SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi-110070 & Affiliated to Anna University, Chennai-25)

INDEX

Key Indicator - 4.3.3

Document relating to Bandwidth of Internet Connection in the Institution

INVOICE

Phone no : 0431-2432401

[WORLD PHONE]

INTERNET SERVICE PROVIDER
Franchise :Channel Nine

1/3,Shankar nager ,Srirangam,TRICHY, Tamil Nadu-620 006

To

The Principal,Saranathan College of Engineering
Venkateswara Nagar, Panjappur Village
Trichy-620012

Invoice no : 201910767

Date   : 01 Apr 2019

S.No	Description	HSN/SAC	Quantity	Amount
1	40 Mbps-1year Period from 01 Apr 2019 to 31 Mar 2020	997316	1.00	Rs. 378000.00
	CGS-Tax 9.00%			Rs. 34020.00
	SGS-Tax 9.00%			Rs. 34020.00
			Total	Rs. 446040.00

GST No: 33AAMFC0239M1ZF
Pan No : AAMFC0239M

For Channel Nine

Channel Nine
Authorised signature

[handwritten] 40 Mbps upgraded from 01-APr-2019
Verified
k. ARUNKUMAR/CSG

Cheque #917298   dt. 05-04-2019
Cheque Amount 438480/-
         TDS   7560/-

Customer Acceptance Document

1. Organization Name: Saranathan College of Engineering
2. Site Address: Trichy-madurai road Panjappur, Venkateswara Nagar, Edamalaipatti Pudur, Tiruchirappalli, Tamil Nadu 620012
3. Circuit id/Sapid/NEid: INTNTCPPKSNPNB0001ENTEDS001
4. Services: Internet Leased Line (ILL) : ILL_9155241877_299047453498
5. ORN Number: EO0000007LAW
6. Customer Contact Details:

Sr No	Name	email id	Contact Number
1	Dr.D.Valavan	principal@saranathan.ac.in	8489915217

7. Service details:

Sr No	Parameters	Details
1	Circuit id/Sapid/NEid	ILL_9155241877_299047453498
2	Circuit Bandwidth (Mbps / Gbps)	155 Mbps
3	Media (Fiber / UBR / FTTx)	Fiber
4	WAN IP Address with subnet mask	136.232.208.230/30
5	LAN IP Address with subnet mask	115.240.194.112/28
6	Gateway IP Address	136.232.208.229
7	Routing Protocol	
8	AS Number in case of BGP	
9	Port Type (Electrical / Optical)	Electrical
10	Customer facing Port Number	

8. Jio provided Inventory / Equipment details at site:

Sr No	Make & Model Number of Equipment	Serial Number	Quantity
1	TRCES2708F	20081327939	1

9. Test Chart for Service parameter(s):

Sr No	Test Parameter	UoM	Committed	Observed
1	Latency	Ms	Nil	Nil
1a	Mumbai to London	Ms	NA	
1b	Mumbai to New York	Ms	NA	
1c	Chennai to Los Angeles	Ms	NA	
1d	Chennai to Singapore	Ms	NA	
1e	Mumbai to Chennai	Ms	NA	
2	Packet Loss	%	Nil	Nil
3	Jitter (as applicable)	Ms	Nil	Nil
4	Bandwidth	Mbps / Gbps	155 Mbps	
5	RFC 2544	RFC 2544 Report		

10. Last mile network connectivity

AG_PARENTID	East AG1/CSS		Lat & Long		West AG1/CSS
	I-TN-TCPP-AG1-0036		10.7559324,78.6513606		I-TN-TCPP-AG1-0038

For Reliance Jio Infocomm Limited (RJIL)

Name: VICKRAM · BALRAJ

Signature:

Date: 04/11/2019

Customer Acknowledgement

I hereby acknowledge that I have tested the said link and associated services bearing Circuit id/Sapid/NEid #

And certify that the services are satisfactory and as per design / order.

