



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,

रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref: NHAI/RO-VJA/11045/ ACT-8920/2021-22/ 1365

April 22, 2022.

To

The Sr. Technical Director,
NIC, Transport Bhawan,
New Delhi- 110001.

Sub: RO - Vijayawada - Permission for laying of OFC Cable using HDD Method on NH-16 between yendada Petrol Bunk Jn Km.697/200 to Indira Nagar Arch Km.699/900 (2700 Mts) (RHS), Visalaxi Nagar Jn Km.700/500 to HanumanthawakaJn Km.700/800 (300 Mts) (LHS), Krishna Temple Km.702/330 to IsukathotaJn Km.702/470 (140 Mts) (LHS), NAD Jn Km.713/850 to KIMS Hospital Jn Km.718/600 (4750 Mts) (LHS), NAD Jn Km.713/850 to Kakani Nagar Jn Km.714/700 (850 Mts) (RHS) and across at Km.697/200 (60 Mts), Km.702/470 (60 Mts), Km.715/600 (60 Mts) for a total length of 8920 Mts is Visakhapatnam District of Andhra Pradesh State- **Public comments** - Reg.

Sir,

Please find enclosed herewith a proposal submitted M/s. Atria Convergence Technologies Limited (ACT) for according permission for laying of OFC Cable using HDD Method on NH-16 between yendada Petrol Bunk Jn Km.697/200 to Indira Nagar Arch Km.699/900 (2700 Mts) (RHS), Visalaxi Nagar Jn Km.700/500 to HanumanthawakaJn Km.700/800 (300 Mts) (LHS), Krishna Temple Km.702/330 to IsukathotaJn Km.702/470 (140 Mts) (LHS), NAD Jn Km.713/850 to KIMS Hospital Jn Km.718/600 (4750 Mts) (LHS), NAD Jn Km.713/850 to Kakani Nagar Jn Km.714/700 (850 Mts) (RHS) and across at Km.697/200 (60 Mts), Km.702/470 (60 Mts), Km.715/600 (60 Mts) for a total length of 8920 Mts is Visakhapatnam District of Andhra Pradesh State.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the application along with the recommendations of PD, PIU-Visakhapatnam are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest), for taking further necessary action.

This is issued with the approval of Competent Authority.

Encl: As above

Yours faithfully,

K. V. D. Ranjani
(K. V. D. Ranjani), 22/4/22
Deputy General Manager (T),
RO - Vijayawada

Copy to:

- (i) PD, PIU - Visakhapatnam
- (ii) The Executive Engineer - III, M/s. Greater Visakhapatnam Smart City Corporation Limited, C/o. GVMC, Room No. 306, TennetiBhavan, Aslimeeta Junction, Visakhapatnam - 530002 - for information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,

रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

Regional Office : D.No. 41-29-45A, R.S.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref: NHAI/RO-VJA/11045/ACT-8920/2021-22/1364

April 22, 2022.

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for laying of OFC Cable using HDD Method on NH-16 between yendada Petrol Bunk Jn Km.697/200 to Indira Nagar Arch Km.699/900 (2700 Mts) (RHS), Visalaxi Nagar Jn Km.700/500 to Hanumanthawaka Jn Km.700/800 (300 Mts) (LHS), Krishna Temple Km.702/330 to Isukathota Jn Km.702/470 (140 Mts) (LHS), NAD Jn Km.713/850 to KIMS Hospital Jn Km.718/600 (4750 Mts) (LHS), NAD Jn Km.713/850 to Kakani Nagar Jn Km.714/700 (850 Mts) (RHS) and across at Km.697/200 (60 Mts), Km.702/470 (60 Mts), Km.715/600 (60 Mts) for a total length of 8920 Mts is Visakhapatnam District of Andhra Pradesh State- Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of M/s. Atria Convergence Technologies Limited (ACT) for according permission for laying of OFC Cable using HDD Method on NH-16 between yendada Petrol Bunk Jn Km.697/200 to Indira Nagar Arch Km.699/900 (2700 Mts) (RHS), Visalaxi Nagar Jn Km.700/500 to Hanumanthawaka Jn Km.700/800 (300 Mts) (LHS), Krishna Temple Km.702/330 to Isukathota Jn Km.702/470 (140 Mts) (LHS), NAD Jn Km.713/850 to KIMS Hospital Jn Km.718/600 (4750 Mts) (LHS), NAD Jn Km.713/850 to Kakani Nagar Jn Km.714/700 (850 Mts) (RHS) and across at Km.697/200 (60 Mts), Km.702/470 (60 Mts), Km.715/600 (60 Mts) for a total length of 8920 Mts is Visakhapatnam District of Andhra Pradesh State.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

In view of the above, the comments of public, if any, on the above mentioned proposal is invited on below mentioned address.

