



GOVERNMENT DEGREE & P.G. COLLEGE, Salur

(Re-Accredited by NAAC with "B" Grade)


(College of Excellence & District Identified Degree College)

Parvathipuram(Manyam) Dist. -535591



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PRINCIPAL
GOVT. DEGREE COLLEGE
SALUR
PARVATHIPURAM MANYAM DIST.

RUSA 2.0 GDC SALUR - EXPENDITURE STATEMENT AS ON 09.01.2023

Bill / Challan	Posting Date	Payment Date	Reference No	Deposit	Payment
BILL	04.11.2019		2019-1646507	20,00,00,000	
			Major Works		
BILL	29.11.2019	30.11.2019	2019-1816203		15,59,092
			RUSA VIRTUAL CLASS ROOMS BILL		
BILL	29.11.2019	30.11.2019	2019-1820280		26,83,243
			RUSA 2.0 NEW BUILDING COSTRUCTION BILL GDC SALUR		
BILL	29.11.2019	30.11.2019	2019-1820865		18,04,596
			PURCHASE OF RUSA COMPUTER LAB EQUIPMENT		
BILL	29.11.2019	30.11.2019	2019-1821411		18,04,964
			PURCHASE OF FURNITURE		
BILL	29.11.2019	30.11.2019	2019-1821871		8,80,651
			RUSA 2.0 DIGITAL CLASS ROOM BILL		
BILL	16.12.2019	18.12.2019	2019-1918082		1,01,203
			RUSA 2.0 WATER PURIFIER RO AND COOLER BILL		
BILL	11.03.2020	13.03.2020	2019-2668725		4,55,632
			RUSA 2.0 E CAMPUS MANAGEMENT SYSTEM SOFTWARE 90 PERCENT BILL GDC SALUR		
BILL	11.03.2020	13.03.2020	2019-2668390		1,16,631
			RUSA 2.0 DIGITAL PODIUM BALANCE 10 PERCENT BILL GDC SALUR		
BILL	11.03.2020	13.03.2020	2019-2669713		12,13,900
			RUSA 2.0 FURNITURE BILL 2 GDC SALUR		
BILL	11.03.2020	13.03.2020	2019-2671154		2,06,483
			RUSA 2.0 VIRTULA CLASS ROOMS BALANCE 10 PERCENT BILL GDC SALUR		
BILL	11.03.2020	13.03.2020	2019-2671191		2,05,005
			RUSA 2.0 COMPUTER LAB BALANCE 10% BILL GDC SALUR		
BILL	11.03.2020	13.03.2020	2019-2670923		2,39,045
			RUSA 2.0 FURNITURE BALANCE 10 PERCENT BILL NO 1 GDC SALUR		
BILL	11.03.2020	13.03.2020	2019-2670802		45,82,403
			RUSA 2.0 NEW CONSTRUCTION BILL GDC SALUR		
BILL	01.06.2020	15.12.2020	2020-581832		25,24,836
			RUSA 2.0 NEW CONSTRUCTION BILL NO 3 TO EE, APEWIDC, VIZIANAGARAM		
BILL	31.03.2021	31.03.2021	2020-2026622		15,00,000
			RUSA NEW CONSTRUCTION BILL NO 4 TO EE VIZIANAGARAM		
BILL	28.05.2021		2021-644717	1,00,00,000	
			MAJOR WORKS		
BILL					
			Total Expenditure		1,98,77,684

R. M. S.
09.01.2023

PRINCIPAL
Govt. Degree College-Salur
Parvathipuram Manyam Dist.

PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE. SALUR, VIZIANAGARAM DIST.
PRESENT:: Dr.T.Radha Krishna,M.Com.,Ph.D

Rc.No.RUSA-2/ESST/2021

Date: 06-01-2021

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District - RUSA COMPONENT 6-
EXISTING COLLEGE INTO MODEL DEGREE COLLEGE - New Building construction and Renovation of
GDC, Salur - Sanction of Rs.15,00,000/- to EE APEWIDC- Orders issued- Regarding.

Ref:- 1. Bill Pass Order Particulars with M.Book No.115/A/2018-19/P.No.62
2. Rc.No. 19/2013/SA/Dt 04.01.2021 of the Executive Engineer,APEWIDC,Vizianagaram.
3. M.Book Remarks by Executive Engineer Page No. 62 Date : 04.01.2021

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ORDER:-

In pursuance of the orders issued in the reference 2 cited above, Principal, Government Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment Rs.15,00,000/- (Rupees Fifteen Lakhs only) to Executive Engineer , APEWIDC , Vizianagaram , Bank Account No. 35812200076485 Including 2 % GST and 2% TDS towards RUSA New Building construction and Renovation of Government Degree College, Salur, Vizianagaram Dist.

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 - DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 - NOT APPLICABLE
Minor Head	:	110 - EDUCATION FUNDS
Group Sub Head	:	15 - CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 - CASP FUNDS

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R. Radha Krishna
06.01.2021
PRINCIPAL
Govt. Degree College
SALUR, Vizianagaram Dist



PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE. SALUR, VIZIANAGARAM DIST.
PRESENT:: Dr.T.Radha Krishna,M.Com.,Ph.D

Rc.No.RUSA-3/ESST/2019

Date: 31-05-2020

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6-
EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – New Building construction and Renovation of
GDC, Salur – Sanction of Rs.25,24,836/- to EE APEWIDC,Vizianagaram- Orders issued- Regarding.

Ref:- 1. Bill Pass Order Particulars with M.Book No.115/A/2018-19/PNo.41
2. Rc.No.19/2013/SA/Dt 26.05.2020 of the Executive Engineer, APEWIDC, Vizianagaram.
3. M.Book Remarks by Executive Engineer Page No. 24 Date : 26.05.2020


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ORDER:-

In pursuance of the orders issued in the reference 2 cited above, Principal, Government. Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment of Rs.20,18,389/- (Rupees Twenty Lakhs Eighteen thousand Three hundred and Eighty Nine only) to Sri Sairam Enterprises , Visakhapatnam, and Rs. 5,06,447/-(Rupees Five Lakhs Six Thousand Four Hundred and Forty Seven Only) to Executive Engineer , APEWIDC , Vizianagaram , Total **Rs.25,24,836/- (Rupees Twenty Five Lakhs Twenty four thousand Eight hundred and Thirty Six only)** sanctioned to Executive Engineer , APEWIDC , Vizianagaram , Bank Account No. 35812200076485 Syndicate Bank, Vizianagaram Branch (IFSC Code SYNB 0003581)Including 2 % GST and 2% TDS towards **RUSA New Building construction and Renovation of Government Degree College, Salur, Vizianagaram Dist.**

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS


Principal
Government Degree College
Salur, Vizianagaram Dist.

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PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE. SALUR, VIZIANAGARAM DIST.
PRESENT:: Dr.T.Radha Krishna,M.Com.,Ph.D

Rc.No.RUSA-2/ESST/2019

Date: 09-03-2020

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6-
EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – New Building construction and Renovation of
GDC, Salur – Sanction of Rs.45,82,403/- to EE APEWIDC – Orders issued- Regarding.

Ref:- 1. Bill Pass Order Particulars with M.Book No.115/A/2018-19
2. Rc.No. 19/2013/SA/Dt 07.03.2020 of the Executive Engineer,APEWIDC,Vizianagaram.
3. M.Book Remarks by Executive Engineer Page No. 24 Date : 28.02.2020

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ORDER:-

In pursuance of the orders issued in the reference 2 cited above, Principal, Government. Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment Rs.45,82,403/- (Rupees Forty Five Lakhs Eighty Two Thousand Four Hundred and Three only) to to Executive Engineer , APEWIDC , Vizianagaram , Bank Account No. 35812200076485 Including 2 % GST and 2% TDS towards RUSA New Building construction and Renovation of Government Degree College, Salur, Vizianagaram Dist.

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS

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RdK
09/03/2020
PRINCIPAL
Govt. Degree College
SALUR, Vizianagaram Dist

PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE, SALUR, VIZIANAGARAM DIST.
PRESENT:: Dr.V.SUREHS BABU,M.A.,Ph.D

Rc.No.RUSA-2/ESST/2019

Date: 29-11-2019

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – New Building construction and Renovation of GDC, Salur – Sanction of Rs.26,83,243/- to EE APEWIDC and Building Contractor – Orders issued- Regarding.

Ref:- 1. Bill Pass Order Particulars with M.Book No.115/A/2018-19
2. Rc.No. 19/2013/SA/Dt 28.11.2019 of the Executive Engineer,APEWIDC,Vizianagaram.
3. M.Book Remarks by Executive Engineer Page No. 12 Date : 28.11.2019

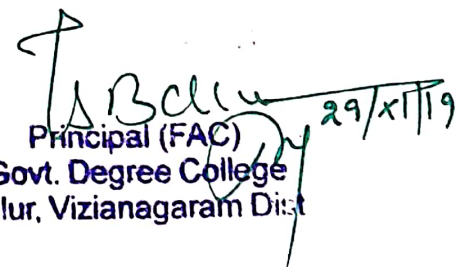
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ORDER:-

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Viziagaram District sanction is hereby accorded for drawal and payment Rs.22,01,601 (Rupees Twnty Two Lakhs One Thousand Six Hundred and one only) to Sri Sairam Enterprises , Visakhapatnam , Bank Ac.No. 12700200000294 and Rs. 4,81,642/- (Rupees Four Lakhs Eighty One Thousand Six Hundred and Forty Two Only) to Executive Engineer , APEWIDC , Vizianagaram , Bank Account No. 35812200076485 Including 2 % GST and 2% TDS towards **RUSA New Building construction and Renovation of Government Degree College, Salur,Viziagaram Dist.**

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
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Sub Detailed Head	:	002 – CASP FUNDS


Principal (FAC)
Govt. Degree College
Salur, Vizianagaram Dist

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PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE. SALUR, VIZIANAGARAM DIST.
PRESENT:: Dr.V.SUREHS BABU,M.A.,Ph.D

Rc.No.RUSA-2/ESST/2019

Date: 26-11-2019

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6-
EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – Purchase of 3 (Three) Virtual class rooms
equipment – Sanction of Rs/-15,59,092 to TCIL, New Delhi – Orders issued- Regarding.

- Ref:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 01.03.2019
3. Proposals for virtual class rooms submitted by TCIL.
4. Technical specifications of Virtual Class rooms
5. TCIL/TG/66 /2019 RUSA AP,Dt:15.03.2019
6. Lr.No.114/SPD/RUSA / TSG/2019/1 Dated : 21.11.2019

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ORDER:-

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment 90% of Total cost ie; **Rs.15,59,092/-** (Rupees Fifteen Lakhs Fifty Nine Thousand and Ninty two only) Excluding TDS 2 % of an amount Rs. 29,925/- from actual price towards **Three (3) Virtual Class Rooms equipment** to **Telecommunications Consultants India Limited , New Delhi.**

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS

CFMS Beneficiary ID of TCIL — 1001503824


Principal (FAC)
Govt. Degree College
Salur, Vizianagaram Dist
27/11/19

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ORDER No: EHE 03/2019/22651



PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE. SALUR, VIZIANAGARAM DIST.
PRESENT:: Dr.V.SUREHS BABU,M.A.,Ph.D

Rc.No.RUSA-2/ESST/2019

Date: 26-11-2019

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6-
EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – Purchase of **Computer Lab equipment** –
Sanction of Rs/-18,04,596 to TCIL, New Delhi – Orders issued- Regarding.

- Ref:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 01.03.2019
3. Proposa for RUSA Digital / Computer Lab Submitted by TCIL-TCIL166/e-Gov/2019
RUSA.AP_Digital Lab/01 /4 Dated : 03.05.2019.
4. Corrigendum / addendum for TCIL Techno-commercial proposal for Implementation of
Digital Labs for RUSA - AP - TCIL/66/e-Gov/2019RUSA.AP_Digital Lab/02 Dated : 04.05.2019
5. Lr.No: 47/SPD/RUSA 2.0 /Equipment/TCIL/2019/12,Dt:07.05.2019
6. Lr.No.114/SPD/RUSA / TSG/2019/1 Dated : 21.11.2019

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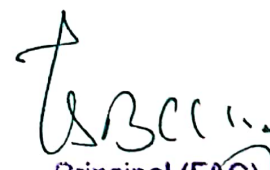
ORDER:-

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment 90% of Total cost ie; **Rs.18,04,596/-** (Rupees Eighteen Lakhs Four Thousand Five Hundred and Ninty six only) Excluding TDS 2 % of an amount Rs. 35,004/- from actual price towards **RUSA computer Lab equipment** to **Telecommunications Consultants India Limited , New Delhi.**

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS

ID of TCIL : 1001SD3824.


Principal (FAC) 27.11.19
Govt. Degree College
Salur, Vizianagaram Dist

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EHE 03/2019 / 22776.



PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE. SALUR, VIZIANAGARAM DIST.
PRESENT:: Dr.V.SUREHS BABU,M.A.,Ph.D

Rc.No.RUSA-2/ESST/2019

Date: 26-11-2019

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6-
EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – Purchase of Furniture – Sanction of Rs/-
18,04,964/- to Kendriya Bhandar, Vijayawada – Orders issued- Regarding.

- Ref:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 27.05.2019 at office of SPD,RUSA
3. Lr.No.02/SPD/RUSA / Gen/2019 Dated : 06.06.2019
4. Tax invoice (VJA-0296/19-20)received from Kendriya Bhandar Dated : 30.09.2019

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ORDER:-

In pursuance of the orders issued in the reference 4 cited above, Principal, Government. Degree College, Salur , Vizianagaram District sanction is hereby accorded for drawal and payment 90% of Total cost (including GST – 18%) ie; **Rs.18,04,964/-** (Rupees Eighteen Lakhs Four Thousand Nine Hundred and Sixty Four only) Excluding TDS 2 % of an amount Rs. 34,644/- from actual price towards **Furniture (Office Arm Chairs, Duel Desks, Executive Chairs, Book Racks)** to **Kendriya Bhandar , Vijayawada.**

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LOCAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS

[Signature]
28.11.19
Principal (FAC)
Govt. Degree College
Salur, Vizianagaram D.

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FHE 03/2019/23763



PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE, SALUR, VIZIANAGARAM DIST.

PRESENT:: Dr.V.SUREHS BABU,M.A.,Ph.D

Rc.No.RUSA-2/ESST/2019

Date: 26-11-2019

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – Purchase Digital Class rooms equipment – Sanction of Rs. 8,80,651/- to TCIL, New Delhi – Orders issued- Regarding.

- Ref:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 01.03.2019
3. Proposal for virtual and Digital class rooms with integrated L.M.S.in a Podium submitted by TCIL to the office of SPD.RUSA
4. Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/8 Dated : 21.03.2019.
5. TCIL/66/e-Gov/RUSA-AP/2019/02 Dt: 25.03.2019
6. Lr.No.114/SPD/RUSA / TSG/2019/3 Dated : 21.11.2019

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ORDER:-

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment 90% of Total cost ie; **Rs.8,80,651/-** (Rupees Eight Lakhs Eight Thousand Six Hundred and Fifty One only) Excluding TDS 2 % of an amount Rs. 16,903/- from actual price towards **Digital Class Room equipment** to **Telecommunications Consultants India Limited , New Delhi.**

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS

ID of TCIL : 1001503824


Principal (FAC)
Govt. Degree College
Salur, Vizianagaram Dist
27.11.19

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EHE 03/ 2019/22462

**PROCEEDINGS OF THE Collegiate Education Dept
GOVT DEGREE COLLEGE SALUR**

PRESENT :

Sanction No. EHE03/2019/47198

Dated :

Sub:- Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – Purchase of RO Water Purifier and Voltas Water Cooler – Sanction of Rs/-104787/- to Pujitha Water Sollutions , Vizianagaram – Orders issued- Regarding.

Read:- 1. Cash Bill (73/19-20) received from Pujitha Water Sollutions Dated : 16.12.2019
2. Resolution from Project Monitoring Unit , RUSA , GDC Salur on 07.12.2019

ORDER :

In pursuance of the orders issued in the reference 1 cited above, Principal, Government. Degree College, Salur, Vizianagaram District sanction is hereby accorded for drawal and payment of Total cost (In cluding TDS – 2 % , CGST 1% , SGST 1% TOTAL 4%) ie; Rs. 1,04,787, /- (Rupees One Lakh Four Thousand Seven Hundred and Eighty Seven only) . An amount of Rs. 1,01,203/- sanctioned (Excluding TDS 2 % and CGST 1% , SGST 1% of an amount Rs. 3 584 / - from actual price) towards purchase of Water Purifier RO Plant and Voltas Water cooler to Poojitha Water Sollutions , Vizianagaram .

The amount is now drawn shall be debatable under head of account.

Major Head : 8448 – DEPOSITS OF LOCAL FUNDS
Sub Major Head : 00 – NOT APPLICABLE
Minor Head : 110 – EDUCATION FUNDS
Group Sub Head : 15 – CENTRALLY SPONSORED SCHEMES
Sub Head : 14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head : 001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head : 002 – CASP FUNDS

DDO/HOA DETAILS		
DDO Code	Head of Account	Amount
22100304001	8448001101514001002VN	101203.00

SANCTION SUMMARY		
Gross Amount	Deduction Account	Net Amount
101203.00	0.00	101203.00

ITEM DETAILS					
Material	Uom	Rate	Quantity	Total Amount	Beneficiary Name
261	001	101203.00	1.000	101203.00	

INVOICE/AUTHORIZATION DETAILS

Beneficiary	Invoice No.	Invoice Date	Amount	Beneficiary Name
1002846529	46	16.12.2019	101203.00	POOJITHAWATER SOLLUTIONS

PAYOUT SCHEDULE DETAILS

Year	Month	Amount
2019	12	101203.00

COPY TO :

//FORWARDED::BY ORDER//

SANCTION OFFICER

T. Sreenivasulu Reddy
Principal (FAC)
Govt. Degree College
Salur, Vizianagaram Dist. 16/12

ANNEXURE-I

Organization Unit: Collegiate Education Dept

Sanction No. EHE03/2019/47198

Dated :

VENDOR DETAILS:								
Vendor	Name	PAN	Adhaar Number	Bank Key	Bank A/c No.	Gross Amount	Deductions	Net Amount
1002846529	POOJITHA WATER SOLUTION S	XXXXXX0000X		SBIN0017902	36372066358	101,203	0	101,203


Principal (FAC)
Govt. Degree College
Salur, Vizianagaram Dist

Rc.No.RUSA-2/ESST/2019

Date: 09.03.2020

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – Purchase of **e-campus Management System software** – Sanction of Rs .4,55,632/- to TCIL, New Delhi – Orders issued- Regarding.

- Ref:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 01.03.2019
3. Proposal for e-campus Management submitted by TCIL.
4. Module Specifications of e-campus Management
5. Lr.No: 47/SPD/RUSA 2.0 /Equipment/TCIL/2019/10,Dt:29.03.2019
6. Lr.No.114/SPD/RUSA / TSG/2019/4 Dated : 21.11.2019

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ORDER:-

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment 90% of Total cost ie; **Rs.4,55,632/-** (Rupees Four Lakhs Fifty Five Thousand and six hundred and thirty two only) including T 2 % TDS an amount of Rs. 8,581/- from actual price towards **e-campus management system software** to **Telecommunications Consultants India Limited , New Delhi.**

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS

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Rev
10032020
PRINCIPAL
Govt. Degree College
Salur, Vizianagaram Dist

Rc.No.RUSA-2/ESST/2019

Date: 09-03-2020

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – **Purchase Digital Class room equipment** – Sanction of 10% Balance amount ie:Rs. 1,16,631/- to TCIL, New Delhi – Orders issued- Regarding.

- Ref:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
 2. Minutes of Expert Committee Meeting held on 01.03.2019
 3. Proposal for virtual and Digital class rooms with integrated L.M.S.in a Podium submitted by TCIL to the office of SPD.RUSA
 4. Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/8 Dated : 21.03.2019.
 5. TCIL/66/e-Gov/RUSA-AP/2019/02 Dt: 25.03.2019
 6. Lr.No.114/SPD/RUSA / TSG/2019/3 Dated : 21.11.2019
 7. Letter received from SPD RUSA Dated : 07.01.2020.

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ORDER:-

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment the balance 10% of Total cost ie; **Rs.1,16,631/-** (Rupees One Lakh Sixteen Thousand Six Hundred and thirty One only) including 2 % TDS amount Rs. 16,903/- from 10% actual bill amount towards **Digital Class Room equipment** to **Telecommunications Consultants India Limited , New Delhi.**

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS

Radha Krishna
10032020

PRINCIPAL
Govt. Degree College
SALUR, Vizianagaram Dist

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Rc.No.RUSA-2/ESST/2019Date: 09-03-2020

(2)

Sub:-RUSA-2.0— Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – Purchase of Furniture – Sanction of Rs/- 12,13,900/- to Kendriya Bhandar, Vijayawada – Orders issued- Regarding.

- Ref:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
 2. Minutes of Expert Committee Meeting held on 27.05.2019 at office of SPD,RUSA
 3. Lr.No.02/SPD/RUSA / Gen/2019 Dated : 06.06.2019
 4. Tax invoice (VJA-0296/19-20)received from Kendriya Bhandar Dated : 30.09.2019


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ORDER:-

In pursuance of the orders issued in the reference 3 cited above, Principal, Government. Degree College, Salur , Vizianagaram District sanction is hereby accorded for drawal and payment balance 10% of Total cost (including GST – 18%) ie; Rs.12,13,900/- (Rupees Twelve Lakhs Thirteen Thousand Nine thousand only) by deducting TDS 2 % of an amount Rs. 20,575/- from actual price towards (Gauge Beeruva, Duel Desks) to Kendriya Bhandar , Vijayawada.

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LOCAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS


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PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE, SALUR, VIZIANAGARAM DIST.

PRESENT:: Dr.T.Radha Krishna,M.Com.,Ph.D

Rc.No.RUSA-2/ESST/2019

Date: 09-03-2020

Sub:-RUSA-2.0– Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL DEGREE COLLEGE –Purchase of 3 (Three) Virtual class rooms equipment – Sanction of 10% Balance amount ie:Rs. 2,06,483/- to TCIL, New Delhi – Orders issued- Regarding.

- Ref:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 01.03.2019
3. Proposal for virtual and Digital class rooms with integrated L.M.S.in a Podium submitted by TCIL to the office of SPD.RUSA
4. Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/8 Dated : 21.03.2019.
5. TCIL/66/e-Gov/RUSA-AP/2019/02 Dt: 25.03.2019
6. Lr.No.114/SPD/RUSA / TSG/2019/3 Dated : 21.11.2019
7. Letter received from SPD RUSA Dated : 07.01.2020.

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ORDER:-

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment the balance 10% of Total cost ie; **Rs.2,06,483/-** (Rupees Two Lakhs Six Thousand Four Hundred and Eighty Three only) by including 2 % TDS amount ie: Rs. 29925/- towards **purchase of 3 (Three) Virtual Class Rooms equipment to Telecommunications Consultants India Limited , New Delhi.**

The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS

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Govt. Degree College
Vizianagaram Dist





Rc.No.RUSA-2/ESST/2019

Date: 09-03-2020

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6-
EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – Purchase of **Computer Lab equipment** –
Sanction of balance 10% amount ie: Rs/-2,05,005 to TCIL, New Delhi – Orders issued- Regarding.

- Ref:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 01.03.2019
3. Proposa for RUSA Digital / Computer Lab Submitted by TCIL-TCIL166/e-Gov/2019
RUSA.AP_Digital Lab/01 /4 Dated : 03.05.2019.
4. Corrigendum / addendum for TCIL Techno-commercial proposal for Implementation of
Digital Labs for RUSA - AP - TCIL/66/e-Gov/2019RUSA.AP_Digital Lab/02 Dated : 04.05.2019
5. Lr.No: 47/SPD/RUSA 2.0 /Equipment/TCIL/2019/12,Dt:07.05.2019
6. Lr.No.114/SPD/RUSA / TSG/2019/1 Dated : 21.11.2019
7. Letter received from SPD RUSA , AP Dated : 07.01.2020

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ORDER:-

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Viziangaram District sanction is hereby accorded for drawal and payment balance 10% amount of Total cost ie; **Rs.2,05,005/-** (Rupees Two Lakhs Lakhs Five Thousand and Five only) including TDS 2 % of an amount Rs. **34,009/-** from actual price towards **RUSA computer Lab equipment** to **Telecommunications Consultants India Limited , New Delhi.**

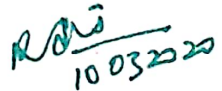
The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
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Sub Head	:	14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head	:	001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head	:	002 – CASP FUNDS

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PRINCIPAL
Govt. Degree College
SALUR, Vizianagaram Dist.

PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE. SALUR, VIZIANAGARAM DIST.

PRESENT:: Dr.T.Radha Krishna,M.Com.,Ph.D

1

Rc.No.RUSA-2/ESST/2019

Date: 09-03-2020

Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – Purchase of Furniture – Sanction of Rs/- **2,39,045/-** to Kendriya Bhandar, Vijayawada – Orders issued- Regarding.

- Ref:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 27.05.2019 at office of SPD,RUSA
3. Lr.No.02/SPD/RUSA / Gen/2019 Dated : 06.06.2019
4. Tax invoice (VJA-0296/19-20)received from Kendriya Bhandar Dated : 30.09.2019

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ORDER:-

In pursuance of the orders issued in the reference 3 cited above, Principal, Government. Degree College, Salur , Vizianagaram District sanction is hereby accorded for drawal and payment balance 10% of Total cost (including GST – 18%) ie; **Rs.2,39,045/-** (Rupees Two Lakhs Thousand Nine thousand Forty Five only) by deducting TDS 2 % of an amount Rs. 34,644/- from actual price towards **Furniture (Office Arm Chairs, Duel Desks, Executive Chairs, Book Racks)** to Kendriya Bhandar , Vijayawada.


The amount is now drawn shall be debatable under head of account.

Major Head	:	8448 – DEPOSITS OF LOCAL FUNDS
Sub Major Head	:	00 – NOT APPLICABLE
Minor Head	:	110 – EDUCATION FUNDS
Group Sub Head	:	15 – CENTRALLY SPONSORED SCHEMES
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Govt. Degree College
SALUR, Vizianagaram Dist.

DIGITAL LAB AND PODIUM FILE

RUSA 2.0

GDC SALUR

S. No	Item Description	Make	Model
AT CENTRAL LOCATION			
1	Supply, installation and Implementation of IVMCS Software Solution with servers & licenses -100 No's Host	Peoplelink	Fx series
2	Learning Management System	Peoplelink	Accumen
3	Content Management System	Peoplelink	Instaview
AT EACH COLLEGES			
4	High End PTZ camera for Student	Peoplelink	Icam HD 1080 10 x
5	High End PTZ camera for Professor	Peoplelink	Icam HD 1080 12 x
6	Podium for classroom	Peoplelink	e podium Elite
7	visualizer	Peoplelink	ivision
8	Video codec	Peoplelink	peoplelink FHD codec
9	Projectors	Epson	EB-X05
10	Interactive White Boards	Ingress Smart Board	FX-85



[Signature]
26/03/18

S.R. Ansari
Dy. G.M (e-GW)



टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprise)

आई एस / आई एस ओ
IS/ISO 9001-2000



प्रभाग
DIVISION

टी. सी. आई. एल. भवन, ग्रेटर कैलाश-I,
नई दिल्ली-110048

TCIL Bhawan, Greater Kailash - I,
New Delhi-110 048

Price Proposal for Setting up of Virtual and Digital Class room with Integrated LMS equipment in a Podium for
40 Colleges under RUSA - AP

S No	Description	Qty (In No's) (a)	Unit Price (In INR) (b)	GST Rate (In Percentage)	GST Amount (In INR) (c)	Total Unit Price (d = b+c)	Total Amount (In INR) (e=axd)
1	Setting up of Virtual & Digital Classroom with Integrated LMS Equipment in a Podium	40	845154.8	18%	152128	997282.61	39891304.2



26/3/19

S. R. ANSARI
DSM (e-Gov)

राष्ट्रीय : National : टेलीफोन : Telephone : 011-26202020 फैक्स : Fax : 011-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com
अंतरराष्ट्रीय : International : टेलीफोन : Telephone : +91-11-26202020 फैक्स : Fax : +91-11-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com

हम पढ़ें सभी भाषाओं को, अपनी हिंदी का मान करें, सम्मान बढ़ाएं भारत का, आओ हिंदी में काम करें ।

**GOVT. OF ANDHRA PRADESH
STATE PROJECT DIRECTORATE, RUSA
VIJAYAWADA**

Lr.No. 114/SPD/RUSA/TSG/2019/3 dt: 21.11.2019

To,
The principals of GDC, Paderu and GDC, Salur

Sub: Instructions for release of 90% advance payment of Virtual and Digital Classrooms with integrated LMS(Learning Management System) in a podium to TCIL (Telecommunications Consultants India Limited)- Reg ..

Ref:

- 1) Minutes of Meeting of SHEC-03 held on 18/12/2018
- 2) Minutes of Expert Committee Meeting held on 01/03/2019
- 3) Proposal for Virtual and Digital classrooms with integrated LMS in a podium submitted by TCIL to the O/o SPD, RUSA
- 4) Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/8 Dated 21/03/2019
- 5) TCIL/66/e-Gov/RUSA-AP/2019/02 Dated:25/03/2019

With reference cited (1) it is resolved in the SHEC-03 meeting that equipment should procure in centralised manner by duly constituting an expert committee to decide the equipments. In this connection an expert committee meeting was held on 01.03.2019 and resolved to procure the following items through TCIL (Telecommunications Consultants India Limited) under RUSA equipment head.

- 1 Digital cum Virtual Class Rooms with Integrated LMS (Learning Management Systems)
2. RUSA lab with 30 Desktops, 1 Projector, Interactive whiteboard with network etc.
3. E campus Management

In this connection purchase order was given to TCIL for procurement of 40 virtual and digital classrooms with integrated LMS in a podium for 40 colleges @1 classroom each. Cost for each classroom is Rs.9,97,282.63/- (Nine lakhs Ninety seven thousand two hundred eighty two rupees and sixty three paise only) including GST. As per the payment terms of purchase order institutes needs to pay 90% of total cost of equipment as advance to TCIL and remaining 10% can be paid after delivery of equipment, installation and compliance report from the principal to o/o SPD RUSA.

In this connection SPD, RUSA Andhra Pradesh has given instructions to the Principals of the above listed colleges to release the 90% of equipment cost i.e. Rs.8,97,554.36/- (Eight lakhs ninety seven thousand five hundred fifty four rupees and thirty six paise only) to TCIL through online payment. The account details of TCIL is provided below.

Beneficiary's Name: Telecommunications Consultants India Limited
Account No. : 000705005880
Bank Details: ICICI BANK LIMITED
IFSC Code of Bank: ICIC0000007
MICR Code of Bank: 110229002

PAN Number: AAAC0061H
TIN/TAN Number: DELT00102E

For your ready reference we herewith sending the following documents

Proposal for Virtual and Digital Classrooms with integrated LMS in a podium submitted by TCIL
Purchase order copy

Details of Items to be delivered will be informed to institutions in one or two day's time.

It is further requested the college to update the Fund Tracker portal with Virtual classroom details.

