosed
11	Copy of Unified License No.	SPIC PO Enclosed
12	Copy of Insurance Certificate	Will be submitted after permission given to ECIL to start work
13	Copy of Power of Attorney	Enclosed
14	Ministry Circular No. RW/NH/33044/29/2015/S&R dated 22.11.2016	Enclosed
15	Strip Plan/Drawings	Enclosed



# Check List for getting approval for laying of Optical Fibre Cables on NH land

S.NO	ITEM	INFORMATION/STATUS	REMARKS
1	General Information		
1.1	Name and Address of the Applicant	Electronic Corporation Of India Ltd Antenna Products & Satcom Div. ECIL Post HYD-500062, Telangana, India Ph:040-27186735, TeleFax:040-27182457	
1.2	National Highway Number	NH 44 (Old NH-7)	
1.3	State	Telangana	
1.4	Location	ORR connecting road to Gundlapochampally X-Road	
1.5	Chainage in Km	From km.472+800 to km475+680	
1.6	Length in Meters	2880 meters	
1.7	Width of available ROW	75 m	
	(a) Left side from center line towards increase chainage/km direction	37.5m	
	(b) Right side from center line towards increase chainage/km direction	37.5m	
1.8	Proposal to lay the cable		
	(a) Left side from center line towards increase chainage/km direction	Crosses the road at 472+800 from LHS to RHS using existing duct	
	(b) Right side from center line towards increase chainage/km direction	As per the proposed diagram	
1.9	Proposal to acquire land	Connectivity from Railtel exvchange to NTRO Hyd	
	(a) Left side from center	NA	
	(b) Right side from center	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not then where to lay the cable	NA	
1.11	Details of already Laid services, if any, along the proposed route	Gas pipeline,BSNL OFC cable,	
1.12	Number of lanes(2/4 / 6/8 lanes) existing	4 lanes	
1.13	Proposed number of lanes (2 lane with paved shoulders/4 / 6/8 lanes	NA	
1.14	service road existing or not	YES	
	if yes then which side		
	(a) Left side from center	15m	
	(b) Right side from center	15m	
1.15	proposed service road		
	(a) Left side from center	NA	
	(b) Right side from center	NA	
1.16	Whether proposal to lay cable is after the service road or between the service road and main carriageway	After the Service road	
1.17	The permission for laying OFC shall be considered for approval/rejection	for approval	
	(i) where the ROW is more than 45 m then the duct cable shall be laid at the edge of the right of way within the utility corridor of 2m width, duly keeping in view the future widening.	NA	
	(ii) where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning.	NA	


*[Signature]*

*Arjun*  
 10.05.2017 / A. VENU GOUD  
 NHA, NHA of Hyderabad  
 ECIL, HYDERABAD-500 002.

*[Signature]*

**PROJECT DIRECTOR**  
 National Highways Authority of India  
 PIU NIRMAL (T.S.)

	(iii) where the widening plan for 4 laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5m to 2m of utility corridor at the edge of existing ROW duly keeping in view the possible widening plans.	NA	
	(iv) where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. highways in cutting through hilly/rolling terrain ), the cable shall be laid clear of the drain.	NA	
	(v) where the land strip for utility corridor cannot be conveniently earmarked(available ROW restricted to the toe of the embankment) for laying of cable/ducts the permission may be refused.	In such instance, we will be routing alternate path,if any or will be executing by trenchless methodology to connect the path as per authority guidelines.	
1.18	NO. of applicants on the same stretch	1	
1.19	whether the case of multiple licenses	NO	
1.2	if so furnish a joint implementation programme to lay their respective ducts within stipulated time frame	NA	
1.21	If crossings of the road involved if yes it shall only be through trenchless technology	YES	
2	<b>Document/drawing enclosed with the proposal</b>	Yes	
2.1	cross section showing the size of trench for open trenching method (is it normal size of 1.6m deepX0.5m wide) should be greater than 1.2m in width in multiple ducts	YES	Drawing enclosed
2.2	cross section showing the size of pit and location of cable for HDD.	NA	
2.3	Strip plan/Route plan showing OFC, chainage, width of ROW, important mile stone,intersections,cross drainage works etc.	Yes	Drawing enclosed
2.4	Methodology for laying of OFC	Open Trench	
2.4.1	open trenching method. If yes , methodology of refilling of trench.	Methodology attached	
2.4.2	HDD (horizontal directional drilling) method	NA	
2.4.3	laying of OFC through CD works and method laying (whether to be hung outside parapet)	NO	
3	<b>Draft license Agreement signed by two witness</b>	YES	
4	<b>performance Bank Guarantee</b>	YES	Will be submitted after acceptance of proposal
4.1	performance BG as per Ministry's circular No.RW/NH-33044/27/2000-S&R ® dated : 21.3.2006 to be obtained @50/- per meter length	BG shall be submitted as per guidelines as and when demanded by NHAI	Will be submitted after acceptance of proposal
4.2	confirmation of BG has been obtained as per NHAI guidelines	Will be obtained as per NHAI	
5	<b>Affidavit/undertaking from the Applicant for</b>		
5.1	Not to damage to other utility , if damaged then to pay the losses either to NHAI or to the concerned agency	YES	Undertaking enclosed
5.2	Renewal of BG	YES	Undertaking enclosed
5.3	Confirming all standard condition of NHAI's guideline	YES	Undertaking enclosed

  
**PROJECT DIRECTOR**  
 National Highways Authority of India  
 PIU NIRMAL (T.S.)

5.4	Shifting of OFC as and when required by NHAI	YES	Undertaking enclosed
5.5	Shifting due to 6 lanning/widening of NH	YES	Undertaking enclosed
5.6	Indemnity against all damages and claims clause (xxiv)	YES	Undertaking enclosed
5.7	Traffic movement during laying of OFC to be managed by the applicant	YES	Undertaking enclosed
5.8	if any claim is raised by the concessionaire then the same has to be paid by the applicant	YES	Undertaking enclosed
5.9	Certificate for 6 laning from the applicant in the following format "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 HHAI" for future 6 laning or any other development."	YES	Undertaking enclosed
6	power of Attorney in favour of authorized signatory	YES	Enclosed
7	copy of DOT license	Not Applicable	
8	Certificate from the Project Director		
8.1	Certificate for confirming of all standard condition issued vide Ministry circular No.RW/NH-33044/17/2000-S&R dated : 29.9.2000 and NHAI'S guidelines issued vide No. NHAI/OEC/2k/Vol II dated 7.11.2000 and Ministry's circular No.RW/NH-33044/27/2000-S&R (R) dated : 21.3.2006	YES	Enclosed
8.2	Certificate for 6 lanning from PD in the following format		
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location".	YES	Enclosed
	(b) in case feasibility report is not available "I do certify that sufficient ROW is available at site for accomadating proposed six-laning".	NA	
9	The Agreement fee of RS.1 shall be charged	YES	Enclosed
10	If NH section proposed to be taken up by NHAI on BOT basis- a clause in para 17 to be inserted in the agreement. "The permitted Highway on which License has been granted the right to lay cable/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [-----section from 472+800 to 475+680 of NH No.44 on Build, Operate and Transfer Basis] and therefore , the licensee shall honour the same".	YES	Enclosed
11	Who will supervise the work of laying of OFC	NHAI	
12	Who will ensure that the defects in road portion after laying of OFC are corrected and if not corrected then what action will be taken.	NHAI	
13	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the Concessionaire.	Electronic Corporation Of India Limited	
14	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed) issued vide Ministry Circular No.RW/NH/33044/29/2015/S&R dated 22.11.2016	YES:	Enclosed