Regional Officer - Vijayawada,
National Highways Authority of India,
Regional Office, Dr. No.41-29-45A, R. S. No.373/2A
Near Kodandaramalayam, Chalasani Nagar,
Ranigarithota, Krishnalanka, Vijayawada - 520 013.
Email: roviyawada@nhai.org

K. V. D. Ranjani
22/4/22
(K. V. D. Ranjani),
Deputy General Manager (T),
RO - Vijayawada



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय भारत सरकार)

National Highways Authority of India

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

परियोजना कार्यालयन इकाई (जि वयू), भा.रा.रा.पा.एन्क्लेव, कि.मी. 2/8 रा.रा.-16

हनुमन्तवाका, विशाखपट्टणम - 530 040, ए.पि., भारत

Project Implementation Unit (GQ), NHAI Enclave, KM 2/8 NH-16

Hanumanthavaka, Visakhapatnam - 530 040, A.P., India

फोन / Tel : 0891-2707600, 2714119

ई-मेल/ E-mail : vis@nhai.org, nhaipluvsp@gmail.com, वेब : www.nhai.gov.in



NHAI/PIU-VSP/ACT- 8920 /2021-22/9823

Date: 06.04.2022

To

The Regional Officer

National Highway Authority of India

D.NO.41-29-45A, R.S.NO.373/2A,

Kodandaramalayam, Chalasani Nagar,

Ranigarithota, Krishnalanka,

VIJAYAWADA - 520 013.



Sub: NHAI, PIU Visakhapatnam: Permission for laying of OFC Cable using HDD Method on NH-16 between yendada Petrol Bunk Jn KM 697/200 To Indira Nagar Arch KM 699/900(2700 Mts)(RHS), Visalaxi Nagar Jn KM 700/500 To Hanumanthawaka Jn KM 700/800 (300 Mts) (LHS), Krishna Temple KM 702/330 To Isukathota Jn KM 702/470 (140 Mts) (LHS), NAD Jn KM 713/850 To KIMS Hospital Jn KM 718/600 (4750 Mts) (LHS), NAD Jn KM 713/850 To Kakani Nagar Jn KM 714/700 (850 Mts) (RHS) and across at KM 697/200 (60 Mts), KM 702/470 (60 Mts), KM 715/600 (60 Mts) for a total length of 8920 Mts— Requested —Reg.

Ref: 1. M/s ACT Letter No. ACT/NH/ROW/10, received date 07.03.2022.
2. NHAI/PIU-VSP/City limits/2021-22/ 9665, date: 10.03.2022.
3. IE: 01041123/IE/02/AVA-PC/004, dt:22.03.2022.

Sir,

Vide Ref. 1 cited above M/s Atria Convergence Technologies Limited (ACT) has submitted a proposal with a request to accord Permission for laying of OFC cables using HDD method along and across NH-16.

The proposed locations are as tabulated:

Sl.No	Name of the Road	Method	From	To	Running Length in Mts	Which Side of the Road
1	Along NH-16	HDD	697/200	699/900	2700 Mts	RHS
2	Along NH-16	HDD	700/500	700/800	300 Mts	LHS
3	Along NH-16	HDD	702/330	702/470	140 Mts	LHS
4	Along NH-16	HDD	713/850	718/600	4750 Mts	LHS
5	Along NH-16	HDD	713/850	714/700	850 Mts	RHS
6	NH-16 Across Road	HDD	697/200, 702/470, 715/600		180 Mts (3*60 mt)	Across
Total					8920 Mts	

2. Subsequently, a joint site inspection has been carried out by the representatives of NHAI and IE, along with an authorised person from M/s. **Atria Convergence Technologies Limited (ACT)** in the above mentioned locations. Vide ref.03 IE has submitted the recommendation on subject proposal and the same has been verified by this office and is found in order as per the specified MORTH guidelines.