Nanjurha
12/11/19

For

**STATE PROJECT DIRECTOR, RUSA
ANDHRA PRADESH: VIJAYAWADA**

State Project Director
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
Higher Education Department
Government of Andhra Pradesh

Encl:

Proposal for Virtual and Digital Classrooms with integrated LMS in a podium submitted by TCIL
Purchase order copy



Telecommunications Consultants India Limited
(A Government of India Enterprise)

Projector for Classroom

S.N O	Parameter	Specifications	Compliance
			Yes / No
1	Technology	3LCD / 3Chip DLP	Yes
2	Colour Light Minimum Brightness	3300 lumens	Yes
3	White Light Minimum Brightness	3300 lumens	Yes
4	Minimum Lamp life in normal mode	6000 hours	Yes
5	Resolution	XGA	Yes
6	Aspect Ratio	4:3	Yes
7	Contrast Ratio Minimum	15000: 1	Yes
8	Interfaces	HDMI, USB, VGA	Yes
9	Keystone correction	Vertical : +/-30 & Horizontal: +/-30	Yes
10	Quick Corner	Yes	Yes
11	Warranty	36 months On-site service, Lamp: 12 months or 1,000 hours	Yes
12	MAF	Yes	Yes



Codec for Classrooms

S No	Parameter	Specifications	Compliance
1	Video Codec	The codec should support the following video standards H.263, H.264, H.264 AVC/SVC/VBR or H.265	Yes
2	IP	The codec should support H.323 directly or through MCU	Yes
3	Resolution supported	The codec should support Full HD Resolution up to 1080p @30fps	Yes
4	Aspect Ratio	The codec should support 4:3 and 16:9 aspect ratio	Yes
5	Frame rates	The codec should support minimum 30 frames per second from 512 kbps	Yes
6	Content sharing	The codec should support H.239 for content sharing directly or through MCU	Yes
7	Resolution supported	Full High Definition- 1920 x 1080p	Yes
		High Definition - 1280 x 720p	Yes
		4CIF -704 x 576 pixels	Yes
		4SIF-704 x 480 pixels	Yes
		VGA -640 x 480 pixels	Yes
		Interlaced CIF -352 x 576 pixels	Yes
		CIF -352 x 288 pixels	Yes
		SIF -320 x 240 pixels	Yes
8	Multiple Camera input support	QCIF-176 x 144 pixels	Yes
9	Audio Codec	The codec should support 2 cameras and content sharing (3rd Video Input) Simultaneously or external Video Mixer should be supplied of branded Company at each of the studios	Yes
10	Audio Output	The codec should support G.711, G.722, G.722.1, G.728, G.729 /GIPS / SPEEX codec or MPEG4 - AAC (LC).	Yes
11	Recording	Codec must support either common 3.5mm line out or headphone output & must support integration with external audio mixer.	Yes
12	Network port	The system should support local recording and storage of 4 hrs of video. The recording solution can be provided from 3rd party also if not available from the same OEM	Yes
13	Bandwidth Support	Codec should have minimum 1 RJ-45 port for IP network.	Yes
14	Display Support	The system should support up to 4 Mbps in a Point to Point call and multipoint call.	Yes
15	Codec Output for display	The system should support dual Display right from day one.	Yes
16	Packet Loss Correction	Codec must have at least HDMI /DVI ports or equivalent.	Yes
		-Video packet loss should be buffered or corrected with some sort of intelligent protocol or algorithm.	Yes
17	Warranty	-Audio packet loss should be buffered or concealed with some sort of intelligent protocol or algorithm.	Yes
		Oneyears warranty with direct support from OEM	Yes



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		Gooseneck microphone.		
6	Notebook or Laptop Interface	The system should consist of the atleast following ports on the interface	Yes	
		HDMI Port, Audio port, USB Ports, Power Outlet.	Yes	
7	Wall Mount Speakers	The System should come up with 2Wall Mountable Speakers along with wall mounts.	Yes	
8	Visualizer	A minimum of 280×285 mm shooting area is desirable.	Yes	
		It should have a minimum of 2,000,000 Pixels .	Yes	
		It should have ≥600 TV Lines or more	Yes	
		It should support the following resolutions 1024×768;1280×1024; 1280×720 or more.	Yes	
		It should have option of Auto/ Manual White Balance.	Yes	
		It should have Video Outx1, VGA Output	Yes	
		It should have USB Port ×1	Yes	
9	OEM	Solution should be from same OEM	Yes	
10	Warranty	One year warranty with direct support from OEM	Yes	



		with standard 3 PIN XLR Connector.		
		The Cartridge should be a 20mm Condenser	Yes	
5	Multichannel All in one Digital Signal Processor	The DSP should be standard 19 inches Rack Mountable	Yes	
		It should have integrated DSP or External DSP which should have a 100% Full Duplex Echo Cancelling (AEC, AGC, Dynamic Noise reduction – no attenuation during full-duplex.	Yes	
		It should have in built Amplifier or external amplifier and should consist of Power output @20ohms 100w, Vcc= 21V DC or above	Yes	
		It should have inbuilt Microphone Mixer or External Microphone mixer and come with 2 x Handheld/ 1 Handheld +1 Lapel / 2 x Lapel	Yes	
		It should have Balanced XLR and Mixed Unbalanced 1/4" Outputs and separate volume control for both channels	Yes	
		It should have 1x 3.5mm Line Input and 1x 3.5mm Line Output	Yes	
		The DSP should have USB port for integrating with Unified Software solutions like Skype, Lync, etc for Two way Audio communication	Yes	
		It should support Local Sound reinforcement and Far end Audio Conferencing using USB Port at the same time.	Yes	
		It Should have RS-232 Port so that audio functions can be controlled using Central Controller.	Yes	
		It should integrated with	Yes	



Telecommunications Consultants India Limited
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14	Accessory	The camera should be supplied with IR remote control as an included accessory.	Yes	
15	Warranty	One year warranty and direct support from OEM	Yes	

E – Podium for Classroom

S. No	Parameter	Specifications	Compliance (Y/N)	Deviations, if Any
1	System Body	Top and Body should be Metal	Yes	
		The system should have a Top Sliding Mechanism.	Yes	
		The angle of the tablet Monitor should be electrically adjustable with the help of Switch	Yes	
2	Touch Screen Monitor	The system should consist of 48.1cm or 21.5Inches Touch Screen Monitor.	Yes	
		The monitor should be LCD/LED.	Yes	
		The monitor should have a native resolution of 1920X1080P.	Yes	
3	Laptop Interface	1 VGA/ 1 HDMI	Yes	
		1x 3.5mm Stereo Female Port or better	Yes	
		2 x USB 2.0 Ports	Yes	
		2/3 Pin AC 220 Power Socket	Yes	
4	Gooseneck Microphone	The Microphone should have a frequency response of 40 Hz to 14000 Hz or better.	Yes	
		The Microphone should have a Cardioids Polar Pattern.	Yes	
		The Microphone should come up	Yes	



			Yes / No	if Any
1	Sensor	The camera sensor should be 1/2.8 inch high quality 2MP HD CMOS sensor or better.	Yes	
2	White Balance	The camera should have an Option of Auto or Manual White Balance.	Yes	
3	Gain	The camera should have an auto Gain Control	Yes	
4	Back Light Compensation	The camera should have a selectable Back-light compensation	Yes	
5	S/N ratio	The camera should have a S/N Ratio of >50db.	Yes	
6	Zoom	The camera should have a 12x optical zoom	Yes	
7	Interface	The camera should have a standard Video Output either through USB 3.0 or through HDMI, DVI or better.	Yes	
8	Signal Support	The camera should support Video format of 1080p 30/25 fps, 720p 60/50/30/25 fps.	Yes	
9	Presets	The camera should have at least 65 Position Presets	Yes	
10	Field Of View	The camera should have 70 Degree or better field of view	Yes	
12	Pan Range	The camera should have a Pan Rotation Angle of -160 degrees to +160 Degrees or better	Yes	
13	Tilt Range	The camera should have a Tilt Rotation Angle of -30 degrees to + 30 degrees or better	Yes	



Telecommunications Consultants India Limited
(A Government of India Enterprise)

4	S/N ratio	The camera should have a S/N Ratio of >50db.	Yes	
5	Iris	The camera should have an Auto/Manual Iris	Yes	
6	Optical Zoom	The camera should have a 10 X Optical ZOOM	Yes	
7	Video Interface	The camera should have a standard Video Output either through USB or through HDMI, DVI or better.	Yes	
8	Video Signal Support	The camera should support Video format of 1280x 720 @30p or higher	Yes	
9	Control Port	The camera should have an RS 232 port for Communication, EIA/RS-232 (Bidirectional)	Yes	
11	Presets	The camera should have atleast 40 Position Presets	Yes	
12	Pan Range	The camera should have a Pan Rotation Angle of -160 degrees to +160 Degrees or better	Yes	
13	Tilt Range	The camera should have a Tilt Rotation Angle of -20 degrees to + 20 degrees or better	Yes	
14	Accessory	The camera should be supplied with IR remote control as an included accessory.	Yes	
15	Ceiling Mount	Camera should come with ceiling mount kit	Yes	
16	Warranty	One year warranty and direct support from OEM	Yes	

Camera For Professor in Classrooms

S.NO	Parameter	Specifications	Compliance	Deviations,
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36	Should support for Bi-Lingual support API	Yes
37	should support searchable videos and discoverable	Yes
38	playback should happen on portal page only: application should not ask for opening any specific media/player	Yes
39	Inbuilt player should support following features:	Yes
40	Full Screen viewing	Yes
41	Slider functionality for forward, rewind of video	Yes
42	Sound level adjustment	Yes
43	Pause/resume	Yes
44	Duration	Yes
45	Multiple resolutions such as 240P, 360p, 480p, 720P etc	Yes
47	Solution you support managing thumbnails for videos	Yes
48	Should support for viewing no of online users and kick off any user by admin	Yes
49	should have action logs for signups, logins, uploads	Yes

Camera For Students in Classrooms

S.No	Parameter	Description of Requirement	Compliance Yes/No	Deviations, if Any
1	Sensor	The camera sensor should be 1/2.8" Color CMOS or better.	Yes	
2	Gain	The camera should have an auto Gain Control	Yes	
3	Back Light Compensation	The camera should have a selectable Back-light compensation	Yes	



	shapes and sizes.	
20	Solution should be completely mobile friendly	Yes
21	Solution should support all major browsers like Safari, Chrome, Opera, FireFox, Internet Explorer and all other major browsers are supported.	Yes
22	Solution should have inbuilt Plugins	Yes
23	Solution should support photos for starting a photo sharing website too	Yes
24	Solution should support for creating collections and add items to them	Yes
25	Solution should support to create channels too like YouTube	Yes
26	Solution should have friend requests too	Yes
27	Solution should have block users functionality To avoid users annoying each other	Yes
28	Should support delivery of content at different bitrates	Yes
29	Should support permission based publishing and access	Yes
30	Should Support Email Notifications for comments, user registrations, publish video and more	Yes
31	user should be able to define the content as public or private. public content should be viewable to everyone, where as private content should be viewable to register users	Yes
33	should support embedding of the video content on web page by taking the embed code and inserting content into another site or webpage	Yes
34	should support encryption (min AES-128)	Yes
35	should support playing YouTube videos inside the portal by YouTube API	Yes



10	Solution should have Comprehensive Video Editor so that Admins or user who has uploaded a video can make edits and change a wide range of things	Yes
11	Solution should have playlists so that User can add videos to their playlists to watch them later, There should be no limit on how many playlists can be added or videos inside those playlists.	Yes
12	Solution should have favorites section so that Users can also add videos they like to Favorites section.	Yes
13	Solution should have inbuilt private messaging ability so that Users can send simple text based messages to each other or even attach videos with them.	Yes
14	Solution should support Admin controls of every single thing using a Graphical User Interface. Those controls include user registration, video size limits, comprehensive video manger, user manager, stats and much more.	Yes
15	Solution should have organized statistics to admins including different things such as new users added, videos added, videos size and more.	Yes
16	Solution should support video reporting so that user can report inappropriate content with matter of few clicks. Admin can then decide if report is legitimate or not.	Yes
17	Solution should support well-structured commenting system where users can engage in conversation with other users.	Yes
18	Solution should have Related videos are also shown based on tags, title and description similarity.	Yes
19	Solution should be responsive No matter how big or small a computer or laptop screen is, it makes sure that your website looks good in all	Yes



Trainer himself or the moderator can pull the subject material/course etc. from his local laptop/desktop, and his content library inbuilt into the software. Trainer having all the controls can enable and disable video, audio etc. for the remote Training session rooms.

As the software is capable of two way audio and video communication, Trainer can also listen to remote Trainee/Staff on speakers and visualize Trainee/Staff on his screen via projector.

Content management server

S Nos	Specifications	Compliance
1	A video content management platform: browser based platform for Mobile/Tablet/Laptop/Desktop	Yes
2	Solution should have different sections with different purposes such as videos, photos, channels, users, watch videos, sign up, and manage account, video manager and many other pages.	Yes
3	Solution Should have inbuilt transcoding functionality and system should do the transcoding as per the device profile (like web, mobile)	Yes
4	Solution should support High definition video conversion with out losing quality	Yes
5	shall support the creation, modification and deletion of templates to enable easy management of site and page layout and navigation	Yes
6	Solution should support more than two video player to help you easily transform your website into anything you like.	Yes
7	Solution should have website with built-in Ads Manager.	Yes
8	Solution should have modules help to properly guiding you about current status of your installed modules.	Yes
9	Solution should have video duration repairing	Yes



The solution should support YouTube Videos within the live Training session room

The virtual Training session room solution should enable attendees to raise their hands during the live Training session.

The Training session room should have the facility of Save to pdf option in the live Training session

Built in IVACS for Virtual Training session room

The learner should be able to contact the course instructor from the course overview page of the learning portal.

Solution should allow the flexibility providing a complete white labelled solution including Custom Vanity URL, Custom Logo & Banner, and Custom colour themes

Solution should enable instructor to create self-paced and instructor-led courses.

Solution should enable the instructor to add a Co-Instructor to both Self-Paced as well as scheduled courses.

The Admin role should be able to create courses/Training sessions and should have the facility of assigning these to any of the existing Instructors within the platform.

Solution should allow management of users in courses and Training sessions

A reporting tool to measure consumption of questioner/assignments/courses.

The solution should be capable of providing Custom SMTP (Simple mail transfer Protocol)

The solution should be capable of providing Custom Email Notification Templates for course/Training session invitations

Solution should be capable of providing customer branded (white labeled) mobile apps for Android and iOS based devices

When the Setup is being used as a Training Room:

The Trainer shall be present in the Studio with Trainee/Staff attending the Training session.

Trainer will log into the Virtual Training session room using the laptop or desktop.

The Trainer would deliver the lecture simultaneously to the Trainee/Staff who are physically present in same and remote Training session rooms.

The Trainee/Staff can see and listen to the Trainer and the same session is recorded automatically by enabling the recording icon on the Trainer screen.

The Trainer will be moving and will use the white board/smart board. He will use the lapel mic to speak..



Each Instructor/Co-instructor should get the ability to create their online content library for contents like videos and documents

Ability to upload different types of file formats viz. MS Word, MS PPT, MS Excel, PDF and videos in the dedicated on-premises content library

Ability to share Word Doc, PowerPoint, PDF and videos without having to share screen within the live session

Ability to add meta data (title, description, language) to each uploaded file

Proposed solution must be able to record all session content: video, audio, whiteboard and presentation.

Proposed Solution should support Admin controls of every single thing using a Graphical User Interface. Those controls include user registration, video size limits, comprehensive video manger, user manager, stats and much more.

Proposed solution must be able to record and playback High definition video and presentation, up to HD 720p or higher

Proposed solution must have a integrated content management portal that allows easy user access to all recordings

The management portal must support sort of the recordings by various parameters such as name and duration

Proposed solution should allow users to view recording only when they access web app via password

It must be possible to fast forward, rewind and skip video of recording during playback

Session Recording should be able to be streamed via HTML/HLS in Chrome/Firefox.

The Admin/Instructor must be allowed to save the recordings file on a local disk.

It should configurable, if a particular Training session requires the recording to start by default. It should be possible to configure this on as per Training session basis.

The solution should be capable of providing the Virtual Training session room interface in Hindi Language

In case of auto-recording of a Training session, it should be configurable whether the presenter should or should not have the permissions to pause and restart the recording.

A Training session recording should become automatically available after reviewer & publisher approval for web and mobile streaming within a certain duration of the Training session ending.

The Virtual Training session room Solution should be capable of supporting multilingual interfaces including English, Hindi and others as required.



Virtual Training session room should allow for multiple image formats like JPG, PNG, JPEG etc. to be uploaded and shared during the session

SCORM 1.0/1.1/1.2/2004/AICC Standard compliance required

Proposed solution should be web based (web app) and should be able to work in Google Chrome, Mozilla FireFox web browsers without any software downloads. It should support major operating systems like Windows, Mac and Linux.

The act of joining a session should require authentication by the user over OAuth2.0, or other standard SSOs if desired

The web app should support automatic NAT firewall traversal, ICE, STUN, TURN protocols for secure connectivity over internet. The media must traverse over encrypted SRTP (Secure RTP).

The proposed solution should be supported on Android smart phones and tablets via mobile apps

The web app and mobile apps must include a feature that enables participants to text chat while in session

The administrator must be able to provision a centralized directory of all registered users.

Proposed solution must support registered users access based on administrator privileges.

Proposed solution must support email notifications about session scheduling, session reminder, etc.

The management console must support personalized virtual Training session rooms. Access to virtual Training session rooms can be protected by username and password authentication so that before the Instructor/Co-instructor enters, participants are placed in a virtual waiting room.

The management application must provide the Virtual Training session room admin with the ability to limit the maximum number of participants

The management application must be able to support multi Training session room/multi-tenant architecture where users are registered per Training session/tenant

The virtual Training session room application must provide the ability to restrict or authorize the recording capabilities to a definite set of users

The virtual Training session room application must provide an intuitive web based UI to modify and adjust session invitation emails

Ability to create/delete new and bulk users through a excel/CSV file



Proposed solution must have intelligent built in capability for dynamic bandwidth, resolution matching to give each user an experience for his available bandwidth. In case, an endpoint is unable to support video + audio due to lack of bandwidth, the system should make that endpoint fallback to pure audio maintaining the continuity of the session.

Proposed solution should support automatic layout adjustment with different video sizes or no video at all. It should display names for each participant connected in the session

Proposed solution should be able to allow the hand raise for student to speak/clarify his question

Proposed solution should have web based scheduling interface to schedule live sessions

Proposed solution should allow additional registered constructor, with sufficient permissions, to schedule a session at any time

Proposed solution should support scheduled sessions and ad hoc session's mode at the same time

Proposed solution should have Instructor managed mute control for both audio & video

The switching of virtual Training session rooms by the user should be as easy as logging out from one and logging in into another session.

Recordings should be stored back in the content library automatically

Session Recording should be downloadable in mp4 format.

Must should support a multiple & minimum of 4 session layouts and presentation modes viz.

Video with Whiteboard/Content

Instructor/Co-instructor should have the ability to share desktop using screen sharing, access his or her Content Library, upload and share content from desktop, plot shapes like triangle, rectangle, cube, advanced Shapes like Flow charts, Chemistry etc. during the session

Proposed solution should be able to synchronize the Content in during the Live Video Training session within the Same browser so that all Trainee/Staff are on same page of topic

Instructor/Co-instructor should have the rights to remove the unwanted attendee from the live session

Co-Instructor should be able to play a video file, conduct a poll during the session

There should be a text tool inside the whiteboard



33	Should have Integrated Recording and Management.	Yes
34	Browser-based platform/application for Mobile/Tablet/Laptop/Desktop.	Yes
35	Adaptive Bit Rate: Should have an Adaptive Bit Rate to detect the user's bandwidth in real time and adjusts the video	Yes

Features and specifications of Virtual Training session Cum Meeting room

Virtual Meeting room set up with collaboration on video

The proposed solution should support H.264 AVC/H.264 SVC or VP 8 based video compression and it should support AAC or Opus audio codec for audio

Content sharing must be supported on the ubiquitous HTTPS/REST protocol

The proposed solution must support a shared virtual whiteboard, which updates its view for all attendees in real time

It should be possible for participants to share their local screens (or any specific applications running on their local machines) within the live Training session

The proposed solution must support a shared media player enabling the presenter or attendees to share any audio/video file (streamed directly from the on premises server)

The proposed solution must support the ability to view attendee/school list in the live Training session and provide the presenter with the ability to remotely control their audio/video streams.

The proposed solution must provide a way for connected attendees/schools to engage via Live Chat (Group & Private)

The solution must provide an attendance report including total number of sessions conducted, each attendees' login/logout time, absentees etc. The reports can be retrieved and downloaded as excel formats.

It should support minimum 300 or more attendees in a live session supporting two-way live interactive collaboration basis the available bandwidth with less than 300 milliseconds of latency for real time user experience.

The Proposed Solution should be completely on premises based and should support 720p live video stream with 30 fps or higher.

There should be minimum 1 TB on premises storage to be provided for the storage of recorded or live Videos and content

The Proposed solution should be able to connect any endpoint which is connected to the internet using IP v4 or IP v6.



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	and Students Video who is asking the Question.	
17	Video Integration has features- embedded:	Yes
18	Virtual Classroom setup at the trainer end should have the	Yes
19	Ability to view 16 Videos in Continuous Presence	Yes
20	Whiteboard where the presenter can write, draw, put up Presentations and share their thoughts visually	Yes
	Sharing PowerPoint Presentations and Other documents	Yes
21	Text Chat	Yes
22	Sharing of host's PC (desktop/ laptop) screen	Yes
23	Assign multiple instructors to a course or a session	Yes
24	All recordings needs to be saved on to a content management server and integrate with LMS user authentication to subscribe and view the Recordings by the authenticated users.	Yes
25	Web Based calendar and scheduling system of the course.	Yes
26	Automated Email and SMS notifications for the course calendar to the students, this includes integration with the Existing Gateway.	Yes
27	Solution should support 20 Such Live Classes of 25 Locations each at the same time right from day 1.	Yes
28	Users & Roles-Administration:	Yes
29	Pre-Defined User Roles- Role Based Access Control	Yes
30	LMS&VoD- feature requirement	Yes
31	Secured delivery and playback capability of the live and recorded content, with suitable encryption to prevent piracy and unauthorized access.	Yes
32	Solution must have capability to incorporate suitable educational content in the form of Audio-Visual presentations, interactive flash animations, SCORM based content loader, etc, which should be handled using the LMS being supplied.	Yes
	Should be capable of Live Streaming across portal's under the Government when required.	Yes



		technology.	
2		White Labeling of the complete solution in the name of the tendering authority or the name preferred by the tendering authority	Yes
3		Supports functional customization's	Yes
4		Should contain Highly scalable – registered user base on more than 500 user support right from day1 and upgradable upto 2000 users with multiple courses and student mapping management to the courses in Future.	Yes
5		Mass registration of students can be done by the admin by importing from an excel received from Colleges on a standard template supplied by ICT	Yes
6		Should integrate with LDAP/AD for user authentication.	Yes
7		Should contain Management and Administration of Online, Classroom based and Virtual training's.	Yes
8		SCORM 1.0/1.1/1.2/2004/AICC Standard compliance required.	Yes
9		Should have extensive reporting module based on custom requirement of END User.	Yes
10		Should be mobile Ready LMS for iOS and Android devices	Yes
11		Should work on LINUX, Windows and MAC Platforms	Yes
12		Offline course review capability for windows, Linux and MAC Platform for the students.	Yes
13		Full HD Video Conference Integration:	Yes
14		System integrator should take the necessary API's from Quoted Video Conference Software MCU and integrate it seamlessly within the Learning Management System.	Yes
15		Video Conference OEM from which API is taken should have at least One Installation of 500 Port VC/Licenses in One premium State/Central Govt used for Training purpose.	Yes
		Following Features should be customized for creating a Fully Interactive Live Classroom using the API's from Video Conference MCU	Yes
16		At students End it should be able to View Only Teachers Video	Yes



		Sites On Internet	
12	Voice activated Switching	Solution should support Voice activated Switching layout which can be enabled or disabled with Speaker in bigger video.	Yes
13	Audio Codec	Solution should have G.711, G.722 , G.723 / GIPS, OR equivalent Audio Codec for good quality Audio communication at lower bandwidth	Yes
14	Video Codec	Solution should have, H.264/H.264 SVC/ H.264VBR/H.264HP/H.264AVC /H.265 or VP8 better Video Codec for good video at lower bandwidth.	Yes
15	Security	System should be Fully Encrypted Video Conference Meetings to ensure encrypted data flows between endpoint & MCU.	Yes
16	Video Mixer/ Multiple camera connectivity	Solution should have capability to connect 2 cameras or more and one Visualizer for showing the document with or without any External Video mixer, in order to ensure all 3 Live Video feeds in all the locations for any Events or gatherings	Yes
17	Dual Display	The Solution should be capable to show presentation and multiple Videos in Dual Screens as well as Combined Screen.	Yes
18	Bandwidth	Video conference should be possible using data card (3G, 4G), broadband, leased line, broadband or any other form of connectivity.	Yes
19	Warranty	The whole package should come with 1 Year Warranty and Direct OEM Support	Yes
20	Redundancy	Solution should Support (1+1) redundancy at central location but can be supplied later.	Yes

a. Learning Management System

S.nos	Description	Remarks
1	Technology platform should be built on Latest MERN	Yes



		support 10 Concurrent Session of 10 Party Video Conference each in Full HD Resolution.	
5	Desktop & Mobile connectivity	Solution should support Windows Desktop/Laptop, Android, IOS devices right from day 1.	Yes
6	Recording	MCU appliance should have either inbuilt video recording capability or offer external Video Recording Server with the capacity to Record 1000 Hours right from Day 1 at Full HD Resolution. There should be multiple ways of recording. 1. Only the Host should be able to record of the complete Session. 2. Host should allow other users to record if required.	Yes
7	Data Collaboration	Solution should have capability to share whiteboard, Documents sharing, Desktop Sharing/Application Sharing/ Region Sharing with Annotations so that the presenter can highlight important points during the session using multiple annotations. The Presenter should be able to play Media File within the conference.	Yes
9	Lock Conference Room	Host should be able to lock the conference Room if necessary to avoid unwanted users from Entering the conference. The Host should be able to get a pop-up with Username who is trying to join the conference. He should be able to allow or refuse the user from entering the conference if required.	Yes
10	H.232 & H.239	The Solution should have capability to connect at least 1 Full High Definition IP Based H.323 Hardware Video Conference device in each room at HD Resolution. The Solution should also able to share data presentations using H.239 with H.323 user.	Yes
11	NAT/Firewall Traversal	It Must Support AES 128 Bit Encryption And Support NAT/Firewall Traversal To Connect	Yes



8	Interactive white boards	1
9	Hosting of IVCMS & LMS Server for one years	1
10	Warranty including O & M for 1 years	

4. Terms and Conditions

- 1) 90% advance along with the work / purchase order.
- 2) 10% on completion of Installation, Commissioning, testing and final acceptance.

5. SCHEDULE

All the components of IVCMS & LMS is a One Time Buy where entire Solution will be owned by AP RUSA right from day 1. However for 1 years Bidder will take the responsibility of Hosting the LMS and VC Solution in Tier1 Data Centre and will ensure 99.5% uptime. After 1years the entire IVCMS and LMS Solution Licenses and Servers/MCU should be handed over to AP RUSA and will be the property of AP RUSA. All the hardware will also have one year warranty.

IVCMS Infrastructure:

IVCMS infrastructure			
S.NO	Parameter	Specifications	Compliance
1	MCU	Solution should be Appliance/ Server based loaded with 100 port FHD MCU and upgradeable upto300 port FHD without changing hardware.	Yes
2	Video Resolution	Video Resolution should support 1080p 30/60fps in a synchronous mode from Day 1	Yes
3	Multi Session Rooms	Solution should be able to connect 100 locations at Full HD resolution (1080p) in a Single Video conference and apart from that at the same time Solution offered should	Yes



3. Commercial Proposal

Description

Price in INR Inclusive of
applicable GST/ taxes.

Setting up of Virtual & Digital Classroom with
Integrated LMS Equipment in a Podium

List of deliverables for setting up of Virtual Classrooms with integrated LMS equipment in a podium

S. N.	Item Description	Qty
Hardware Solution for IVMCS and ICT infrastructure		
1.	Supply, installation and Implementation of IVMCS Software Solution with servers & licenses -100 No's Host	1 Set for the project
2.	Learning Management System and Content Management System	1 Set for the project

List of deliverables for one class room in each college

3	High End PTZ camera for Student	1
4	High End PTZ camera for Professor	1
5	Podium for classroom along with Visualizer	1
6	Video codec	1
7	Projectors	1



2. Scope of Work

Scope of work includes setting up of 40 Virtual and Digital Classrooms with Integrated LMS Equipment in a Podium as part of RUSA project across 40 Colleges in Andhra Pradesh.

40 colleges with one classroom from each college across AP to implement Virtual Digital classrooms.

1. Each college will have one virtual classroom totalling to 40 Virtual classrooms.
2. Each classroom should be equipped with the following, one no.- Digital podium with all features & 4 speakers and one no. - 12x Camera for capturing professor, one no. - 10 x camera for capturing students and one no. - Visualizer all these video feeds along with capability to add one more media using video mixer should be an option. Solution should be interactive and it has to be two way communications from all classrooms. Each 40 classrooms should also be equipped with minimum three (3) input two cameras and visualizer that can be extended to 5 if needed from same solution or device.
3. Software should enable to contact from podium directly through different classrooms and LMS also needs to be integrated with the podium. Also content management server will also be part of this.
4. All software's including LMS and Virtual classrooms totalling be hosted in a data center for One year.
5. Each class room to be equipped with 85 inch interactive white board and projector.



- IT based education

2. INFORMATION TECHNOLOGY TELECOMMUNICATIONS

- Network Design
- Systems & Network Integration Engineering
- Information Strategy Planning Quality Control
- Enterprise-wide Applications Project Supervision
- Web based Applications Network Development
- Intranet / Extranet Applications Planning & Procurement
- Banking Applications Operation & Maintenance
- Data Warehousing Turnkey Project Implementation
- GIS Applications Training in Telecom fields
- Training Managerial Support
- e-Procurement Tele-Medicine
- e-Tendering Tele-Education

3. TCIL MANAGED SERVICES

TCIL had launched TCIL Managed Services to provide "Total Telecom and IT Solutions" to Enterprise Customers.

A host of IT & Telecom services are being made available as "TCIL Managed Services" including

- Managed Data enter Co-location Services.
- Managed Network Services.
- Managed Videoconferencing Services.
- Managed Compute-on-Demand.
- Managed Training Services
- Managed Project Management Services.
- Managed Messaging & Collaboration Services.

4. Others

- Financing strategies
- Investment Plan Studies
- Manufacturing Consultancy
- Human Resource Development
- Techno-economic feasibility studies



New Delhi – 110048

1. Company Profile:

Telecommunications Consultants India Limited (TCIL) was set up by the Ministry of Communications, Govt. of India, as a Public Limited Company in 1978 to render Consultancy services. TCIL is an IS/ISO9001:2015 and ISO/IEC 27001:2005 Certified, Government of India Enterprise under the administrative control of the Department of Telecommunications (DOT), Ministry of Communications and Information Technology. TCIL undertakes consultancy and turnkey projects for setting up of network infrastructure in the field of Telecom and IT using its vast expertise of design and development of solutions involving Telecom, IT, Networking, Software Application Systems and Technologies. Presently, TCIL is operating in more than 60 countries all over the world.

TCIL has emerged as a prime multi-disciplinary organization offering full range of services embracing design, engineering, preparation of sites, equipment specifications, arranging supply and delivery of the equipment and its installation, testing & commissioning. The company also undertakes operation & maintenance, and, technical & managerial training. TCIL also facilitates transfer of technology in all facets of the telecommunications and information technology. TCIL undertake turnkey jobs from concepts to completion in all fields of telecommunications and information technology in India and abroad.

A global venture – TCIL, is the premier multidisciplinary telecommunication organization offering Consultancy services and carrying out turnkey projects the world over.

TCIL provides appropriate technology at a competitive cost. Right from its inception, TCIL has achieved an impressive growth. Today TCIL's operations are spread over more than 60 countries of the Middle - East, South - East Asia, USA, Africa & Europe.

As a result of emerging liberalisation in the telecom sector in India during last few years, TCIL has prepared itself to accept the challenges to meet the market needs by introduction of state-of-the-art technologies in the Information Technology and Telecom.

RANGE OF SERVICES

From concept to completion – TCIL renders multi-faced services. The range of services offered by TCIL is very wide spread and includes:

1. EDUCATION SERVICES

- Digital Classrooms
- Smart Classrooms
- Computer labs for education
- Virtual Classrooms



Telecommunications Consultants India Limited
(A Government of India Enterprise)



TECHNO COMMERCIAL PROPOSAL
FOR
SETTING UP OF VIRTUAL & DIGITAL CLASSROOM WITH
INTEGRATED LMS EQUIPMENT IN A PODIUM
FOR
RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA)
GOVERNMENT OF ANDHRA PRADESH

Submitted By:
TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED
(A Government of India Enterprise)

3rd Floor, Room No. 304A,

TCIL Bhawan

Greater Kailash – I,



Interactive Whiteboard for Classrooms

Sr. No	Parameter	Specification	Compliance(Yes/No)
1	Touch Technology	Infrared Provides High Accuracy	Yes
2	Touch & Gestures	1. Non Rechargeable Pens.	Yes
		2. Finger Touch	Yes
		3. Third Party Objects	Yes
3	Board Surface	Cold Press Steel Surface, High Density Polyfoam Core & Steel Back	Yes
4	Physical Size	85" Diagonal	Yes
5	Active Area	82.3"	Yes
6	Display Ratio	4:3	Yes
7	Resolution	4096*4096	Yes
8	Multi Touch (4-6 Points)	Supports for Six Simultaneous Touches enables up to 6 Users to Interact with the Interactive White Board by using Pens or other objects	Yes
9	Coordinate Accuracy	<2mm	Yes
10	Cursor Speed	180d/s	Yes
11	Anti Ambient Light	Bright Light Source Such as Window with Exposure to direct Sunlight won't reduce the contrast ratio of the projected image	Yes
12	Quick Start Hot Keys	22 Shortcut Keys on Both Sides totalling upto 44 Keys. This enables to select a tool from these shortcut keys to click, write, erase & Son On	Yes
13	Systems Support	Windows 7/8/10, Linux Ubuntu 14.04/15.04, Android 4.0 & Up, Mac 10.5 & above Versions	Yes
14	Interface	USB 2.0/3.0	Yes



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15	Standard Accessories	USB Cable 5mt, 3 Pens, 1 Extended Pen, Earser, Application CD, Wall Mount Bracket & accessories, Quick Installation Pointer Guide	Yes
16	Power Supply	USB Power Supply	Yes
17	Voltage	DC 4.6V-5V	Yes
18	Power Consumption	< 1W (200mA @ 5V	Yes
19	Temperature		Yes
	Working Temp:	10 to 50 Degree Celcius	Yes
	Storage Temp:	-30 to 60 Degree Celcius	Yes
20	Humidity		Yes
	Working Humidity	10% to 90%	Yes
	Storage Humidity	0-95%	Yes
21	Packing Size	Double K & K Cartons (1258*1920*90mm)	Yes
22	Net Weight	22kG	Yes
23	Gross Weight	32KG	Yes

PROCEEDINGS OF THE Collegiate Education Dept CHILDREN HOME GAJAPATHINA

PRESENT :

Sanction No. **EHE03/2019/22462**

Dated :

Sub:- Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District – RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL DEGREE COLLEGE – Purchase **Digital Class rooms** equipment – Sanction of Rs. 8,80,651/- to TCIL, New Delhi – Orders issued- Regarding.

Read:-

1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 01.03.2019
3. Proposal for virtual and Digital class rooms with integrated L.M.S.in a Podium submitted by TCIL to the office of SPD.RUSA
4. Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/8 Dated : 21.03.2019.
5. TCIL/66/e-Gov/RUSA-AP/2019/02 Dt: 25.03.2019
6. Lr.No.114/SPD/RUSA / TSG/2019/3 Dated : 21.11.2019

ORDER :

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment 90% of Total cost ie; Rs.8,80,651/- (Rupees Eight Lakhs Eight Thousand Six Hundred and Fifty One only) Excluding TDS 2 % of an amount Rs. 16,903/- from actual price towards Digital Class Room equipment to Telecommunications Consultants India Limited , New Delhi.

The amount is now drawn shall be debatable under head of account.

Major Head : 8448 – DEPOSITS OF LACAL FUNDS
 Sub Major Head : 00 – NOT APPLICABLE
 Minor Head : 110 – EDUCATION FUNDS
 Group Sub Head : 15 – CENTRALLY SPONSORED SCHEMES
 Sub Head : 14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
 Detailed Head : 001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
 Sub Detailed Head : 002 – CASP FUNDS

DDO/HOA DETAILS		
DDO Code	Head of Account	Amount
22100304001	8448001101514001002VN	880651.00

ITEM DETAILS					
Material	Uom	Rate	Quantity	Total Amount	Beneficiary Name
164	NOS	880651.00	1.000	880651.00	

INVOICE/AUTHORIZATION DETAILS				
Beneficiary	Invoice No.	Invoice Date	Amount	Beneficiary Name
1001503824	8	21.03.2019	880651.00	TELECOMMUNICA TION CONSULTANTS INDIA

PAYOUT SCHEDULE DETAILS		
Year	Month	Amount
2019	11	880651.00

COPY TO :

Copy to State Project Director,RUSA,A.P.

Copy to the Special Commissioner of Collegiate Education, A.P., for favor of information.

Copy to the file

//FORWARDED::BY ORDER//

SANCTION OFFICER

ANNEXURE

Organization Unit: Collegiate Education Dept

Sanction No. EHE03/2019/22462

Dated :

Vendor Details

Vendor	Name	PAN	Adhaar Number	Bank Key	Bank A/c No.	Gross Amount	Deductions	Net Amount
1001503824	TELECOMMUNICATION CONSULTANTS	AAACT0061H	0000000000000	ICIC00000007	000705005880	880,651	0	880,651

**GOVT. OF ANDHRA PRADESH
STATE PROJECT DIRECTORATE, RUSA
VIJAYAWADA**

Lr.No. 114/SPD/RUSA/TSG/2019/3 dt: 21.11.2019

**To,
The principals of GDC, Paderu and GDC, Salur**

Sub: Instructions for release of 90% advance payment of Virtual and Digital Classrooms with integrated LMS(Learning Management System) in a podium to TCIL (Telecommunications Consultants India Limited)- Reg ..