**PROJECT DIRECTOR**  
National Highways Authority of India  
PIU NRMAL (T.S.)

15	If any previous approval is accorded for laying of cable then photocopy of register of records of permissions accorded as maintained by PD( as per ministry circular No.RW/NH-33044//29/2015/S&R dated 22.11.2016) as referred in para 13 above is enclosed or not.	NA	
----	---	----	--

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*  
**PROJECT DIRECTOR**  
 National Highway Development Corporation of India  
 PIU (Karnataka - H.S.)

जारी करने वाली भारतीय स्टेट बैंक  
Issuing Branch: State Bank of India LTD (HYD)  
कोड नं. / CODE No: 02714  
Tel No. 04000-271370

मांगद्राफ्ट  
DEMAND DRAFT

Key: NIGFIP  
Sr. No: 627955

1 6 0 1 2 0 1 9  
D D M M Y Y Y

मांगे जाने पर NATIONAL HIGHWAYS AUTHORITY OF INDIA PIU/NIRMAL \*\*\*\*\*

ON DEMAND PAY  
रुपये RUPEES One Only

₹ 1.00  
अदा करें

IOI 000505370533  
Name of Applicant

Key: NIGFIP Sr. No: 627955  
ELECTRONICS CORPORATION OF IND  
AMOUNT BELOW 2(1/1)

मूल्य प्राप्त / VALUE RECEIVED

*Saima*

भारतीय स्टेट बैंक

STATE BANK OF INDIA

अदाकर्ता शाखा / DRAWEE BRANCH: BUDHWARPET - NIRMAL  
कोड नं. / CODE No: 20973

प्रामाणिक हस्ताक्षरकर्ता

RECEIVED SIGNATORY

SAIMA RAMESH

SS No: 6719934

SBI, BGLB, Bhanuwarpet  
040-27137006

कम्प्यूटर द्वारा मुद्रित होने पर ही वैध  
VALID ONLY IF COMPUTER PRINTED

केवल 3 महीने के लिए वैध  
VALID FOR 3 MONTHS ONLY

₹ 1,50,000/- एवं अधिक के निखन में अधिकारियों द्वारा हस्ताक्षरित होने पर ही वैध है।  
INSTRUMENTS FOR ₹ 1,50,000/- & ABOVE ARE NOT VALID UNLESS SIGNED BY TWO OFFICERS

⑈ 3 7 0 5 3 ⑈ 0 0 0 0 2 0 0 0 ⑈ 0 0 0 5 0 5 ⑈ 1 6



तेलंगाना TELANGANA  
1505/27/12/2018 100/-  
Date  
To K. Srinivas Rao  
Salmanur 50402  
ECIL HMD

Annexure-II

R 517014

ASURANTH  
Corresponding Vendor  
L.No: 15-05-050/2017  
A.No: 15-05-050/2017  
12-1-1416 S. N. N. Nagw  
12-1-1416 S. N. N. Nagw  
12-1-1416 S. N. N. Nagw

**AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS FOR  
LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS**


Agreement to lay Telecom Cables/ OFC/ducts from road from Km 472+800(LHS) to km 475+680(RHS) and across at Km472+800(from LHS to RHS using existing ducts), for the length of 2880 meters of National Highway Authority of India.

This Agreement made this.....day of..... (Month) of..... (Year) between..... acting in his executing capacity through..... (Hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part, and M/s....., a company registered under the companies Act, 1956 and having its Registered office at..... (Hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

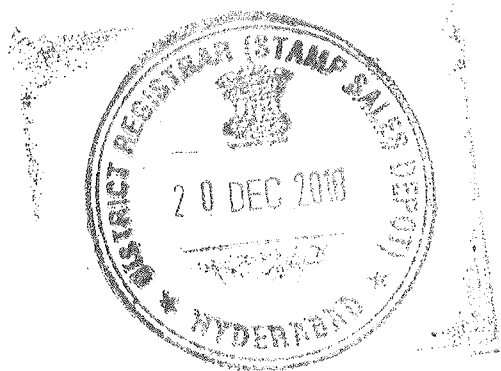
Whereas the Authority is responsible, inter-alia, for development and maintenance of lands in.....

Whereas the Licensee proposes to lay Telecom cables/ducts in Nagpur-Hyderabad section on Nh-44(Old NH-7).


Whereas the Licensee has applied to the Authority for permission to lay Telecom Cables/ducts from Km 472+800(LHS) to 475+680(RHS) and across the road at 472+800(from LHS to RHS) for a total length of 2880 meters.

  
S. Avinash  
1505/27/12/2018 100/-  
ECIL, HYDRABAD-500 082.





Now this agreement witnesses that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay telecom cables/ducts as per the approved drawing attached hereto subject to the conditions namely.

-   
 P. Jayaraman, JNU CLG  
 10/10/1981 / Hyd, Andhra  
 Pradesh, India  
 ECIL, HYDERABAD-500 082.


8. The License shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the License.
9. In exceptional cases, where ROW is restricted the utility service can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility service be laid in concrete ducts, which will be designed to carry traffic on top. The width of the ducts shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility service shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 metre below the ground level. However, any structure above ground shall be aesthetically provided for / landscaped with required safety measures as directed by the concerned Authority.
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances the clearance is given Attachment-I.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in below or as supplied by the Highway Authority.

Augur

Aug 1944

- a. Bedding shall be to a depth not less than 30cm. it shall consist of granular material, free of lumps, cold and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edge should be excavated and replaced by selected material.
  - b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to bottom of the road crust.
  - c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping 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.
  - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specification stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to 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 the edge of the right of way.
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs.100 Per route metre / Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designed agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility service & interference, interruption, disruption or failure caused thereof to any service etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/its designated agency for any damage sustained by them by reason of the exercise of the ROW facility:
21. The Licensee shall shift the utility services with 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned purpose of improvement/widening of the road/route/highway or construction of



  
 ए. वेंकटेश्वर, एसी एवं एनई/11000, आरएड  
 इंजीनियरिंग, इन्फ्रा  
 ECIL, HYDERABAD-500 032.