Basis the above, I hereby authorize Reliance Jio Infocomm Limited (RJIL) to initiate services and billing effective

Date: 06-NOV-2019

Name: Dr. D. VALAVAN

Signature:

Date: 6/11/19

Company Seal

	Customer Information (As per Jio Records)	
1	Name of Customer / Organization	Saranathan College of Engineering
2	Logical Circuit ID's/NEid (if required Annexure can be used)	INTNTCPPKSNPNB0001ENTEDS001
3	Date of Commissioning of Link (in case of up-gradation, mention date of initial commissioning and date of last up gradation)	04/11/2019
4	Service Type	ILL Bandwidth: 155 MBPS
	IP Address (in case of ILL)	Dynamic ☐ Static ■ In case of Static mention Static IP allocated: WAN IP: 136.232.208.230/30 LAN IP : 115.240.194.112/28
5	Installation Address *The address should be the same as provided at the time of installation	Trichy-madurai road Panjappur, Venkateswara Nagar, Edamalaipatti Pudur, Tiruchirappalli, Tamil Nadu 620012
6	Account Manager Name and Contact Details	Arunachalam
7	Date of Inspection	
8	Type of Inspection	First ■ Periodic ☐

	PHYSICAL INSPECTION OBSERVATIONS	
1	Contact Person Name	Name: Designation:
2	Contact Details	
	Name:	Arunkumar
	Mobile Number:	8489915217
	Email id:	arunkumar-csg@saranathan.ac.in
3 (a)	OSP Registration Number & Date (If applicable)	OSP (Other Service Provider) ☐ ISP ☐ Telemarketer ☐ Others ☐
3 (b)	ISP License Number and Date (If applicable)	NA
3 (c)	Telemarketer Registration Number and Date (If applicable)	NA
4	Whether the connection is used for Application Services like Telemedicine/Telebanking/Tele-Education/Tele-Trading/E-Commerce/Call Centre/Network Operating Centre/Vehicle tracking System/Long Range Alarm/Bill Payment Terminal etc. Yes ☐ No ■	

/RJ55027203

Signature and code of the verifying Person
(Authorized Person from Jio)

Stamp/Seal of the verifying agency

X

Declaration/Undertaking from applicant/Client

I/We hereby declare and confirm that

1. I/We are using the connection as per attached network diagram for bonafide usage and for the purpose declared by me/us at the time of subscribing to these connections and these connections are not interconnected with any PSTN, PLMN, GMPCS network.. I/We are not indulged in any unauthorized activities/usage or provision of any services which require prior licensing or permission from designated authorities.
2. I/We have intimated to the Licensor (Copy to respective TERM Cell) in a quarterly report the details of ISP nodes or points of presence with their locations and number of broadband/leased/dialup subscriber.(only in case of ISP customer)
3. I/We have given to the Licensor one month prior notice (Copy to respective term Cell) as required as per terms and condition of ISP License agreement in case new nodes to be installed.(only in case of ISP customer)

06 / NOV / 2019

Signature of authorized person & Company Seal/Stamp
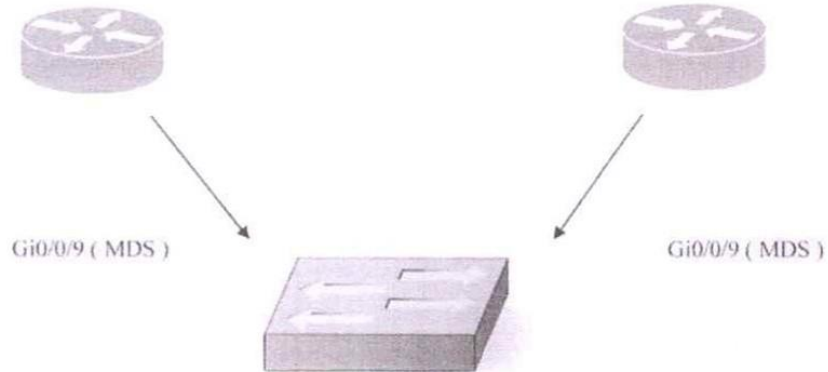
Date

Customer Network Diagram

Note:

  I.   Network Diagram should be collected from the customer or should be drawn by the verification agent as per the observations.
  II. In case of OSP customer, approved network diagram by TERM Cell should be collected.

INTNTCPPAYPGNB0001MA1PAR001   INTNTCPPKRPTNB0001MA1PAR001

Gi0/0/9 (MDS)   Gi0/0/9 (MDS)

INTNTCPPKSNPNB0001ENTEDS001

Note :- *Customer Internal network beyond handover server has not been shared by customer.*

For Jio Use Only:

1	Name of Customer	Saranathan College of Engineering	
2	Circuit ID	ILL_ 9155241877_299047453498	
3	Date of Inspection		
4	Network Diagram Verified & Updated	Yes ■	No
5	Whether the installation address is Matching with Jio records?	Yes ■	No
6	Name of the verification agency (wherever applicable)	N/A	
7	Name of executive carrying out Verification.		
8	Remarks/Any other observation found at site	N/A	
9	Result of Verification	Positive ■	Negative

Note:

I. In case of any suspicion about the nature of the business carried out/observed, the same has to be brought to the knowledge of concerned Account Manager and CS team on immediate basis.