3. The following documents are submitted by the Agency as per the MORTH guidelines dated 26.6.2020.

- (a) Proposal letter
- (b) Check List
- (c) Specification report to accompanying the estimate towards License fees for laying of OFC cable.
- (d) License fees estimate.
- (e) Agreement regarding granting of Right of way permission.
- (f) Undertaking for Performance Bank Guarantee.
- (g) Certificates for Six laning.
- (h) Indemnity bond against all damages and claims as St. 5.6 Check list.
- (i) Affidavit to take all the actions as prescribed in the Check list from 5.1 to 5.12.
- (j) Technical specification for laying of duct.
- (k) Brief description of Horizontal Directional Drilling and Open Trench Methodology.
- (l) Cross section of Road crossing drawing.
- (m) Plan and profile submitted for laying of OFC on along the structures and cross drainages.

4. Considering the recommendations of the Consultants, the proposal submitted by M/s ACT for according permission for the laying of OFC Cable using the HDD Method along NH-16 for a total length of 8920 mtrs is herewith recommended for approval of Competent Authority.

Yours faithfully,


[P. Siva Sankar]
G.M (T) & Project Director

Encl: Proposal in two sets
(01 Original + 01 Duplicate)

6/6/22

CERTIFICATE

1. It is certified that the proposal for "Permission for laying of OFC Cable using HDD Method on NH-16 between yendada Petrol Bunk Jn KM 697/200 To Indira Nagar Arch KM 699/900(2700 Mts)(RHS), Visalaxi Nagar Jn KM 700/500 To Hanumanthawaka Jn KM 700/800 (300 Mts) (LHS), Krishna Temple KM 702/330 To Isukathota Jn KM 702/470 (140 Mts) (LHS), NAD Jn KM 713/850 To KIMS Hospital Jn KM 718/600 (4750 Mts) (LHS), NAD Jn KM 713/850 To Kakani Nagar Jn KM 714/700 (850 Mts) (RHS) and across at KM 697/200 (60 Mts), KM 702/470 (60 Mts), KM 715/600 (60 Mts) for a total length of 8920 Mts in Visakhapatnam District in the state of Andhra Pradesh" is confirming of all the standard conditions / guidelines issued vide Ministry circular No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016.
2. It is certified that sufficient ROW is available at site for accommodating proposed six laning.
3. It is certified that there will be no hindrance to proposed six - laning based on the feasibility report considering proposed structures at the said location.
4. It is certified that the details of the proposed permission shall be entered in the Register of Records of the Permission maintained by PIU.



Manager (Tech)



GM (T) & Project Director
Project Director
National Highways Authority of India
P.I.U. VISAKHAPATNAM

LICENCE FEE ESTIMATE

Name of the Work: Estimate towards License Fee for laying of O.F. Cable from Endada Petrol Bunk In KM 697/200 To Indira Nagar Arch KM 699/900(2700 Mts)(RHS), Visalaxi Nagar In KM 700/500 To Hanumanthawaka In KM 700/800 (300 Mts) (LHS), Krishna Temple KM 702/330 To Isukathota In KM 702/470 (140 Mts) (LHS), NAD In KM 713/850 To KIMS Hospital In KM 718/600 (4750 Mts) (LHS), NAD In KM 713/850 To Kakani Nagar In KM 714/700 (850 Mts) (RHS) and across at KM 697/200 (60 Mts), KM 702/470 (60 Mts), KM 715/600 (60 Mts) for a total length of 8920 Mts by Atria Convergence Technologies Limited (ACT).

Estimate - A

a. S.No	Description	From	To	Measurements			Quantity	Rate (per Sq.m)	Unit	Amount
				Licence Fee Charges						
				L (M)	B(M)	D				
						sq.m			sq. yard	
									x 100	in Rs.
1	NH - 16	697.2	699.9	2700	0.1		270	28704	24000	7750080
2	NH - 16	700.5	700.8	300	0.1		30	21528	18000	645840
3	NH - 16	702.33	702.47	140	0.1		14	45448	38000	636272
4	NH - 16	713.85	714.6	750	0.1		75	71760	60000	5382000
5	NH - 16	714.6	715.6	1000	0.1		100	41860	35000	4186000
		715.6	718.6	3000	0.1		300	19136	16000	5740800
		713.85	714.7	850	0.1		85	71760	60000	6099600
8	Crossing (NH - 16)	697.2		60	0.1		6	28704	24000	172224
9	Crossing (NH - 16)	702.47		60	0.1		6	45448	38000	272688
10	Crossing (NH - 16)	715.6		60	0.1		6	41860	35000	251160
			Total	8920						31136664
	Lience fee for (Rs/Sqm/Month)						total/10*12	259472.2		259472
			Lience fee for 5 Years				5 x 12 x Lience fee for			1,55,68,332