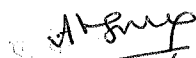
flyover/bridge and restore the road/land to its original condition at his own cost and risk.

22. The Licensee shall be responsible to ascertain from the respective agency in coordination with Authority, regarding the location of other utilities/underground installations/facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible/ liable for full compensation/ indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the Licensee. The concerned agency in coordination with Authority shall also have a right make good such damages/ recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank guarantee.
26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 day in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank guarantee for maintenance/repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.



*Abhinav*  
ए. वेणु मोहन / A. VENU MOHAN  
महानगर, एन सी रोड, नारायणपुरा  
बेसिन नं. 1, 2, 3  
ECL, HYDRABAD-500 022

28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damaged and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15 % per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land/property, other than what is herein expressly granted. No use of NH ROW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land/Property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and inalienable by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recording of laying of cables in the trench ( with respect to the NH ) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorised representatives of Authority to inspect the project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawing and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any




Stamp: 10/10/2019  
10/10/2019  
10/10/2019

loss caused to it by such cancellation not shall it be absolved from any liability already incurred.

38. The Licensee shall ensure adherence to relevant Indian standard and follow best industry practices, methods and standard for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practice, methods and standards shall be adjusted as necessary, to take account of:
- a. Operation, repair and maintenance guidelines given by the manufacturers,
  - b. The requirements of Law,
  - c. The physical conditions at the site, and
  - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produces due to excavation of trenching at least 50m away from the edge of the ROW.
42. Any dispute in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the ministry and the decision of the redress mechanism shall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MORT&H/NHAI/implanting authorities for the project shall not be liable to the concessionaire in any way in this regard.



  
ए. वेणु गोपाल / A. VENU GOPAL  
प्रमुख, एपी एवं एनडी / Head, AP&SD  
इंजीनियरिंग, सेक्टर  
ECIL, HYDRABAD-500 062.

This agreement has been made in duplicate, each on a stamp paper, each party to this Agreement has retained one stamped copy each.

IN WITNESS WHERE OF THE PARTIES HERE TO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED SEALED AND DELIVERED FOR AND BEHALF OF AUTHORITY BY SHRI A. Venugopal

अध्यक्ष, एपी & एसडी / Head, AP&SD  
ईसीआईएल, हैदराबाद  
ECIL, HYDERABAD-500 062.  
(Signature, name & address with stamp)

SIGNED ON BEHALF OF M/S Electronics Corporation of India Limited (LICENSEE)

BY SHRI A. Venugopal  
(A. Venugopal)

अध्यक्ष, एपी & एसडी / Head, AP&SD  
ईसीआईएल, हैदराबाद  
ECIL, HYDERABAD-500 062.

(Signature, name & address with stamp)

HOLDER OF GENERAL POWER OF ATTORNEY DATED 2nd Dec 2018

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. \_\_\_\_\_

DATED 15-06-1972 PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON THE PRESENCE OF (WITNESSES): -

1. Z.G. Makandar जेड. जी. मकानदार / Z.G. MAKANDAR  
अपर महा प्रबंधक / Addl. General Manager  
एपी & एसडी, ईसीआईएल / AP & SD, ECIL  
हैदराबाद-५०००६२ / HYDERABAD-500 062.
2. Shakir Memon

शाकिर ममन / SHAKIR MEMON  
ज्येष्ठ तकनीकी अधिकारी / Senior Technical Officer  
ईसीआईएल, हैदराबाद  
Hyderabad-500 062.



### Annexure-III

#### Enclosure to MOST (Dept. Of RT & H) Letter No.RW/NH-33044/29/2015/S&R(R)

Format for maintaining Records of Right of way permission granted for laying OFC

(To be maintained separately for every NH and State, every PWD Division or equivalent)

1. Name of state : Telangana
2. Name of Agency (PWD/BRO/NHA) : NHAI
3. Name of PWD Division or Equivalent : Nagpur-Hyderabad
4. NH Number : 44

Location (chain age in KM)	Left or Right side of NH (towards increasing chain age km direction)	Section and reach	Kind of service	Name of licensee and contract address	Date of signing of agreement	Date of Validity of agreement	Date of last inspection agreement of site	Any deviation from MoRTH standard norms	Remarks
From km 472+800 to km 475+680 Crosses the road on 472+800 using existing duct	Along the Road	Nagpur- Hyderabad	OFC (Fiber) for DRDO Project	Electronics Corporation of India Limited. A Govt. of India (Dept. Of Atomic Energy) Enterprise Hyderabad-500062				NO	

*[Handwritten signature]*  
*[Stamp: RECEIVED, 2015, 082]*



తెలంగాణ తెలంగాణ TELANGANA

Sl.No.: 3334 Dt: 12 March-2018 Rs.20/-  
K SRINIVASA RAO

Name : K SATYANARAYANA RAO R/o.Hyd  
/o. : ECIL

For Whom: .....

15AA 406599  
C VISWESWARA REDDY

Licence Stamp Vendor

Licence No.15-26-049/2012, R.L.No.15-26-024/2018

H.No.1-10-215/63, Chakripuram, ECIL Post,  
Kapra Mandal, Medchal-Malkajgiri District 500062

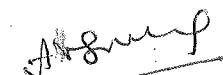
Cont No.9705321555

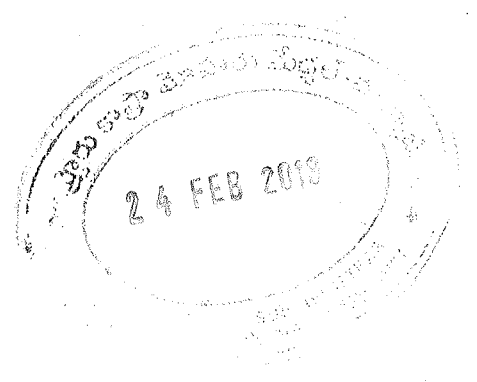
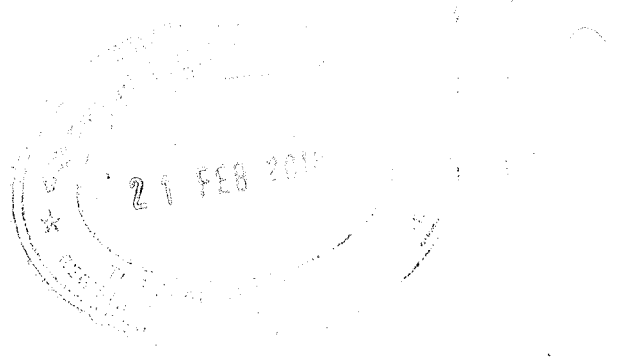
### CERTIFICATE FOR 6 LANNING

We, Electronics Corporation of India Ltd. Hyderabad – 500062 (Telangana), India, hereby do undertake in Reference to our ROW Application for the route NH-44(old NH 7) from km 472+800 (LHS) to 475+680 km(RHS) and across at 472+800 km(from LHS to RHS) using existing ducts, for total length of 2880 meters Project Implementation Unit - Nirmal limits in Telangana State.