II. Any Additional documents collected at the time of physical inspection must be handed over to the JC Onboarding team for records.

RJ55027203
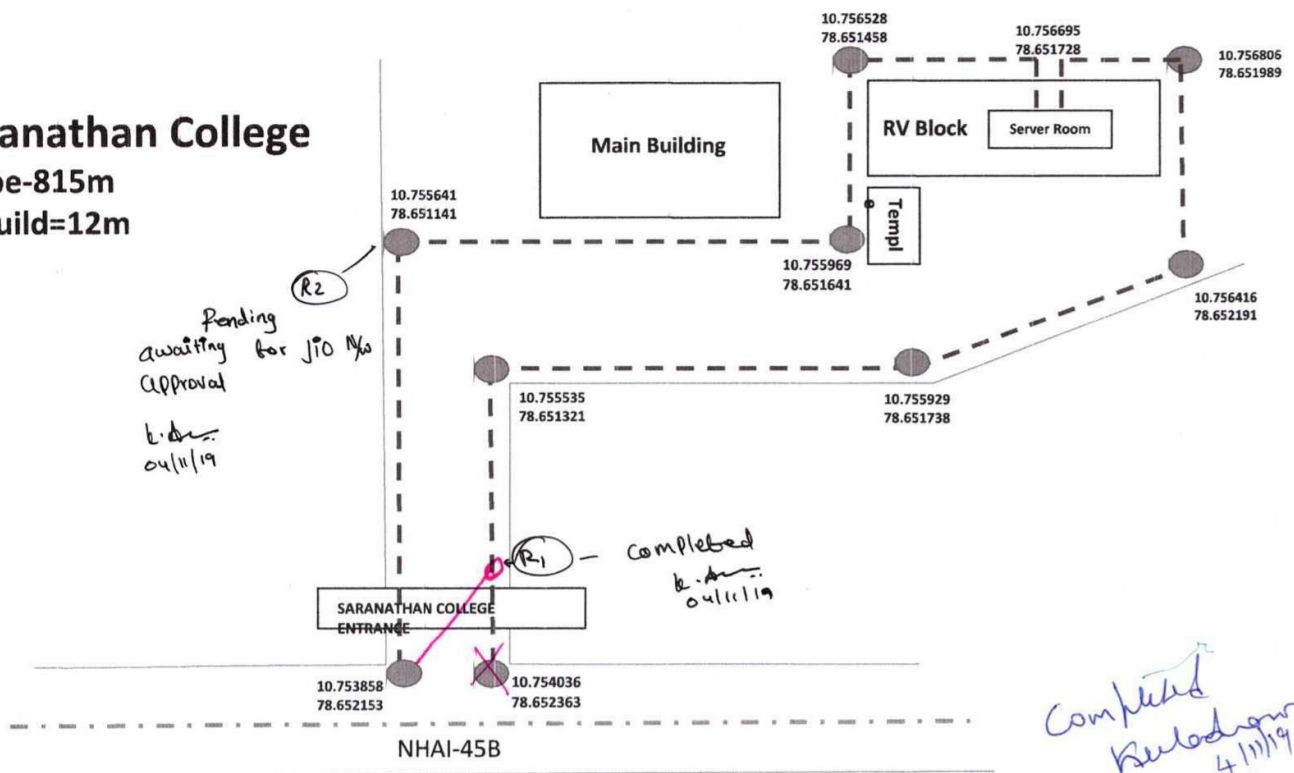
Signature of the verifying person

(Authorized Person form Jio)

Stamp/Seal of the verifying agency

X

SARANATHAN COLLEGE OF ENGINEERING * TRICHY 620 012.

Saranathan College
Scope-815m
In-Build=12m

Main Building

10.756528
78.651458

10.756695
78.651728

10.756806
78.651989

RV Block Server Room

10.755641
78.651141

Templ

10.755969
78.651641

R2

10.756416
78.652191

Pending
awaiting for JiO N/w
approval

04/11/19

10.755535
78.651321

10.755929
78.651738

completed
04/11/19

R1 — completed
04/11/19

SARANATHAN COLLEGE
ENTRANCE

10.753858
78.652153

10.754036
78.652363

Completed
4/11/19

NHAI-45B

2

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPPALLI - 12

27-09-2019

Submitted to the Secretary - through the Principal

Respected Sir,

Presently the internet requirements for our college are being provided by BSNL(36 Mbps) and Channel Nine(40 Mbps). The agreement with the BSNL is getting terminated on 30-sep-2019.