Performance Bank Guarantee Amount Calculation

Amount of performance Guarantee to be submitted : Length in Mtr Rs. 100/- met as per point No. 6 MORTH guide line vide letter No. RS/ NH/ 33044/29/2015/S&R(R), Dated. 22.11.2016.		8920met x	Rs 100/met=48,92,000/-	8,92,000/-
Manager (T)		Eight Lakhs Ninety two Thousand Rupees Only/-		

Manager (T)

[P. Siva Sankar]

G.M (T) & Project Director

Project Director

National Highways Authority of India

P.O. VISAKHAPATNAM

CHECK LIST

Guidelines for project Director for processing the proposal of laying optical Fibre cable by Atria Convergence Technologies Limited (ACT) in the land along National High ways vested with NHAI.

Relevant Circulars

1. Ministry Circular No: RW/NH-33044/17/2000-S&R dt.29/09/2000.
2. NHAI Circular No: NHAI/OEC/2K/Vol II dt.07/11/2000, which includes the comprehensive guidelines and draft license agreement for laying of OFC Cable by in the land along National Highway vested with NHAI.
3. Ministry Circular No: RW/NH-33044/27/2005-S&R(R) (Pt.) dt.07/08/2013. It is regarding the modification of previous Ministry's circular enhancing the amount of Performance of Bank Guarantee @ Rs. 100/-per route meter in place of earlier rate of Rs. 50/- per meter.
4. Ministry's Circular No. RW/NH-33044/29/2015-S&R(R) dated 22/11/2016

Check list for getting approval for laying of optical fibre cables on NH land.

Sl No	General Information	Information / Status	Remarks
1.1	Name and Address of the Applicant/Agency	Atria Convergence Technologies Limited (ACT) Reg Office: 1 st , 2 nd & 3 rd Floor, Indian Express Building, Queen's Road Bangalore-560 001 Karnataka.	
1.2	National Highway Number	NH-16	
1.3	State	Andhra Pradesh	
1.4	Location	Endada HP Petrol Bunk Jn To Indira Nagar Arch, Visalaxi Nagar Jn to Hanumanthawaka Jn, Krishna Temple to Isukathota Jn, NAD Jn to KIMS Hospital Jn, NAD Jn To Kakani Nagar Jn	
1.5	(Chainage in Km)	KM 697/200 To 699/900, KM 700/500 To KM 700/800, KM 702/330 To KM 702/470, KM 713/850 To KM 718/600, KM 713/850 To KM 714/700 Crossing at KM 697/200, KM 702/470, KM 715/600	
1.6	Length in Meters	8920 meters (8740 meters along NH 180 meters across NH)	
1.7	Width of available ROW		
	a) Left side from center line towards increasing Chainage/Km direction	20 - 30 Mts	
	b) Right side from center line towards increasing Chainage/Km direction	21 - 31 Mts	
1.8	Proposal to lay the Cable		
	(a) Left side from center line towards increasing Chainage/Km direction	KM 700/500 To KM 700/800, KM 702/330 To KM 702/470, KM 713/850 To 718/600	
	(b) Right side from center line towards increasing Chainage/Km direction	KM 697/200 To KM 699/900, KM 713/850 To KM 714/700	

Project Director
National Highway Authority of India
P.U. VISAKHAPATNAM

Atria Convergence Technologies Limited (ACT)