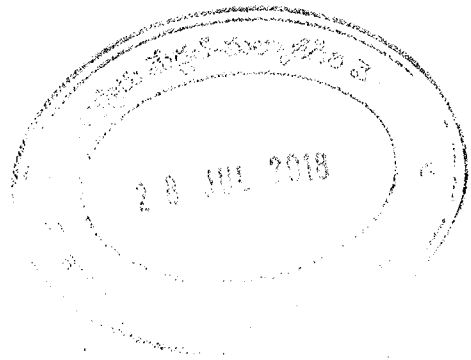
We will relocate cable lines/utilities at our own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI for future 6-laning or any other development.

Electronics Corporation of India Limited

  
Authorized Signatory  
V. VENU COPAL  
Manager, Project / Head, AP&SD  
ECIL, Hyderabad  
ECIL, HYDERABAD-500 062.





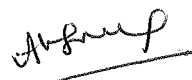
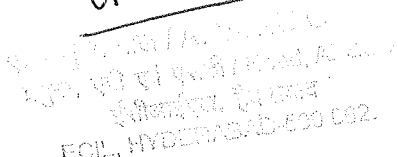


year initially (extendable if required trench for laying the completion of work) as a security for ensuring/making good the excavated trench for laying the cable/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the M/S Electronics Corporation of India Limited for clearings debris/loose earth. In case the work contemplated here with is not completed to the satisfaction of the NHAI, which has granted the permission, within a period of 11 months from the date issue of the bank guarantee, the M/S Electronics Corporation of India Limited shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of the M/S Electronics Corporation of India Limited failing to discharge the obligation of making good the excavated trench, the NHAI shall have a right to make good damages caused by excavation, at the cost of the M/S Electronics Corporation of India Limited and recover the amount by invoking the bank guarantee furnished by the M/S Electronics Corporation of India Limited.


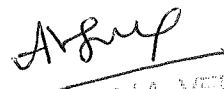
### 3. Confirming all standard condition of NHAI:

- (i) The period of way permission shall be co-terminus with the validity of licensee given by the Ministry of communications/DOT.
- (ii) The cable shall be laid at the edge of the right of way within 2m utility corridors.
- (iii) The top of the casing conduit pipe containing the cables shall be at least 1.60m below the surface of the road subject to being at least 0.3m below the drain inverts.
- (iv) The licensee has to cross the NH by horizontal drilling method (trenchless technology only). In case any damage is caused to the road pavement in this process, the M/S Electronics Corporation of India Limited will be required to restore the same to the original condition at his own cost.
- (v) Existing CD works shall not be allowed for laying the OFC and shall be crossed by HOD method only.
- (vi) No trenching will be done on link road, boring method will be used in link road and cable will laid at the extreme edge of the non -BT surface only.
- (vii) The licensee shall inform/give a notice to the NHAI, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ RS100/- per meter length for maintenance/repair work shall have to be furnished by the M/S Electronics Corporation of India Limited
- (viii) Each day, the extent of digging the trenches should be strictly regulated so that cables are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NHAI.
- (ix) The License shall indemnify the concerned in co-ordination with NHAI, against all damages and claims, if any, due to the digging of trenches for laying cables/ducts.
- (x) The NHAI has a right to terminate the permission or to extend the period of agreement. In case the M/S Electronics Corporation of India Limited wants shifting, repairs or alteration to telecom cables/ducts, he will have to furnish a separate bank guarantee.



  
Sd/-   
EoIL, HYDERABAD-500 002.

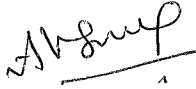
- (xi) The Licensee shall not without prior permission in writing from the NHAI Govt. of India or its authorized agency undertake any work of shifting, repairs or alterations to the said telecom cables/ducts.
  - (xii) The permission granted shall not in any way be deemed to convey to the M/S Electronics Corporation of India Limited any ownership right or any interest in route/road/Highway/land/property, other than what is herein expressly granted.
  - (xiii) During the subsistence of this agreement, the laying telecom cables/ducts located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NHAI so that the right of the M/S Electronics Corporation of India Limited to the use thereof shall not become absolute and indefeasible by laps of time.
  - (xiv) The M/S Electronics Corporation of India Limited shall bear the stamp duty charged for the agreement.
  - (xv) The telecom cables shall not be brought in to use by the M/S Electronics Corporation of India Limited unless a completion certificate to the effect that the laying telecom cables/ducts has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
  - (xvi) Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the for breach of any condition to the same and the M/S Electronics Corporation of India Limited shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
  - (xvii) The enforceability of the Right-of way permission granted here in shall be restricted to the extent of provision/scope of service contained/defined in the license agreement of the License with Department of Telecommunications and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of way facility is not to enhance the scope of M/S Electronics Corporation of India Limited.
4. **Shifting of OFC as and when required by NHAI:** The M/s Electronics Corporation of India Limited. Shall shift the cables/ducts within 90 days ( or as specified by the respective agency/owner ) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the cables/ducts, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk
5. **Shifting Due to widening of NH:** after the termination/ expiry of the agreement, the M/S Electronics Corporation of India Limited shall remove cables/ducts within 90 days and the site shall be brought back to the original condition failing which the M/S Electronics Corporation of India Limited will lose the right to remove the cable/ducts. However, before taking up the work of removal of cables the M/S Electronics Corporation of India Limited shall furnish a bank guarantee to the owner for a period for a period of one year for an amount assessed, by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.

  
  
A. VENUGOPAL  
Sd/-, P. V. S. Road, APSCD  
100/100, 100/100  
ECIL, Hyderabad/D-500 052.

6. **Traffic Movement during tying of OFC to be managed by the applicant:** If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of M/S Electronics Corporation of India Limited.
7. **If any claim is raised by the concessionaire then the same has to be paid by the applicant:**

Electronics Corporation of India Limited shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the M/S Electronics Corporation of India Limited. The concerned agency coordination with NHAI shall also have a right to make good search damages /recover the claims by way of invoking of bank guarantee furnished by the M/S Electronics Corporation of India Limited. if the M/S Electronics Corporation of India Limited fails to comply with condition 5 and 6 above to the satisfaction of the NHAI, the shall be got executed by the NHAI at the risk and cost of the M/S Electronics Corporation of India Limited.

Yours sincerely



Authorized signatory

ए. वेणु गोपाल VENU GOPAL  
प्रमुख, एअर पोर्टल / Head, AP&SD  
इ. ए. सी. लि., हैदराबाद  
ECIL, HYDERABAD-500 062.