**Ref: 1) Minutes of Meeting of SHEC-03 held on 18/12/2018
 2) Minutes of Expert Committee Meeting held on 01/03/2019
 3) Proposal for Virtual and Digital classrooms with integrated LMS
 in a podium submitted by TCIL to the O/o SPD, RUSA
 4) Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/8 Dated
 21/03/2019
 5) TCIL/66/e-Gov/RUSA-AP/2019/02 Dated:25/03/2019**

With reference cited (1) it is resolved in the SHEC-03 meeting that equipment should procure in centralised manner by duly constituting an expert committee to decide the equipments. In this connection an expert committee meeting was held on 01.03.2019 and resolved to procure the following items through TCIL (Telecommunications Consultants India Limited) under RUSA equipment head.

- 1 Digital cum Virtual Class Rooms with Integrated LMS (Learning Management Systems)**
- 2. RUSA lab with 30 Desktops, 1 Projector, Interactive whiteboard with network etc.**
- 3. E campus Management**

In this connection purchase order was given to TCIL for procurement of 40 virtual and digital classrooms with integrated LMS in a podium for 40 colleges @1 classroom each. Cost for each classroom is Rs.9,97,282.63/- (Nine lakhs Ninety seven thousand two hundred eighty two rupees and sixty three paise only) including GST. As per the payment terms of purchase order institutes needs to pay 90% of total cost of equipment as advance to TCIL and remaining 10% can be paid after delivery of equipment, installation and compliance report from the principal to o/o SPD RUSA.

In this connection SPD, RUSA Andhra Pradesh has given instructions to the Principals of the above listed colleges to release the 90% of equipment cost i.e. Rs.8,97,554.36/- (Eight lakhs ninety seven thousand five hundred fifty four rupees and thirty six paise only) to TCIL through online payment. The account details of TCIL is provided below.

**Beneficiary's Name: Telecommunications Consultants India Limited
Account No. : 000705005880
Bank Details: ICICI BANK LIMITED
IFSC Code of Bank: ICIC0000007
MICR Code of Bank: 110229002**

**PAN Number: AAAC0061H
TIN/TAN Number: DELT00102E**

For your ready reference we herewith sending the following documents

Proposal for Virtual and Digital Classrooms with integrated LMS in a podium submitted by TCIL
Purchase order copy

Details of Items to be delivered will be informed to institutions in one or two day's time.

It is further requested the college to update the Fund Tracker portal with Virtual classroom details.

Manisha
12/11/19
For **STATE PROJECT DIRECTOR, RUSA**
ANDHRA PRADESH: VIJAYAWADA

State Project Director
Rashmi Unnathi Chakrabarti, IAS (RUSA)
Higher Education Department
Government of Andhra Pradesh

End:

Proposal for Virtual and Digital Classrooms with integrated LMS in a podium submitted by TCIL
Purchase order copy



टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprise)

आई एस / आई एस ओ
IS/ISO 9001-2000



प्रभाग
DIVISION

टी. सी. आई. एल. भवन, ग्रेटर कैलाश-I,
नई दिल्ली-110048

TCIL Bhawan, Greater Kailash - I,
New Delhi-110 048

Price Proposal for Setting up of Virtual and Digital Class room with Integrated LMS equipment in a Podium for
40 Colleges under RUSA - AP

S No	Description	Qty (In No's) (a)	Unit Price (In INR) (b)	GST Rate (In Percentage)	GST Amount (In INR) (c)	Total Unit Price (d =b+c)	Total Amount (In INR) (e=axd)
1	Setting up of Virtual & Digital Classroom with Integrated LMS Equipment in a Podium	40	845154.8	18%	152128	997282.61	39891304.2



[Signature]
26/3/19

S. R. ANSARI
DGM(e-Gov)

राष्ट्रीय : National : टेलीफोन : Telephone : 011-26202020 फैक्स : Fax : 011-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com
अंतरराष्ट्रीय : International : टेलीफोन : Telephone : +91-11-26202020 फैक्स : Fax : +91-11-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com
हम पढ़ें सभी भाषाओं को, अपनी हिंदी का मान करें, सम्मान बढ़ाएं भारत का, आओ हिंदी में काम करें ।

S. No	Item Description	Make	Model
AT CENTRAL LOCATION			
1	Supply, installation and Implementation of IVMCS Software Solution with servers & licenses -100 No's Host	Peoplelink	Fx series
2	Learning Management System	Peoplelink	Accumen
3	Content Management System	Peoplelink	Instaview
AT EACH COLLEGES			
4	High End PTZ camera for Student	Peoplelink	Icam HD 1080 10 x
5	High End PTZ camera for Professor	Peoplelink	Icam HD 1080 12 x
6	Podium for classroom	Peoplelink	e podium Elite
7	visualizer	Peoplelink	ivision
8	Video codec	Peoplelink	peoplelink FHD codec
9	Projectors	Epson	EB-X05
10	Interactive White Boards	Ingress Smart Board	FX-85



[Handwritten Signature]
26/03/18

S. R. Ansari

Dy. G.M (e-GW)

RUSA COMPUTER LAB FILE

RUSA 2.0

GDC SALUR



टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprise)

आई एस / आई एस ओ
IS/ISO 9001-2008



प्रभाग
DIVISION

टी. सी. आई. एल. भवन, ग्रेटर कैलाश-I,
नई दिल्ली-110048

TCIL Bhawan, Greater Kailash - I,
New Delhi-110 048

CIN : U74999DL1978GOI008911

TCIL/66/e-Gov/2019/ RUSA-AP_Digital Lab /01

Dated: 03/05/2019

To,
Kunapareddi Hariprasad, IIS,
State Project Director-RUSA,
Government of Andhra Pradesh,
5th Floor, SSC Building,
Opp. Andhra Hospitals,
Gollapudi, Vijayawada,
Andhra Pradesh-521125.

Ref: 1. Your letter no. 47/SPD/RUSA 2.0/Equipment/TCIL/2019/02 dt. 07/03/2019 for request to send a proposal for Digital Lab Equipment.
2. Your email dated 03/05/2019 regarding submission of proposal.

Subject: TCIL Techno-commercial Proposal for Implementation of Digital Labs for RUSA-AP.

Dear Sir,

This has reference to your letter and email mentioned at S.No. 1 & 2.

Please find attached our techno-commercial proposal for Implementation of Digital Labs in 40 colleges located in the State of Andhra Pradesh.

We would highly appreciate if it can be considered for further process.

We assure you the best quality and services and looking forward for your support.

With due regards.

For Telecommunications Consultants India Ltd.

Rajesh
(Rajesh Singh)

General Manager (e-Gov)

Email: rajesh.singh@tcil-india.com

Mob: 9868393757

Tel: 011-26202374





Telecommunications Consultants India Limited
(A Government of India Enterprise)



TCIL Techno-commercial
For
Proposal for Implementation of Digital Labs

Submitted to:

State Project Director-RUSA
Government of Andhra Pradesh

Submitted By:

TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED
(A Government of India Enterprise)

3rd Floor, Room No. 304A, TCIL Bhawan Greater Kailash – I, New Delhi - 110048





1. Organization Profile of TCIL

Telecommunications Consultants India Limited (TCIL) was set up by the Ministry of Communications, Govt. of India, as a Public Limited Company in 1978 to render Consultancy services. TCIL is an IS/ISO9001:2008 and ISO/IEC 27001:2005 Certified, Government of India Enterprise under the administrative control of the Department of Telecommunications (DOT), Ministry of Communications and Information Technology. TCIL undertakes consultancy and turnkey projects for setting up of network infrastructure in the field of Telecom and IT using its vast expertise of design and development of solutions involving Telecom, IT, Networking, Software Application Systems and Technologies. Presently, TCIL is operating in more than 60 countries all over the world.

TCIL has emerged as a prime multi-disciplinary organization offering full range of services embracing design, engineering, preparation of sites, equipment specifications, arranging supply and delivery of the equipment and its installation, testing & commissioning. The company also undertakes operation & maintenance, and, technical & managerial training. TCIL also facilitates transfer of technology in all facets of the telecommunications and information technology. TCIL undertake turnkey jobs from concepts to completion in all fields of telecommunications and information technology in India and abroad.

A global venture – TCIL, is the premier multidisciplinary telecommunication organization offering Consultancy services and carrying out turnkey projects the world over.

TCIL provides appropriate technology at a competitive cost. Right from its inception, TCIL has achieved an impressive growth. Today TCIL's operations are spread over more than 60 countries of the Middle - East, South - East Asia, USA, Africa & Europe.

As a result of emerging liberalisation in the telecom sector in India during last few years, TCIL has prepared itself to accept the challenges to meet the market needs by introduction of state-of-the-art technologies in the Information Technology and Telecom.

RANGE OF SERVICES

From concept to completion – TCIL renders multi-faced services. The range of services offered by TCIL is very wide spread and includes:

1. EDUCATION SERVICES

- Digital Classrooms
- Smart Classrooms
- Computer labs for education





- Virtual Classrooms
- IT based education

2. INFORMATION TECHNOLOGY TELECOMMUNICATIONS

- Network Design
- Systems & Network Integration Engineering
- Information Strategy Planning Quality Control
- Enterprise-wide Applications Project Supervision
- Web based Applications Network Development
- Intranet / Extranet Applications Planning & Procurement
- Banking Applications Operation & Maintenance
- Data Warehousing Turnkey Project Implementation
- GIS Applications Training in Telecom fields
- Training Managerial Support
- e-Procurement Tele-Medicine
- e-Tendering Tele-Education

3. TCIL MANAGED SERVICES

TCIL had launched TCIL Managed Services to provide “Total Telecom and IT Solutions” to Enterprise Customers.

A host of IT & Telecom services are being made available as “TCIL Managed Services” including

- Managed Datacenter Co-location Services.
- Managed Network Services.
- Managed Videoconferencing Services.
- Managed Compute-on-Demand.
- Managed Training Services
- Managed Project Management Services.
- Managed Messaging & Collaboration Services.

4. Others

- Financing strategies
- Investment Plan Studies
- Manufacturing Consultancy
- Human Resource Development
- Techno-economic feasibility studies





TCIL SUBSIDIARIES/JOINT VENTURES

TCIL has entered into several joint ventures for providing various services including manufacture of telephone cables, software and services in India & Abroad. These are:

1. INTELLIGENT COMMUNICATION SYSTEMS INDIA LTD., is a joint venture of Telecommunication Consultants India Ltd. (TCIL), a Govt. of India enterprise, under ministry of communications & IT and Delhi State Industrial and Infrastructure Development Corporation (DSIIDC), an undertaking of Delhi government. ICSIL is IS/ISO 9001:2008 certified Company.

ICSIL is executing a number of IT projects including hardware supplies to various Departments of Delhi and Central Government. ICSIL is also executing a prestigious Delhi Govt. e-Governance Project viz. "JEEVAN CITIZEN SERVICE CENTRES". The Company is engaged in multiple activities like Supply and Maintenance of Computer and its peripherals, Networking, Software Development, Security Product, Supply of IT Professionals and Implementation of various Telecom and IT projects on Turnkey basis. ICSIL focuses on IT training, BTS Training & Installation, Trading of Telecom & other equipments, External Plant Network, E-governance Solutions etc.

2. Tamilnadu Telecommunications Ltd. (TTL) is a public limited company promoted by TCIL and Tamilnadu Industrial Development Corporation Ltd (TIDCO). Established in the year 1988 for manufacture of Telecom Cable. Other Technical Collaborator and Equity Partner is M/s Fujikura of Japan.

3. TBL International Ltd. (TBL) is a joint venture of Telecommunications Consultants India Limited, (TCIL) and BellSouth International (BSI), USA. TBL was incorporated in 1989 and at present, TBL India LLC is holding 40% and DSS Enterprises is holding 15.1% shares in the Company. TCIL has invested a sum of Rs.8.37 Million which is 44.9% of its equity capital. The major projects executed by TBL include Pan African e-Network Tele Medicine Project and also Telecom Software Projects.

4. Bharti Hexacom Ltd. (BHL) - In BHL, at present TCIL and Bharti Airtel Limited (BAL) are holding shares in the ratio of 30:70. The year 2011-12 has been another exceptional year for the Company and the Company with the steady growth set a new record in terms of performance. The Turnover of the Company increased to Rs.34304 Million and registered all time high Profit after Tax have increased from Rs. 5075 Million to Rs.6018Million during the year 2011-12. As on March 31st 2012, the company had 16,700,762customers consisting of 16,666,505 in mobile service and 34,257 in broadband &telephone services.





5. **United Telecommunications Ltd. (UTL)** - UTL is a Joint Venture Company of TCIL, MTNL, Tata Communications Ltd. and a local partner viz. Nepal Ventures Pvt. Ltd. The Company provides basic mobile, NLD, ILD and Data Services in Nepal. The Company is in operation since 2001 with initial offering of WLL based basic Telecom Services in Nepal. During the year ending December 31, 2011, the Company achieved a Turnover of Rs. 731 Million and registered a Profit after Tax of Rs. 59.5 Million. The Company has subscriber base of 6.57 Lakhs. UTL is also having Data Subscribers of about 68,000 and 1000 PCOs.

6. **TCIL Saudi Company Ltd. (TSCL)** - TCIL is holding 40% equity and M/s NESMA Group is holding 60% equity in TSCL. The Company was established in the year 1993 to undertake the various Telecom Projects in Saudi Arabia. In the month of July, 2012, Govt. of India approved the proposal of TCIL's acquisition of 60% of shares from NESMA Group. The acquisition of shares by TCIL from NESMA Group is in progress.

FINANCIAL STRENGTH OF TCIL		
S. No.	Financial Year	Total Annual Turnover (INR)
1.	2015-2016	1358 Crore
2.	2016-2017	1205 Crore
3.	2017-2018	1260 Crore

List of Projects Awarded on nomination basis to TCIL

- Agreement between Directorate of Education, Govt. of NCT of Delhi and TCIL for implement of computer education and computer aided education in 1110 govt./govt. aided schools
- Agreement between Orissa Computer Application Center (OCAC) & TCIL for consultancy for connectivity of Horizontal Offices under Orissa State wide Area Network(OSWAN) Project
- Agreement between Uttar Pradesh Development Systems Corporate Ltd. (UPDESCo) and TCIL for implementation of 1500 intermediate colleges
- Agreement between organizing committee for Commonwealth Games Delhi 2010 & TCIL for Telecom, IT and Networking Projects for Commonwealth games Delhi 2010
- Work order from Tripura State Computerization Agency to TCIL for Implementation and operation & maintenance of "Extension of Agartala City Area Network Project (E-CAN)"





- Agreement for Consultancy services between IT & C Department, Govt of Andhra Pradesh & TCIL for establishment for Andhra Pradesh State Area Wide Network (APSWAN)
- Agreement between Uttar Pradesh Development Systems Corporate Ltd. (UPDESCo) and TCIL for implementation of Uttar Pradesh State Area Wide Network (UPSWAN) for Govt. of UP (GoUP)
- MoU between Jharkhand Police and TCIL for consultancy services for implementation of project on modernization of communication system and building up of IT infrastructure of Jharkhand Police, Ranchi
- Agreement between Govt. of Jharkhand, IT Department and TCIL for implementation of Jharkhand State Information and Communication Network (JharNet)
- Information Technology & Science City Division, Govt. of Gujarat to TCIL for providing consultancy services to implement Sachiwalaya Integrated Communication Network and Gujarat Wide Area Network (GSWAN), was also appointed as TPA for GSWAN
- Implementation of 700 smart classrooms under Ministry of Minority welfare department U.P.
- Setting up of virtual and digital classroom with integrated LMS equipment in a podium for RUSA – AP

The brief of some major projects executing / has executed by TCIL:

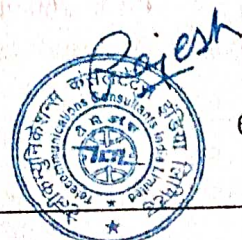
1. Consultancy Services for Modernization of Communication Network of Jharkhand Police, India

The key modules of the network are:

- Radio Communication System
- State wide Voice and Data Network
- Automatic Vehicle / Backpack Tracking System
- GSM interceptor

The scope of the work include

- Design of network
- Preparation of the tender document
- Assistance in selection of vendor
- Preparation of agreement
- Project management including supervision of installation and commissioning.





2. **Consultancy services for implementation of common secured network/integrated communication network including TETRA for Commonwealth Games 2010 for Govt. of Delhi.** This project was a very prestigious project of Govt. of Delhi with a focus to provide secured, reliable and effective communication for the management of commonwealth Games. TCIL was to study the requirement of the state, prepare RFP document for selection of vendor and oversee the successful implementation of the project and operation and maintenance during the games and later on. The objective of project was to provide seamless and efficient communication at the Games venues, stadiums; commonwealth games village etc through state of the art IP based communications systems like Tetra. This was a time bound project and TCIL interacted with agencies like WPC, TEC for allocation of spectrum and with various vendors for technical discussion and for implementation of the project.

3. **Consultancy Services for the preparation of an Information Plan (IP) for Crime Occurrence Tracking System (COTS), Mauritius Police**

TCIL successfully completed consultancy services of an IP for COTS for Mauritius Police Force (MPF) project in Mauritius, first of its kind, on 12th Sept.2005.

The purpose of this project was to examine the current flow of activities of the MPF and to investigate the areas linked to Crime Occurrence Tracking that will benefit from computerisation. The IP was aimed at streamlining processes and recommending appropriate Information & Communication Technologies (ICT) solutions in terms of suitable hardware as well as application, system software and communication facilities for a more effective and efficient tracking of crime occurrences in the country.

4. **e-Governance Projects-** TCIL has been actively involved in consultancy services for implementation of Mission Mode Projects under the National e-Governance Plan (NeGP) of Govt. of India especially in the field of Crime & Criminal Tracking and Network System for Andhra Pradesh Police Department and e-Municipalities for Govt. of Assam.

TCIL has been appointed as State Project management unit (SPMU) for Crime and Criminal Tracking Networking System (CCTNS) project at the state of Chhattisgarh, Himachal Pradesh, Jammu & Kashmir, Jharkhand and Meghalaya.

TCIL has also been awarded with water utility billing system for Municipal Corporation Greater Mumbai (MCGM).

5. **PAN African e-Network Project:** 48 member countries of the African Union had signed the agreement with TCIL to provide Tele-Education, Tele-Medicine services from Indian

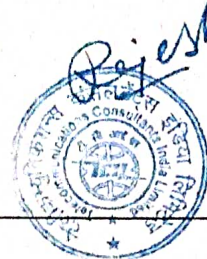




institutions to the African countries and VVIP connectivity for video conferencing and VoIP services among the Heads of the States for a period of five years. Satellite Hub Earth station at Senegal was commissioned and made operational in April 2008 in the building constructed by TCIL. The Data Centre at TCIL Bhawan, New Delhi has also been commissioned and connected with the Hub Station with 4 Mbps IPLC link. The network has been established with Learning Centre (LC), Patient End Location (PEL) and VVIP nodes in 47 African Countries namely:

Benin, Botswana, Burundi, Burkina Faso, Cameroon, Cape Verde, Central African Republic (CAR), Chad, Comoros, Cote d'Ivoire, Djibouti, D.R. Congo, Egypt, Eritrea, Ethiopia, Gabon, The Gambia, Ghana, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Nigeria, Niger, Republic of Congo, Republic of Guinea, Rwanda, Sao Tome & Principe, Senegal, Seychelles, Sierra Leone, Somalia, Sudan, Swaziland, Tanzania, Togo, Uganda, Zambia and Zimbabwe.

6. **Consultancy Services for National Optical Fibre Network (NOFN):** TCIL had been appointed as Consultant for National Optical Fibre Network (NOFN) Project for extending of connectivity to all Gram Panchayats in the country. The scope of work included formulation of a basic report on the project covering technological options feasibility, network architecture, network operation, implementation planning, inter-connection and interoperability issues in a multi-operator scenario. The report had been submitted to USOF.
7. **Consultancy for setting up & operation of "UDYAMI Helpline" Call Centres for Ministry of Micro, Small & Medium Enterprises (MSME), Government of India:** TCIL has been retained as Consultant by the Ministry of Micro, Small and Medium Enterprises (MSME), Government of India, for examining various technological options, modalities, issues, procedures, cost estimates as well as Implementation and monitoring of the operation of 'Udyami Helpline' on regular basis. Udyami Helpline, a national-level call centre, has been setup by Ministry of MSME to provide information to the MSME sector on the single-window concept.
8. **Implementation of computer aided education in 1500 schools of U.P under ICT scheme on BOOT basis:** TCIL has awarded a prestigious project for "Implementation of Computer aided education in 1500 schools of U.P under ICT scheme on BOOT basis" by Director of Secondary Education, UP. The project has been successfully commissioned in all the schools and is under operation phase.





9. **Project Management Consultant for SASEC Information Highway Project in Bhutan and Nepal:** TCIL has been awarded ADB funded International Consultancy Project for South Asia Sub-Regional Economic Cooperation (SASEC) Information Highway Project in Bhutan and Nepal. The project involves providing Consultancy to MOIC, Royal Government of Bhutan and MOIC, Nepal for deployment of the SASEC Regional Network and Village Network. The consultancy services included survey, network design, development of basic & detailed technical specifications, submission of detailed project report, preparation of bid document, tendering through MOIC, evaluation & award of contracts, supervision of installation and commissioning of village network and regional network.

10. **National Internet Backbone Phase-II Project for Bharat Sanchar Nigam Ltd.:** Project comprises setting-up Data Centres in four cities viz. Bangalore, Delhi, Mumbai and Pune (Disaster recovery) with various components such as Messaging and Storage Service Platform, Operation Support System (OSS) & Billing, Security System and Enterprise Management System. The total project value was Rs. 2140 Million. The scope of work also included implementation of components like Mediation and Billing (Pre-paid and post-paid), Security, Other Management Systems. The components in this project have been commissioned and operating successfully.

As the subscriber base increased, BSNL had awarded add-on order for expansion of NIB Project from initial 3.2 Million customer base to 5 Million customer base and its integration with the Multiple Project. The total value of this project is Rs. 1630 Million. This has also been completed. Further, capacity expansion from 5 million to 10 million customer base has also been awarded for a value of Rs 1288 Million and the same is under execution.

11. **Rajiv Gandhi Grameen Vidyuti karan Yojana (RGGVY Project):** Government of India had launched the scheme of Rajiv Gandhi Grameen Vidyuti karan Yojana (RGGVY) for rural electricity infrastructure & household electrification on 4th April 2005. TCIL has been awarded the work of project monitoring and supervision of RGGVY works by the following Discoms/ State Electricity Boards:

- Uttar Haryana Bijli Vitran Nigam (UHBVN)
- Jharkhand State Electricity Board (JSEB)
- Department of Power, Government of Arunachal Pradesh
- Central Power Distribution Company of Andhra Pradesh Limited
- Power & Electricity Department, Government of Mizoram





12. **Implementation of Online admission process of CIPET for diploma programs for the academic year 2018-19.**(Portal for online registration of candidates, online receipt of fees, integration with payment gateways, transfer of receipt of fees to the end client account, online verification of documents uploaded during registration, generation of hall tickets and its publication & distribution, booking of examination halls with requisite IT & Non IT infrastructure, creation of question paper with consultation of CIPET, publication of sample/ mock test, conduction of examination including provision of various types of resources (security guards, invigilators, center in-charges etc.), evaluation, generation of result, publication of merit list, storage of audit trail of all activity, submission of audit trail of all activity to CIPET.)





2. PROPOSED SOLUTION

The standard set-up shall have 30 desktops for self-learning mode for students including projector and IR interactive device for a Teacher-led delivery.

The set-up shall include electrical and LAN cabling along with the required switches and rack for the same.

The Desktops shall have windows 10 as a platform along with antivirus.

The project shall include installation along with a operations and maintenance for 3 year with warranty.

3. LIST OF DELIVERABLES

The per class lab set-up shall be having the following Bill of Material.

S.No.	Items	Quantity	Make
1	Desktop	30	HP/Acer
2	Short Throw Projector	1	Optoma/Benq
3	Ceramic White Board	1	NA
4	UPS 8 KVA	1	BPE
5	24 Port Switch	2	D-Link
6	IR device	1	Cybernetyx
7	LAN cabling	Lum sum	NA
8	Electrical cabling	Lum sum	NA
9	Anti Virus	1	Unistall
10	9U Rack wall mount	1	Deliyod Infotech

Rajesh



4. SPECIFICATIONS OF THE PROPOSED SOLUTION

1. Desktop : Make: HP/Acer

S.NO	Description	Specifications
1	Processor:	Intel Core i3
2	Memory:	4GB
3	Hard Disk Drive:	1TB
4	Display	19"
5	Key Board	Keyboard
6	Mouse	Mouse
7	Operating System	Win 10
8	Wi Fi	Enabled

2. Short Throw Projector: Make:: Optoma/Benq

Components	Specifications
Technology	DLP
Throw ratio	0.69 or better
Projector type	Short throw
Brightness	3000 ANSI Lumens
Contrast Ratio with Super Eco Mode	20000:1 or more/better
Resolution	1024X768 XGA resolution or better
Dust resistant design	Yes
Dust proof technology	Yes
Lamp life	15000 hours or more
Aspect ratio	4:3 or 16.9 or 16.10
HDMI and VGA terminal	Yes (with at-least 1 USB)
IP5x certified	Yes
VGA Cable	As required for installation

3. Ceramic White board - 12 X 10 Ceramic White Board.

Rajesh



4. 8 KVA Online UPS: Make: BPE

Capacity (KVA)	08 KVA
INPUT	
Voltage Range	Voltage Range
Frequency Range (Hz)	50Hz \pm 10%
OUTPUT	
Power Factor	0.8 (Standard), 0.9 (Optional)
Voltage (V)	220V / 230V / 240V \pm 1% (L+N+PE)
Frequency (Hz)	50Hz \pm 0.1%
Waveform	Pure Sine Wave
THDv	< 3% on Linear Load.
Efficiency	Up to 93%
Overload	\leq 125% for 10 Min, \geq 125% for 60 Sec, 150% for 1 Sec.
Isolation Transformer	Inbuilt Isolation Transformer
BATTERY	
Charging Current (Max)	192V DC (168V and 180V DC Optional)
Charging Time	1A ~ 10A Standard (High Rating Optional)
SYSTEM FEATURES	< 10 Hrs. to 95%
Display	
LCD	Input and Output Voltage, Input and Output Frequency, Load & Battery %
LED	Mains, AC Mode, DC Mode, Low Battery and Overload
Alarm	Battery Low Voltage, Abnormal Power Supply, UPS Failure, Overload
Protection	Battery Low Voltage, Overload, Short Circuit and Over/Voltage
STANDARD	
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, BIS, RoHS
Safety	IEC/EN62040-1
EMC / Protection	IEC/EN62040-2; IEC/EN62040-3, Complying to CE





5. 24 Port Gigabit Fast Ethernet Web Managed L2 Switch: Make: D-Link

	Specifications
	Hardware Capabilities:
1	Switch Should have minimum 24 10/100/1000BASE-T ports, 4 -Port 10 Gigabit SFP+.
2	Switch shall have 24 Nos. 10Base-T/100Base-Tx/1000Base-T auto-sensing, Auto-MDIX ports complying to IEEE 802.3, IEEE 802.3u, IEEE 802.3ab standard, supporting half duplex mode, full duplex mode and auto negotiation on each port to optimize bandwidth. The hardware of all these ports should be complete in all respect.
3	Switch should support IEEE Standards of Ethernet: 802.3, 802.3u, 802.3ab, 802.3z, 1000BASE-T, 1000BASE-SX, 1000BASE-LX/LH, 1000Base-ZX, 10G BaseSR, LR, LRM
4	Switch shall have minimum of 128 Gbps forwarding bandwidth at layer 2 switching fabric and minimum 95 Million packets (64 Byte packet) per second forwarding rate.
5	Switch shall have Single IP Management Up to 32 units per Virtual Stack
6	The switch should have console port for out of band management and support 6 kV surge protection, protecting the switch from power surges due to lightning strikes or faulty electrical cabling.
7	The switch should have intelligent fans with sensor that provides different fan speed based on different temperature .
8	The switch should have support for redundant power supply.
9	Functional Requirements:
10	Switch shall support Link Aggregation Control Protocol (LACP) as per IEEE 802.3ad.
11	Switch shall support 802. 1Q VLAN on all ports with support for minimum 4k static VLANs groups and 255 dynamic VLANs groups.
12	The switch support ITU-T G.8032 Ethernet Ring Protection Switching (ERPS), which allows 50 millisecond failover in the event of a failure of one of the rings, minimizing service disruption.
13	Switch shall support IEEE 802.1Q VLAN tagging on all ports.
14	Switch shall support minimum 16K MAC Addresses table size .
15	Switch shall support Jumbo frames up to 9216 Bytes
16	Switch shall support self learning of active unicast & multicast MAC addresses and associated VLANs.
17	Switch shall support "Port Mirroring" functionality for measurements using a network analyzer.
18	Switch shall support IGMP snooping V-1, 2 & 3, FTP & TFTP and NTP / SNTP for synchronization of date and time from central NTP Server.
19	Security Features
20	Switch shall support per port broadcast, multicast and unicast storm control to prevent degradation of overall system performance occurred due to faulty end stations.
21	Switch shall support Port as well as VLAN based Filters / ACLs.





22	Switch shall support per port IP-MAC-Port Binding
23	L3 Features
24	Switch shall support 64 static routing entries for IPv4, 32 entries for IPv6.
25	Switch shall support DHCP Auto-Configuration, DHCP Relay Option 60; 61, 82.
26	Switch shall support 802.3ah Ethernet Link OAM, Cable Diagnostics, Connectivity Fault Management (CFM).
27	Management Features
28	Switch shall support IPv6 MLDv1 & v2 Snooping, IPv6 Host support (- IPv6 support: Addressing; IPv6: ICMPv6, TCP/UDP over IPv6; Applications: Ping/Traceroute/TY/SSH/TFTP, SNMP for IPv6 objects), HTTP and HTTP(s) over IPv6, Syslog over IPv6) from Day 1.
29	Switch shall have full-featured console port providing complete control of the switch with a familiar command-line interface (CLI).
30	Switch shall be SNMP manageable with support for SNMP Version 1, 2 and 3.
31	Switch shall support Multiple privilege levels to provide different levels of access on console port and telnet sessions.
32	Switch shall support following in the user level of access i.e. the user with minimum privileges:
33	i) Display of Input and Output error statistics on all interfaces.
34	ii) Display of Input and Output data rate statistics on all interfaces.
35	iii) Display of Dynamic ARP table.
36	iv) Display of MAC Address table.
37	Certification: FCC Class A, CE Class A, VCCI Class A, IC, C-Tick, CB, cUL, LVD
38	Manufacturer Criteria
39	To ensure best product are quoted through reputed OEM's to ensure best quality & service support, OEM should be registered on NSE and BSE and should be available in India from last 30 Years.
40	ISO 9001:2008 Certification for Quality Management System.
41	ISO 14001:2004 Certification for Environmental Management System
42	OEM should be in Gartner Wired & Wireless Access LAN Magic Quadrant from last 3 years (Documentary report to be submitted)
43	OEM Should have minimum 10 own Service Center in India and must have toll free number for immediate support.
44	OEM should have Indian based operation at least for a period of 20 years and should have an Annual Turnover of Rs. 500 Crores and above in any of last three consecutive Audited Financial years





6. IR DEVICE : Make: Cybernetyx

Specification	
Particulars	Specifications
Interactive Device with white board	Portable & surface independent interactive device with Ceramic Steel Matte Finished surface whiteboard for writing and projection E3 /JFE Standard 6 X 4 feet size . The Interactive device should create Up to 82" diagonal interactive area using IR/Optical tracking technology with 150 touch point support. The distance between the Interactive device and whiteboard shouldn't more than 25 cm.
Interactive Device Features	
Real time interaction and writing speed without any time lag . Tracking speed: 195 Mn dots / sec or better	
Should be enabled with Functional and precise auto-calibration as well as manual calibration features.	
Should be able to cut-off any stray light disturbance on the interactivity with Dual Band Pass filter: 830nm +/- 20 or better	
can use a 4:3, 16:9, or any other aspect ratio as required	
Pen / Stylus : Super capacitive Stylus , No consumable . Should support upto 3 hrs standard use ,after 3 to 4 minutes of charging & with a life of more than 1 million charge cycles	
Writing performance Smooth and rounded writing experience	
Should be able to cut-off any stray light disturbance on the interactivity	
Interactive Software Features	
• Should Support multi touch & multi writing	
• Should support Gesture Recognition like zoom, pan, tilt, flicks etc	
• Native handwriting recognition of English (on Windows OS platform)	
• Should have the following interactive tools/features like Pen, Eraser, spot light, curtain, shape recognition, shape editing, auto grouping, infinite colour options for annotation, colour bucket, back ground pattern, lines & arrows, screen capture tools (freehand capture is must), import / export files, recycle bin, unlimited pages, Cut & Paste, page navigation, save page(s), Undo/Redo, Geometric Tools like protractor, compass, ruler etc.	
• Shape-recognition up to six-sided figures	
• Should capable to annotate on any 3rd party applications	
• Extensive Resource Library with relevant Educational content	
• Software should support & compatible with document camera solution	
• Capability of taking Snapshot from running video (on Windows OS platform)	
• "Cloud Access" in Interactive Whiteboard Application to access filtered free educational content on any topic in the world	
General	
ISO 9001 certified for Quality	

7. LAN Cabling – Cat6, Patch Cards, Patch cables
8. Electrical Cabling
9. Anti Virus : Uninstall
10. 9U Wall Mount Rack : Deliyod Infotech





5. Commercial Terms:

S. No.	Item	Price	Qty	Total Price inclusive of GST
1	Implementation of One Digital Lab	2038043	40	Rs. 8,15,21,739

*Prices are inclusive of GST/TAXES.

6. Terms and Conditions

- 1) 90% advance along with the work / purchase order.
- 2) 10% on completion of Installation, Commissioning, testing and final acceptance.



**Government of Andhra Pradesh
State Project Directorate- RUSA**

From,
Kunapareddi Hariprasad, IIS
State Project Director-RUSA
Government of Andhra Pradesh
5th Floor, SSC Building,
Opp. Andhra Hospitals,
Gollapudi, Vijayawada,
Andhra Pradesh, Pin:521125

To,
Telecommunications Consultants India Ltd.
TCIL- Bhawan,
Greater Kailash-1,
New Delhi -110048

Lr. No: 47/SPD/RUSA 2.0/ Equipment/TCIL/2019/12

Dt:07.05.2019

Sub: RUSA, A.P – Purchase order for supply of 40 Digital lab equipment for 40 Degree Colleges in RUSA 2.0 colleges – Reg

Ref:

1. Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/2 Dt:07.03.2019
2. Mail received from TCIL regards scope of work and BoQ Dt:11.03.2019
3. Reply mail from this office to TCIL regards scope of work and BoQ Dt: 28.03.2019
4. TCIL/66/e-Gov/RUSA-AP_Digital Lab/01 Dt:03.05.2019
5. Corrigendum/ addendum from TCIL Dt: 04.05.2019

With reference first cited, The O/o SPD RUSA, Andhra Pradesh has requested the Telecommunication Consultants India Ltd (TCIL), Govt. of India undertaking under the administrative control of Department of Telecommunications, Ministry of Communications & Information Technology, Govt. of India for a proposal for Digital Lab Equipment including 1200 Desktops, 40 Projectors, 40 interactive white boards with network, etc., for digitalization.