T. Tairam
Dy. Manager

1.9	Proposal to acquire land		
	(a) Left side from center line	N.A	
	(b) Right side from center line	N.A	
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	N/A	
1.11	Details of already laid services, if any, along the proposal route	NFS of PICG, Jio, TTSL	
1.12	Number of lanes(2/4/6/8) existing	4 lanes	
1.13	Proposed Number of lanes(2 lanes with paved shoulders/4/6/8 lanes)	---	
1.14	Service road existing or not	Yes	
	If yes then which side	Yes	
	(a) Left side from center line		
	(b) Right Side from center line	Yes	
1.15	Proposed Service Road	N.A	
	(a) Left side from Center Line		
	(b) Right side form Center Line	N.A	
1.16	Whether proposal to lay Cable is after the service road or between the service road and main carriage way	OFC Shall be laid after the service road/truck lay byes/Bus bays as the case may be	
1.17	Whether carrying of sewage/gas pipeline or cable has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	No	
1.18	Whether carrying of sewage/gas pipeline or cable has been proposed on parapet/any part of the bridges. If yes, then mention the methodology proposed for the same.	No, Cable shall be laid within the utility corridor of 2m at the edge of ROW	
1.19	If crossings of the road involved 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, in encased pipes	
	(a) Whether existing drainage structures are allowed to carry utility pipeline.	N.A	
	(b) Is it on a line normal to NH	Yes, Cable shall be laid clear of the drain where ROW is restricted.	
	(c) What is the distance of crossing the utility pipelines from the existing structures. Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	More than 15 Mts	
	(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 and have adequate strength and be large enough to permit ready withdrawal of the carrier	N.A.	


 Project Director
 National Highways Authority of India
 P.O. VISAKHAPATNAM

Atria Convergence Technologies Limited (ACT)

 T. Tairam
 Dy. Manager

	pipe/cable. Mention type of casing.		
	(e) The casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes	
	(g) The of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details.	Yes	
	(h) Mention the methodology proposed for crossing of road for the proposed Sewage/gas/cable line. Crossing shall be by boring method (HDD) (Trench-less Technology), specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	Yes, Enclosed	
	(i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	N.A.	
2.	Document /Drawings enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.65m deep X 0.5m wide) (i) Should not be greater than 60 Cm wider than the outer diameter of the pipe. (ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the center-lines of the nearest carriageway. (iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges. (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.	N/A, Entire stretch will be excavated using HDD (Trenchless) Methodology	
2.2	Cross section showing the size of pit and location of cable for HDD Method	Yes, Attached	
2.3	Strip plan/Route Plan showing the OFC, Chainage, Width of ROW, distance of proposed, cable from the edge of ROW, important mile stone , intersections, cross drainage works etc.	Strip plan showing all the details is attached.	
2.4	Methodology for laying OFC	Yes, Attached	

Project Director
National Highway Authority of India
P.U. VISAKHAPATNAM

Atria Convergence Technologies Limited (ACT)

T. Tairam
Dy. Manager


2.4.1	Open trenching method. if yes, methodology of refilling of trench. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, what is the Methodology of refilling of trench.	Yes, Backfilling shall be done with granules material. Compaction shall be done in layers of 15cm each. The trench shall be filled up to the required height of 1.65 m (measured from top of ducts as per trench cross section drawing attached in the proposal). A crown of 250mm shall be made at the top of the backfilled trench to cater for soil settlement.	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Yes	
	(b) For filling of the trench, Bedding shall be to a depth of not less than 30 cm. It shall consist 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.	Yes	
	(c) The back fill shall be completed in two stages (i) side-fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	Yes	
	(d) The side-fill shall consist of granular material laid in 15 cm 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 has been removed. Consolidation by saturation or ponding will not be permitted.	Yes	
	(e) The road crust shall be built to the same strength as the existing crust on either side of the the trench. Care shall be taken to avoid the formation of a dip at the trench.	Yes	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	
2.4.3	Methodology for laying of OFC through CD works and method of laying. In case where the carrying of cable line on the bridge becomes inescapable	Wherever cable ducts are available OFC shall be laid in such ducts. In the absence of cable ducts, OFC shall be laid under the bridge bed.	
3	Draft License Agreement signed by two witnesses	Yes, Enclosed	
3.1	The license fee estimate as per Ministry's Circular No. RW/NH-33044/29/2015-S&R(R) dated 22/11/2016 is obtained		
4	Whether Performance BG as per Ministry's Circular No. RW/NH-33044/29/2015-	Undertaking for submission of BG has been obtained from M/s. ACT.	