తెలంగాణ తెలంగాణ TELANGANA  
No 583 Dated 9/1/2019 Rs. 20/-  
Sold To K. Srinivas Rao  
S/o K. Satyanarayana Rao  
For Whom M/S. E.C.I.L. R/o. Hyd.

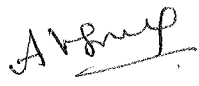
MD. FAZLULLAH  
Licenced Stamp Vendor, Lic No. 15-26-009/2018  
B-23/A, Electronics Complex, Kushaiguda Kapra,  
Medchal-Malkajgiri Dist. Cell: 9963927587.

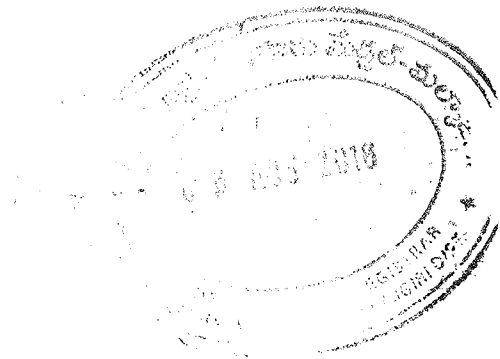
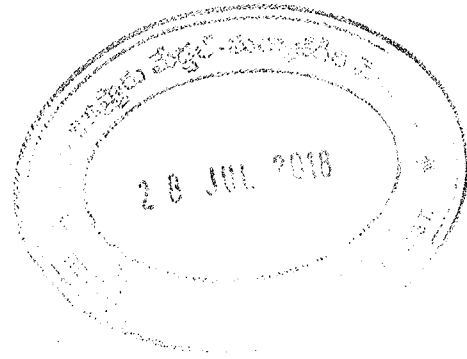
### UNDERTAKING

We, Electronics Corporation of India Limited (ECIL) A Govt. of India (Dept. of Atomic Energy) having its Regd. Office located at, Hyderabad, post 500062., here by do undertake in Reference to our ROW Application for the route NH -44 on Nagpur-Hyderabad Section from km 472+800 (LHS) to km 475+680(RHS) and crosses at 472+800(from LHS to RHS), for total length of 2880 meters in the state of Telangana.

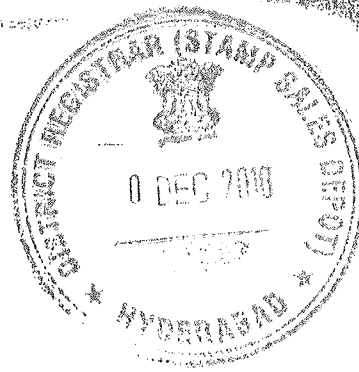
As per Control of National Highways (Land & Traffic) Act, 2002 & the Highway Administration Rules 2004, the necessary fee payable for the use of national Highway Land will be paid as & when required by NHAI.

Electronics Corporation of India Limited

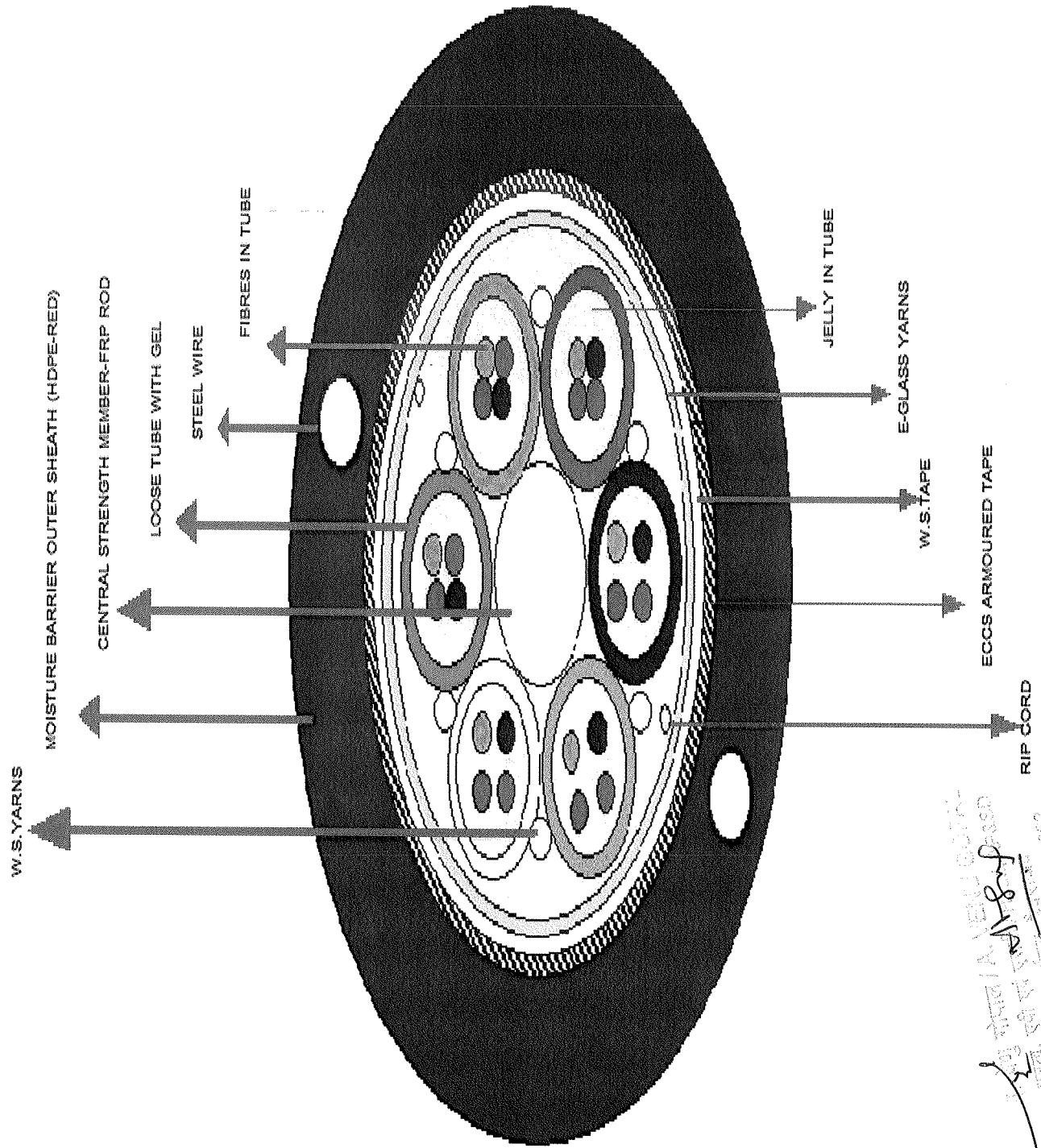
  
Authorized Signatory  
VENU GOPAL  
Manager / Head, AP&SD  
Electronics Corporation of India Limited  
Hyderabad - 500062