In this regard we received quotations from Reliance Jio, BSNL and Channel Nine. The following table shows the comparison of various Internet Service Providers.
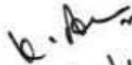
S.no	ISP name	Speed in Mbps	Cost Per Year	Cost Per Mbps
1.	BSNL	36	Rs. 4,50,000+ GST	Rs.12,500.00
2.	Reliance Jio	150	Rs. 9,00,000 + GST	Rs.6,000.00
3.	Channel Nine	50	Rs.4,50,000 +GST	Rs.9,000.00

As per the above table, the BSNL should be requested to provide the service at the rate of Rs.6,000.00/Mbps. This will help us to continue with them.

K.S.Chandrasekaran

(ASP/CSE)

V.Punitha

(ASP/CSE)

As Per oral instruction received from our Secretary, PO released to BSNL for ILL 20 MBPS

PO # SCE/1920/ADMN/1247   dt. 30/09/2019

30/09/19
K. ARUNKUMAR/CSE

SARANATHAN COLLEGE OF ENGINEERING

VENKATESWARA NAGAR

PANJAPPUR, TRICHIRAPPALLI - 620 012.

Order No : SCE/1920/ADMN/1247   Order Date : 30-09-2019

To

BHARAT SANCHAR NIGAM LTD

16A TOWER II GREAMS ROAD

CHENNAI - 600006

Sub : Order for BSNL ILL 20Mbps -Reg.

With reference to your quotation ML29092019 Dated 29.09.2019, We
are placing orders for the following items.

S.No	Description	Qty	Unit Price	Amount
1	Internet Leased Line (ILL) Downgradation 36Mbps to 20Mbps from 01-Oct-2019	1	280000	280000.00
			Tax	50400.00
Total in round off (RUPEES IN WORDS :THREE LAKH THIRTY THOUSAND FOUR HUNDRED ONLY)				330400.00/-

Terms & Conditions

1. Payment: 100% against Delivery.
2. Specification: As mentioned above.
3. Price : Above Mentioned Price Inclusive of all Taxes.
4. Delivery: Immediate from the date of receipt of this P.O.
5. Commitment Period: 1 year (01-Oct-2019 to 30-Sept-2020)

Please acknowledge receipt of this P.O and confirm delivery as scheduled.

Thanking You

Principal

PRINCIPAL
Saranathan College of Engineering
TRICHY - 12.

Shipping To : CSG Dept.- Saranathan College of Engineering,Venkateswara Nagar,Panjappur,Trichy,
Tamil Nadu, India - 620012

Contact : Mr.K.Arunkumar,Network Administrator-CSG,8489915217

INTERNET LEASED LINE RETENTION-REG

JAYAGANESAN .V <sdeebtrichy@gmail.com>   Sun, Sep 29, 2019 at 9:34 PM
To: "Principal of Saranathan College ," <principal@saranathan.ac.in>
Cc: secretary@saranathan.ac.in, "DGM EB BSNL, Tamilnadu Circle" <dgmebtn@gmail.com>, BSNL TN Circle EB Unit
<sdeebdata@gmail.com>, Rajarajan Ganesan <agmebdatabsnl@gmail.com>

Sir

Good evening sir.Thanks for the update sir.Already the quote was given considering the relation ship with your esteemed institution.The
rates comparing the other SPs may be high but the service criteria is important as your college would have experienced in the past five
years.Further we plan to provide ring infrastructure in future for the leased line by which automatic fail switch over in alternate route will
happen . Coming to the rate negotiation as a special case ,a further reduction of Rs20000/- per annum can be reduced and the rate for
20Mbps (1:1) can be offered @2,80,000/- + GST per annum.pl.Expecting final p.o for effecting Downgradation to 20Mbps.immediately.

On Sun, 29 Sep 2019, 11:51 Principal of Saranathan College ,, <principal@saranathan.ac.in> wrote:
> Sir,
> In continuation of our discussions and quotation dated 21-Sept-2019, we submit your quotation to our management. The pricing
> quoted for bandwidth so much higher compared with our existing private operators.
> Already received BSNL quote for 20Mbps -Rs.300000/-+GST. we expect the same as Rs.240400/-+GST . Expect your special offer
> revised rates to proceed further.

> On Sat, Sep 28, 2019 at 5:06 PM JAYAGANESAN .V <sdeebtrichy@gmail.com> wrote:
>> SIR
>> W.R.T THE QUOTE SUBMITTED ON *21st SEPTEMBER 2019* , the P.O is awaited for bandwidth reduction or retention of
>> same bandwidth as per the quote given for proceeding further. If no reply mail is received from your end,it will be presumed
>> that the old bandwidth has to continue with old rates for the 36 Mbps BANDWIDTH and the next half yearly bill raised will
>> be issued.
>> Expecting your favorable P.O please.