In this connection, vide reference second cited, TCIL has sent mail to this office with the proposal submit scope of work & BoQ for establish Digital/ Computer lab in 40 colleges in RUSA 2.0. Hence, the O/o SPD RUSA has sent scope of work & BoQ vide reference third cited to TCIL.

In this connection, vide reference fourth & Fifth cited, your quotation along with equipment specifications was submitted to the State Project Directorate RUSA, Govt. of Andhra Pradesh, Vijayawada for the supply and installation of **Digital lab equipment** to be establish in 40 Degree Colleges across Andhra Pradesh is accepted duly complying below conditions.

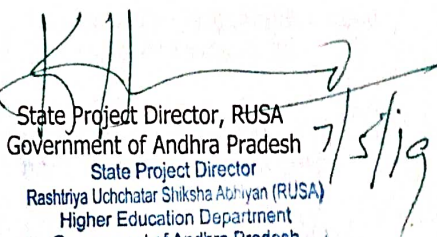
Item	Price	Qty	Total Price inclusive of GST
Implementation of one Digital Lab	Rs.20,65,217.40	40	Rs.8,26,08,696
Rupees Eight crores Fifteen lakhs and Twenty One thousand Seven hundred and Thirty Nine Only			

- Prices are inclusive of GST/All taxes.

Terms & conditions:

1. **Delivery** At Colleges in Andhra Pradesh.
Location: The vendor shall give demonstration of the hardware and software after the installation also.

2. Time Line : Computer lab shall be setup in a period of 4 Months
\\Within 4 months after the receipt of Work order.
3. Payment terms: 90% payment accepted and 10% after the delivery, installation & compliance report by the Principal of the respective college reaching to O/o SPD RUSA. Money will be sent in due course. Meanwhile you start the work.
- Note:** All the Delivery challans & Installation Reports to be Counter signed by the respective college Principal and one set submitted to O/o SPD RUSA.
- Payment collects at the college.
4. Warranty: One Year comprehensive on-site warranty from the date of installation.


State Project Director, RUSA
Government of Andhra Pradesh
State Project Director
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
Higher Education Department
Government of Andhra Pradesh

End: College list

Cpy to Expert committee members (procurement)



टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprise)

आई एस / आई एस ओ
IS/ISO 9001-2000



प्रभाग
DIVISION

टी. सी. आई .एल. भवन, ग्रेटर कैलाश-I,
नई दिल्ली-110048

TCIL Bhawan, Greater Kailash - I,
New Delhi-110 048

CIN : U74999DL1978GOI008911

TCIL/66/e-Gov/2019/ RUSA-AP_Digital Lab /02

Dated: 04/05/2019

To,

Kunapareddi Hariprasad, IIS,
State Project Director-RUSA,
Government of Andhra Pradesh,
5th Floor, SSC Building,
Opp. Andhra Hospitals,
Gollapudi, Vijayawada,
Andhra Pradesh-521125.

Ref: 1. Your letter no. 47/SPD/RUSA 2.0/Equipment/TCIL/2019/02 dt. 07/03/2019 for request to send a proposal for Digital Lab Equipment.
2. Your email dated 03/05/2019 regarding submission of proposal.
3. TCIL Letter ref: TCIL/66/e-Gov/2019/ RUSA-AP_Digital Lab /01 Dated: 03/05/2019 for Techno-commercial Proposal for Implementation of digital labs.

Subject: Corrigendum/addendum for TCIL Techno-commercial Proposal for Implementation of Digital Labs for RUSA-AP.

Dear Sir,

This has reference to our letter mentioned at S.No. 3.

The following components amended as:

1. Desktop: Make: Acer
 2. Short Throw Projector: Make: BenQ + One laptop (for projector operations)
 4. 8 KVA Online UPS with 30 mins. backup: Make: BPE
- *All the other components remain same.

5. Commercial Terms:

There would be financial implication for addition of 40 laptops which shall increase the quoted amount to Rs. 8,26,08,696/- (inclusive of applicable GST/Taxes):.

राष्ट्रीय : National : टेलीफोन : Telephone : 011-26202020 फैक्स : Fax : 011-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com
अंतराष्ट्रीय : International : टेलीफोन : Telephone : +91-11-26202020 फैक्स : Fax : +91-11-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com
हम पढ़ें सभी भाषाओं को, अपनी हिंदी का मान करें । सम्मान बढ़ाएं भारत का, आओ हिन्दी में काम करें ।।

~~It~~ would highly appreciate if it can be considered for further process.

We assure you the best quality and services and looking forward for your support.

With due regards,

For **Telecommunications Consultants India Ltd.**



(Rajesh Singh)

General Manager (e-Gov)

Email: rajesh.singh@tcil-india.com

Mob: 9868393757

Tel: 011-26202374

**GOVT. OF ANDHRA PRADESH
STATE PROJECT DIRECTOR, RUSA
VIJAYAWADA**

Lr.No. 114/SPD/RUSA/TSG/2019/2 dt: 21.11.2019

To,
The principals of GDC Paderu and GDC Salur

Sub: Instructions for release of 90% advance payment for RUSA Digital/Computer Lab to TCIL (Telecommunications Consultants India Limited) - Reg ..

Ref:

- 1) Minutes of Meeting of SHEC-03 held on 18.12.2018**
- 2) Minutes of Expert Committee Meeting held on 01.03.2019**
- 3) Proposal for RUSA Digital/Computer Lab submitted by TCIL - TCIL/66/e-Gov/2019/ RUSA-AP _Digital Lab /01 Dated: 03/05/2019**
- 4) Corrigendum/addendum for TCIL Techno-commercial Proposal for Implementation of Digital Labs for RUSA-AP - TCIL/66/e-Gov/2019/ RUSA-AP_Digital Lab /02 Dated: 04/05/2019**
- 5) Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/12 Dated 07-05.2019**

With reference cited (1) it is resolved in the SHEC-03 meeting that equipment should procure in centralised manner by duly constituting an expert committee to decide the equipments. In this connection an expert committee meeting was held on 01.03.2019 and resolved to procure the following items through TCIL (Telecommunications Consultants India Limited) under RUSA equipment head.

- 1 Digital cum Virtual Class Rooms with Integrated LMS (Learning Management Systems)
2. RUSA lab with 30 Desktops, 1 Projector, Interactive whiteboard with network etc.
3. E campus Management

In this connection purchase order was given to TCIL for procurement of 30 Desktops, one Projector, one White Board, 8KV UPS, one Laptop along with networking material for each institution. Total expenditure for supply the above items to 40 colleges is Rs.8,26,08,696/- including GST charges. It will cost to each institute Rs.20,65,217.40/- including GST.

In this connection SPD, RUSA Andhra Pradesh has given instructions to the Principals of the above listed colleges to release the 90% of equipment cost i.e. Rs.18,58,695.66/- (Rupees Eighteen lakhs fifty eight thousand six hundred ninety five and sixty six paise only) to TCIL through online payment. The account details of TCIL are provided below.

Beneficiary's Name: Telecommunications Consultants India Limited
Account No. : 000705005880
Bank Details: ICICI BANK LIMITED
IFSC Code of Bank: ICIC0000007
MICR Code of Bank: 110229002

PAN Number: **AAACT0061H**
TIN/TAN Number: **DELT00102E**

For your ready reference we herewith sending the following documents

Proposal for RUSA Digital/Computer Lab submitted by TCIL
Corrigendum/addendum for TCIL Techo- Commercial Proposa;
Purchase order copy

Technical Specification of items to be delivered are available in the proposal document in page
No.11

It is further requested the college to update the Fund Tracker portal with Virtual classroom
details.

Manjusha
21/11/19
For **STATE PROJECT DIRECTOR, RUSA**
ANDHRA PRADESH: VIJAYAWADA

Encl:

Proposal for RUSA Digital/Computer Lab submitted by TCIL
Corrigendum/addendum for TCIL Techo- Commercial Proposa;
Purchase order copy

State Project Director
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
Higher Education Department
Government of Andhra Pradesh

PROCEEDINGS OF THE Collegiate Education Dept CHILDREN HOME GAJAPATHINA**PRESENT :****Sanction No.** EHE03/2019/22776**Dated :**

Sub:- Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District –
RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL
DEGREE COLLEGE – Purchase of Computer Lab equipment – Sanction
of Rs/-18,04,596 to TCIL, New Delhi – Orders issued- Regarding.

Read:- 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 01.03.2019
3. Proposa for RUSA Digital / Computer Lab Submitted by TCIL-
TCIL166/e-Gov/2019 RUSA.AP_Digital Lab/01 /4 Dated : 03.05.2019.
4. Corrigendum / addendum for TCIL Techno-commercial proposal for
Implementation of Digital Labs for RUSA - AP - TCIL/66/e-
Gov/2019RUSA.AP_Digital Lab/02 Dated : 04.05.2019
5. Lr.No: 47/SPD/RUSA 2.0 /Equipment/TCIL/2019/12,Dt:07.05.2019
6. Lr.No.114/SPD/RUSA / TSG/2019/1 Dated : 21.11.2019

ORDER :

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Viziangaram District sanction is hereby accorded for drawal and payment 90% of Total cost ie; Rs.18,04,596/- (Rupees Eighteen Lakhs Four Thousand Five Hundred and Ninty six only) Excluding TDS 2 % of an amount Rs. 35,004/- from actual price towards RUSA computer Lab equipment to Telecommunications Consultants India Limited , New Delhi.

The amount is now drawn shall be debatable under head of account.

Major Head : 8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head : 00 – NOT APPLICABLE
Minor Head : 110 – EDUCATION FUNDS
Group Sub Head : 15 – CENTRALLY SPONSORED SCHEMES
Sub Head : 14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head : 001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head : 002 – CASP FUNDS

DDO/HOA DETAILS

DDO Code	Head of Account	Amount
22100304001	8448001101514001002VN	1804596.00

ITEM DETAILS

Material	Uom	Rate	Quantity	Total Amount	Beneficiary Name
191	NOS	1804596.00	1.000	1804596.00	

INVOICE/AUTHORIZATION DETAILS				
Beneficiary	Invoice No.	Invoice Date	Amount	Beneficiary Name
1001503824	4	03.05.2019	1804596.00	TELECOMMUNICA TION CONSULTANTS INDIA

PAYOUT SCHEDULE DETAILS		
Year	Month	Amount
2019	11	1804596.00

COPY TO :

Copy to State Project Director,RUSA,A.P.
Copy to the Special Commissioner of Collegiate Education, A.P., for favor of information.
Copy to the file

//FORWARDED::BY ORDER//

SANCTION OFFICER

ANNEXURE

Organization Unit: Collegiate Education Dept

Dated :

Sanction No. EHE03/2019/22776

Vendor Details

Vendor	Name	PAN	Adhaar Number	Bank Key	Bank A/c No.	Gross Amount	Deductions	Net Amount
1001503824	TELECOMM UNICATION CONSULTA NTS	AAACT0061H	000000000000	ICIC0000007	000705005880	1,804,596	0	1,804,596

**RUSA
LAB**

GOVT. OF ANDHRA PRADESH
STATE PROJECT DIRECTOR, RUSA
VIJAYAWADA

Lr.No. 114/SPD/RUSA/TSG/2019/2 dt: 21.11.2019

To,
The principals of GDC Paderu and GDC Salur

Sub: Instructions for release of 90% advance payment for RUSA Digital/Computer Lab to TCIL (Telecommunications Consultants India Limited) - Reg ..

Ref: 1) Minutes of Meeting of SHEC-03 held on 18.12.2018
2) Minutes of Expert Committee Meeting held on 01.03.2019
3) Proposal for RUSA Digital/Computer Lab submitted by TCIL - TCIL/66/e-Gov/2019/ RUSA-AP _Digital Lab /01 Dated: 03/05/2019
4) Corrigendum/addendum for TCIL Techno-commercial Proposal for Implementation of Digital Labs for RUSA-AP - TCIL/66/e-Gov/2019/ RUSA-AP_Digital Lab /02 Dated: 04/05/2019
5) Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/12 Dated 07-05.2019

With reference cited (1) it is resolved in the SHEC-03 meeting that equipment should procure in centralised manner by duly constituting an expert committee to decide the equipments. In this connection an expert committee meeting was held on 01.03.2019 and resolved to procure the following items through TCIL (Telecommunications Consultants India Limited) under RUSA equipment head.

- 1 Digital cum Virtual Class Rooms with Integrated LMS (Learning Management Systems)
2. RUSA lab with 30 Desktops, 1 Projector, Interactive whiteboard with network etc.
3. E campus Management

In this connection purchase order was given to TCIL for procurement of 30 Desktops, one Projector, one White Board, 8KV UPS, one Laptop along with networking material for each institution. Total expenditure for supply the above items to 40 colleges is Rs.8,26,08,696/- including GST charges. It will cost to each institute Rs.20,65,217.40/- including GST.

In this connection SPD, RUSA Andhra Pradesh has given instructions to the Principals of the above listed colleges to release the 90% of equipment cost i.e. Rs.18,58,695.66/- (Rupees Eighteen lakhs fifty eight thousand six hundred ninety five and sixty six paise only) to TCIL through online payment. The account details of TCIL are provided below.

Beneficiary's Name: Telecommunications Consultants India Limited
Account No. : 000705005880
Bank Details: ICICI BANK LIMITED
IFSC Code of Bank: ICIC0000007
MICR Code of Bank: 110229002

PAN Number: **AAACT0061H**
TIN/TAN Number: **DELT00102E**

For your ready reference we herewith sending the following documents

Proposal for RUSA Digital/Computer Lab submitted by TCIL
Corrigendum/addendum for TCIL Techo- Commercial Proposa;
Purchase order copy

Technical Specification of items to be delivered are available in the proposal document in page No.11

It is further requested the college to update the Fund Tracker portal with Virtual classroom details.

Nanjunda
21/11/14
For **STATE PROJECT DIRECTOR, RUSA**
ANDHRA PRADESH: VIJAYAWADA

Encl:

Proposal for RUSA Digital/Computer Lab submitted by TCIL
Corrigendum/addendum for TCIL Techo- Commercial Proposa;
Purchase order copy

State Project Director
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
Higher Education Department
Government of Andhra Pradesh

STATE PROJECT DIRECTOR, RUSA
ANDHRA PRADESH: VIJAYAWADA



टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprise)

आई एस / आई एस को
IS/ISO 9001-2000



प्रभाग
DIVISION

टी. सी. आई. एल. भवन, ग्रेटर कैलाश-1,
नई दिल्ली-110048

TCIL Bhawan, Greater Kailash - I,
New Delhi-110 048

CIN : U74999DL1978GOI008911

TCIL/66/e-Gov/2019/ RUSA-AP_Digital Lab /02

Dated: 04/05/2019

To,

Kunapareddi Hariprasad, IIS,
State Project Director-RUSA,
Government of Andhra Pradesh,
5th Floor, SSC Building,
Opp. Andhra Hospitals,
Gollapudi, Vijayawada,
Andhra Pradesh-521125.

Ref: 1. Your letter no. 47/SPD/RUSA 2.0/Equipment/TCIL/2019/02 dt. 07/03/2019 for request to send a proposal for Digital Lab Equipment.
2. Your email dated 03/05/2019 regarding submission of proposal.
3. TCIL Letter ref: TCIL/66/e-Gov/2019/ RUSA-AP_Digital Lab /01 Dated: 03/05/2019 for Techno-commercial Proposal for Implementation of digital labs.

Subject: Corrigendum/addendum for TCIL Techno-commercial Proposal for Implementation of Digital Labs for RUSA-AP.

Dear Sir,

This has reference to our letter mentioned at S.No. 3.

The following components amended as:

1. Desktop: Make: Acer
2. Short Throw Projector: Make: BenQ + One laptop (for projector operations)
4. 8 KVA Online UPS with 30 mins. backup: Make: BPE

*All the other components remain same.

5. Commercial Terms:

There would be financial implication for addition of 40 laptops which shall increase the quoted amount to Rs. 8,26,08,696/- (inclusive of applicable GST/Taxes).:

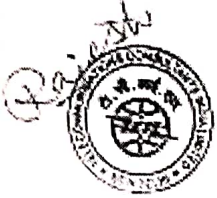
राष्ट्रीय : National ; टेलीफोन : Telephone : 011-26202020 फैक्स : Fax : 011-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com
अंतराष्ट्रीय : International ; टेलीफोन : Telephone : +91-11-26202020 फैक्स : Fax : +91-11-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com
हम पढ़ें सभी भाषाओं को, अपनी हिंदी का मान करें । सम्मान बढ़ाएं भारत का, आओ हिन्दी में काम करें ।।

We would highly appreciate if it can be considered for further process.

We assure you the best quality and services and looking forward for your support.

With due regards.

For Telecommunications Consultants India Ltd.



(Rajesh Singh)

General Manager (e-Gov)

Email: rajesh.singh@tcil-india.com

Mob: 9868393757

Tel: 011-26202374

**Government of Andhra Pradesh
State Project Directorate- RUSA**

From,
Kunapareddi Hariprasad, IIS
State Project Director-RUSA
Government of Andhra Pradesh
5th Floor, SSC Building,
Opp. Andhra Hospitals,
Gollapudi, Vijayawada,
Andhra Pradesh, Pin:521125

To,
Telecommunications Consultants India Ltd.
TCIL- Bhawan,
Greater Kailash-1,
New Delhi -110048

Lr. No: 47/SPD/RUSA 2.0/ Equipment/TCIL/2019/12

Dt:07.05.2019

Sub: RUSA, A.P – Purchase order for supply of 40 Digital lab equipment for 40 Degree Colleges in RUSA 2.0 colleges – Reg

Ref:

1. Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/2 Dt:07.03.2019
2. Mail received from TCIL regards scope of work and BoQ Dt:11.03.2019
3. Reply mail from this office to TCIL regards scope of work and BoQ Dt: 28.03.2019
4. TCIL/66/e-Gov/RUSA-AP_Digital Lab/01 Dt:03.05.2019
5. Corrigendum/ addendum from TCIL Dt: 04.05.2019

With reference first cited, The O/o SPD RUSA, Andhra Pradesh has requested the Telecommunication Consultants India Ltd (TCIL), Govt. of India undertaking under the administrative control of Department of Telecommunications, Ministry of Communications & Information Technology, Govt. of India for a proposal for Digital Lab Equipment including 1200 Desktops, 40 Projectors, 40 interactive white boards with network, etc., for digitalization.

In this connection, vide reference second cited, TCIL has sent mail to this office with the proposal submit scope of work & BoQ for establish Digital/ Computer lab in 40 colleges in RUSA 2.0. Hence, the O/o SPD RUSA has sent scope of work & BoQ vide reference third cited to TCIL.

In this connection, vide reference fourth & Fifth cited, your quotation along with equipment specifications was submitted to the State Project Directorate RUSA, Govt. of Andhra Pradesh, Vijayawada for the supply and installation of **Digital lab equipment** to be establish in 40 Degree Colleges across Andhra Pradesh is accepted duly complying below conditions.

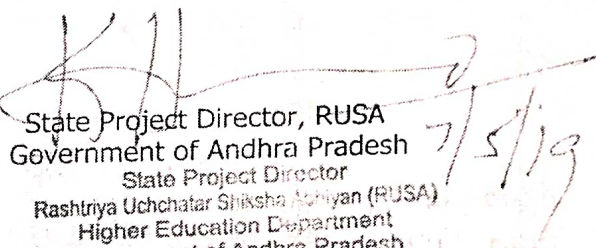
Item	Price	Qty	Total Price inclusive of GST
Implementation of one Digital Lab	Rs.20,65,217.40	40	Rs.8,26,08,696
Rupees Eight crores Fifteen lakhs and Twenty One thousand Seven hundred and Thirty Nine Only			

- Prices are inclusive of GST/All taxes.

Terms & conditions:

1. **Delivery** At Colleges In Andhra Pradesh.
location: The vendor shall give demonstration of the hardware and software after the installation also.

2. Time Line : Computer lab shall be setup in a period of 4 Months
\\Within 4 months after the receipt of Work order.
3. Payment terms: 90% payment accepted and 10% after the delivery, installation & compliance report by the Principal of the respective college reaching to O/o SPD RUSA. Money will be sent in due course. Meanwhile you start the work.
- Note:** All the Delivery challans & Installation Reports to be Counter signed by the respective college Principal and one set submitted to O/o SPD RUSA.
Payment collects at the college.
4. Warranty: One Year comprehensive on-site warranty from the date of installation.


State Project Director, RUSA
Government of Andhra Pradesh
State Project Director
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
Higher Education Department
Government of Andhra Pradesh

7/5/19

Encl: College list
Copy to Expert committee members (procurement)

**GOVT. OF ANDHRA PRADESH
STATE PROJECT DIRECTOR, RUSA
VIJAYAWADA**

To,
The principals of 32 RUSA Colleges,
(List enclosed)

Dt.07.01.2020

Sub: Instructions for release of 10% balance payment for RUSA Digital/Computer Lab to TCIL (Telecommunications Consultants India Limited) - Reg ..

- Ref:**
- 1) Minutes of Meeting of SHEC-03 held on 18.12.2018
 - 2) Minutes of Expert Committee Meeting held on 01.03.2019
 - 3) Proposal for RUSA Digital/Computer Lab submitted by TCIL - TCIL/66/e-Gov/2019/ RUSA-AP _Digital Lab /01 Dated: 03/05/2019
 - 4) Corrigendum/addendum for TCIL Techno-commercial Proposal for Implementation of Digital Labs for RUSA-AP - TCIL/66/e-Gov/2019/ RUSA-AP _Digital Lab /02 Dated: 04/05/2019
 - 5) Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/12 Dated 07-05.2019
 - 6) TCIL/66/e-Gov/RUSA-AP/2019/ Dated:26/12/2019
 - 7) TCIL/66/e-Gov/2019/RUSA - Tax/01

With reference cited (6), received 32 RUSA2.0 colleges installation completion reports from TCIL and requested for release of 10% balance payment of these 32 colleges.

In this connection, after a careful examination SPD, RUSA Andhra Pradesh has given instructions to the Principals of the colleges (list enclosed) to release the balance 10% of equipment cost after deducting 2% TDS i.e. Rs.34009.00(Rupees Thirty four thousand nine rupees only) to TCIL through online payment.

Regarding 2% TDS under GST, vide reference cited (7) TCIL sent communication to O/o SPD, RUSA stating it is being exempted for this deduction as it is a PSU. We are enclosing the copy of the same for your reference and requested the colleges to consult their college auditor on this and do the needful.

Digital Lab Cost With White Board	GST	TCIL per college rate W/o White Board	2% TDS under GST	Total Amount Need to pay to TCIL for Digital Lab with White Board
Rs.1747589.35/-	Rs.317628.05/-	Rs.2065217.40/-	Rs.34951.787/-	(Rs.2065217.40- Rs.34951.787) Rs.2030265.613/-

Digital Lab Cost (without White Board)	GST	TCIL per college rate W/o White Board	2% TDS under GST	Total Amount Need to pay to TCIL for Digital Lab without White Board
Rs.1700456.85/-	Rs.309144.20/-	Rs.2009601.05/-	Rs.34009.00/-	Rs.2009601.05-Rs.34009.00) = Rs.19,75,592.05/-

Previously, as shown in the above first table we have given instruction to pay 90% payment including White Board cost which was not supplied to any college. So, the cost of the White Board is reduced in the second table and colleges are requested to note the change in the Digital Lab Cost.

If the colleges paid Rs.18,58,695.66/- as 90% advance payment, and intended to deduct 2% TDS under GST they need to pay Rs.1,16,896.39/- (Rs.19,75,592.05 - Rs.18,58,695.66).

If the colleges paid Rs.18,58,695.66 as 90% advance payment, and not intended to deduct 2% TDS under GST they need to pay **Rs.1,50,905.39** (Rs.2009601.05 Rs.18,58,695.66)

The account details of TCIL is provided below.

Beneficiary's Name: Telecommunications Consultants India Limited

Account No. : 000705005880


Bank Details: ICICI BANK LIMITED

IFSC Code of Bank: ICIC00000007

MICR Code of Bank: 110229002

PAN Number: **AAACT0061H**

TIN/TAN Number: **DELT00102E**


**STATE PROJECT DIRECTOR, RUSA
ANDHRA PRADESH: VIJAYAWADA**

Encl:

List of Colleges with details of payment
Communication from TCIL regarding 2% TDS under GST

Copy To:

Mr S R Ansari, DGM(e-Gov), TCIL

STATE PROJECT DIRECTORATE - RUSA ANDHRA PRADESH
RUSA Digital / Computer Lab - RUSA 2.0

S.NO	DISTRICT	PLACE	INSTITUTION NAME	Cost of Dttal Lab Without White Board	GST	Total Cost of Digital Lab	2% TDS under GST
1	E.GODAVARI	RAMACHANDRAPURAM	VSM DEGREE COLLEGE	1700456.85	309144.20	2009601.05	34009.137
2	GUNTUR	GUNTUR	J.K.C. COLLEGE	1700456.85	309144.20	2009601.05	34009.137
3	GUNTUR	TENALI	JMJ COLLEGE FOR WOMEN	1700456.85	309144.20	2009601.05	34009.137
4	GUNTUR	KHAJIPALEM	KVR DEGREE COLLEGE	1700456.85	309144.20	2009601.05	34009.137
5	GUNTUR	TADIKONDA	BSSB DEGREE COLLEGE	1700456.85	309144.20	2009601.05	34009.137
6	KADAPA	BADVEL	SRI B. VEERA REDDY COLLEGE	1700456.85	309144.20	2009601.05	34009.137
7	NELLORE	NELLORE	NBKR COLLEGE	1700456.85	309144.20	2009601.05	34009.137
8	NELLORE	GUDUR	DR(W) COLLEGE	1700456.85	309144.20	2009601.05	34009.137
9	VISAKHAPATNAM	VISAKHAPATNAM	COLLEGE	1700456.85	309144.20	2009601.05	34009.137
10	W.GODAVARI	NARSAPUR	Sri Y.N. College	1700456.85	309144.20	2009601.05	34009.137
11	W.GODAVARI	PENUGONDA	SVKP & Dr.K.S.RAJU ARTS & SCIENCE COLLEGE	1700456.85	309144.20	2009601.05	34009.137
12	E.GODAVARI	MALKIPURAM	MVNJS & RVR DEGREE COLLEGE	1700456.85	309144.20	2009601.05	34009.137
13	GUNTUR	NAGARAM	SVRM COLLEGE	1700456.85	309144.20	2009601.05	34009.137
14	East Godavari	Rajahmundry	Smt. K.R. College For Women	1700456.85	309144.20	2009601.05	34009.137
15	Guntur	Guntur	Hindu College, Guntur	1700456.85	309144.20	2009601.05	34009.137
16	Guntur	Guntur	Andhra Christian College	1700456.85	309144.20	2009601.05	34009.137
17	Guntur	Bapatla	The Bapatla College Of Arts & Sciences, Bapatla	1700456.85	309144.20	2009601.05	34009.137
18	Guntur	Nidubrolu	P.B.N.College	1700456.85	309144.20	2009601.05	34009.137
19	Krishna	Jaggaiapeta	Smt. Gentela Sakuntamma College	1700456.85	309144.20	2009601.05	34009.137

20	Krishna	Vuyyaru	Adusumilli Gopalakrishnaiah & Sugarcane Growers Siddhartha Degree College Of Arts & Science	1700456.85	309144.20	2009601.05	34009.137
21	Krishna	Vijayawada	Maris Stella College	1700456.85	309144.20	2009601.05	34009.137
22	Visakhapatnam	Visakhapatnam	St Josephs College For Women	1700456.85	309144.20	2009601.05	34009.137
23	Vizianagaram		Maharajah College Autonomous	1700456.85	309144.20	2009601.05	34009.137
24	West Godavari	Eluru	Sir C R Reddy College	1700456.85	309144.20	2009601.05	34009.137
25	Krishna	Vijayawada	Andhra Loyola College	1700456.85	309144.20	2009601.05	34009.137
26	E.Godavari	Eluru	St. Theresa	1700456.85	309144.20	2009601.05	34009.137
27	Krishna	Gudiwada	ANR College	1700456.85	309144.20	2009601.05	34009.137
28	Krishna	Machilipatnam	Noble College	1700456.85	309144.20	2009601.05	34009.137
29	E.Godavari	Amalapuram	SKBR Amalapuram	1700456.85	309144.20	2009601.05	34009.137
30	Kadapa	Prodhutur	GDC, Prodhutur	1700456.85	309144.20	2009601.05	34009.137
31	Kurnool	Nandyal	SRK Degree college	1700456.85	309144.20	2009601.05	34009.137
32	Vizianagaram	Saluru	GDC, Salur	1700456.85	309144.20	2009601.05	34009.137

Note: Amount need to be rounded off while entering into the CFMS as it won't allow paisas



टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprises)



प्रभाग
DIVISION

टी. सी. आई. एल. भवन, ग्रेटर कैलाश-I
नई दिल्ली-110048

TCIL Bhawan, Greater Kallash-I,
New Delhi-110 048

CIN : U74999DL1978GO1008911

TCIL/66/e-Gov/2019/RUSA - Tax/01

03/12/2019

To,

Shri Hari Prasad, IIS
State Project Director - RUSA
Government of Andhra Pradesh
Vijaywada - 521125

Subject:- Regarding Tax deductions from TCIL Invoices

Ref: 1. Lr No: 47/SPD/RUSA 2.0/Equipment/TCIL/2019/8 dated 21/03/2019
2. Lr No: 47/SPD/RUSA 2.0/Equipment/TCIL/2019/12 dated 07/05/2019

Dear Sir,

This has reference to above referred Work order's to TCIL.

In this regard, it is bring to your kind notice that Income Tax @ 2% is applicable on basic amount. Also, TDS @ 2% on GST is also to be deducted on the basic amount, however TCIL being a PSU is exempted for this deduction as per Notification No. 73/2018-Central Tax dated 31/12/2018 read with page no 39 of the Central Goods and Service Tax Act 2017.

Further, for Project against work order mentioned at S No 1 under reference, we have submitted 03 (Three) no's of invoice each containing 10 Colleges under it. Similarly, for Project against work order mentioned at S No 2 under reference, we have submitted 03 (Three) no's of invoice each containing names of 10 Colleges in it.

With regards,

(S R ANSARI)
DGM (e-Gov)
Telecommunication Consultants India Ltd (TCIL)
Mob: 09868374787/09015858289



राष्ट्रीय : National : टेलीफोन : Telephone : 011-26202020 फैक्स : Fax : 011-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com
अंतर्राष्ट्रीय : International : टेलीफोन : Telephone : +91-11-26202020 फैक्स : Fax : +91-11-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com

हम पढ़े सभी भाषाओं को, अपनी हिंदी का पान करें, सम्मान बढ़ाएं भारत को, उसी हिंदी में काम करें।



टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprises)



प्रभाग
DIVISION

टी. सी. आई. एल. भवन, ग्रेटर कैलाश-I
नई दिल्ली-110048

TCIL Bhawan, Greater Kailash-I,
New Delhi-110 048

CIN : U74999DL1978GO1008911
01/01/2020

TCIL/66/e-Gov/RUSA -AP/2019/06

To,

State Project Director – RUSA
Government of Andhra Pradesh
Vijaywada - 521125

Subject:- TCIL cost details (base amount + GST amount).

Ref: 1. Lr No: 47/SPD/RUSA 2.0/Equipment/TCIL/2019/08 dated 21/03/2019
2. Lr No: 47/SPD/RUSA 2.0/Equipment/TCIL/2019/12 dated 07/05/2019

Dear Sir,

With reference to the above referred Work orders to TCIL, Please find enclosed sheet showing base amount and GST amount for both the projects (i.e. Implementation of digital and virtual classroom with integrated LMS in a Podium and Implementation of Digital labs in 40 Degree colleges) for deduction of TDS/TDS on GST for your ready reference.

With warm regards,

For Telecommunications Consultants India Ltd.

Rajesh
21.01.2020



(Rajesh Singh)
General Manager (e-Gov)
e-mail: rajesh.singh@tcil-india.com
Mob: 09868393757
Tel: 011-26202511

Encl: Sheet showing base amount and GST amount for both projects.

BASIC RATE AND GST FOR RUSA PROJECTS

Digital & Virtual Classroom with LMS Integrated in a Podium – RUSA 1 Project

Basic Rate per College in INR	GST Amount in INR	Total Rate per College including GST in INR	Total amount for 40 Colleges
845155.00	152128.00	997283.00	39891320.00

Digital Lab Equipment – RUSA 2 Project

As per Original Work Order

Basic rate per college (with White Board) in INR	GST /Tax	TCIL Total Rate per college with white Board	Total amount for 40 Colleges
1747589.35	317628.05	2065217.40	82608696.00

As per after dropping of white board from Scope of work

Basic rate (w/o White Board) per college in INR	GST /Tax	TCIL Per College rate W/o white board in INR	Total amount for 40 Colleges
1700456.85	309144.20	2009601.05	80384042.00

Revised
51.01.2020



VIRTUAL CLASSROOMS FILE

RUSA 2.0

GDC SALUR

**GOVT. OF ANDHRA PRADESH
STATE PROJECT DIRECTORATE, RUSA
VIJAYAWADA**

Lr.No. 114/SPD/RUSA/TSG/2019/1 dt: 21.11.2019

To,
The principals of GDC, Paderu and GDC, Salur

Sub: Instructions for release of 90% advance payment of Virtual Classrooms to TCIL (Telecommunications Consultants India Limited)- Reg ..

Ref:

- 1) Minutes of Meeting of SHEC-03 held on 18.12.2018**
- 2) Minutes of Expert Committee Meeting held on 01.03.2019**
- 3) Proposal for Virtual Classrooms submitted by TCIL**
- 4) Technical Specifications of Virtual Classroom**
- 5) TCIL/TG/66/2019/RUSA-AP Dated 15.03.2019**
- 6) Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/7 Dated 18-03.2019**

With reference cited (1) it is resolved in the SHEC-03 meeting that equipment should procure in centralised manner by duly constituting an expert committee to decide the equipments. In this connection an expert committee meeting was held on 01.03.2019 and resolved to procure the following items through TCIL (Telecommunications Consultants India Limited) under RUSA equipment head.

- 1 Digital cum Virtual Class Rooms with Integrated LMS (Learning Management Systems)
2. RUSA lab with 30 Desktops, 1 Projector, Interactive whiteboard with network etc.
3. E campus Management

In this connection purchase order was given to TCIL for procurement of 120 virtual classrooms for 40 colleges @3 classrooms to each. Cost for each classroom is Rs.5,88,525/-(Five lakhs eighty eight thousand five hundred and twenty five rupees only) including GST. Cost for 3 classrooms is Rs. 5,88,525 X 3 = 17,65,575,- (Seventeen lakhs sixty five thousand five hundred and seventy five rupees only). As per the payment terms of purchase order institutes needs to pay 90% of total cost of equipment as advance to TCIL and remaining 10% can be paid after delivery of equipment, installation and compliance report from the principal to o/o SPD RUSA.