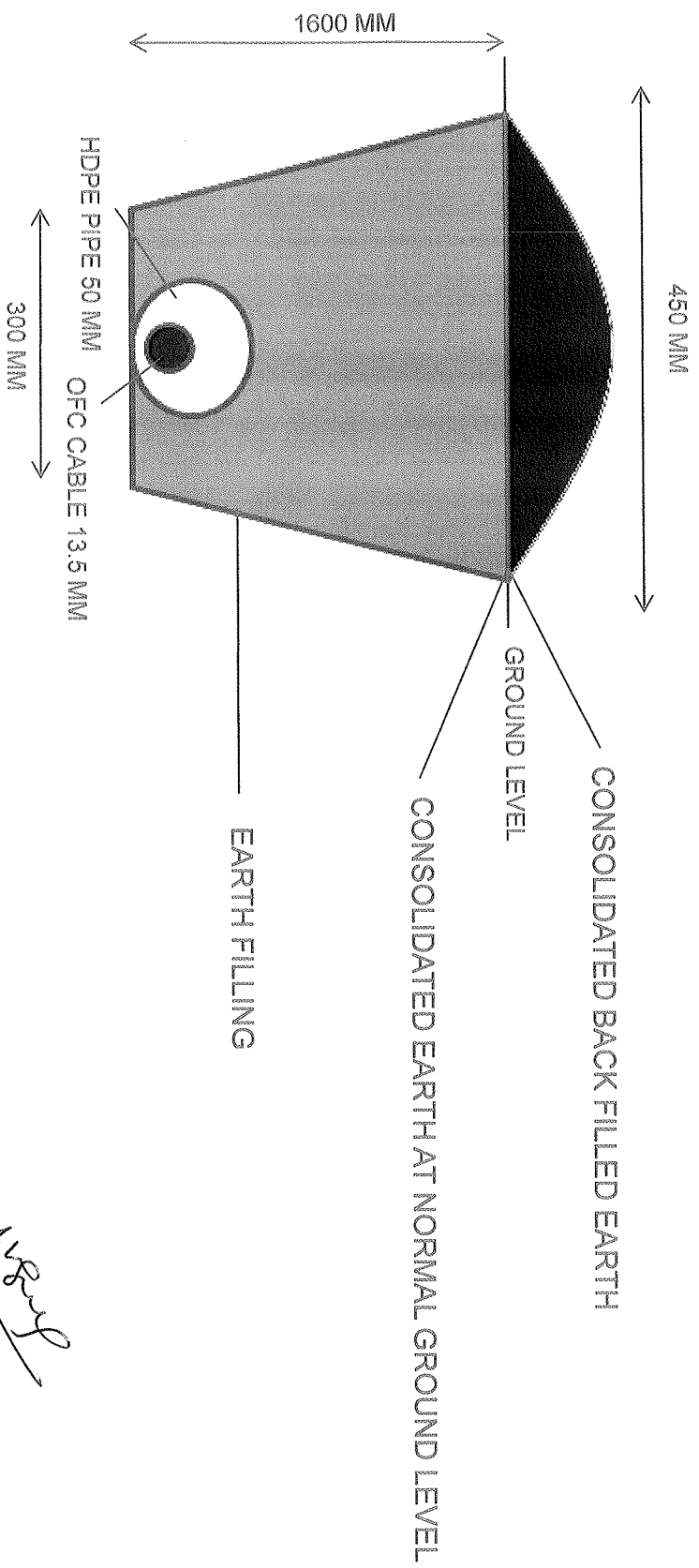




# 24 CORE OPTICAL FIBER CABLE

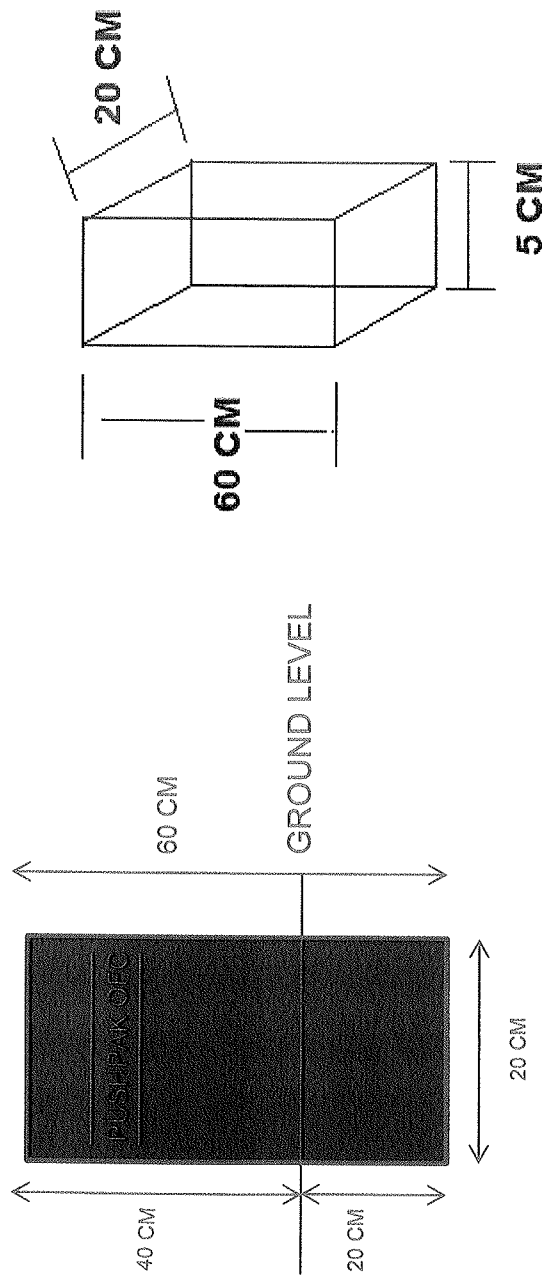


# TYPICAL CROSS SECTION OF THE TRENCH



*Amey*

# ROUTE MARKER



Aug 11

- 50mm of HDPE pipe is used as duct.
- 75mm GI conduit is used at road crossings and Bridges.
- Trench route markers of size (60cmH x 20cmW x 5CM thick) will be installed every 200mtrs to 500mtrs as per site conditions.
- jointing/cable pulling chambers (internal size 1.5mL x 1mW x 1.8mD) to be made every 2000 meters.