Project Director
National Highways Authority of India
P.U. VISAKHAPATNAM

Atria Convergence Technologies Limited (ACT)
T. Tairam
Dy. Manager

	S&R(R) dated 22/11/2016 is obtained		
4.1	Confirmation of BG has been obtained as per MoRTH/NHAI guide lines	Confirmation of BG Shall be obtained after BG Submission by M/s. ACT	
5	Affidavit/undertaking from the applicant for the following is to be furnished.		
5.1	Undertake for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	Yes, Enclosed	
5.2	Undertake for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI.	Yes, Enclosed	
5.3	Undertaking for Confirming all standard condition of NHAI's guidelines	Yes, Enclosed	
5.4	Undertaking for Indemnity against all damages and claims clause	Yes, Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Yes, Enclosed	
5.6	Undertaking that if any claim is raised by the Concessionaire/contractor then the same has to be paid by the applicant	Yes, Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation. Shifting or repairs, or alterations to the utility located in the National Highway right-of-way	Yes, Enclosed	
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	Yes, Enclosed	
5.9	Undertaking that text of the text of the license deed is as per verbatim of MoRTH format(issued vide Ministry's Circular No. RW/NH-33044/29/2015-S&R(R) dated 22/11/2016)	Yes, Enclosed	
5.1	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity, Chief controller of Explosive, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration.	N/A	
5.11	If the MoRTH/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 MoRTH/NHAI as the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes, Enclosed	
5.12	Certificate from the applicant in the	Yes, enclosed	


 Project Director
 National Highway Authority of India
 P.U. VISAKHAPATNAM

Atri Convergence Technologies Limited (ACT)

 T. Tairam
 Dy. Manager

	<p>following format</p> <p>(i) Laying OFC able will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</p> <p>(ii) " We do undertake that I/We will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-lanning or any other development".</p>		
6	Who will sign the agreement on behalf of Optical Fibre Cable agency	Deputy Manager Atria Convergence Technologies Limited (ACT).	
7	Power of Attorney to sign the agreement is available or not	Yes, Enclosed	
7	The Project Director will submit the following Certificates.		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide Ministry's Circular No. RW/NH-33044/29/2015-S&R(R) dated 22/11/2016	Yes, Enclosed	
7.2	<p>Certificate from PD in the following format</p> <p>(i) "It is certified that any other location of OFC line would be extremely difficult and unreasonable costly and the installation of OFC line within ROW will be adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc".</p> <p>(ii) for 6-lanning</p> <p>(a)Where feasibility is available " I do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures at the said location".</p> <p>(b)In case of feasibility report is not available " I do certify that sufficient ROW is available at site for accommodating proposed Six-lanning"</p>	Yes, Enclosed	
8	If NH Section proposed to be taken up by NHAI of BOT basis a clause is to be inserted in the agreement " The permitted Highway on which Licensee has been granted as a right of way to the concessionaire under the concession agreement for up gradation of Kolkata - Chennai corridor from Km. to Km. of NH No:16 on Build Operate and Transfer Basis and therefore, the licensee shall honour the same"	N.A	
9	Who will supervise the work of laying Optical Fibre Cable		

Pul

Project Director
National Highways Authority of India
P.I.L. VISAKHAPATNAM

Atria Convergence Technologies Limited (ACT)

Tairam

T. Tairam
Dy. Manager

	(a) On behalf of the Applicant	Dy. Manager, Atria Convergence Technologies Limited (ACT)	
	(b) On behalf of NHAI	NHAI, PIU, Visakhapatnam/ Supervision consultant	
10	Who will ensure that the defects in road portion after laying of Optical Fibre Cable are corrected and if not corrected then what action will be taken		
	(a) On behalf of the Applicant	Dy. Manager, Atria Convergence Technologies Limited (ACT)	
	(b) On behalf of NHAI	NHAI, PIU, Visakhapatnam/ Supervision consultant	
11	Who will pay the claims for damage done/disruption in working of concessionaire if asked by the concessionaire.	Atria Convergence Technologies Limited (ACT)	
	On behalf of the Applicant	Atria Convergence Technologies Limited (ACT)	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	Yes, Enclosed	
13	If any previous approval is accorded for laying of underground Optical Fibre Cable then photocopy of register of records of permission accorded as maintained by PD be enclosed.	No	

Atria Convergence Technologies Limited (ACT)

Tairam

T. Tairam

Dy. Manager

[Name Designation and signature of the authorized representative of applicant]

Paul

[Name Designation and signature of concerned field authority of NHAI/PWD/BRO]
Project Director

National Highways Authority of India
P.U. VISAKHAPATNAM