In this connection SPD, RUSA Andhra Pradesh hereby instruct the Principals of the above listed colleges to release the 90% of equipment cost i.e. **Rs.15,89,017.50(Fifteen lakhs eighty nine thousand seventeen rupees and fifty paisa only)** to TCIL. The account details of TCIL is provided below.

Beneficiary's Name: Telecommunications Consultants India Limited
Account No. : 000705005880
Bank Details: ICICI BANK LIMITED
IFSC Code of Bank: ICIC0000007
MICR Code of Bank: 110229002

PAN Number: AAAC0061H
TIN/TAN Number: DELT00102E

For your ready reference we are herewith sending the following documents

Proposal for Virtual Classrooms submitted by TCIL
Technical specifications of Virtual Classroom
Cost details from TCIL
Purchase order copy

It is further requested the college to update the Fund Tracker portal with Virtual classroom payment details.

Nanjunda
21/11/19

For

**STATE PROJECT DIRECTOR, RUSA
ANDHRA PRADESH: VIJAYAWADA**

Encl:

Proposal for Virtual Classrooms submitted by TCIL
Technical specifications of Virtual Classroom
Cost details from TCIL
Purchase order copy

State Project Director
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
Higher Education Department
Government of Andhra Pradesh

**Government of Andhra Pradesh
State Project Directorate- RUSA**

From,

Kunapareddi Hariprasad, IIS
State Project Director-RUSA
Government of Andhra Pradesh
5th Floor, SSC Building,
Opp. Andhra Hospitals,
Gollapudi, Vijayawada,
Andhra Pradesh, Pin:521125

To,

Telecommunications Consultants India Ltd.
TCIL- Bhawan,
Greater Kailash-1,
New Delhi -110048

Lr. No: 47/SPD/RUSA 2.0/ Equipment/TCIL/2019/7

Dt: 18.03.2019

Sub: RUSA, A.P – Purchase order for supply of 120 virtual Classrooms equipment to 40 Degree Colleges in RUSA 2.0 colleges – Reg

- Ref: 1. Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/4 Dt:08.03.2019
2. TCIL/TG/049/2019/Proposal/AP, CIN:U74999DL1978GO1008911:
Dt:11.03.2019
3. Lr. No: 47/SPD/RUSA 2.0/ Equipment/TCIL/2019/6, Dt: 14.03.2019
4. Mail received from Mr. Sandeep Singh, AGM(IT), TCIL Dt: 14.03.2019

With reference first cited, The O/o SPD RUSA, Andhra Pradesh has requested to the Telecommunication Consultants India Ltd (TCIL), Govt. of India undertaking under the administrative control of Department of Telecommunications, Ministry of Communications & Information Technology, Govt. of India for a proposal of 120 virtual class room solutions for digitalization.

In this connection, vide reference second cited, your quotation along with equipment specifications was submitted to the State Project Directorate RUSA, Govt. of Andhra Pradesh, Vijayawada for the supply and installation of 120 virtual classrooms to be establish in 40 Degree Colleges across Andhra Pradesh is accepted duly complying below conditions.

Description	Cost in Rupees
Cost of One (1) Set of Virtual Classroom Solution (A)	4,98,750
GST @18% (B)	89,775
Total Cost C=A+B	5,88,525
Total Cost of 120 Sets D=C*120	7,06,23,000
Rupees Seven Crores Six Lakhs and Twenty Three Thousand Only	

The O/o SPD RUSA sent purchase order vide reference third cited and received a clarification in terms & Conditions vide fourth cited.

Terms & conditions:

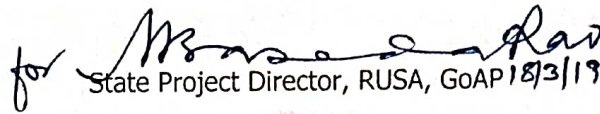
- Demonstration:** In the meanwhile, the vendor should provide demonstration with full of equipment at O/o SPD RUSA, Vijayawada before the expert committee.
- Delivery location:** At Colleges in Andhra Pradesh.
The vendor shall give demonstration of the hardware and software after the installation and training at institution level also.

3. Time Line : Within 90 days after the receipt of Work order.
4. Payment terms: 90% payment accepted and 10% after the delivery, installation & compliance report by the Principal of the respective college reaching to O/o SPD RUSA. Money will be sent in due course. Meanwhile you start the work.

Note: All the Delivery challans & Installation Reports to be Counter signed by the respective college Principal and one set submitted to O/o SPD RUSA.

Payment collects at the college.

- 5 Warranty: One Year comprehensive on-site warranty from the date of installation.

for 
State Project Director, RUSA, GoAP 18/3/19.

State Project Director
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
Higher Education Department
Government of Andhra Pradesh

Encl: College list

Copy to Expert committee members (procurement)

Technical specifications of Virtual Classroom

Virtual Classroom	
1. PC	<ul style="list-style-type: none"> • Processor - Intel® Pentium® processor (1.5 to 2.80 GHz, Quad Core) • Hard Disk - 500GB • RAM - 4GB • Graphics - Intel® HD Graphics. Two HDMI* 1.4b port supporting an ultra-high definition 4K 30 Hz display • System Memory - One DDR3L SO-DIMM socket; (up to 8 GB, 1333/1600 MHz), 1.35V • Peripheral Connectivity – • Integrated Gigabit LAN • Four Super Hi-Speed USB 3.0 ports (two back panel ports and two front ports including one charging port) • Two additional Hi-Speed USB 2.0 ports via internal header • Intel® Wireless-AC 3165 Dual Band Wireless 802.11ac, 1x1, up to 867 Mbps • Dual Mode Bluetooth* 4.0 ➤ Audio • Intel® HD Audio 1 via HDMI 1.4b supporting 8 channel digital audio (7.1 surround sound) • Intel® HD Audio (headset/microphone) • TOSLINK optical audio
2. Interactive Device	<ul style="list-style-type: none"> • Movement Detection Technology - 3-D Optical • Tracking Active Area - Up to 6x4" for 16:9 aspect ratio (Wide angle) • View angle - (Vertical) 95 deg • View angle - (Horizontal) 110 deg • View angle - (Diagonal) 170 deg • T/R Range - 0.6 / 0.4 / 0.2 / 0.16 • Tracking Speed - 60-70 FPS (can be extrapolated up-to 200 FPS) • Ambient Light Resistance Technology - 830nm +/- 20 & 650nm +/- 20 dual band tracking technology (Visible and IR bands) • Simultaneous Touch Point – Multitouch • Calibration Technology - Automatic as well as Manual Calibration • Connectivity Interface - USB • Max USB Transmission Distance - 15 ft • Power Requirement - 5 V • Power Consumption - < 1W • Operating & Storage Environment Temperature: - 10° C to +60° C; Humidity: 0% to 95% • Accuracy + / - 2 px • Response Time - Upto 195 Mn dots/sec • Key features: Annotation features such as choose pens, annotate, erase, color, shapes, sizes, capture image and video, save,

	floating keyboard etc
3. Projector Short Throw	<ul style="list-style-type: none"> • Technology: DLP • Brightness/ Resolution: 3000 lumens • Native Resolution: XGA(1024X768) • Brightness : 3000AL • Contrast Ratio : 20000:1 • Display Color : 1.07 Billion Colors • Lens : F=2.6 f=6.9mm • Aspect Ratio: Native 4:3 (5 aspect ratio selectable) • Zoom Ratio : Fixed • Lamp Type: 190W • Lamp Mode : 4500/6000/6500/10000 hours • Keystone Adjustment : 1D, Vertical +/- 30 degrees • Accessories: Wall mount kit and VGA, Power Cables
4. Portable Visualizer	<ul style="list-style-type: none"> • Capture Size A4 • Resolution 1024 x 786 (XGA) • Sensor CMOS 2.0 mega pixel • Picture Format JPG / TIF / PDF / BMP / TGA / PCX / PNG / RAS • Doc Format PDF / WORD / TXT • Video Format AVI / WMV • Sensor Element CMOS • Interface Type USB2.0 • Light Source Natural+ LED Supplement light • Accessories Document camera, CD-ROM, USB-cable, Users Manual • USB Cable length 2.0 Meters • Power supply USB 2.0 • Max. Shooting Area A4
5. White Board	Size: 1828 X 1220 mm (6x4) Ceramic coated scratch resistant surface
6. Green Board	Size: 1524 X 1220 mm (5x4)
7. Projector Wall Mount Kit	<ul style="list-style-type: none"> • 2x2 Aluminum Wall Mount kit
8. Speakers	<ul style="list-style-type: none"> • 2.1 50W RMS Speakers • 4-inch full range driver for satellites and powerful 6.5 base driver for the sub-woofer speaker • Independent power switch • LED indicator • Cable length: Satellite speaker: 1.5m • Audio input cable: RCA vs. 3.5mm stereo cable x 1pcs, RCA vs. RCA stereo cable x 1pcs • Output power (RMS): 52W • Satellite: 16Wx2

	<ul style="list-style-type: none"> • Subwoofer: 20W • Power: AC 220-240V - 50/60Hz
9. Wireless Mic	<p>RF Output Power -10mW (Max.) Modulation Mode - FM Microphone Element -Dynamic, Cardioid Maximum Deviation - ± 25kHz Frequency Response - 40Hz-13kHz Power Requirement - 9V Battery Current Consumption - <30mA Controls - ON/MUTE/OFF Switch Indication - Red LED: Momentary glow for RF ON & Permanent glow for Low Battery Dimensions - ϕ 48 (L 240) mm Weight - 0.25kg (without battery)</p> <p>RECEIVER Frequency Stability - $\pm 0.005\%$ Audio Output - 0-50mV S/N Ratio - >80dB Distortion - <0.5% Antenna Type - Telescopic Power Requirement - 220V-240V AC Dimensions - W152×H40×D110 mm Weight - 0.20kg</p> <p>ACCESSORIES 1×Connection Cable, 1×AC Adaptor, 1×9V Battery</p>
10. Metal Cabinet	<ul style="list-style-type: none"> • CRCA Steel Sheet • Integrated SLIM metal cabinet solution (Vertical Type) • Sturdy & compact product design • Very easy to transport • Approx. Dimension: (4' x 17" x 8") • Very easy to install • Standard Color: Combination of White & Black • Secure key-operated housing for PC, UPS, Tiny KB, Mouse, Stylus, Speaker (2.0), Markers, Whiteboard dusters & other
11. UPS	<ul style="list-style-type: none"> • 600VA inbuilt battery • 10-15 minutes backup • Microprocessor Control Guarantees High reliability • Equipped with boost and buck AVR • DC start Function • Auto restart While AC recovery • Compact size, Light weight • Provides AC Overload Protection

12. Camera	<ul style="list-style-type: none"> • Lens – f=4.7~94mm • Zoom – 20x • Sensor – 1/28" Progressive CMOS • Effective Pixel – 2.1 MP • Video output – USB 3.0 / SDI • Signal System – 1080P (1920*1080) and 720P (1280*720) • Tilt Movement Range - 120° • Pan Movement Range - 355° • Remote Control – IR Wireless
13. Multipoint Bridge License	<p>Video Support - HD continuous presence up to 60fps</p> <p>Video Bandwidth – it should be minimum 2.0 Mbps per location</p> <p>Signaling protocols – H.323 and open SIP</p> <p>Audio Support: Codecs – G.711, G.722, G.722.1, G.729, MPEG4 AAC-</p> <p>Web-Based Monitoring and Control: User-friendly web interface for MCU configuration and conference operation</p> <p>Data Collaboration and Presentation Sharing : H.239 (H.323) and BFCP (SIP) for presentation sharing</p> <p>Security : H.235 AES encryption for secure conferencing</p> <p>Password protected web GUI user access with multiple levels: Administrator, Operator and User</p> <p>Network Redundancy: Connect to 2 independent networks and if the primary network fails, the secondary automatically activates.</p> <p>The following features shall also be provided in Multipoint bridge:</p> <ul style="list-style-type: none"> • Interoperability – entire solution should be natively interoperable with open H323 and SIP protocols along with Standard based systems like <ul style="list-style-type: none"> - Avaya - Cisco - iOS, Android - Lifesize

- Polycom
- Radvision
- Skype for Business / Office 365
- Windows PC, MacOS
- webRTC

· **User Friendly** – The solution should be user friendly offering benefits such as presence, directory of other end points or users, automatic software and firmware updates, Calendaring and health updates for endpoints registered with the service

Dialing Pattern – the solution shall support both Dial-out and Dial-in to other users, end points, Public IPs, URLs. During a point-to point call an end point or a user shall be able to add 3rd or more participants in the same call to make it a multiparty conference without disconnecting original call. Similarly a user or end point shall be able to dial or join an on-going PTP or multiparty conference.

· **OEM Support** – the bidder should provide Support. While customer can also reach OEM directly for telephonic technical support during 24x7x365 support.

· **Call Capability** – All the locations should be able to make concurrent calls to up to 50 locations in HD 60FPS Quality . So the solution should be able to offer at least n or more conference calls at the same time each with 50 locations in HD

These 50 sites can be on Video or PSTN Audio. With scalability in future for increasing the concurrent call capacity

· **Server site location** – The service hosted should have at least one data center in India with the facility of automatic failover to another node if one fails. Solution should also have Geo-Redundancy for highest uptime services.

· **Audio conference** – The facility to dial PSTN local toll and toll free number both with unlimited usage should be provided. The solution shall also work as a standalone audio bridge whenever needed.

· **Recording** – Facility to record the meetings with single click from endpoint and user should be provided with unlimited storage archival and should be General Data Protection Regulation compliant



टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprise)

आई एस/आई एस ओ
ISO 9001-2008



प्रभाग
DIVISION

टी. सी. आई. एल. भवन, ग्रेटर कैलाश-I,
नई दिल्ली-110048

TCIL Bhawan, Greater Kallash - I,
New Delhi-110 048

CIN : U74999DL1978GOI008911
11.03.2019

TCIL/TG/049/2019/Proposal/AP

To,
The State Project Director,
RUSA,
Government of Andhra Pradesh.

Sub: Proposal for Supply and Installation of Virtual Classroom

Respected Sir,

Telecommunications Consultants India Limited (TCIL) is a Government of India Undertaking under the Department of Telecommunications (DOT). TCIL undertakes consultancy and turnkey projects for setting up of network infrastructure in the field of Telecom and IT using its vast expertise of design and development of solutions involving Telecom, IT, Networking, Software Application Systems and Technologies. Presently, TCIL is operating in more than 60 countries all over the world.

We are pleased to submit our techno-commercial proposal for Supply and Installation of Virtual Classrooms.

We are always available for any clarifications, if any.

Thanking you.

Yours sincerely,

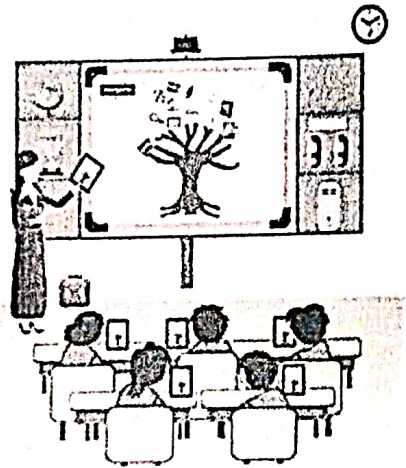
(Sandeep Singh)
Assistant General Manager (IT)
Phone: +91-11-26202628
E-mail: sandeep.singh@tcil-india.com



Encl. as above



**PROPOSAL
FOR
VIRTUAL CLASSROOMS
FOR
THE STATE PROJECT DIRECTOR
RUSA
GOVERNMENT OF ANDHRA PRADESH**



Submitted By
Telecommunications Consultants India Ltd.
(A Govt. of India Enterprise)
TCIL Bhawan, Greater Kailash – I
New Delhi-110048



Jeon




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1. INTRODUCTION

Telecommunications Consultants India Limited (TCIL) is a leading ISO 9001:2015, ISO/IEC 27001:2005, OHSAS18001 and ISO14001 Certified, Government of India Undertaking incorporated in 1978 under the Administrative control of the Department of Telecommunications (DOT), Ministry of Communications, Govt. of India.

TCIL undertakes consultancy and turnkey projects for setting up of network infrastructure in the field of Telecom and IT using its vast expertise of design and development of solutions involving Telecom, IT, Networking, Software Application Systems and Technologies. Presently, TCIL is operating in more than 60 countries all over the world.

TCIL has emerged as a prime multi-disciplinary organization offering full range of services embracing design, engineering, preparation of sites, equipment specifications, arranging supply and delivery of the equipment and its installation, testing & commissioning. The company also undertakes operation & maintenance, and, technical & managerial training. TCIL also facilitates transfer of technology in all facets of the telecommunications and information technology. TCIL undertake turnkey jobs from concepts to completion in all fields of telecommunications and information technology in India and abroad.

A global venture – TCIL, is the premier multidisciplinary telecommunication organization offering Consultancy services and carrying out turnkey projects the world over.

TCIL provides appropriate technology at a competitive cost. Right from its inception, TCIL has achieved an impressive growth. Today TCIL's operations are spread over more than 60 countries of the Middle - East, South - East Asia, USA, Africa & Europe.

From concept to completion - TCIL renders multi - faceted Telecommunications services ranging from Feasibility Studies, Network Design, Software Development & Re-engineering. Local Telephone Systems, Transmission Systems, Operation and Maintenance of Networks, Rural Telecommunications and Training to Technology transfer.

As a result of emerging liberalization in the telecom sector in India during last few years, TCIL has prepared itself to accept the challenges to meet the market needs by introduction of state-of-the-art technologies in the Information Technology and Telecom.





2. NEED OF THE PROJECT

Education, health and skill development are prime requirement for development of society. Educating the communities of a region would require skilled and expert teaching resources. Also skilled manpower in various industry segments help improve quality and provide growth. Such resources of expert and skill are deficient in the country and are normally localized in the urban areas.

The untrained teachers and inadequate training facilities, results in large number of students being inadequately educated and trained. Moreover the geographical terrain, language complexities and other situations further adds to the challenges. Also, the lack of adequate information and communication technology (ICT) infrastructures in the remote colleges has always been a major roadblock in quality education in many states. Hence, these issues shall be addressed to improve the level of education in the students. These issues can be resolved by introducing a workable solution in the field of education, which shall be able to impart education to distant villages & areas in a State.

The Digital-Education mode of education for students as well as for teachers shall be adopted to enable expert teachers located in urban areas to impart education to underprivileged students & train teachers in distant/ remote villages & areas.

3. WHY VIRTUAL CLASSROOM SOLUTION

In today's scenario, education is the biggest building block of the society. Hence, it is most crucial to address the issue with a workable solution. The Digital-Education mode of education for students as well as for teachers shall be adopted to enable expert teachers located in urban areas to impart education to underprivileged students & train teachers in distant/ remote villages & areas.

Quality education is an essential requisite in today's competitive environment. Technology benefitted us in every aspect of our life right from communication to education. New methods of teaching have been introduced. Digital methods use instructional material, 3D animated modules and videos, to make it easy for students to understand the difficult concepts. Most of the renowned institutes in India/ Abroad are using this concept. The students are also thrilled at this concept of innovation and interactive learning process. The concept of digitized classroom has not only made education interesting but a chance to students to enhance their performance.





A virtual classroom enables to bring learners from around the world together online in highly interactive virtual classes while greatly reducing the travel, time, and expense of on-site teaching/training programs. It can be used as a solution for live delivery and interaction that addresses the entire process of creating and managing the teaching-learning process.

4. BENEFITS OF VIRTUAL CLASSROOM

Setting up of a Virtual Classroom infrastructure can address the needs of Education and training. This is a major step towards Digital India Initiative of the Government of India to educate the masses of all age and train the masses flexibly according to the need of employment from time to time.

This will further have the following benefits:

- Quality Education with the help of modern day ICT Infrastructure.
- Addressing the issues of shortage of teachers.
- Specialized trainings for the teachers on various subjects.
- Increase in the enrollments of students, decrease in rates of dropout rates thereby promoting higher literacy rates.
- Without the location or time limitations of a traditional classroom, there will be freedom to absorb class content, engage with peers on classroom topics, complete an assignment, or take an exam at a time
- Online instruction delivers a more effective learning experience due to interactive modules, multimedia tools, and knowledge checks that can be repeated until the concept is mastered. These repetitive learning tools help retain the information while helping the students to stay focused and on-task on the learning objective at hand.
- Interestingly enough, online correspondence with the peers and instructor is faster and more helpful than face to face conversation on important course topics.
- Transforms the teacher-centered and text-bound classrooms into student-focused and interactive knowledge environment.

5. PROJECT SOLUTION

TCIL provides an efficient Virtual Classroom Solution, to advance the aptitude and learning skills of the children in turn improving the methodological and technical skills such as blended learning, computer technology, and communicative learning practices.





Our solution addresses the universal challenges faced by the institutes for their students and contain customizable mechanism to suit an institute's particular requirements. The solution is implemented and monitored by qualified teacher trainers.

The teacher training solutions include:

- Face to face discussions
- Forums and Online communication
- E-Learning
- Live classroom observation
- Online teaching methodology
- Use of Teaching aids

6. PROJECT DESCRIPTION

Following Teaching Aids shall be provided in Virtual Classroom solutions:

- PC
- Interactive Device
- Short Throw Projector
- Projector Wall Mount Kit
- Portable Visualizer
- White Board
- Green Board
- Speakers
- Wireless Mic
- Metal Cabinet
- UPS
- Camera
- Multipoint Bridge License

7. COST ESTIMATE

Description	Cost
Cost of One (1) set of Virtual Classroom solution (A)	4,98,750
GST @ 18% (B)	89,775
Total Cost C=A+B	5,88,525
Total Cost of 120 Sets D=C*120	7,06,23,000
Rupees Seven Crore Six Lakhs Twenty Three Thousands Only	





8. TERMS & CONDITIONS

- The above prices are inclusive of all taxes
- Payment terms – 90% advance along with confirmed purchase order and balance 10% on delivery and installation.
- The above cost is inclusive of Delivery & Installation at site.
- Virtual Classrooms shall be setup in a period of 3 months.
- The Warranty of all the equipment is for 1 (one) year.
- This proposal is valid for 6 months.



①

**PROCEEDINGS OF THE Integration: default posi Collegiate Education Dept CHILDREN
HOME GAJAPATHINA**

PRESENT :

Sanction No. EHE03/2019/22651

Dated : 27.11.2019

Sub:- Sub:-RUSA-2.0- Govt. Degree College, Salur, Vizianagaram District –
RUSA COMPONENT 6- EXISTING COLLEGE INTO MODEL
DEGREE COLLEGE – Purchase of 3 (Three) Virtual class rooms
equipment – Sanction of Rs/-15,59,092 to TCIL, New Delhi – Orders
issued- Regarding.

- Read:-** 1. Minutes of Meeting of SHEC – 03 held on 18.12.2018
2. Minutes of Expert Committee Meeting held on 01.03.2019
3. Proposals for virtual class rooms submitted by TCIL.
4. Technical specifications of Virtual Class rooms
5. TCIL/TG/66 /2019 RUSA AP,Dt:15.03.2019
6. Lr.No.114/SPD/RUSA / TSG/2019/1 Dated : 21.11.2019

ORDER :

In pursuance of the orders issued in the reference 6 cited above, Principal, Government. Degree College, Salur ,Vizianagaram District sanction is hereby accorded for drawal and payment 90% of Total cost ie; Rs.15,59,092/- (Rupees Fifteen Lakhs Fifty Nine Thousand and Ninty two only) Excluding TDS 2 % of an amount Rs. 29,925/- from actual price towards Three (3) Virtual Class Rooms equipment to Telecommunications Consultants India Limited , New Delhi.

The amount is now drawn shall be debatable under head of account.

Major Head : 8448 – DEPOSITS OF LACAL FUNDS
Sub Major Head : 00 – NOT APPLICABLE
Minor Head : 110 – EDUCATION FUNDS
Group Sub Head : 15 – CENTRALLY SPONSORED SCHEMES
Sub Head : 14 – RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Detailed Head : 001 - RASHTRIYA UCHCHTAR SHIKSHA ABHIYAAN
Sub Detailed Head : 002 – CASP FUNDS

DDO/HOA DETAILS		
DDO Code	Head of Account	Amount
22100304001	8448001101514001002VN	1559092.00

ITEM DETAILS					
Material	Uom	Rate	Quantity	Total Amount	Beneficiary Name
159	NOS	1559092.00	1.000	1559092.00	

PAYOUT SCHEDULE DETAILS		
Year	Month	Amount
2019	11	1559092.00

CFMS_CO_HCM2

Integration: default posi

COPY TO :

Copy to State Project Director,RUSA,A.P.

Copy to the Special Commissioner of Collegiate Education, A.P., for favor of information.

Copy to the file

//FORWARDED::BY ORDER//

SANCTION OFFICER

ANNEXURE

Organization Unit: Collegiate Education Dept

Sanction No. EHE03/2019/22651

Dated : 27.11.2019

Vendor Details

Vendor	Name	PAN	Adhaar Number	Bank Key	Bank A/c No.	Gross Amount	Deductions	Net Amount
1001503824	TELECOMMUNICATION CONSULTANTS	AAACT0061H	000000000000	ICIC00000007	000705005880	1,559,092	0	1,559,092

Virtual class Rooms

GOVT. OF ANDHRA PRADESH
STATE PROJECT DIRECTORATE, RUSA
VIJAYAWADA

Lr.No. 114/SPD/RUSA/TSG/2019/1 dt: 21.11.2019

To,
The principals of GDC, Paderu and GDC, Salur

Sub: Instructions for release of 90% advance payment of Virtual Classrooms to TCIL (Telecommunications Consultants India Limited)- Reg ..

Ref: 1) Minutes of Meeting of SHEC-03 held on 18.12.2018
2) Minutes of Expert Committee Meeting held on 01.03.2019
3) Proposal for Virtual Classrooms submitted by TCIL
4) Technical Specifications of Virtual Classroom
5) TCIL/TG/66/2019/RUSA-AP Dated 15.03.2019
6) Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/7 Dated 18-03.2019

With reference cited (1) it is resolved in the SHEC-03 meeting that equipment should procure in centralised manner by duly constituting an expert committee to decide the equipments. In this connection an expert committee meeting was held on 01.03.2019 and resolved to procure the following items through TCIL (Telecommunications Consultants India Limited) under RUSA equipment head.

- 1 Digital cum Virtual Class Rooms with Integrated LMS (Learning Management Systems)
2. RUSA lab with 30 Desktops, 1 Projector, Interactive whiteboard with network etc.
3. E campus Management

In this connection purchase order was given to TCIL for procurement of 120 virtual classrooms for 40 colleges @3 classrooms to each. Cost for each classroom is Rs.5,88,525/-(Five lakhs eighty eight thousand five hundred and twenty five rupees only) including GST. Cost for 3 classrooms is Rs. 5,88,525 X 3 = 17,65,575,- (Seventeen lakhs sixty five thousand five hundred and seventy five rupees only). As per the payment terms of purchase order institutes needs to pay 90% of total cost of equipment as advance to TCIL and remaining 10% can be paid after delivery of equipment, installation and compliance report from the principal to o/o SPD RUSA.

In this connection SPD, RUSA Andhra Pradesh hereby instruct the Principals of the above listed colleges to release the 90% of equipment cost i.e. **Rs.15,89,017.50(Fifteen lakhs eighty nine thousand seventeen rupees and fifty paise only)** to TCIL. The account details of TCIL is provided below.

Beneficiary's Name: Telecommunications Consultants India Limited
Account No. : 000705005880
Bank Details: ICICI BANK LIMITED
IFSC Code of Bank: ICIC0000007
MICR Code of Bank: 110229002

PAN Number: AACT0061H
TIN/TAN Number: DELT00102E

For your ready reference we are herewith sending the following documents

Proposal for Virtual Classrooms submitted by TCIL
Technical specifications of Virtual Classroom
Cost details from TCIL
Purchase order copy

It is further requested the college to update the Fund Tracker portal with Virtual classroom payment details.

Nanjundes
21/11/19
For **STATE PROJECT DIRECTOR, RUSA**
ANDHRA PRADESH: VIJAYAWADA

Encl:

Proposal for Virtual Classrooms submitted by TCIL
Technical specifications of Virtual Classroom
Cost details from TCIL
Purchase order copy

State Project Director
Rashtriya Uchchatar Shiksha Mandal (RUSA)
Higher Education Department
Government of Andhra Pradesh



टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprise)

आई एस/आई एस ओ
IS/ISO 9001-2008



प्रभाग
DIVISION

टी. सी. आई .एल. भवन, ग्रेटर कैलाश-I,
नई दिल्ली-110048

TCIL Bhawan, Greater Kailash - I,
New Delhi-110 048

CIN : U74999DL1978GOI008911

Pre-Receipt

TCIL/TG/66/2019/RUSA-AP

15-Mar-2019

Kunapareddi Hariprasad, IIS,
State Project Director,
RUSA Government of Andhra Pradesh,
5th Floor, SSC Building,
Opp. Andhra Hospitals, Gollapudi, Vijayawada, Andhra Pradesh.

Received Rs. 6,35,60,700/- (Rupees Six Crore Thirty Five Lacs Sixty Thousand Seven Hundred Only) against your P.O No Lr. No: 47/SPD/RUSA 2.0/ Equipment/TCIL/2019/4 Dt: 08.03.2019

TCIL Account details

Beneficiary's Name	TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED
Account No.	000705005880
Bank Details	ICICI BANK LIMITED
IFSC Code of Bank	ICIC0000007
MICR Code of Bank	110229002

The rates are inclusive of One Year Warranty, as mentioned in our proposal.

For TCIL


(Authorized Signatory)





टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprise)

आई एस/आई एस ओ
ISO 9001-2008



प्रभाग
DIVISION

टी. सी. आई .एल. भवन, ग्रेटर कैलाश-I,
नई दिल्ली-110048

TCIL Bhawan, Greater Kailash - I,
New Delhi-110 048

CIN : U74999DL1978GOI008911

TCIL/TG/66/2019/RUSA-AP

15.03.2019

Kunapareddi Hariprasad, IIS,
State Project Director,
RUSA Government of Andhra Pradesh,
5th Floor, SSC Building,
Opp. Andhra Hospitals, Gollapudi, Vijayawada, Andhra Pradesh.

Performa Invoice		Lr. No: 47/SPD/RUSA 2.0/ Equipment/TCIL/2019/4 dated 08.03.2019
SL. No	Services	Cost (in Rs.)
1	Cost of One sets of Virtual Classroom Solutions	4,98,750/-
	GST 18%	89,755/-
	Total Amount	5,88,525/-
	Cost of 120 sets of Virtual Classroom Solutions	7,06,23,000/-
	Advance 90%	6,35,60,700/-
	Total Advance (Rs.)	6,35,60,700/-
Rupees Six Crore Thirty Five Lacs Sixty Thousand Seven Hundred Only		

TCIL Account Details

Beneficiary's Name	TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED
Account No.	000705005880
Bank Details	ICICI BANK LIMITED
IFSC Code of Bank	ICIC0000007
MICR Code of Bank	110229002

Note: No TDS shall be deducted on the above purchase order.

The rates are inclusive of One Year Warranty, as mentioned in our proposal.

For TCIL

(Signature)

(Authorized Signatory)



राष्ट्रीय : National : टेलीफोन : Telephone : 011-26202020 फैक्स : Fax : 011-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com

अंतरराष्ट्रीय : International : टेलीफोन : Telephone : +91-11-26202020 फैक्स : Fax : +91-11-26242266 वेबसाइट : Website : <http://www.tcil-india.com> ई-मेल : E-mail : tcil@tcil-india.com

हम पढ़ें सभी भाषाओं को, अपनी हिंदी का मान करें, सम्मान बढ़ाएं भारत का, आओ हिंदी में काम करें ।

**Government of Andhra Pradesh
State Project Directorate- RUSA**

From,

Kunapareddi Hariprasad, IIS
State Project Director-RUSA
Government of Andhra Pradesh
5th Floor, SSC Building,
Opp. Andhra Hospitals,
Gollapudi, Vijayawada,
Andhra Pradesh, Pin:521125

To,

Telecommunications Consultants India Ltd.
TCIL- Bhawan,
Greater Kailash-1,
New Delhi -110048

Lr. No: 47/SPD/RUSA 2.0/ Equipment/TCIL/2019/7

Dt: 18.03.2019

Sub: RUSA, A.P – Purchase order for supply of 120 virtual Classrooms equipment to 40 Degree Colleges in RUSA 2.0 colleges – Reg

Ref: 1. Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/4 Dt:08.03.2019
2. TCIL/TG/049/2019/Proposal/AP, CIN:U74999DL1978GO1008911:
Dt:11.03.2019
3. Lr. No: 47/SPD/RUSA 2.0/ Equipment/TCIL/2019/6, Dt: 14.03.2019
4. Mail received from Mr. Sandeep Singh, AGM(IT), TCIL Dt: 14.03.2019

With reference first cited, The O/o SPD RUSA, Andhra Pradesh has requested to the Telecommunication Consultants India Ltd (TCIL), Govt. of India undertaking under the administrative control of Department of Telecommunications, Ministry of Communications & Information Technology, Govt. of India for a proposal of 120 virtual class room solutions for digitalization.

In this connection, vide reference second cited, your quotation along with equipment specifications was submitted to the State Project Directorate RUSA, Govt. of Andhra Pradesh, Vijayawada for the supply and installation of 120 virtual classrooms to be establish in 40 Degree Colleges across Andhra Pradesh is accepted duly complying below conditions.

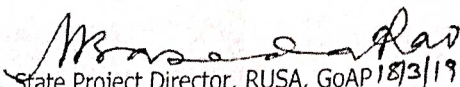
Description	Cost in Rupees
Cost of One (1) Set of Virtual Classroom Solution (A)	4,98,750
GST @18% (B)	89,775
Total Cost C=A+B	5,88,525
Total Cost of 120 Sets D=C*120	7,06,23,000
Rupees Seven Crores Six Lakhs and Twenty Three Thousand Only	

The O/o SPD RUSA sent purchase order vide reference third cited and received a clarification in terms & Conditions vide fourth cited.

Terms & conditions:

1. **Demonstration:** In the meanwhile, the vendor should provide demonstration with full of equipment at O/o SPD RUSA, Vijayawada before the expert committee.
2. **Delivery** At Colleges in Andhra Pradesh.
location: The vendor shall give demonstration of the hardware and software after the installation and training at institution level also.

3. Time Line : Within 90 days after the receipt of Work order.
4. Payment terms: 90% payment accepted and 10% after the delivery, installation & compliance report by the Principal of the respective college reaching to O/o SPD RUSA. Money will be sent in due course. Meanwhile you start the work.
- Note:** All the Delivery challans & Installation Reports to be Counter signed by the respective college Principal and one set submitted to O/o SPD RUSA.
- Payment collects at the college.
- 5 Warranty: One Year comprehensive on-site warranty from the date of installation.

for 
State Project Director, RUSA, GoAP 18/3/19.