  
16/8/2017



**BY SPEED POST**

TELE: 011-26760600  
FAX : 011-26760700



Government of India, Ministry of Defence  
Defence Research & Development Organisation  
System Planning & Implementation Centre  
Development Enclave, Rao Tula Ram Marg  
Behind Army HQrs Camp  
P.B. No. 11808  
Delhi Cantt - 110 010

No. SP-7000/01/019

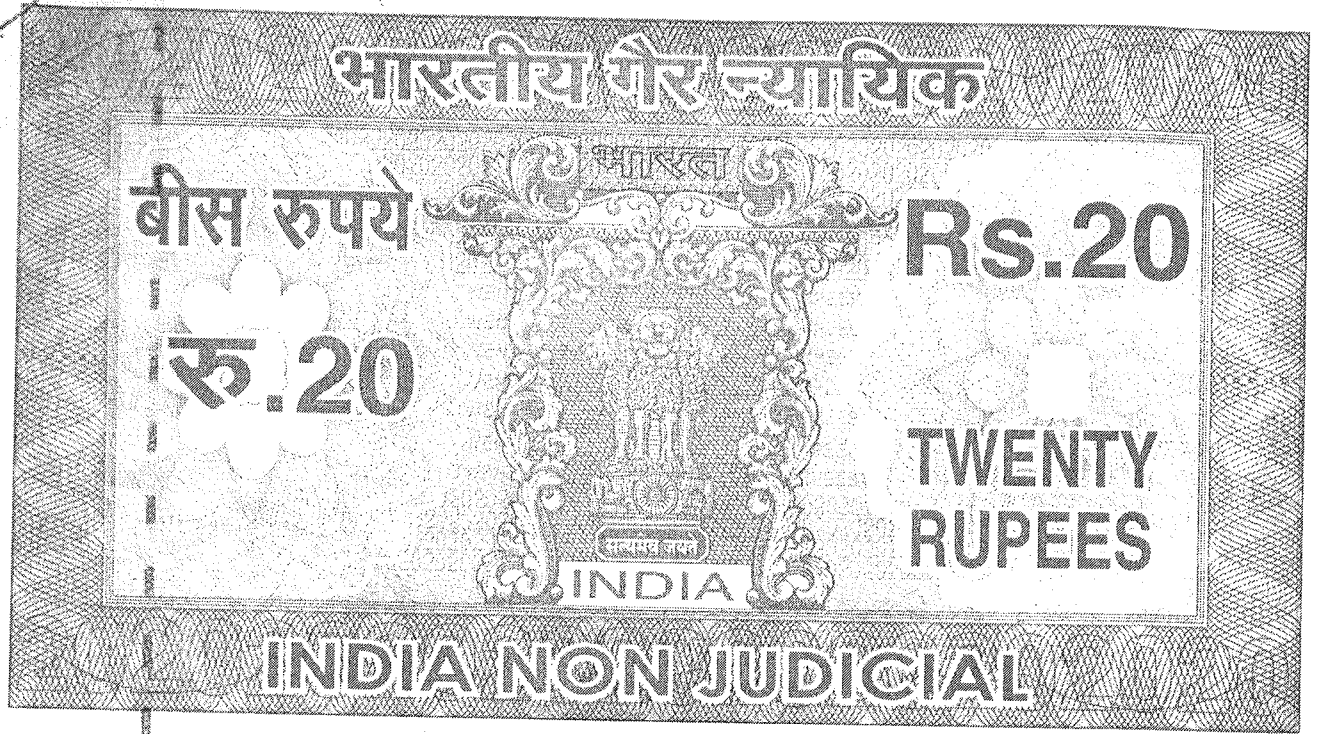
08 May 2018

M/s Electronics Corporation of India Limited  
(A Government of India Undertaking)  
Antenna Product & Satcom Division  
ECIL Post  
Hyderabad-500062  
Fax No. 040-27123846

3	Maintenance Tools and Test Equipment	4,05,35,825	VAT/CST @ 5%	20,26,907	4,25,62,732
4	Supply of FO Cable and accessories for 310 Kms	5,52,71,156	VAT/CST @ 5.5%	30,39,911	5,83,11,067
	Laying of FO cable for 310 Kms	1,78,73,403	Service Tax @ 15%	1,77,01,910	1,96,45,313

ए. वेणु गोपाल / A. VENU GOPAL  
प्रमुख, एपी एवं एमडी / Head, AP&SD  
ईसीएल, हैदराबाद  
ECIL, HYDERABAD-500 062.





తెలంగాణ తెలంగాణ TELANGANA

Sl.No.: 3215 Dt: 12 March-2018 Rs.20/-  
Name : K SRINIVASA RAO  
/o. : K SATYANARAYANA RAO R/o.Hyd  
For Whom: ECIL

15AA 406580  
C VISWESWARA REDDY  
Licence Stamp Vendor  
Licence No.15-26-049/2012, R.L.No.15-26-024/2018  
H.No.1-10-215/63, Chakripuram, ECIL Post,  
Kapra Mandal, Medchal-Malkajgiri District 500062  
Cont No.9705321555

### SPECIAL POWER OF ATTORNEY

KNOW ALL MEN by these presents that in exercise of the powers vested with the Managing Director by Board of Directors in their 29<sup>th</sup> meeting held on 19-06-1972, I, Rear Admiral Sanjay Chaubey (Retd.), Chairman & Managing Director, Electronics Corporation of India Limited (ECIL), CIN: U32100TG1967GOI001149, Hyderabad - 500062, a Government of India Enterprise, do hereby nominate and appoint Shri A Venugopal, Head, AP&SD, ECIL, Hyderabad to sign and submit techno-commercial bids, participating in negotiations, entering into contracts, signing NDAs/Teaming Agreements/Technical Assistance Agreements and all other relevant Business Agreements/ Documents, on behalf of Antenna Products & Satcom Division, ECIL.

Contd...2

*Dr. P. Rama Swamy*  
Dr. P. Rama Swamy  
Ph.D. in Law  
ADVOCATE-NOTARY  
H. No. 15-17/9, Malkajgiri,  
HYDERABAD. Ph.: 9246362778

*Rear Admiral Sanjay Chaubey (Retd.)*  
रियर एडमिरल संजय चौबे (से.नि.)  
Rear Admiral Sanjay Chaubey (Retd.)  
अध्यक्ष एवं निदेशक  
Chairman & Managing Director  
इलेक्ट्रॉनिक्स कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड  
Electronics Corporation of India Limited  
ईसीएल, ए.पी. & एस. डिवीजन, ECIL P.O., Hyderabad-62

**ATTESTED**

:: 2 ::

I also hereby ratify all or any acts done by my Attorney in so far as the aforesaid transactions are concerned.