>> **THANKS AND REGARDS**
>> *JAYAGANESAN V*
>> *SDE Enterprise Business & CRM -BSNL*
>> *SDE Mobile: 9486103553 .*
>> *JTO Mobile : 9486106130*
>> *JE Mobile : 7598776076*
>> *LANDLINE: 0431-2400166;0431-2414545*
>> *TRICHY*

>>> On Sat, Sep 21, 2019 at 3:35 PM JAYAGANESAN .V <sdeebtrichy@gmail.com> wrote:
>>> SIR
>>> In continuation of our discussions with secretary and yourself and as requested by BSNL, Please retain the
>>> existing bandwidth of 36 Mbps @ 4.5 lakhs per annum +GST as back up to cope up with existing network
>>> of connectivity.This is considered as a special offer .(from 01-10-2019).

>>> If opt for 20Mbps (1:1) ,then the rate offered will be Rs 3 lakhs per annum + GST .

>>> once again We request you to retain the existing bandwidth to avail back up service for the entire existing network if other ISP
>>> fails.
>>> Expecting your p.o please with revised rates and date of effect also.

>>> **THANKS AND REGARDS**
>>> *JAYAGANESAN V*
>>> *SDE Enterprise Business & CRM -BSNL*
>>> *SDE Mobile: 9486103553 .*
>>> *JTO Mobile : 9486106130*
>>> *JE Mobile : 7598776076*
>>> *LANDLINE:0431-2400166;0431-2414545*
>>> *TRICHY*

2 80000/-
50400/-
330400/-

Bandwidth down-gradation --- reg

2 messages

broad band trichy <bbtrichy@gmail.com>   Thu, Oct 3, 2019 at 11:21 AM
To: principal@saranathan.ac.in, arunkumar-csg@saranathan.ac.in, mouli@saranathan.ac.in

Sir

   As per your request the Bandwidth of Internet leased line working in Saranathan College of Engineering has been downgraded to 20Mbps on 01-10-2019. The commercial order for the same is given below. Please call us for any difficulty.

SERVICE ORDER : 11105707174

Thanks and regards

Sub Divisional Engineer
Broad Band
Trichy
9486103683

Principal of Saranathan College , <principal@saranathan.ac.in>   Thu, Oct 3, 2019 at 11:57 AM
To: "secretary ," <secretary@saranathan.ac.in>, "Mr. K ARUNKUMAR CSG" <arunkumar-csg@saranathan.ac.in>

[Quoted text hidden]

--

Principal
Saranathan College of Engineering

WORLD PHONE

INTERNET SERVICE PROVIDER

Franchise : CHANNEL NINE

1/3 Sankar Nagar, Srirangam, Trichy 620 006

Ph : 0431 - 2432401

15.11.2016

To :

The Principal
Saranathan College of Engineering
Venkateswara Nagar
Panjappur Village
Trichy 620 012

Sir,

Sub: Bandwidth connection .

R ef : Your letter No.SCE/CSG/C9-ISP2/2016/PO/707 dt 24.10.2016

We are in receipt of your above letter and would like to inform our acceptance .
We will provide WLL dedicated 1:1 internet connection (12 Mbps) @ Rs.24000/- plus
prevailing 15% service tax i.e. Rs.3600/- and the total invoice amount of Rs.27600/- p.m.
We will provide internet connection on 16rd November - 2016

Our rates and taxes are subject to change with prior intimation.

Assuring you of our best services.

Thanking you,

Yours faithfully,

For Channel Nine,

Proprietor

Franchise : CHANNEL NINE

1/3 Sankar Nagar, Srirangam, Trichy 620 006

Ph : 0431 - 2432401

15.11.2016

To :

The Principal
Saranathan College of Engineering
Venkateswara Nagar
Panjappur Village
Trichy 620 012

Sir,

Sub: Technical details

WAN IP	:	**14.102.13.66 / 30**
Subnet mask	:	**255.255.255.252**
Gateway	:	**14.102.13.65**
LAN POOL IP	:	**14.102.13.81 / 28**
SUBNET MASK	:	**255.255.255.240**
LAN POOL GATWAY	:	**14.102.13.80**
STARTING IP	:	**14.102.13.81 TO 14.102.13.95**

Configured
Successfully
in our college end.
k. ﹏
16-11-2016

R. ﹏