State Project Director
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
Higher Education Department
Government of Andhra Pradesh

Encl: College list

Copy to Expert committee members (procurement)

E - CAMPUS MANAGEMENT FILE

RUSA 2.0

GDC SALUR

**GOVT. OF ANDHRA PRADESH
STATE PROJECT DIRECTOR, RUSA
VIJAYAWADA**

Lr.No. 114/SPD/RUSA/TSG/2019/4 dt: 21.11.2019

To,
The principals of GDC, Paderu and GDC, Salur

Sub: Instructions for release of 90% advance payment for E-Campus Management to TCIL (Telecommunications Consultants India Limited)- Reg ..

**Ref: 1) Minutes of Meeting of SHEC-03 held on 18.12.2018
2) Minutes of Expert Committee Meeting held on 01.03.2019
3) Proposal for E-Campus Management submitted by TCIL
4) Module Specifications of E-Campus Management
5) Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/10 Dated 29.03.2019**

With reference cited (1) it is resolved in the SHEC-03 meeting that equipment should procure in centralised manner by duly constituting an expert committee to decide the equipments. In this connection an expert committee meeting was held on 01.03.2019 and resolved to procure the following items through TCIL (Telecommunications Consultants India Limited) under RUSA equipment head.

- 1 Digital cum Virtual Class Rooms with Integrated LMS (Learning Management Systems)
2. RUSA lab with 30 Desktops, 1 Projector, Interactive whiteboard with network etc.
3. E campus Management

In this connection purchase order was given to TCIL for supply and implementation of E-Campus Management software for 40 RUSA 2.0 funded colleges (List enclosed) As per the payment terms of purchase order institutes needs to pay 90% of total cost of the project as advance to TCIL and remaining 10% can be paid after completion of installation, commissioning, testing and final acceptance report by the principal of the respective college reaching to O/o SPD, RUSA.

In this connection SPD, RUSA Andhra Pradesh hereby instruct to the Principals of the above listed colleges to release the 90% of the project cost which is Rs. 4,55,632/- to TCIL through online payment. The account details of TCIL are provided below.

Beneficiary's Name: Telecommunications Consultants India Limited
Account No. : 000705005880
Bank Details: ICICI BANK LIMITED
IFSC Code of Bank: ICIC0000007
MICR Code of Bank: 110229002

PAN Number: **AAACT0061H**
TIN/TAN Number: **DELT00102E**

For your ready reference we are herewith sending the following documents

Proposal for supply & implementation of E-Campus Management submitted by TCIL

Module specifications of E-Campus Management
Purchase order copy

It is further requested the college to update the Fund Tracker portal with E-Campus Management details.

Nanjusha
2.11.19
For **STATE PROJECT DIRECTOR, RUSA
ANDHRA PRADESH: VIJAYAWADA**

State Project Director
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
Higher Education Department
Government of Andhra Pradesh

Encl:

Proposal for E-Campus Management submitted by TCIL
Module specifications of E-Campus Management
Purchase order copy

**Government of Andhra Pradesh
State Project Directorate- RUSA**

From,
Kunapareddi Hariprasad, IIS
State Project Director-RUSA
Government of Andhra Pradesh
5th Floor, SSC Building,
Opp. Andhra Hospitals,
Gollapudi, Vijayawada,
Andhra Pradesh, Pin:521125

To,
Telecommunications Consultants India Ltd.
TCIL- Bhawan,
Greater Kailash-1,
New Delhi -110048

Lr. No: 47/SPD/RUSA 2.0/ Equipment/TCIL/2019/10

Dt:29.03.2019

Sub: RUSA, A.P – Purchase order for supply & Implementation of E-Campus Management for 40 Degree Colleges under RUSA 2.0 colleges – Reg.

Ref: 1. Lr.No.47/SPD/RUSA 2.0/Equipment/TCIL/2019/3 Dt:07.03.2019
2. TCIL/TG/049/2019/Proposal/RUSA-AP/CIN:U74999DL1978GO1008911,
Dt:13.03.2019 Proposals received from TCIL through e-mail Dt:14.03.2019
3. Lr.No.47/SPD/RUSA 2.0/ Equipment/TCIL/2019/9 Dt:28.03.2019
4. Clarifications received from TCIL through mail Dt:29.03.2019

With reference first cited, The O/o SPD RUSA, Andhra Pradesh has requested to the Telecommunication Consultants India Ltd (TCIL), Govt. of India undertaking under the administrative control of Department of Telecommunications, Ministry of Communications & Information Technology, Govt. of India for a proposals setting up of Implementation E-Campus Management for 40 institutions behalf of digitalization.

In this connection, vide reference second cited, your quotation along with module wise was submitted to the State Project Directorate RUSA, Govt. of Andhra Pradesh, Vijayawada for the supply and Implementation E-Campus Management to be establish in 40 Degree Colleges across Andhra Pradesh. Hence, the O/o SPD RUSA requested clarifications vide reference third cited.

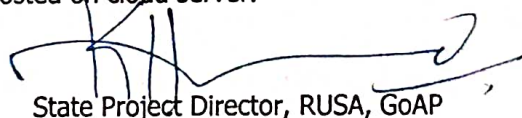
Vide reference fourth cited, The O/o SPD RUSA received clarifications from TCIL and accepted duly complying clarifications.

Description	Cost (Rs.)
Cost of University/ Institute Management Application(A)	4,29,032
GST @18% (B)	77,226
Total Cost: C=A+B	5,06,258
Total no.s of License D	40
Total Cost: E=C*D	2,02,50,320
Rupees Two crores Two lakh Fifty thousand and Three hundred Twenty only	

Terms & conditions:

- | | |
|--------------------------------|---|
| 1. Project Execution Approach: | In the meanwhile, the vendor should provide Project Execution Approach – 4 release cycles has been approached and finalized at O/o SPD RUSA, Vijayawada before the expert committee. 4 release cycles project finalized rolled out installation at institution. |
|--------------------------------|---|

2. Supply & Installation location: At Colleges in Andhra Pradesh.
The vendor shall give training of the software after the installation at institution.
3. Time Line : Within 90 days after the receipt of Work order.
4. Payment terms: 90% payment accepted and 10% after the completion of installation, Commissioning, testing and final acceptance report by the Principal of the respective college reaching to O/o SPD RUSA. Money will be sent in due course. Meanwhile you start the work.
Note: All the Delivery challans & Installation Reports to be Counter signed by the respective college Principal and one set submitted to O/o SPD RUSA.
Payment collects at the college.
5. Technical Support: One Year comprehensive technical support from the date of end user training.
6. Hosting: E-Campus Management is a web based centralized solution. Solution will be hosted on cloud server.



State Project Director, RUSA, GoAP

State Project Director
Rashtriya Uchchatar Shiksha Abhiyan
Government of Andhra Pradesh

Encl: Colleges list
Copy to Expert committee members (procurement)



टेलीकम्युनिकेशन्स कंसलटेंट्स इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Telecommunications Consultants India Limited
(A Government of India Enterprise)

आई एस / आई एस ओ
IS/ISO 9001-2008



प्रभाग
DIVISION

टी. सी. आई .एल. भवन, ग्रेटर कैलाश-I,
नई दिल्ली-110048

TCIL Bhawan, Greater Kailash - I,
New Delhi-110 048

CIN : U74999DL1978GOI008911
13.03.2019

TCIL/TG/049/2019/Proposal/RUSA-AP

To,
The State Project Director,
RUSA,
Government of Andhra Pradesh.

Sub: Proposal for Supply and Implementation of University/ Institute Management application.

Respected Sir,

Telecommunications Consultants India Limited (TCIL) is a Government of India Undertaking under the Department of Telecommunications (DOT). TCIL undertakes consultancy and turnkey projects for setting up of network infrastructure in the field of Telecom and IT using its vast expertise of design and development of solutions involving Telecom, IT, Networking, Software Application Systems and Technologies. Presently, TCIL is operating in more than 60 countries all over the world.

We are pleased to submit our techno-commercial proposal for Supply and Implementation of University/ Institute Management application.

We are always available for any clarifications, if any.

Thanking you.

Yours sincerely,

(Sandeep Singh)
Assistant General Manager (IT)
Phone: +91-11-26202628
E-mail: sandeep.singh@tcil-india.com

Encl. as above



PROPOSAL
For
SUPPLY AND IMPLEMENTATION OF
UNIVERSITY/ INSTITUTE MANAGEMENT
APPLICATION
For
THE STATE PROJECT DIRECTOR
RUSA
GOVERNMENT OF ANDHRA PRADESH

Submitted By:

Telecommunications Consultants India Ltd.
(A Govt. of India Enterprise)
TCIL Bhawan, Greater Kailash – I
New Delhi-110048

Telecommunications Consultants India Ltd.





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[Signature]



1. INTRODUCTION

Telecommunications Consultants India Limited (TCIL) is a leading ISO 9001:2015, ISO/IEC 27001:2005, OHSAS18001 and ISO14001 Certified, Government of India Undertaking incorporated in 1978 under the Administrative control of the Department of Telecommunications (DOT), Ministry of Communications, Govt. of India.

TCIL undertakes consultancy and turnkey projects for setting up of network infrastructure in the field of Telecom and IT using its vast expertise of design and development of solutions involving Telecom, IT, Networking, Software Application Systems and Technologies. Presently, TCIL is operating in more than 60 countries all over the world.

TCIL has emerged as a prime multi-disciplinary organization offering full range of services embracing design, engineering, preparation of sites, equipment specifications, arranging supply and delivery of the equipment and its installation, testing & commissioning. The company also undertakes operation & maintenance, and, technical & managerial training. TCIL also facilitates transfer of technology in all facets of the telecommunications and information technology. TCIL undertake turnkey jobs from concepts to completion in all fields of telecommunications and information technology in India and abroad.

A global venture – TCIL, is the premier multidisciplinary telecommunication organization offering Consultancy services and carrying out turnkey projects the world over.

TCIL provides appropriate technology at a competitive cost. Right from its inception, TCIL has achieved an impressive growth. Today TCIL's operations are spread over more than 60 countries of the Middle - East, South - East Asia, USA, Africa & Europe.

From concept to completion - TCIL renders multi - faceted Telecommunications services ranging from Feasibility Studies, Network Design, Software Development & Re-engineering, Local Telephone Systems, Transmission Systems, Operation and Maintenance of Networks, Rural Telecommunications and Training to Technology transfer.

As a result of emerging liberalization in the telecom sector in India during last few years, TCIL has prepared itself to accept the challenges to meet the market needs by introduction of state-of-the-art technologies in the Information Technology and Telecom.





2. NEED OF THE PROJECT

Education, health and skill development are prime requirement for development of society. Educating the communities of a region would require skilled and expert teaching resources. Also, skilled manpower in various industry segments help improve quality and provide growth. Such resources of expert and skill are deficient in the country and are normally localized in the urban areas.

Following are the flaws in the manual management of the College System

- Paper – The Non-renewable Resource
- Time Consuming Process
- Prone to Errors
- Quality of Review
- Opportunity for Fraud
- Impact on Related Process Efficiency
- Audit Efficiency

The vision of our honorable prime Minister of India is 'transforming India through technology'. Use of IT can put India on the road to fast and inclusive

Govt of AP has embarked on a strategic initiative to automate and optimize the information management and operational processes pertaining to all Colleges in the State of AP. The Department is currently looking for a solution integration (SI) partner to develop and deploy a comprehensive software solution based on open source technologies to facilitate the management of College/University operations, institutionalize tools and procedures for structured management of data to improve the data quality, information availability and expose information through multi channels (SMS, Web Portal, Mobile Devices) to various stakeholder including parents, College authorities, Teachers and Offices of Higher & Technical Education Departments (District office, State Office etc.) along with commissioning a Digital learning platform.





3. WHY UNIVERSITY/ INSTITUTE MANAGEMENT APPLICATION

Specifically built for higher education, our University Management Application ERP systems enable you to:

- **Automate admissions.** Eliminate manual processes and save significant staff time by enabling prospective students to apply online through a self-service portal
- **Provide one-stop student access.** Allow students to enroll, register, and pay for courses through the portal
- **Simplify records management.** With a single system for all your data needs—and a single digital record for each student—any department on campus can find the student information they need
- **Engage faculty.** Give faculty the means to enter and update grades, and have personalized access to timely, accurate, and institution-wide information
- **Manage resources.** Manage personnel, funds and processes more transparently
- **Strengthen decision-making.** Track the metrics you need to guide day-to-day operations, meet reporting requirements, and engage your organization

4. PROJECT SOLUTION

The web based software solution would be multi-tenant in nature; by virtue of which, data/information of all colleges would be managed centrally to enable seamless information flows across the stakeholder tiers. Broadly, the solution would be composed of four distinct sub systems, as follows –

- a. College/University/Campus Management System
- b. Student Portal
- c. Reports and Analytics System





5. SCOPE OF SERVICE

As part of this engagement, TCIL shall undertake the following activities –

- a. Study of the existing processes and produce the requirements specification document and baseline the requirement
- b. Perform the gap analysis with respect to the Off-the-shelf product and prepare the Gap Analysis document capturing the Customization Requirement
- c. Undertake customization to address the base lined requirements
- d. Change the System Test scripts and undertake QA validation
- e. Prepare User Manual and assist User Acceptance Test
- f. Setup all required software components and deploy solution
- g. Undertake data migration/data loading
- h. Solution deployment in production environment
- i. Prepare the operation manuals and carryout knowledge transition to Department IT team as required
- j. Provide post production rollout operational & maintenance support
- k. Prepare End User Training materials and undertake the End User training

6. PROJECT EXECUTION APPROACH

Two Phased Implementation and Rollout. In Phase 1, Agile Methodology with 4 Release cycles has been proposed with process prioritization for each release. In Phase 1, solution will be rolled out to 4 institutions (1 UG University, 1 PG University, 1 College and 1 Polytechnique & Engineering colleges). In Phase 2, the solution will be rolled out to remaining 80 institutions.

TCIL proposes to use Modified Agile model for execution of this project, which perfectly encompasses Scalable, Distributed Agile approach with Location Transparency. This model consists of separate teams with clearly bifurcated responsibilities (a producer-consumer model) operating in an incremental-iterative pipeline approach, following Agile principles and the Scrum methodology. This model further recommends division of the entire scope into multiple releases wherein each release comprises of multiple sprint cycles and each cycle includes Story Elaboration, Design, Construction and Unit Testing, SIT phases.

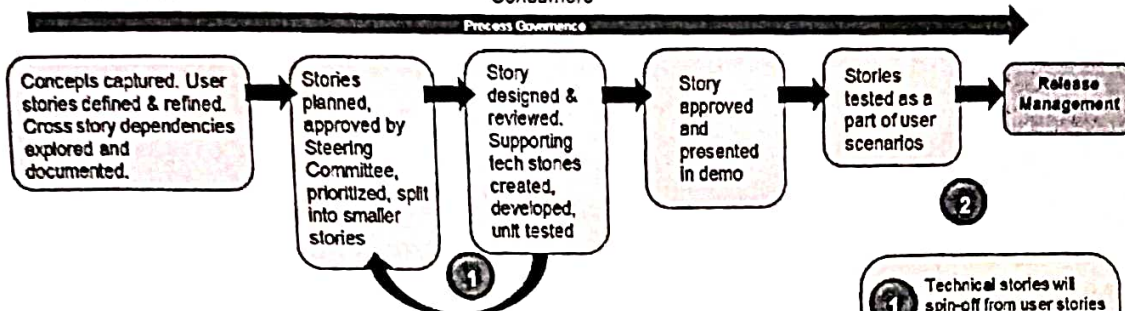




Story Generation "Producers"

Story Realization "Consumers"

Story Validation

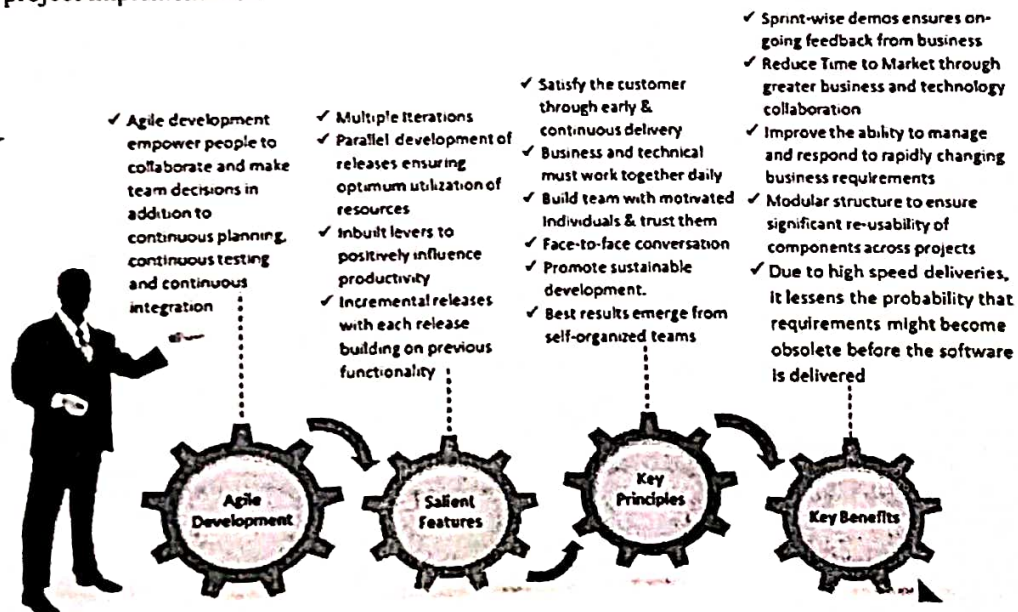


Daily Meetings/ Code Reviews/ Demos

- The developers have to attend SCRUM meetings everyday where all the developers (Offshore & Onsite) give their status on the progress of work
- The meetings also include technical discussion, business clarification with the business SMEs whenever required
- After every iterations there are official Code Review and Requirement Review meetings. In code review meetings the coding done throughout that iterations is reviewed and necessary modifications are made.
- In requirement review meetings a demo of the module that a developer has worked on is given to the business SME. If according to them the process flow and demo meet their business requirement the task against that is marked as Complete

- 1 Technical stories will spin-off from user stories and be added to the product backlog
- 2 SIT will manage integration testing with external groups

Following diagram depicts salient features, key principles and benefits of using Agile methodology for project implementation

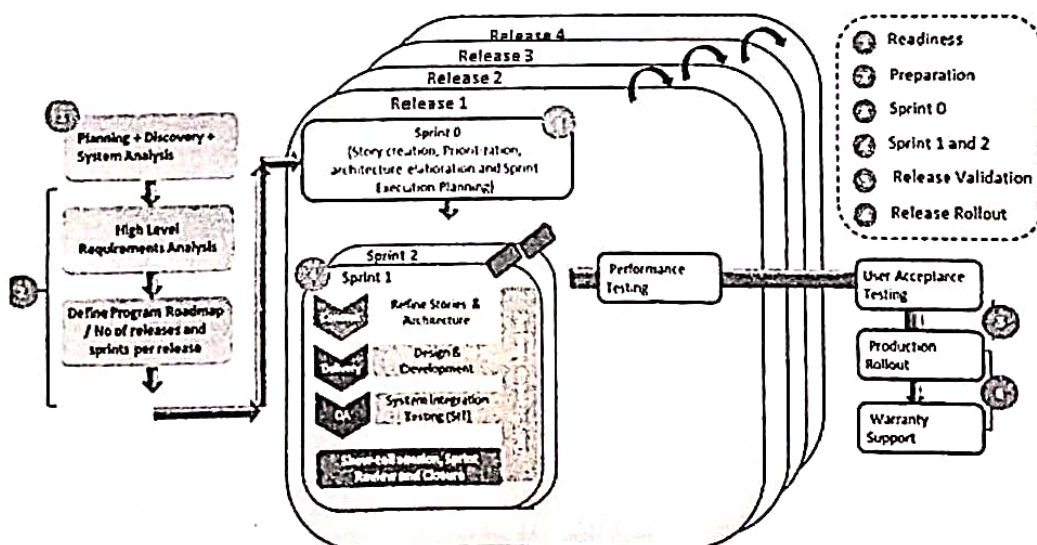
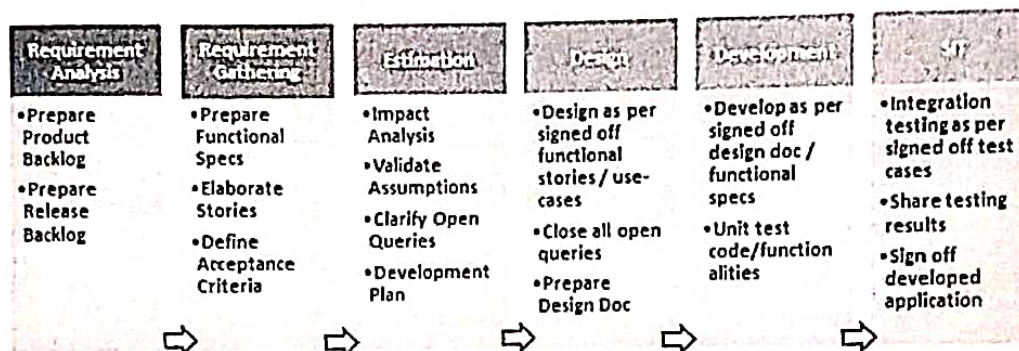




7. EXECUTION METHODOLOGY

TCIL proposes Modified Agile/Scrum approach for the execution of this project. The entire project will be executed in four Releases, where each release will be composed of multiple Agile Sprints of 3 weeks duration. As part of this methodology, a high level list of user stories/use cases will be established at the beginning of the project which shall form the product backlog. We propose Education Department to assign a key decision making Subject Matter Expert as a Product Owner to ensure completed stories during the course of a sprint are accepted and clarification if any are addressed in a timely manner.

Key activities for each phase are given below -





8. PROPOSED EXECUTION PLAN

We plan to implement this project in 2 Phases. In the first phase, Online Examination & registration will be rollout followed by Phase 2 for rollout for remaining modules. The work units of Phase 1, releases will be executed and implemented in 4 parallel release tracks. We plan 32 weeks, for execution of the Phase 1.

The program team along with the client management shall identify all core participants in the project before the start of the engagement.

The below table represents the activities and deliverables that will be delivered:

Phases	Activities	Deliverables
Program Planning	<ul style="list-style-type: none">Prepare and Review high level project plan and risk management planAddress work location and equipment needsInitiate offshore project startup	<ul style="list-style-type: none">Project planRisk management planMonitoring and reporting document templates
Discovery	<ul style="list-style-type: none">Joint process discovery workshops with Higher & Technical Education Department to capture Departments vision of the future solutionProcess mapping, documentation and AS IS solution DemonstrationDefine functional specifications, process diagrams, screen identification and data element identification	<ul style="list-style-type: none">Release wise scope planningSprint planningRevised Estimation and Cost
System Analysis	<ul style="list-style-type: none">Understand Department's existing system and its integration pointIdentify all external interfacesPrepare System Analysis document	<ul style="list-style-type: none">List of interfaces
Enterprise Architecture Design	<ul style="list-style-type: none">Understand Department's prescribed guidelines / frameworks if anyPrepare the 'system architecture document' outlining various architecture views such as functional, system, technology, and deployment	<ul style="list-style-type: none">System Architecture Document





	<ul style="list-style-type: none"> ▪ Chalk out strategy to address Non-functional requirements ▪ Design the work objects and class structures for the functional modules ▪ Design interfaces with the external systems, in terms of the communication protocols, messaging format, and so on 	
Requirement Gathering (each Sprint)	<ul style="list-style-type: none"> ▪ Joint requirements workshops and meetings will be conducted with business users and SMEs to validate requirements ▪ The functionality and workflows supported by TO-BE business system will be identified ▪ Prepare Functional Specifications Document ▪ Carry out knowledge-sharing with the offshore team 	<ul style="list-style-type: none"> ▪ Project Scope and Timelines ▪ Functional Specification Document
Design (each Sprint)	<ul style="list-style-type: none"> ▪ Prepare the 'System Architecture Document' outlining various architecture views such as functional, system, technology, and deployment ▪ Chalks out strategy to address Non-functional requirements ▪ Design interfaces with the external systems, in terms of the communication protocols, messaging format, and so on 	<ul style="list-style-type: none"> ▪ Technical Design Document ▪ Technical Approach/Architecture Diagram ▪ Requirements Traceability Matrix
Customization/Coding & Unit Testing (each Sprint)	<ul style="list-style-type: none"> ▪ Code components as per the coding standards ▪ Develop and document unit test plans for all components ▪ Perform the unit tests and fix any bugs identified during the unit testing ▪ Prepare test strategy and scripts for QA testing ▪ Keep track of issues, weekly status, and progress 	<ul style="list-style-type: none"> ▪ Unit Test Codes ▪ Unit Test Scripts and Test Logs ▪ QA Test Plans and scripts ▪ Requirements Traceability Matrix
System Testing	<ul style="list-style-type: none"> ▪ Deploy the application in the System 	<ul style="list-style-type: none"> ▪ System test strategy and





(each Sprint)	<ul style="list-style-type: none"> and Integration test environment ▪ Carry out System and Integration testing and NFR testing ▪ Fix issues reported during the testing process ▪ Submit tested code for acceptance testing 	<ul style="list-style-type: none"> Plan ▪ System test results ▪ System test logs ▪ Requirements Traceability Matrix ▪ Deployment (checklist) document
Performance Testing (each Release)	<ul style="list-style-type: none"> ▪ Conduct performance testing and report issues ▪ Analyze the reported issues and identify the problem areas 	<ul style="list-style-type: none"> ▪ Fix the issues reported during performance testing
User Acceptance Testing (each Release)	<ul style="list-style-type: none"> ▪ Deploy the application in the QA test environment ▪ Fix issues reported during the testing process ▪ Submit tested code for acceptance testing 	<ul style="list-style-type: none"> ▪ Support Ingersoll Rand with UAT ▪ Known Issue/Bug List ▪ Deployment (checklist) document
Deployment & Warranty Support (each Release)	<ul style="list-style-type: none"> ▪ Analyze the reported issues and identify the problem areas ▪ Provide fixes for issues raised by the customer 	<ul style="list-style-type: none"> ▪ Bug fixed code for re-deployment if any

9. COST ESTIMATE

Description	Cost (Rs.)
Cost of University/ Institute Management Application(A)	4,29,032
GST @ 18% (B)	77,226
Total Cost: C= A+B	5,06,258
Total nos. of License D	40
Total Cost: E=C*D	2,02,50,320
Rupees Two Crores Two Lakh Fifty Thousand Three Hundred Twenty only	

Note: This cost estimate is for 40 Licenses, Which can be installed in 40 Institutes.





10. TERMS & CONDITIONS

- The above prices are inclusive of all taxes
- Payment terms – 90% advance along with confirmed purchase order and balance 10% on delivery and installation.
- The above cost is inclusive of Delivery & Installation at site.
- The system shall be setup in a period of 6 months.
- The Warranty of all the equipment is for 1 (one) year.
- This proposal is valid for 6 months.



Annexure-I (List of Modules and Features)

S. No.	Modules	Features & Functionality
1	Role Based User Management	<ul style="list-style-type: none"> ✓ User creation ✓ Roll creation ✓ Permissions Assignment ✓ Assignment of roll
2	Colleges Management	<ul style="list-style-type: none"> ✓ List of colleges ✓ Mapping Courses/program
3	Program/Courses Management	<ul style="list-style-type: none"> ✓ Course Registration ✓ Course Creation ✓ Course Unit Creation ✓ Subject Structure Creation ✓ Course Session Mapping
4	Admissions Management	<ul style="list-style-type: none"> ✓ Application Fee Confirmation ✓ Verification of admission criteria ✓ Entrance Examination Marks Entry ✓ Merit List Generation ✓ Up-gradation of student in case of vacancy in the other faculty/dept. ✓ Admission letter and identity card generation ✓ Confirmation of Admission
5	Student Management	<ul style="list-style-type: none"> ✓ Student Basic details ✓ Student demographic details ✓ Roll number assignment ✓ Batch assignment ✓ Subjects assignment
6	Fee Management	<ul style="list-style-type: none"> ✓ Bulk Billing ✓ Billing ✓ Waive Of Fine ✓ Generate Fine ✓ Fee Receipt ✓ Fee Refund ✓ Fee Adjustment ✓ Fee Payment ✓ Generate Discount ✓ Change Course ✓ Send SMS
7	Student Attendance Management	<ul style="list-style-type: none"> ✓ Students Daily attendance entry ✓ Absent Notification by SMS ✓ Cumulative attendance ✓ Attendance certificates ✓ Debarred list for examinations
8	Staff Attendance Management	<ul style="list-style-type: none"> ✓ Staff Daily Attendance ✓ Integration with Biometric ✓ Monthly report generation

9	Pre-Examination	<ul style="list-style-type: none"> ✓ Examination registration ✓ Scrutiny of examination registration ✓ Admin card generation
10	Post-Examination	<ul style="list-style-type: none"> ✓ Subject Marks ✓ Compile Result ✓ Final Result ✓ Certificate/Degree Generation ✓ Certificate/Degree Print ✓ Certificate/Degree Sign
11	Hostel Management	<ul style="list-style-type: none"> ✓ Block Creation ✓ Floor Creation ✓ Room Creation ✓ Hostel Setup ✓ Room Allotment ✓ Room Reservation ✓ Room Change request ✓ Hostel fee ✓ Members Card ✓ No Dues Certificate
12	Alumni Management	<ul style="list-style-type: none"> ✓ Alumni Registration ✓ Alumni verification ✓ Notification ✓ Donation
13	SMS/ Email alerts Module	<ul style="list-style-type: none"> ✓ Event based Alert & notification by SMS /Email Manual & Automated
14	Student Portal	<ul style="list-style-type: none"> ✓ Login to secure self-service portal ✓ Hostel Room Change Request Form ✓ Fee Dues ✓ Profile Management
15	Administration/Configuration Management	<ul style="list-style-type: none"> ✓ Set Numbering ✓ System Constants ✓ Master Lists e. g. Districts, intake, Qualification, Institutes, Religion, Employee Designation etc. ✓ Admission rules ✓ Fee Items ✓ Fee Structure ✓ Fine Types & Setup ✓ Discount types & Setup
16	Dynamic Reports	<ul style="list-style-type: none"> ✓ Dynamic reports based on user selection with choice on number of columns, condition and format (Excel/pdf) required.

**GOVT. OF ANDHRA PRADESH
STATE PROJECT DIRECTOR, RUSA
VIJAYAWADA**

Lr.No. 114/SPD/RUSA/TSG/2019/4 dt: 21.11.2019

To,
The principals of GDC, Paderu and GDC, Salur

Sub: Instructions for release of 90% advance payment for E-Campus Management to TCIL (Telecommunications Consultants India Limited)- Reg ..

Ref:

- 1) Minutes of Meeting of SHEC-03 held on 18.12.2018**
- 2) Minutes of Expert Committee Meeting held on 01.03.2019**
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2. RUSA lab with 30 Desktops, 1 Projector, Interactive whiteboard with network etc.
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In this connection SPD, RUSA Andhra Pradesh hereby instruct to the Principals of the above listed colleges to release the 90% of the project cost which is Rs. 4,55,632/- to TCIL through online payment. The account details of TCIL are provided below.

Beneficiary's Name: Telecommunications Consultants India Limited
Account No. : 000705005880
Bank Details: ICICI BANK LIMITED
IFSC Code of Bank: ICIC0000007
MICR Code of Bank: 110229002

PAN Number: **AAACT0061H**
TIN/TAN Number: **DELT00102E**

For your ready reference we are herewith sending the following documents

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Purchase order copy

It is further requested the college to update the Fund Tracker portal with E-Campus Management details.

Nanjusha
26/11/19
For **STATE PROJECT DIRECTOR, RUSA**
ANDHRA PRADESH: VIJAYAWADA
State Project Director
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
Higher Education Department
Government of Andhra Pradesh

Encl:

Proposal for E-Campus Management submitted by TCIL
Module specifications of E-Campus Management
Purchase order copy

PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE, SALUR

PRESENT :: Dr.T.Radha Krishna,M.Com.,Ph.D

Rc.No.04/Budget/2021

Date: 13.07.2021

Sub:- **BUDGET-2021-22** II Quarter – Govt. Degree College, Salur, Vizianagaram District –
Sanction of an Amount of **Rs.530/-** towards Payment of Telephone Charges – For the
period from **01.06.2021 to 30.06.2021**– Orders – Issued – Regarding.

Ref:- Procs. Rc.No. B2/09/2021, Dated 30-06-2021, of the Special Commissioner of
Collegiate Education, Andhra Pradesh, Hyderabad.

* * *

ORDER::

Sanction is hereby accorded for drawal of an amount of **Rs. 530/- (Rupees Five Hundred and Thirty only)** towards **Tele Phone Charges** as detailed below to the AO, Cash, BSNL-Telephone Department, pertaining to Government Degree College, Salur, Vizianagaram District, during the financial year 2021-22.

Sl. No.	Landline No	Beneficiary Account No	Bill Period		Bill Amount Rs.
			From	To	
1	08964295795 (9039990019)	1000032193 (AO CASH BSNL)	01.06.2021	30.06.2021	530-00
	TOTAL				530-00

(Rupees Five hundred and Thirty only)

The Expenditure is debitable to the following Head of Account:

2202 - General Education

03 - University and Higher Education

103 - Government Colleges and Institutions

07 – Government Degree Colleges

130 – Other Office Expenses

131 – Service Postage, Telegram and Telephone Charges (NON-PLAN)


Principal
Government Degree College
Salur, Vizianagaram Dist.

Copy to the Bill.

Copy to the Sub-Treasury Officer, Salur.

Copy to the file



Bharat Sanchar Nigam Limited

NBMS/BMS

Postage Paid in Advance

Tax Invoice

Account No : 9039990019

Invoice No: SDCAP0019796226

Invoice Date : 03/07/2021

Billing Period

01/06/2021 to 30/06/2021

Tariff plan: Fibre Basic / Speed Upto 30Mbps till 3300GB beyond that Upto 2Mbps / Voice unlimited.

GOVERNMENT DEGREE COLLEGE SALUR

00
SRINIVASA COLONY
PRINCIPAL TAMIRI
RADHAKRISHNA
SALUR
VIJAYANAGARAM AP
535591

TELEPHONE NUMBER

08964295795

AMOUNT PAYABLE

₹ 530.00

PAY NOW

DUE DATE

19/07/2021

Account Summary

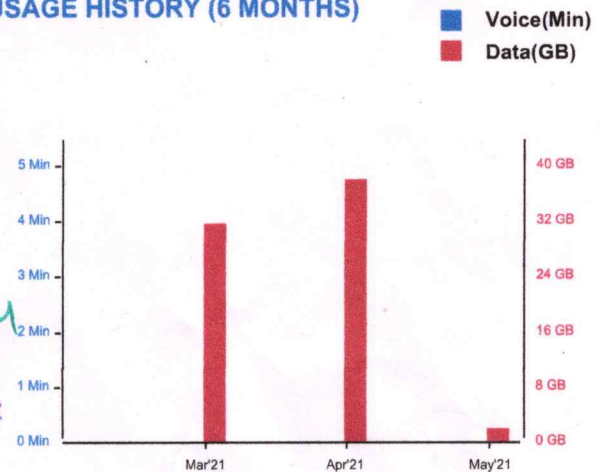
PREVIOUS BALANCE	PAYMENT RECEIVED	ADJUSTMENTS	CURRENT CHARGES	TOTAL DUE	AMOUNT PAYABLE
ముందరి బిల్లు	చెల్పించిన మొత్తం	సర్దుబాటు	ప్రస్తుత బిల్లు	బిల్లు మొత్తం	బిల్లు మొత్తం
(-)	(+)	(+)	(=)	(=)	(=)
₹ 1,047.50	₹ 1,048.00	₹ 0.00	₹ 529.82	₹ 529.32	₹ 530.00

Amount in words : Five Hundred and Thirty Only.