Specimen Signature




(A Venugopal)

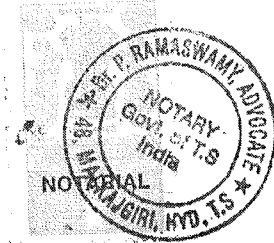


रियर एडमिरल संजय चौबे (से.नि.)  
Rear Admiral Sanjay Chaubey (Retd.)  
अध्यक्ष एवं प्रबंध निदेशक  
Chairman & Managing Director  
इलेक्ट्रॉनिक्स कारपोरेशन ऑफ इंडिया लिमिटेड  
Electronics Corporation of India Limited  
ईसीआईएल पो., हैदराबाद/ECIL P.O., Hyderabad-62

Signed before me on this the 2<sup>nd</sup> day of Dec, 2018

**TESTED**

  
21/12/2018  
**Dr. P. Rama Swamy**  
Ph.D. in Law  
ADVOCATE-NOTARY  
H. No. 15-17/9, Malkajgiri,  
HYDERABAD. Ph.: 9246362778

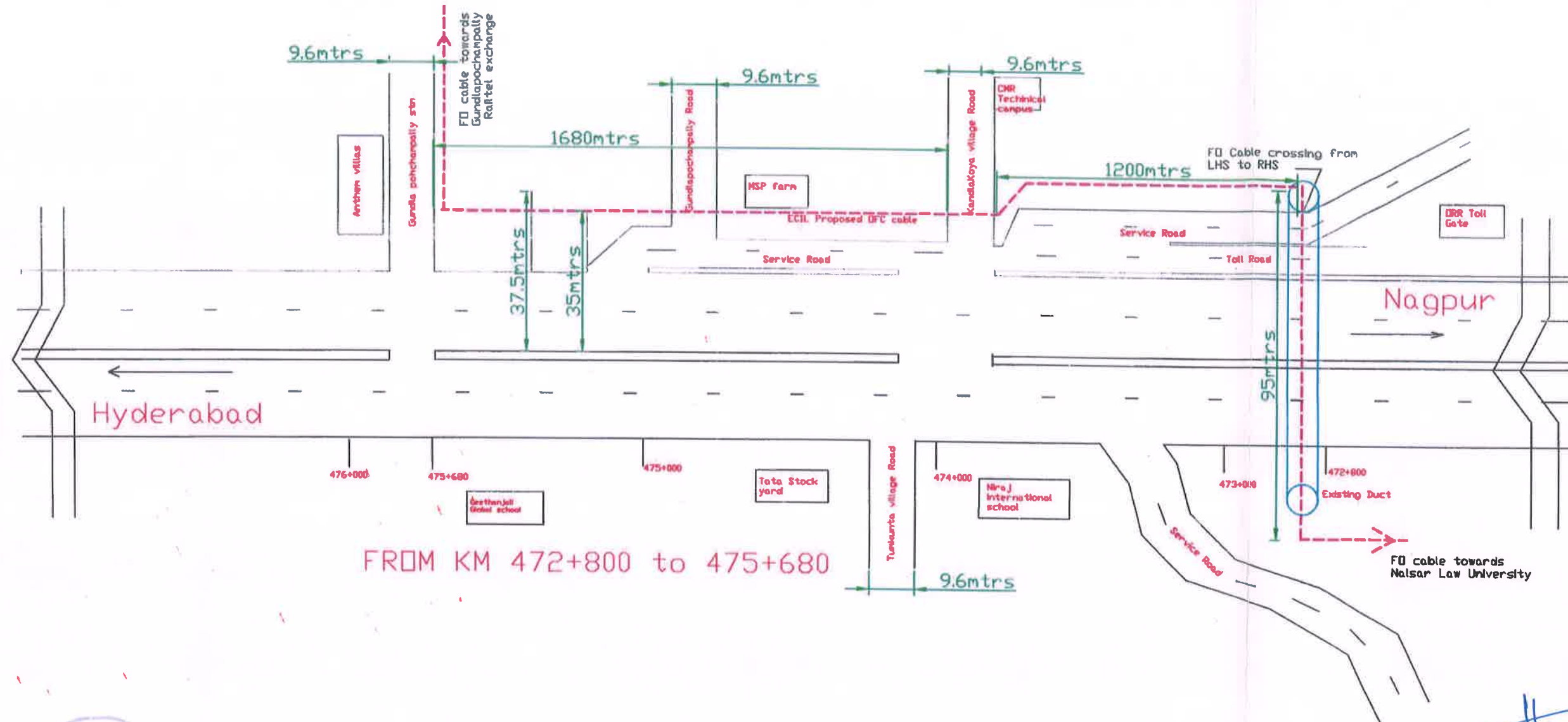


APSD-14

DRG.No.

NOTE:

1.TOLERANCES ON DIMENSION ARE AS PER IS:2102(MED).

THIS DRG. & INFORMATION THEREIN IS THE PROPERTY OF E.C.I.L. AND  
MUST NOT BE COPIED, USED, REPRODUCED OR TRANSFERRED WITHOUT  
WRITTEN PERMISSION OF E.C.I.L.

शक्तिर मेमन / SHAKIR MEMON  
वरिष्ठ तकनीकी अधिकारी / Senior Technical Officer  
एपी & एसडी, ईसीआईएल, हैदराबाद  
AP & SD, ECIL, Hyderabad-500 062.


स. वपु गोपाल / A. VENU GOPAL  
प्रमुख, एपी एवं एसडी / Head, AP&SD  
ईसीआईएल, हैदराबाद  
ECIL, HYDERABAD-500 062.

PROJECT DIRECTOR  
National Highways Authority of India  
PIU NIRMAL (T.S.)

ITEM No.	DESCRIPTION	SIZE	MATERIAL	QTY.	WL. in Kg.	T.WL. in Kg.	REMARKS
----------	-------------	------	----------	------	------------	--------------	---------

**ELECTRONICS CORPORATION OF INDIA LTD.**  
**ANTENNA PRODUCTS & SATCOM DIVISION**  
**HYDERABAD-500 062 (INDIA)**

OFC Proposed Route  
Along NH-44 for AG12 Site

SCALE	NTS	
DRG.No.		R0
APSD-14		
SHEET	1	OF 1
		REV

Permissible deviations for Linear Dimensions as per IS:2102 (MED)							
0.5 upto 3	over 3 upto 6	over 6 upto 30	over 30 upto 120	over 120 upto 335	over 335 upto 1000	over 1000 upto 2000	over 2000 upto 4000
±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
Permissible deviations of Angular Dimensions for runouts of lengths of the shorter side of the angle concerned (MED)							
upto 10	over 10 upto 50	over 50 upto 120	over 120 upto 335	over 335			
±1°	±0° 30'	±0° 20'	±0° 10'	±0° 5'			

No.	REVISION	SIGN/DATE

QTY.	WL. in Kg.	MATERIAL
DESIGNED	ECIL	TITLE
DRAWN	PRABHAKAR	
CHECKED		
APPROVED		
DATE	09-07-2019	

ALL DIMENSION IN mm. UNLESS OTHERWISE SPECIFIED