Summary of Charges

Current Charges	ప్రస్తుత బిల్లు	Amount
Recurring Charges	నెలసరి చార్జీ	449.00
One Time Charges	ఒక్కసారి చార్జీలు	0.00
Usage Charges	వాడుక మొత్తం	0.00
Miscellaneous Charges		0.00
Discounts	రాబుతులు	-10.00
Late Fee	ఆలస్య చెల్లింపు	10.00
Total Taxable (Rs.)		449.00
Tax	టాక్స్	80.82
Total Current Charges	మొత్తం బిల్లు	529.82
Tax Details	Tax Rate	Amount
Description		
CGST	9.00%	40.41
SGST	9.00%	40.41
6 Paise Cash Back Offer Amount		0.00

USAGE HISTORY (6 MONTHS)



Dear Customer, We recommend you to pay the bill online using <https://portal.bsnl.in/> or use My BSNL App on your mobile to avail our services 24x7. My BSNL App is available on the Google Play Store. #Unite2FightCorona

Accounts Officer (TR)

Poned for Rs 530/-
(Rupees five hundred and thirty only)

Bill Summary

Dear Customer, Soft copy of this bill has been mailed to your ID salur.jkc@gmail.com. If mail ID is incorrect, please update correct ID at www.selfcare.bsnl.co.in/ or nearest BSNL CSC and get discount of Rs. 10/- per bill for 10 months.

- PAYMENT SLIP -

BHARAT SANCHAR NIGAM LTD



Mode of payment

☐ Cash ☐ Cheque/DD ☐ Credit/Debit Card

Cheque/DD No. _____ Dated _____ Bank _____ Branch _____

Please Charge Rs. _____ Signature _____

Invoice No	SDCAP0019796226
Invoice Date	03/07/2021
Account No	9039990019
Phone No	08964295795
Due Date	19/07/2021
Amount Payable	₹ 530.00



Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash), BSNL, Vijayanagaram.

For Bank use only

This is a Computer generated Bill and does not require any Signature.

PROCEEDINGS OF THE PRINCIPAL, GOVT. DEGREE COLLEGE, SALUR

PRESENT :: Dr.T.Radha Krishna,M.Com.,Ph.D

Rc.No.04/Budget/2021

Date: 19.06.2021

Sub:- **BUDGET-2021-22** – Govt. Degree College, Salur, Vizianagaram District – Sanction of an Amount of **Rs.2051/-** towards Payment of Telephone Charges – For the period from **01.05.2021 to 31.05.2021**– Orders – Issued – Regarding.

Ref:- Procs. Rc.No. B4/04/2021, Dated 27-04-2021, of the Commissioner of Collegiate Education, Andhra Pradesh, Hyderabad.

* * *

ORDER::

Sanction is hereby accorded for drawal of an amount of **Rs. 2051/- (Rupees Two Thousand and Fifty One only)** towards **Tele Phone Charges** as detailed below to the AO, Cash, BSNL-Telephone Department, pertaining to Government Degree College, Salur, Vizianagaram District, during the financial year 2021-22.

Sl. No.	Landline No	Beneficiary Account No	Bill Period		Bill Amount Rs.
			From	To	
1	08964295794 (9039973875)	1000032193 (AO CASH BSNL)	01.05.2021	31.05.2021	1003-00
2	08964295795 (9039990019)	1000032193 (AO CASH BSNL)	01.05.2021	31.05.2021	1048-00
	TOTAL				2051-00

(Rupees Two Thousand and Fifty One only)

The Expenditure is debitable to the following Head of Account:

2202 - General Education

03 - University and Higher Education

103 - Government Colleges and Institutions

07 – Government Degree Colleges

130 – Other Office Expenses

131 – Service Postage, Telegram and Telephone Charges (NON-PLAN)

Copy to the Bill.

Copy to the Sub-Treasury Officer, Salur.

Copy to the file

R. Radha Krishna
19/06/2021
PRINCIPAL
Govt. Degree College
SALUR, Vizianagaram Dist.



Bharat Sanchar Nigam Limited

NBMS/BMS

Postage Paid in Advance

Tax Invoice

SALUR GOVERNMENT DEGREE COLLEGE
00
SRINIVASA COLONY
TAMIRI RADHAKRISHNA
SALUR
VIJAYANAGARAM AP
535591

TELEPHONE NUMBER

08964295794

Account No : 9039973875

Invoice No: SDCAP0019401666

Invoice Date : 03/06/2021

Billing Period

01/05/2021 to 31/05/2021

Tariff plan: 150GB Plan CS300 - Bharat Fiber / Speed Upto 50Mbps till 150GB beyond that Upto 2Mbps / Voice unlimited.

AMOUNT PAYABLE

₹ 1003.00

PAY NOW

DUE DATE

19/06/2021

Account Summary

PREVIOUS BALANCE
ముందరి బిల్లు
₹ 495.43

PAYMENT RECEIVED
చెల్పిన మొత్తం
₹ 0.00

ADJUSTMENTS
సర్దుబాటు
₹ 0.00

CURRENT CHARGES
ప్రస్తుత బిల్లు
₹ 507.40

TOTAL DUE
బిల్లు మొత్తం
₹ 1,002.83

AMOUNT PAYABLE
బిల్లు మొత్తం
₹ 1003.00

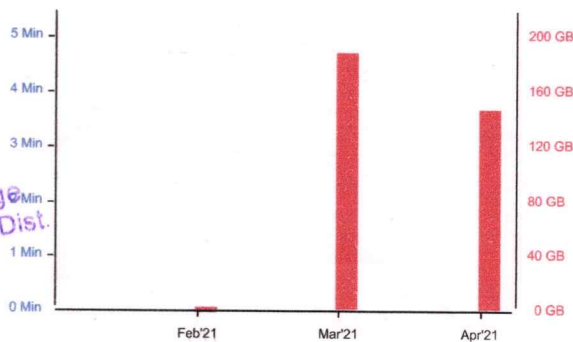
Amount in words : One Thousand and Three Only.

Summary of Charges

Current Charges	ప్రస్తుత బిల్లు	Amount ₹
Recurring Charges	నెలనరి చార్జీ	430.00
One Time Charges	ఒక్కసారి చార్జీలు	0.00
Usage Charges	వాడుక మొత్తం	0.00
Miscellaneous Charges		0.00
Discounts	రాయితీలు	-10.00
Late Fee	ఆలస్య చెల్లింపు	10.00
Total Taxable (Rs.)		430.00
Tax		77.40
Total Current Charges	మొత్తం ప్రస్తుత బిల్లు	507.40
Tax Details		
Description	Tax Rate	Amount
CGST	9.00%	38.70
SGST	9.00%	38.70
6 Paise Cash Back Offer Amount		0.00

USAGE HISTORY (6 MONTHS)

Voice(Min)
Data(GB)



Dear Customer, We recommend you to pay the bill online using <https://portal.bsnl.in/> or use My BSNL App on your mobile to avail our services 24X7. My BSNL App is available on the Google Play Store. #Unite2FightCorona

Download My BSNL App and

Change Your Plan

Check & Pay Your Bills

Book Your Fiber Connection

Online

Available on Google Play and App Store

Scan 'QR' code to make online payment.



Accounts Officer (TR)

BSNL REWARDS

SUMMER COLLECTION

Is Now Live

SHOP@12

USE CODE AND GET ADDITIONAL 12% OFF ON APPAREL

Dear Customer, Soft copy of this bill has been mailed to your ID salur.jkc@gmail.com. If mail ID is incorrect, please update correct ID at www.selfcare.bsnl.co.in or nearest BSNL CSC and get discount of Rs. 10/- per bill for 10 months.

- PAYMENT SLIP -

BHARAT SANCHAR NIGAM LTD

Mode of payment

Cash ☐ Cheque/DD ☐ Credit/Debit Card ☐

Cheque/DD No. _____ Dated _____ Bank _____ Branch _____

Please Charge Rs. _____ Signature _____

PRINCIPAL

Govt. Degree College

SALUR, Vijayanagaram Dist.

Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash); BSNL, Vijayanagaram.

For Bank use only

This is a Computer generated Bill and does not require any Signature.

Page 1 of 3



Bharat Sanchar Nigam Limited

NBMS/BMS

Postage Paid in Advance

Tax Invoice

GOVERNMENT DEGREE
COLLEGE SALUR
00
SRINIVASA COLONY
PRINCIPAL TAMIRI
RADHAKRISHNA
SALUR
VIJAYANAGARAM AP
535591

TELEPHONE NUMBER

08964295795

Account No : 9039990019

Invoice No: SDCAP0019401310

Invoice Date : 03/06/2021

Billing Period

01/05/2021 to 31/05/2021

Tariff plan: Fibre Basic / Speed Upto 30Mbps till 3300GB beyond that Upto 2Mbps / Voice unlimited.

AMOUNT PAYABLE

₹ 1048.00

PAY NOW

DUE DATE

19/06/2021

Account Summary

PREVIOUS BALANCE	PAYMENT RECEIVED	ADJUSTMENTS	CURRENT CHARGES	TOTAL DUE	AMOUNT PAYABLE
ముందరి బిల్లు	చెల్లించిన మొత్తం	సర్దుబాటు	ప్రస్తుత బిల్లు	బిల్లు మొత్తం	బిల్లు మొత్తం
(-)	(+)	(+)	(=)	(=)	(=)
₹ 1,467.68	₹ 950.00	₹ 0.00	₹ 529.82	₹ 1,047.50	₹ 1048.00

Amount in words : One Thousand and Forty Eight Only.

Summary of Charges

Current Charges	ప్రస్తుత బిల్లు	Amount
Recurring Charges	నెలసరి చార్జీ	449.00
One Time Charges	ఒక్కసారి చార్జీలు	0.00
Usage Charges	వాడుక మొత్తం	0.00
Miscellaneous Charges		0.00
Discounts	రాయితీలు	-10.00
Late Fee	ఆలస్య చెల్లింపు	10.00
Total Taxable (Rs.)		449.00
Tax	ట్యాక్స్	80.82
Total Current Charges	మొత్తం బిల్లు	529.82

Tax Details

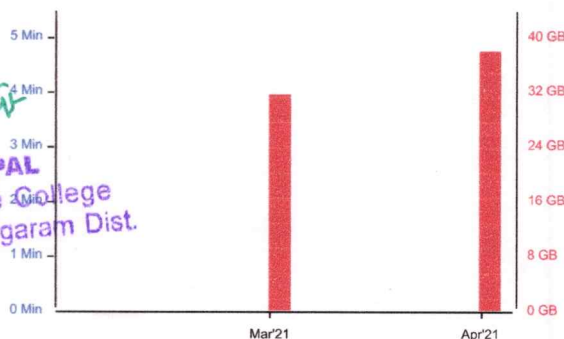
Description	Tax Rate	Amount
CGST	9.00%	40.41
SGST	9.00%	40.41

6 Paise Cash Back Offer Amount

0.00

USAGE HISTORY (6 MONTHS)

Voice(Min)
Data(GB)



Dear Customer, We recommend you to pay the bill online using <https://portal.bsnl.in/> or use My BSNL App on your mobile to avail our services 24X7. My BSNL App is available on the Google Play Store. #Unite2FightCorona

Download My BSNL App and

Change Your Plan

Check & Pay Your Bills

Book Your Fiber Connection

Online

Google Play App Store

Scan 'QR' code to make online payment.



Accounts Officer (TR)

BSNL REWARDS

SUMMER COLLECTION

Is Now Live

SHOP@12

USE CODE

Dear Customer, Soft copy of this bill has been mailed to your ID salur.jkc@gmail.com. If mail ID is incorrect, please update correct ID at www.selfcare.bsnl.co.in or nearest BSNL CSC and get discount of Rs. 10/- per bill for 10 months.

- PAYMENT SLIP -

Mode of payment

Cash ☐ Cheque/DD ☐ Credit/Debit Card ☐

Cheque/DD No. _____ Dated _____ Bank _____ Branch _____

Please Charge Rs. _____ Signature _____

BHARAT SANCHAR NIGAM LTD



₹ 1048/- (Rupees one thousand and forty eight only)

PRINCIPAL

Govt. Degree College
SALUR, Vizianagaram Dist.

Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash), BSNL, Vijayanagaram.

For Bank use only

This is a Computer generated Bill and does not require any Signature.

Page 1 of 4

S. No. **104**

CASH BILL

Date: **30/03/16**

SKY LINE WIRELESS SERVICES

44-3-95, Duggana Street, SALUR, Vizianagaram Dist. A.P.

Mukesh - 9701288086, Manoj - 9492021691

Contact No : 8341683022

Name : **J. K. C. Groul. Degree (1st)** I.D. _____

Address : **Salur**

Mobile : _____ Installation Fee : _____

Month Fee **28 Nov-16 - 27 - NOV - 2017**

Total : 8,000/-

**Payment Through
cheque no. 662994**

Customer Signature

Kul

Signature

S. No. **43**

CASH BILL

Date: _____

SKY LINE NETWORK

Upstair Indian 1 ATM, Main Road, SALUR, Vizianagaram Dist. A.P.

Mukesh - 9912088086, Manoj - 9492021691

Contact No : 8341683022

Name : Gout Degree College, salur

Address : _____

Mobile : _____ Installation Fee : _____

Month Fee : Feb 01 to Apr / 30

Total : 1800/-

[Signature]
Customer Signature

[Signature]
Signature



BHARAT SANCHAR NIGAM LIMITED

O/o General Manager, BSNL Bhavan, Vizianagaram, Andhra Pradesh - 535002
Telephone Bill / Tax Invoice

Name & Address of the Customer:

GOVT. DEGREE COLLEGE SALUR
GOVT. DEGREE COLLEGE
GOVT. DEGREE COLLEGE, SALUR
SALUR
SALUR
VIJAYANAGARAM AP
535591

Customer Id 4023769357
Account Number 9037905238
Phone Number 08964242914
Bill Number & Date SZDAP0000084718 & 06/09/2017
Issue Date 06/09/2017
Bill Period 01/08/2017 to 31/08/2017
Payment Due Date 26/09/2017
Customer Type Individual
Credit Limit 3,000.00

Account Summary(In Rupees)

Previous Balance (Ignore, if paid)	Payments Received	Balance Amount	Adjustments	Current Bill Amount	Amount Payable (Rounded to next Rupee) F=E+C-D
A	B	C=A-B	D	E	F=E+C-D
0.00	- 1,195.00	= -1,195.00	+ 0.00	+ 2,471.58	= 1,277.00

Loyalty Points

0

Late Fee shall be levied in the next bill @ 2% of the outstanding amount pending after Payment Due Date. Min. Late Fee is Rs 10/-

Rupees in Words: One Thousand Two Hundred and Seventy Seven Only

Dear Customer, Please visit www.selfcare.bsnl.co.in for enquiry on bills.

*** "Reverse charge" is not applicable ***

Payment Details

Description
Demand Note Payment
Demand Note Payment
Total

Account Level Details

Date
21/08/2017
21/08/2017

Amount(Rs.)
695.00
500.00
1,195.00

Summary of Charges Amount(Rs.)

Monthly Charges 230.64
Usage Charges 1.20
One Time Charges 2,045.00
Discounts 0.00
Late Fee 0.00
Total Taxable (Rs.) 1,081.84
GST 194.74
Total Charges (Rs.) 2,471.58

Tax Details	Tax Rate	Amount
CGST	9.00%	97.37
SGST/UTGST	9.00%	97.37
Total GST	18.00%	194.74

Accounts Officer(TR)

This is a Computer generated Bill and hence does not require any Signature

Scan 'QR' code for making Bill Payment through Internet



F & OE

COUNTER FOIL

BHARAT SANCHAR NIGAM LIMITED

O/o General Manager, BSNL Bhavan, Vizianagaram, Andhra Pradesh - 535002

Account Number 9037905238 Phone Number 08964242914 Amount Payable 1,277.00
Bill Number SZDAP0000084718 Bill Date 06/09/2017 Payment Due Date 26/09/2017



For Use of PO's/
Banks only



Mode of Payment

Cheque /DD No ☐ Cash ☐ Cheque/DD ☐ Credit/Debit Card ☐ E-Payment
Please Charge Rs. Against Card No. Bank Branch Amount
Signature Card Holder's Name Card Expiry Date
☐ Visa ☐ Master
☐ Diners ☐ Amex

Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded up) in favour of AO (Cash), BSNL, Vizianagaram.

Note: Post Offices / Banks to accept Bills for Current Bill Amount or Amount Payable against Account Number on or before Due Date only.



BHARAT SANCHAR NIGAM LTD.

VIZIANAGARAM TELECOM DISTRICT

RECEIPT

Salur - 295794

R. 1032 / -

Rs. 1032 / -

Signature of the Counter Clerk



BHARAT SANCHAR NIGAM LTD.

VIZIANAGARAM TELECOM DISTRICT

TELEPHONE BILL

PAN NO.: AABC85576G

Name & Address of the Customer/ విజయనగరానికి పేరు మరియు చిరునామా

GOVT. DEGREE COLLEGE SALUR
GOVT. DEGREE COLLEGE
GOVT. DEGREE COLLEGE, SALUR
SALUR
SALUR
VIJAYANAGARAM AP
535591

Customer Id 4023769357
Account Number 9037905238
Phone Number 08964242914
Bill Number & Date SDCAP0001757986 & 06/02/2018
Issue Date 06/02/2018
Bill Period 01/01/2018 to 31/01/2018
Payment Due Date 26/02/2018
Customer Type Individual
Credit Limit 3,000.00

Account Summary(In Rupees)/ ఖాతా సారాంశము (రూపాయలలో)

Loyalty Points 0

Previous Balance (Ignore, if paid) ముందు బిల్లు		Payments Received చెల్లించిన మొత్తం		Balance Amount చెల్లించవలసిన మొత్తం		Adjustments సర్దుబాటు		Current Bill Amount ప్రస్తుత బిల్లు		Amount Payable (Rounded to next Rupee) బిల్లు మొత్తం
A		B		C=A-B		D		E		F=E+C-D
835.50	-	836.00	=	-0.50	+	0.00	+	836.41	=	836.00

Late Fee shall be levied in the next bill @ 2% of the outstanding amount pending after Payment Due Date. Min. Late Fee is Rs 10/-

Rupees in Words: Eight Hundred and Thirty Six Only

"Reverse charge" is not applicable

From 01-01-2018, Night free calling time on week days revised as 10.30 PM to 6 AM.

Dear Customer, Please opt to receive bills through email and get Rs.10/- discount in every bill.
For more details, contact nearby CSC or AO (TR).

Account Level Details

Description	Date	Amount(Rs.)
Cheque Payment	30/01/2018	836.00
Total		836.00

Summary of Charges/ బిల్లు సారాంశము

Monthly Charges/ నెలనది ఛార్జీలు	695.00
Usage Charges/ వాడుక మొత్తం	0.00
One Time Charges/ ఒక్కసారి ఛార్జీలు	0.00
Discounts/ రాయితీలు	0.00
Late Fee/ ఆలస్య చెల్లింపు ఛార్జీ	13.83
Total Taxable (₹)/	708.83
GST/ టాక్సు	127.58
Total Charges (₹)/ మొత్తం బిల్లు	836.41

Tax Details	Tax Rate	Amount
CGST	9.00%	63.79
SGST/UTGST	9.00%	63.79
Total GST	18.00%	127.58

Accounts Officer(TR)

Computer generated Bill and may not contain Signature

Dear Customer,
As a part of our Go Green initiative, we are pleased to offer the option to receive the telephone bill by email, with a discount of Rs.10/- in the bill.

Please use the consent letter given on the reverse and email the signed scanned Consent to bsnlvizn@green@gmail.com or submit at the nearest CSC/AO-TR office.

Scan 'QR' code for making Bill Payment through Internet



COUNTER FOIL

BHARAT SANCHAR NIGAM LIMITED

O/o General Manager, BSNL Bhavan, Vizianagaram, Andhra Pradesh - 535002

Account Number 9037905238 Phone Number 08964242914 Amount Payable 836.00
Bill Number SDCAP0001757986 Bill Date 06/02/2018 Payment Due Date 26/02/2018



For Use of PO's/
Banks only



Mode of Payment ☐ Cash ☐ Cheque/DD ☐ Credit/Debit Card ☐ E-Payment
Cheque/DD No. _____ Date _____ Bank _____ Branch _____ Amount _____
Please Charge ₹ _____ Against Card No. _____ Card Expiry Date _____
Signature _____ Card Holder's Name _____
☐ Visa ☐ Master
☐ Diners ☐ Amex

Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded up) in favour of AO (Cash), BSNL, Vizianagaram.
Note: Post Offices / Banks to accept Bills for Current Bill Amount or Amount Payable against Account Number on or before Due Date only.



BHARAT SANCHAR NIGAM LTD.

VIZIANAGARAM TELECOM DISTRICT

**BILL MAIL SERVICE
POSTAGE PAID IN
ADVANCE**

Name & Address of the Customer: / వినియోగదారుని పేరు మరియు చిరునామా

GOVT. DEGREE COLLEGE SALUR
GOVT. DEGREE COLLEGE
GOVT. DEGREE COLLEGE, SALUR
SALUR
SALUR
VIJAYANAGARAM AP
535591

SL303



UNLIMITED BROADBAND

Just for **₹249/-** Per Month

Speed 8 Mbps upto 5 GB,
2Mbps beyond

Rent free Ladline | Free Installation
(Limited Period Offer)

**BSNL
BROADBAND**

ADSL Wi-Fi Modem
price slashed!!
Get a BSNL ADSL
Wi-Fi Modem
@ Rs.1250/- only
(with 5 years warranty)

LANDLINE

@ **₹49/-**

Per Month
Free Installation
Free SIM
(Limited Period Offer)

**Free
Night Calling**

10.30 PM. TO 6 A.M.
from Landline to
any Network

FOR MORE DETAILS DIAL 1500

To:

BSNL, Vizianagaram Telecom District

Consent form for 'Go Green'

I hereby opt for 'Go Green Initiative' of BSNL and I am willing to accept bills for my BSNL Telephone/Mobile No. through e-bill on following email id and message on following mobile number.

I hereby agree that I will not claim any printed bill. If a duplicate bill is required, I will be willing to pay charges as decided by BSNL from time to time. In case, there is any change in the following email id and / or mobile number in future, I will intimate the same to BSNL.

Customer Name: _____

E bill opted for Telephone No. _____ (OR) Post Paid Mobile No _____

(Billing Account No _____)

Email id: _____ (for getting bill by email)

Mobile No: _____ (for getting bill issue alerts etc.)

Date: _____

Signature of customer

Note:- 1. Please sign this form and submit at nearest CSC or AO (TR) office.

2. You can also scan and email the signed form to bsnlvzm.gogreen@gmail.com

3. Please confirm the consent (over phone) when BSNL officials contact you for the same.

BHARAT SANCHAR NIGAM LTD.

VIZIANAGARAM TELECOM DISTRICT

TELEPHONE BILL

PAN NO : AABC85576G

GST NO : 37AABC85576G3Z1

Name & Address of the Customer: / వినియోగదారుని పేరు మరియు చిరునామా

GOVT. DEGREE COLLEGE SALUR
GOVT. DEGREE COLLEGE
GOVT. DEGREE COLLEGE, SALUR
SALUR
SALUR
VIJAYANAGARAM AP
535591

Customer Id 4023769357
Account Number 9037905238
Phone Number 08964242914
Bill Number & Date SDCAP0004366249 & 06/07/2018
Issue Date 06/07/2018
Bill Period 01/06/2018 to 30/06/2018
Payment Due Date 21/07/2018
Customer Type Individual
Credit Limit 3,000.00

Account Summary (In Rupees) / ఖాతా సారాంశము (రూపాయలలో)

Loyalty Points 0

Previous Balance (Ignore, if paid) ముందరి బిల్లు	Payments Received చెల్లించిన మొత్తం	Balance Amount చెల్లించవలసిన మొత్తం	Adjustments సర్దుబాటు	Current Bill Amount ప్రస్తుత బిల్లు	Amount Payable (Rounded to next Rupee) బిల్లు మొత్తం
A	B	C=A-B	D	E	F=E+C-D
4,040.56	0.00	4,040.56	0.00	0.00	4,041.00

Late Fee shall be levied in the next bill @ 2% of the outstanding amount pending after Payment Due Date. Min. Late Fee is Rs 10/-

Rupees in Words: Four Thousand and Forty One Only

"Reverse charge" is not applicable

Dear Customer, Please opt to receive bills through email and get Rs.10/- discount in every bill. Send SMS as: LLBILL <STDCODE-PhoneNo> <Mailid> to 9442253733 from any Mobile. Eg: LLBILL 040- 27100805 abcdef@gmail.com Due to administrative reasons, payment due date is preponed to 15 days from bill date. If not paid, line will be disconnected immediately.

Summary of Charges / బిల్లు సారాంశము

Monthly Charges/ నెలవారీ ఛార్జీలు	0.00
Usage Charges/ వాడుక మొత్తం	0.00
One Time Charges/ ఒక్కసారి ఛార్జీలు	0.00
Discounts/ రాముతలు	0.00
Late Fee/ అలస్య చెల్లింపు ఛార్జీ	0.00
Total Taxable (₹) /	0.00
GST/ టాక్సు	0.00
Total Charges (₹) / మొత్తం బిల్లు	0.00

BSNL

Connecting India

Get extra
2GB Data/Day
on plan vouchers

186 429 485 666 999

Promotional offer from 18.06.2018 to 16.08.2018

Now pay BSNL landline/mobile bills and recharge mobile using My BSNL App. Download mobile App @ http://myapp.bsnl.co.in.
For further details, Contact Our Customer Service Centre or Call 103 or 1800-180-1501.
Follow us at: https://www.facebook.com/bsnlcorporate https://twitter.com/bsnlcorporate https://www.instagram.com/bsnlcorporate https://www.youtube.com/bsnlcorporate
BHARAT SANCHAR NIGAM LIMITED, Regd. & Corporate Office: Bharat Sanchar Bhavan, H.C. Mathur Lane, Janpath, New Delhi-110001
Corporate Identity Number(CIN): U74699DL2000 GOI 107739

Accounts Officer(TR)

Computer generated Bill and may not contain Signature

Scan 'QR' code for making Bill Payment through Internet



E & OE

Printed by CMS IT Services Pvt Ltd

COUNTER FOIL

BHARAT SANCHAR NIGAM LIMITED

O/o General Manager, BSNL Bhavan, Vizianagaram, Andhra Pradesh - 535002

Account Number	9037905238	Phone Number	08964242914	Amount Payable	4,041.00
Bill Number	SDCAP0004366249	Bill Date	06/07/2018	Payment Due Date	21/07/2018
Mode of Payment		For Use of PO's/ Banks only			
<input type="checkbox"/> Cash <input type="checkbox"/> Cheque/DD <input type="checkbox"/> Credit/Debit Card <input type="checkbox"/> E-Payment		Date _____ Bank _____ Branch _____		Amount _____ <input type="checkbox"/> Visa <input type="checkbox"/> Master <input type="checkbox"/> Diners <input type="checkbox"/> Amex	
Please Charge Rs. _____		Against Card No. _____		Card Expiry Date _____	
Signature _____		Card Holder's Name _____			
Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded up) In favour of AO (Cash), BSNL, Vijayanagaram.					
Note: Post Offices / Banks to accept Bills for Current Bill Amount or Amount Payable against Account Number on or before Due Date only.					



BHARAT SANCHAR NIGAM LTD.

**BILL MAIL SERVICE
POSTAGE PAID IN
ADVANCE**

VIZIANAGARAM TELECOM DISTRICT

Name & Address of the Customer: / వినియోగదారుని పేరు మరియు చిరునామా

GOVT. DEGREE COLLEGE SALUR
GOVT. DEGREE COLLEGE
GOVT. DEGREE COLLEGE, SALUR
SALUR
SALUR
VIJAYANAGARAM AP
535591

SL.NO: 275

BSNL Unlimited Deal like never before!



Particulars	BBG Combo Unlimited Plan			
	45 GB	150 GB	300 GB	600 GB
Bandwidth (with best effort download speed) subject to technical feasibility	Up to 20 Mbps till 1.5 GB/Day, up to 1 Mbps beyond	Up to 20 Mbps till 5 GB/Day, up to 1 Mbps beyond	Up to 20 Mbps till 10 GB/Day, up to 1 Mbps beyond	Up to 20 Mbps till 20 GB/Day, up to 1 Mbps beyond
Fixed Monthly Charges (Rs.)	99	199	299	491
Free Calls and Additional Facility	24 hrs free unlimited calling (Local +STD) on any network within India			

*Terms and conditions apply. The plans shall be available only for the New Broadband Customers.

Follow us on: f <https://www.facebook.com/bsnlcorporate> t <https://twitter.com/bsnlcorporate> | For Details: Call 1500

INFORMATION TO CUSTOMER

- For Faults Repair Dial : 198 For Customer Care & Billing enquiry, Dial: 1500 Further details of Customer grievance redressal mechanism is available at our website www.bsnl.co.in
- Telephone bills can be paid by Cash/Cheque/DD/Debit/Credit Cards at the following centers.

- All Online Cash Counters and Customer Service Center of BSNL.
 - All Head Post Offices and designated Sub Branch Post Offices up to Pay by Date.
 - All branches of Indian Bank/UTI ATM.
 - Tech process/Bill Desk(ECS)/ICICI Gateway(Credit/Debit cards).
 - Payment can also be made through ECS and Internet Banking. For Internet Banking Please login to "www.bsnl.co.in"
- For change of Billing Address Kindly approach AOT(Tr) Commercial Officer of your exchange area.
 - No migration fee is chargeable for migrating to any tariff plan.
 - No increase permissible in any item of tariff for a period of six months from the date of enrolment of a subscriber under a tariff plan.
 - No charge to be levied for any service without explicit consent of the consumer.
 - Refund of security deposit for providing telephone to be made, within 60 days of closure of telephone connection, otherwise eligible for interest @ 10% per annum.
 - Please log on for Tariff plan and financial implications on "www.ap.bsnl.co.in" or www.bsnl.co.in
 - Broadband Toll Free Help Desk Number 1800 345 1500

- Note:**
- BSNL Broad Band is available on demand. Contact Commercial Officer Concerned/Customer Service Center.
 - Customer are advised to change their Broadband password frequently.
 - To know your Broadband Account usage, please visit www.dataone.in (or) www.bbservice.bsnl.in (or) www.selfcare.sdc.bsnl.co.in
 - STD facility on the phone provided to you is available now by default. In case of unwillingness to have STD facility, you may opt in writing for barring of STD facility.

Get extra
2GB Data/Day
on STVs

Now pay BSNL landline/mobile bills and recharge mobile using My BSNL App. Download mobile App@<http://myapp.bsnl.co.in>.
For further details: Contact Our Customer Service Centre or Call 1500 or 1800-198-1983.
Follow us at f <https://www.facebook.com/bsnlcorporate> t <https://twitter.com/bsnlcorporate> i <https://www.instagram.com/bsnlcorporate> y <https://www.youtube.com/bsnlcorporate>
BHARAT SANCHAR NIGAM LIMITED: Regd.&Corporate Office: Bharat Sanchar Bhawan, H.C. Mathur Lane, Janpath, New Delhi-110001
Corporate Identity Number(CIN): U74699DL2000 GOI 107739

Promotional offer from 18.06.2018 to 16.08.2018

187 333 349 444 447

BSNL customers can now book the Landline/Broadband faults & get the bill details through SMS from any Mobile Number. Just send SMS to 9478053334 with the following syntax.

- Broadband Fault booking - BFT<space><STD Code-Tel.No>
- Landline Fault booking - FLT<space><STD Code-Tel.No>
- Bill Enquiry - BILL <space><STD Code-Tel.No><space><Billing A/c No.>

Save paper and save trees - Go-Green with BSNL : To receive bills through Email only-

- Log on to selfcare.sdc.bsnl.co.in and place a request in service-> submit request for changes to your profile or
- Type EMS<Billing Account Number><email-id> and SMS to 53334 or
- Call 1500 or visit BSNL CSC and get 10 Loyalty Reward Points (10 free units).

Provide your e-mail id & mobile no Opt for e-billing GREEN Initiation

DENOMINATION OF CASH PAID (To be filled in by payer)

2000 X	
500 X	
100 X	
50 X	
20 X	
10 X	
5 X	
2 X	
1 X	
TOTAL	

PAYMENT SLIP

FOR CHEQUE / DD

Name of the Bank	
Name of the Branch	
Cheque/ DD Number	
Date	
Amount	



BHARAT SANCHAR NIGAM LIMITED

O/o General Manager, BSNL Bhavan, Vizainagaram, Andhra Pradesh - 535002

Account Number 9037905238 Bill Number SDCAP0004366249 Bill Date 06/07/2018 Payment Due Date 21/07/2018

Name & Address of the Customer:

GOVT. DEGREE COLLEGE SALUR
GOVT. DEGREE COLLEGE
GOVT. DEGREE COLLEGE, SALUR
SALUR
SALUR
VIJAYANAGARAM AP
535591

List of Services

Phone Number/Service ID	Monthly Charges	Usage Charges	One Time Charges	Discounts
08964242914	0.00	0.00	0.00	0.00
id8964242914_scdrid	0.00	0.00	0.00	0.00

Phone Number/Service ID 08964242914

Installation Address:

GOVT. DEGREE COLLEGE, GOVT. DEGREE COLLEGE, SALUR, SALURU TOWN, SALUR, VIJAYANAGARAM, Andhra Pradesh -535591

Bill Plan: 703692 / BB - BBG Combo ULD 695 CS184

Phone Number/Service ID id8964242914_scdrid

Installation Address:

GOVT. DEGREE COLLEGE, GOVT. DEGREE COLLEGE, SALUR, SALURU TOWN, SALUR, VIJAYANAGARAM, Andhra Pradesh - 535591

Bill Plan: 703692 / BB - BBG Combo ULD 695 CS184

Success! Your payment of Rs. 530/- is successful.

Acknowledgement



Bharat Sanchar Nigam Limited

(A Govt. of India Enterprise)

Acknowledgement for Payment of Bills/Demand notes

Customer Name	GOVERNMENT DEGREE COLLEGE SALUR
Receipt No	882203254432089
Transaction ID	PYRS2503221097779
Transaction Date	2022-03-25 00:00:00.0
Amount	Rs. 530/-
Phone No	8964295795
Account No	9039990019
Bank Reference No	
Invoice No	SDCAP0022617795

Success! Your payment of Rs. 1510/- is successful.

Acknowledgement



Bharat Sanchar Nigam Limited

(A Govt. of India Enterprise)

Acknowledgement for Payment of Bills/Demand notes

Customer Name	SALUR GOVERNMENT DEGREE COLLEGE
Receipt No	882203254432058
Transaction ID	PYRS2503221097767
Transaction Date	2022-03-25 00:00:00.0
Amount	Rs. 1510/-
Phone No	8964295794
Account No	9039973875
Bank Reference No	
Invoice No	SDCAP0022612202



DATED: 23.06.2022

PAY BY DATE 15.07.2022

COPY TO: PRINCIPAL, GOVERNMENT DEGREE COLLEGE, SALUR.

[Handwritten signature]

आ.प्र.सं. १०८७ / एस.एन.एल.
विजयनगरम/Vijayanagaram-535002



Bharat Sanchar Nigam Limited

Tax Invoice

Account No : 9039973875

Invoice No: SDCAP0023943709

Invoice Date : 03/07/2022

Billing Period

01/06/2022 to 30/06/2022

Tariff Plan: Bharat Fiber BB - BBG Super Speed Combo ULD 1045 VDSL CS149 / Speed Upto 200Mbps till 3.3TB beyond that Upto 15Mbps / Voice unlimited

SALUR GOVERNMENT DEGREE COLLEGE
00
SRINIVASA COLONY
TAMIRI RADHAKRISHNA,
SALUR
VIJAYANAGARAM AP
535591

TELEPHONE NUMBER

08964295794

GSTIN

AMOUNT PAYABLE

₹ 17150.00

PAY NOW

DUE DATE

19/07/2022

Account Summary

PREVIOUS BALANCE

₹ 1,536.16

PAYMENT RECEIVED

₹ 1,537.00

ADJUSTMENTS

₹ 0.00

CURRENT CHARGES

₹ 17,150.82

TOTAL DUE

₹ 17,149.98

AMOUNT PAYABLE

₹ 17150.00

Amount in Words: Rupees Seventeen Thousand One Hundred and Fifty Only

Summary of Charges

Current Charges	Amount ₹
Recurring Charges	14534.60
One Time Charges	0.00
Usage Charges	0.00
Miscellaneous Charges	0.00
Discounts	0.00
Late Fee	0.00
Total Taxable (Rs.)	14,534.60
Tax	2,616.22
Total Current Charges	17,150.82

Tax Details

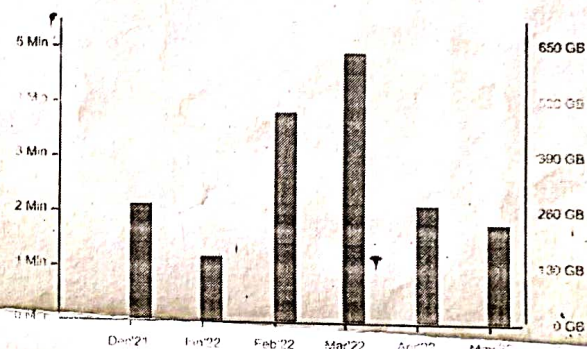
Description	Tax Rate	Amount
CGST	9.00%	1,308.11
SGST	9.00%	1,308.11

6 Paise Cash Back Offer Amount

0.00

USAGE HISTORY (6 MONTHS)

Voice(Min)
Data(GB)



Dear Customer, Income Tax Department, Govt of India has granted certificate no. 197(1)/AABC5576G/2022-23/1 Dt 22/06/2022 (can be downloaded from https://bsnl.co.in/opencms/bsnl/BSNL/about_us/pdf/Certificate_197AABC_2022.pdf) to BSNL relating to TDS at lower rates applicable from 22/06/2022 to 31/03/2023. TDS may be recovered at the lower rates mentioned in the certificate issued by Income Tax Department.

Like binge-watching a web series?

Then, you will find this offer simply irresistible

firestick lite

Bharat Fibre

Coming Soon!

Scan 'QR' Code to make Online Portal Payment.



LADE JAGADESWARA RAO

Accounts Officer (TR)

For Billing related issues

08922-229890



Scan 'QR' Code to make UPI Payment.

Dear Customer, Soft copy of this bill has been mailed to your ID salur.jkc@gmail.com. If mail ID is incorrect, please update correct ID at www.selfcare.bsnl.co.in

- PAYMENT SLIP -

BHARAT SANCHAR NIGAM LTD



Mode of Payment

☐ Cash ☐ Cheque/DD ☐ Credit/Debit Card

Cheque/DD No. _____ Dated _____ Bank _____ Branch _____

Please Charge Rs. _____ Signature _____

Please make crossed Cheque/DD/Pay Order for Amount Payable (Rounded Up) in favour of AO (Cash), BSNL, Vijayanagaram.

For Bank use only



Bharat Sanchar Nigam Limited

NBMS/BMS

Postage Paid in Advance

Tax Invoice

SALUR GOVERNMENT DEGREE COLLEGE

00
SRINIVASA COLONY
TAMIRI RADHAKRISHNA
SALUR
VIJAYANAGARAM AP
535591

TELEPHONE NUMBER

08964295794

Account No : 9039973875

Invoice No: SDCAP0019023793

Invoice Date : 03/05/2021

Billing Period

01/04/2021 to 30/04/2021

Tariff plan: 150GB Plan CS300 - Bharat Fiber / Speed Upto 50Mbps till 150GB beyond that Upto 2Mbps / Voice unlimited.

AMOUNT PAYABLE

₹ **496.00**

PAY NOW

DUE DATE

19/05/2021

Account Summary

PREVIOUS BALANCE

ముందరి బిల్లు

₹ **1,031.83**

PAYMENT RECEIVED

చెల్లించిన మొత్తం

₹ **1,032.00**

ADJUSTMENTS

సర్దుబాటు

₹ **0.00**

CURRENT CHARGES

ప్రస్తుత బిల్లు

₹ **495.60**

TOTAL DUE

బిల్లు మొత్తం

₹ **495.43**

AMOUNT PAYABLE

బిల్లు మొత్తం

₹ **496.00**

Amount in words : Four Hundred and Ninety Six Only.

Summary of Charges

Current Charges	ప్రస్తుత బిల్లు	Amount ₹
Recurring Charges	నెలసరి ఛార్జీ	430.00
One Time Charges	ఒక్కసారి ఛార్జీలు	0.00
Usage Charges	వాడుక మొత్తం	0.00
Miscellaneous Charges		0.00
Discounts	రాయితీలు	-10.00
Late Fee	ఆలస్య చెల్లింపు	0.00
Total Taxable (Rs.)		420.00
Tax	టాక్స్	75.60
Total Current Charges	మొత్తం బిల్లు	495.60

Tax Details

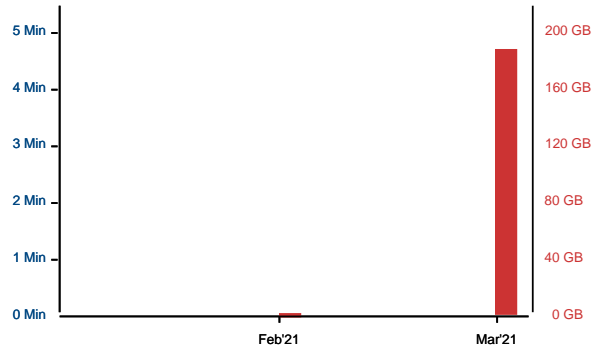
Description	Tax Rate	Amount
CGST	9.00%	37.80
SGST	9.00%	37.80

6 Paise Cash Back Offer Amount

0.00

USAGE HISTORY (6 MONTHS)

Voice(Min)
Data(GB)



Dear Customer, We recommend you to pay the bill online using <https://portal.bsnl.in/> or use My BSNL App on your mobile to avail our services 24X7. My BSNL App is available on the Google play. #Unite2FightCorona



Scan 'QR' code to make online payment.



Accounts Officer (TR)

BSNL REWARDS

Register TODAY and Earn 100 Reward Points!

Register Now

Dear Customer, Soft copy of this bill has been mailed to your ID salur.jkc@gmail.com. If mail ID is incorrect, please update correct ID at "www.selfcare.bsnl.co.in" or nearest BSNL CSC and get discount of Rs. 10/- per bill for 10 months.

- PAYMENT SLIP -

BHARAT SANCHAR NIGAM LTD

Mode of payment



Cash



Cheque/DD



Credit/Debit Card

Cheque/DD No. _____ Dated _____ Bank _____ Branch _____

Please Charge Rs. _____ Signature _____

Invoice No	SDCAP0019023793
Invoice Date	03/05/2021
Account No	9039973875
Phone No	08964295794
Due Date	19/05/2021
Amount Payable	₹ 496.00

Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash), BSNL, Vijayanagaram.

For Bank use only

This is a Computer generated Bill and does not require any Signature.

Page 1 of 3



Bharat Sanchar Nigam Limited

Account No: 9039973875 | Invoice No: SDCAP0019023793 | Invoice date: 03/05/2021

BSNL Cinema Plus
Single Subscription for Unlimited Entertainment

YUPPTV + ZEE5 + SONY liv + voot select

PREMIUM PREMIUM SPECIAL

Launch Offer ₹199 ₹129/month

Subscribe Now www.cinemaplus.bsnl.in/liveyuppott

SCOPE

300+ TV Channels
500+ Shows
8000+ Movies

WAYS TO PAY BILL



Click to Pay
For online payment log on to www.bsnl.co.in



Drop your cheque/DD at BSNL bill collection centers



Pay at any BSNL Retailer Outlet.



Pay at any Post Offices on or before Due Date



Pay at any BSNL Customer Service Centers (CSC's) & CTO's / DTO's



Pay through My BSNL App
Download My BSNL App to avail BSNL services & making bill payments

Pay your bill in time and save on late fees charges of 2% of billed amount (Min. Rs.10/-).

CUSTOMER CARE

- Dial Toll Free Number **1500** for (Landline/Broadband) from BSNL Numbers and **1800-345-1500** from all other Service Provider Numbers.
- Dial Toll Free Number **1503** for (Mobile) from BSNL Numbers and **1800-180-1503** from all other Service Provider Numbers.
- Dial **198** from BSNL numbers for Automatic Fault Booking.
- Log on to web selfcare portal www.selfcare.bsnl.co.in
- Download My BSNL App to avail BSNL services & making bill payments.
- Reverse Charges Not Applicable

BSNL GO-GREEN INITIATIVE

Say no to Paper Bill, opt for " Bill on Email Only " option & get discount of Rs.10/- per bill for 10 months. Register for E-bill at www.selfcare.bsnl.co.in or visit nearest BSNL CSC

Account Officer address: O/o General Manager, BSNL Bhavan, Vizainagaram, Andhra Pradesh - 535002

CUSTOMER INFORMATION

- Get the last bill details on your mobile, SMS 'BILL<Space><STDCODE-TEL.NO><Space><BILLING ACCOUNT NO>' on 53334 from BSNL Mobile and for Non BSNL Mobile on 9478053334
- Logon to www.bsnl.co.in for information on the tariff plans and prices
- For change of billing address, please contact your nearest customer care or AO (TR) / Commercial Officer of your exchange area.
- If your mobile/landline is used for sending unsolicited commercial communication (UCC) through SMS or Voice, it leads to disconnection of your telecom resources and blacklisting for two years
- For contact details of Nodal Officer / Appellate Authority, tariffs and other information, visit our website www.bsnl.co.in
- Disputes if any, should be brought to the notice of the concerned AO(TR) within 60 days.

Installation Address: 00,SRINIVASA COLONY,SALURU TOWN,SALUR,VIJAYANAGARAM,Andhra Pradesh -535591

● **GST Registration Number:** 37AABCB5576G3ZI ● **PAN Number:** AABCB5576G
● **HSN/SAC Code:** 998412 ● **CIN:** U74899DL2000GOI107739

BONANZA DEALS ON

Gift Cards

Use Code SALE21

12% off

chaayos Myntra bookmyshow aurelia

SHOP NOW

The Smart Way to Book Your Fiber Connection Online

bookmyfiber.bsnl.co.in

Bharat Fibre
Connecting India faster

SCOPE

BSNL Cinema Plus
Single Subscription for Unlimited Entertainment

YUPPTV + ZEE5 + SONY liv + voot select

PREMIUM PREMIUM SPECIAL

300+ TV Channels | 500+ Shows | 8000+ Movies

Launch Offer ₹199 ₹129/month

Subscribe Now

www.cinemaplus.bsnl.in/liveyuppott

300GB OF DATA + HOTSTAR PREMIUM
ALL AT ₹779/MONTH. IT'S SIMPLE MATH.

- American TV Shows and movies
- Bollywood blockbusters
- Exclusive Hotstar Specials
- Star Serials before TV.

To subscribe
Call Toll Free: 1800 345 1500 or
visit www.selfcare.bsnl.co.in

DETAILS OF CURRENT CHARGES

Payment Details

Description	Date	Amount(Rs.)
Payment from Pyro Server	29/04/2021	1,032.00
Total		1,032.00

Account Level Discounts

Description	Start Date	End Date	Amount(Rs.)
Rs.10/- Discount for Go Green-998412			-10.00
Total			-10.00

List of Services

Phone Number/Service ID	Monthly Charges	Usage Charges	One Time Charges	Discounts
id8964295794_sid	430.00	0.00	0.00	0.00
08964295794	0.00	0.00	0.00	0.00

Phone Number/Service ID | id8964295794_sid

Installation Address:

00,SRINIVASA COLONY,SALURU TOWN,SALUR,VIJAYANAGARAM,Andhra Pradesh -535591

Plan :

704443/150GB Plan CS300 - Bharat Fiber / Speed Upto 50Mbps till 150GB beyond that Upto 2Mbps / Voice unlimited.

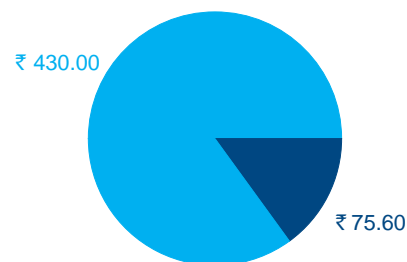
Monthly Charges

Description & HSN / SAC Code	Start Date	End Date	Amount(Rs.)
Bharat Fiber BB - Fixed Monthly Charge-998412	01/04/2021	30/04/2021	430.00
Total			430.00

Usage Charges

Data	Units	Volume (GB)	Gross Amt	Disc	Charges
Broadband Day Usage	155395928	148.20 GB	0.00	0.00	0.00
Total	155395928	148.20 GB	0.00	0.00	0.00

CURRENT CHARGES ANALYSIS



- Recurring Charges
- One Time Charges
- Miscellaneous Charges
- Tax
- Adjustments
- Usage Charges



Enjoy entertainment, ask questions and more with Google Nest

Now bundled with BSNL broadband

Get Yours Today

Click here

Google Nest Mini Google Nest Hub

*Terms & conditions apply



BSNL REWARDS

Flipkart Gift Card

GIFT CARDS NOW LIVE

CHECK OUT NOW



YUPPTV

SCOPE

BSNL Cinema Plus

Single Subscription for Unlimited Entertainment

YUPPTV + ZEE5 PREMIUM + SONY liv + voot select

PREMIUM SPECIAL

300+ TV Channels | 500+ Shows | 8000+ Movies

Launch Offer ~~₹199~~ **₹129/month**

Subscribe Now

www.cinemaplus.bsnl.in/liveyuppott

*T&C Apply



Bharat Sanchar Nigam Limited

NBMS/BMS

Postage Paid in Advance

Tax Invoice

GOVERNMENT DEGREE
COLLEGE SALUR
00
SRINIVASA COLONY
PRINCIPAL TAMIRI
RADHAKRISHNA
SALUR
VIJAYANAGARAM AP
535591

TELEPHONE NUMBER

08964295795

Account No : 9039990019

Invoice No: SDCAP0019023297

Invoice Date : 03/05/2021

Billing Period

01/04/2021 to 30/04/2021

Tariff plan: Fibre Basic / Speed Upto 30Mbps till 3300GB beyond that Upto 2Mbps / Voice unlimited.

AMOUNT PAYABLE

₹ 1468.00

PAY NOW

DUE DATE

19/05/2021

Account Summary

PREVIOUS BALANCE

ముందరి బిల్లు

₹ 949.66

PAYMENT RECEIVED

చెల్లించిన మొత్తం

₹ 0.00

ADJUSTMENTS

సర్దుబాటు

₹ 0.00

CURRENT CHARGES

ప్రస్తుత బిల్లు

₹ 518.02

TOTAL DUE

బిల్లు మొత్తం

₹ 1,467.68

AMOUNT PAYABLE

బిల్లు మొత్తం

₹ 1468.00

Amount in words : One Thousand Four Hundred and Sixty Eight Only.

Summary of Charges

Current Charges	ప్రస్తుత బిల్లు	Amount ₹
Recurring Charges	నెలసరి ఛార్జీ	449.00
One Time Charges	ఒక్కసారి ఛార్జీలు	0.00
Usage Charges	వాడుక మొత్తం	0.00
Miscellaneous Charges		0.00
Discounts	రాయితీలు	-10.00
Late Fee	ఆలస్య చెల్లింపు	0.00
Total Taxable (Rs.)		439.00
Tax	టాక్స్	79.02
Total Current Charges	మొత్తం బిల్లు	518.02

Tax Details

Description	Tax Rate	Amount
CGST	9.00%	39.51
SGST	9.00%	39.51

6 Paise Cash Back Offer Amount

0.00

USAGE HISTORY (6 MONTHS)

Voice(Min)
Data(GB)



Dear Customer, We recommend you to pay the bill online using <https://portal.bsnl.in/> or use My BSNL App on your mobile to avail our services 24X7. My BSNL App is available on the Google play. #Unite2FightCorona



Scan 'QR' code to make online payment.



Accounts Officer (TR)

BSNL
REWARDS

Register TODAY
and Earn 100
Reward Points!

Register Now

Dear Customer, Soft copy of this bill has been mailed to your ID salur.jkc@gmail.com. If mail ID is incorrect, please update correct ID at www.selfcare.bsnl.co.in or nearest BSNL CSC and get discount of Rs. 10/- per bill for 10 months.

- PAYMENT SLIP -

BHARAT SANCHAR NIGAM LTD

Mode of payment



☐ Cash ☐ Cheque/DD ☐ Credit/Debit Card

Cheque/DD No. _____ Dated _____ Bank _____ Branch _____

Please Charge Rs. _____ Signature _____

Invoice No	SDCAP0019023297
Invoice Date	03/05/2021
Account No	9039990019
Phone No	08964295795
Due Date	19/05/2021
Amount Payable	₹ 1468.00

Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash), BSNL, Vijayanagaram.

For Bank use only

This is a Computer generated Bill and does not require any Signature.

Page 1 of 3



Bharat Sanchar Nigam Limited

Account No: 9039990019 | Invoice No: SDCAP0019023297 | Invoice date: 03/05/2021

BSNL Cinema Plus
Single Subscription for Unlimited Entertainment

YUPPTV + ZEE5 + SONY liv + voot select

PREMIUM PREMIUM SPECIAL

Launch Offer ₹199 ₹129/month

Subscribe Now www.cinemaplus.bsnl.in/liveyuppott

SCOPE

300+ TV Channels
500+ Shows
8000+ Movies

WAYS TO PAY BILL



Click to Pay
For online payment log on to www.bsnl.co.in



Drop your cheque/DD at BSNL bill collection centers



Pay at any BSNL Retailer Outlet.



Pay at any Post Offices on or before Due Date



Pay at any BSNL Customer Service Centers (CSC's) & CTO's / DTO's



Pay through My BSNL App
Download My BSNL App to avail BSNL services & making bill payments

Pay your bill in time and save on late fees charges of 2% of billed amount (Min. Rs.10/-).

CUSTOMER CARE

- Dial Toll Free Number **1500** for (Landline/Broadband) from BSNL Numbers and **1800-345-1500** from all other Service Provider Numbers.
- Dial Toll Free Number **1503** for (Mobile) from BSNL Numbers and **1800-180-1503** from all other Service Provider Numbers.
- Dial **198** from BSNL numbers for Automatic Fault Booking.
- Log on to web selfcare portal www.selfcare.bsnl.co.in
- Download My BSNL App to avail BSNL services & making bill payments.
- Reverse Charges Not Applicable

BSNL GO-GREEN INITIATIVE

Say no to Paper Bill, opt for " Bill on Email Only " option & get discount of Rs.10/- per bill for 10 months. Register for E-bill at www.selfcare.bsnl.co.in or visit nearest BSNL CSC

Account Officer address: O/o General Manager, BSNL Bhavan, Vizainagaram, Andhra Pradesh - 535002

CUSTOMER INFORMATION

- Get the last bill details on your mobile, SMS 'BILL<Space><STDCODE-TEL.NO><Space><BILLING ACCOUNT NO>' on 53334 from BSNL Mobile and for Non BSNL Mobile on 9478053334
- Logon to www.bsnl.co.in for information on the tariff plans and prices
- For change of billing address, please contact your nearest customer care or AO (TR) / Commercial Officer of your exchange area.
- If your mobile/landline is used for sending unsolicited commercial communication (UCC) through SMS or Voice, it leads to disconnection of your telecom resources and blacklisting for two years
- For contact details of Nodal Officer / Appellate Authority, tariffs and other information, visit our website www.bsnl.co.in
- Disputes if any, should be brought to the notice of the concerned AO(TR) within 60 days.

Installation Address: 00,SRINIVASA COLONY,SALURU TOWN,SALUR,VIJAYANAGARAM,Andhra Pradesh -535591

● **GST Registration Number:** 37AABCB5576G3ZI ● **PAN Number:** AABCB5576G
● **HSN/SAC Code:** 998412 ● **CIN:** U74899DL2000GOI107739

BONANZA DEALS ON

Gift Cards

Use Code **SALE21**

chaayos Myntra bookmyshow aurelia

SHOP NOW

The Smart Way to Book Your Fiber Connection Online

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Bharat Fibre
Connecting India faster

SCOPE

BSNL Cinema Plus
Single Subscription for Unlimited Entertainment

YUPPTV + ZEE5 + SONY liv + voot select

PREMIUM PREMIUM SPECIAL

300+ TV Channels | 500+ Shows | 8000+ Movies

Launch Offer ₹199 ₹129/month

Subscribe Now

www.cinemaplus.bsnl.in/liveyuppott

300GB OF DATA + HOTSTAR PREMIUM
ALL AT ₹779/MONTH. IT'S SIMPLE MATH.

- American TV Shows and movies
- Bollywood blockbusters
- Exclusive Hotstar Specials
- Star Serials before TV.

To subscribe
Call Toll Free: 1800 345 1500 or
visit www.selfcare.bsnl.co.in



Bharat Sanchar Nigam Limited

Account No: 9039990019 | Invoice No : SDCAP0019023297 | Bill Date : 03/05/2021

300GB OF DATA +
HOTSTAR PREMIUM
ALL AT ₹779/MONTH.
IT'S SIMPLE MATH.

BSNL **hotstar**
ENTERTAINMENT BUNDLE

To subscribe
Call Toll Free: 1800 343 1500 or
visit www.selfcare.bsnl.co.in

DETAILS OF CURRENT CHARGES

Account Level Discounts

Description	Start Date	End Date	Amount(Rs.)
Rs.10/- Discount for Go Green-998412			-10.00
Total			-10.00

List of Services

Phone Number/Service ID	Monthly Charges	Usage Charges	One Time Charges	Discounts
id8964295795_sid	449.00	0.00	0.00	0.00
08964295795	0.00	0.00	0.00	0.00

Phone Number/Service ID | id8964295795_sid

Installation Address:

00,SRINIVASA COLONY,SALURU TOWN,SALUR,VIJAYANAGARAM,Andhra Pradesh -535591

Plan :

704532/Fibre Basic / Speed Upto 30Mbps till 3300GB beyond that Upto 2Mbps / Voice unlimited.

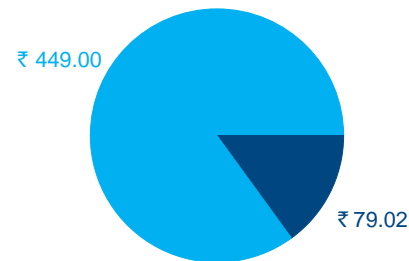
Monthly Charges

Description & HSN / SAC Code	Start Date	End Date	Amount(Rs.)
Bharat Fiber BB - Fixed Monthly Charge-998412	01/04/2021	30/04/2021	449.00
Total			449.00

Usage Charges

Data	Units	Volume (GB)	Gross Amt	Disc	Charges
Broadband Day Usage	40192245	38.33 GB	0.00	0.00	0.00
Total	40192245	38.33 GB	0.00	0.00	0.00

CURRENT CHARGES ANALYSIS



- Recurring Charges
- One Time Charges
- Miscellaneous Charges
- Tax
- Adjustments
- Usage Charges

Enjoy entertainment, ask questions and more with Google Nest

Now bundled with **BSNL** broadband

Get Yours Today

Click here

Google Nest Mini

Google Nest Hub

*Terms & conditions apply

GIFT CARDS NOW LIVE

CHECK OUT NOW

SCOPE

BSNL Cinema Plus

Single Subscription for Unlimited Entertainment

PREMIUM

PREMIUM

SPECIAL

300+ TV Channels | 500+ Shows | 8000+ Movies

Launch Offer ~~₹199~~ **₹129/month**

Subscribe Now

www.cinemaplus.bsnl.in/liveyuppott

*T&C Apply



Bharat Sanchar Nigam Limited

Tax Invoice

Account No : 9039990019

Invoice No: SDCAP0025034591

Invoice Date : 03/10/2022

Billing Period

01/09/2022 to 30/09/2022

Tariff Plan: Fibre Basic / Speed Upto 30Mbps till 3300GB beyond that Upto 2Mbps / Voice unlimited

GOVERNMENT DEGREE
COLLEGE SALUR
00
SRINIVASA COLONY
PRINCIPAL TAMIRI
RADHAKRISHNA
SALUR
VIJAYANAGARAM AP
535591

TELEPHONE NUMBER
08964295795

GSTIN

AMOUNT PAYABLE

₹ **542.00**

PAY NOW

DUE DATE

19/10/2022

Account Summary

PREVIOUS BALANCE ముందరి బిల్లు	PAYMENT RECEIVED చెల్లించిన మొత్తం	ADJUSTMENTS సర్దుబాటు	CURRENT CHARGES ప్రస్తుత బిల్లు	TOTAL DUE బిల్లు మొత్తం	AMOUNT PAYABLE బిల్లు మొత్తం
₹ 529.80	(-) ₹ 530.00	(+) ₹ 0.00	₹ 541.62	(=) ₹ 541.42	(=) ₹ 542.00

Amount in Words : Rupees Five Hundred and Forty Two Only

Summary of Charges

Current Charges	ప్రస్తుత బిల్లు	Amount ₹
Recurring Charges	నెలవరి ఛార్జీ	449.00
One Time Charges	ఒక్కసారి ఛార్జీలు	0.00
Usage Charges	వాడుక మొత్తం	0.00
Miscellaneous Charges		0.00
Discounts	రాయితీలు	0.00
Late Fee	ఆలస్య చెల్లింపు	10.00
Total Taxable (Rs.)		459.00
Tax	ట్యాక్స్	82.62
Total Current Charges	మొత్తం బిల్లు	541.62

Tax Details

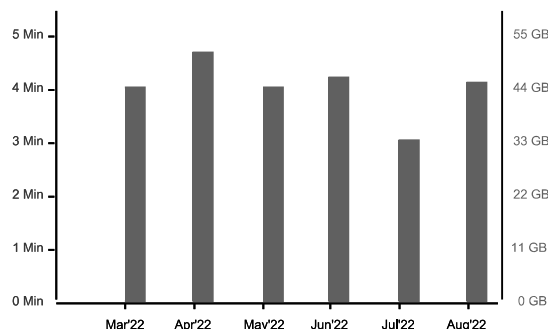
Description	Tax Rate	Amount
CGST	9.00%	41.31
SGST	9.00%	41.31

6 Paise Cash Back Offer Amount

0.00

USAGE HISTORY (6 MONTHS)

■ Voice(Min)
■ Data(GB)



Dear Customer, Income Tax Department, Govt of India has granted certificate no. 197(1)/AABCB5576G/2022-23/1 Dt 22/06/2022 (can be downloaded from https://bsnl.co.in/opencms/bsnl/BSNL/about_us/pdf/Certificate_197AABC_2022.pdf) to BSNL relating to TDS at lower rates applicable from 22/06/2022 to 31/03/2023. TDS may be recovered at the lower rates mentioned in the certificate issued by Income Tax Department.

Scan 'QR' Code to make Online Portal Payment.

LADE JAGADESWARA RAO
Accounts Officer (TR)
For Billing related issues
08922-229890

Scan 'QR' Code to make UPI Payment.

Dear Customer, Soft copy of this bill has been mailed to your ID salur.jkc@gmail.com. If mail ID is incorrect, please update correct ID at "www.selfcare.bsnl.co.in".

- PAYMENT SLIP -

BHARAT SANCHAR NIGAM LTD

Mode of Payment



☐ Cash ☐ Cheque/DD ☐ Credit/Debit Card

Cheque/DD No. _____ Dated _____ Bank _____ Branch _____

Please Charge Rs. _____ Signature _____

Invoice No	SDCAP0025034591
Invoice Date	03/10/2022
Account No	9039990019
Phone No	08964295795
Due Date	19/10/2022
Amount Payable	₹ 542.00

Please make crossed Cheque/DD/Pay Order for Amount Payable (Rounded Up) in favour of AO (Cash), BSNL, Vijayanagaram.

For Bank use only

This is a Computer generated Bill and does not require any Signature.

Page 1 of 3

Success! Your payment of Rs. 1083/- is successful.

Acknowledgement



Bharat Sanchar Nigam Limited

(A Govt. of India Enterprise)

Acknowledgement for Payment of Bills/Demand notes

Customer Name	GOVERNMENT DEGREE COLLEGE SALUR
Receipt No	882205280694143
Transaction ID	PYRO2805221031259
Transaction Date	2022-05-28 00:00:00.0
Amount	Rs. 1083/-
Phone No	08964295795
Account No	9039990019
Bank Reference No	
Invoice No	SDCAP0023326229



Bharat Sanchar Nigam Limited

NBMS/BMS

Postage Paid in Advance

Tax Invoice

Account No : 9039990019

Invoice No: SDCAP0019796226

Invoice Date : 03/07/2021

Billing Period

01/06/2021 to 30/06/2021

Tariff plan: Fibre Basic / Speed Upto 30Mbps till 3300GB beyond that Upto 2Mbps / Voice unlimited.

GOVERNMENT DEGREE COLLEGE SALUR

00
SRINIVASA COLONY
PRINCIPAL TAMIRI
RADHAKRISHNA
SALUR
VIJAYANAGARAM AP
535591

TELEPHONE NUMBER

08964295795

AMOUNT PAYABLE

₹ 530.00

PAY NOW

DUE DATE

19/07/2021

Account Summary

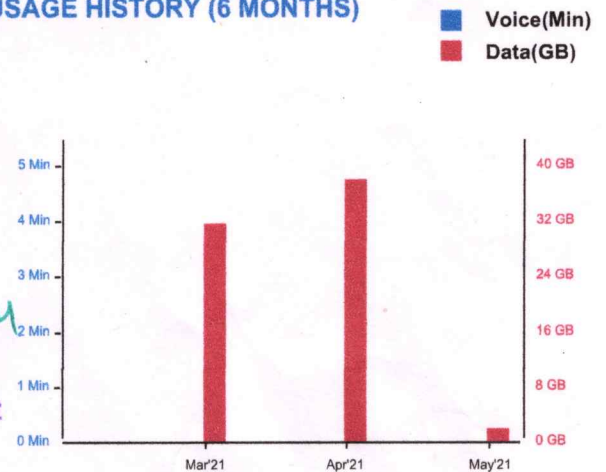
PREVIOUS BALANCE	PAYMENT RECEIVED	ADJUSTMENTS	CURRENT CHARGES	TOTAL DUE	AMOUNT PAYABLE
ముందరి బిల్లు	చెల్పిన మొత్తం	సర్దుబాటు	ప్రస్తుత బిల్లు	బిల్లు మొత్తం	బిల్లు మొత్తం
(-)	(+)	(+)	(=)	(=)	(=)
₹ 1,047.50	₹ 1,048.00	₹ 0.00	₹ 529.82	₹ 529.32	₹ 530.00

Amount in words : Five Hundred and Thirty Only.

Summary of Charges

Current Charges	ప్రస్తుత బిల్లు	Amount
Recurring Charges	నెలసరి చార్జీ	449.00
One Time Charges	ఒక్కసారి చార్జీలు	0.00
Usage Charges	వాడుక మొత్తం	0.00
Miscellaneous Charges		0.00
Discounts	రాబట్టు	-10.00
Late Fee	ఆలస్య చెల్లింపు	10.00
Total Taxable (Rs.)		449.00
Tax	టాక్స్	80.82
Total Current Charges	మొత్తం బిల్లు	529.82
Tax Details	Tax Rate	Amount
Description		
CGST	9.00%	40.41
SGST	9.00%	40.41
6 Paise Cash Back Offer Amount		0.00

USAGE HISTORY (6 MONTHS)



Dear Customer, We recommend you to pay the bill online using <https://portal.bsnl.in/> or use My BSNL App on your mobile to avail our services 24x7. My BSNL App is available on the Google Play Store. #Unite2FightCorona

Scan 'QR' code to make Online Payment

Accounts Officer (TR)

₹ 530/-
(Rupees five hundred and thirty only)

PRINCIPAL
Govt. Degree College
SALUR, Vijayanagaram Dist

Bill Summary

Dear Customer, Soft copy of this bill has been mailed to your ID salur.jkc@gmail.com. If mail ID is incorrect, please update correct ID at www.selfcare.bsnl.co.in/ or nearest BSNL CSC and get discount of Rs. 10/- per bill for 10 months.

- PAYMENT SLIP -

BHARAT SANCHAR NIGAM LTD



Mode of payment

☐ Cash ☐ Cheque/DD ☐ Credit/Debit Card

Cheque/DD No. _____ Dated _____ Bank _____ Branch _____

Please Charge Rs. _____ Signature _____

Invoice No	SDCAP0019796226
Invoice Date	03/07/2021
Account No	9039990019
Phone No	08964295795
Due Date	19/07/2021
Amount Payable	₹ 530.00



Please make crossed Cheque/DD/Pay order for Amount Payable (Rounded Up) in favour of AO (Cash), BSNL, Vijayanagaram.

For Bank use only

This is a Computer generated Bill and does not require any Signature.



Bharat Sanchar Nigam Limited

Tax Invoice

GOVERNMENT DEGREE
COLLEGE SALUR
OR
SARAWASA COLONY
PRINCIPAL TAMIRI
KADAKRISHNA
SALUR
VIZIANAGARAM AP
535591

TELEPHONE NUMBER
08964295795

GSTIN

Account No : 9039990019

Invoice No: SDCAP0026846126

Invoice Date : 03/03/2023

Billing Period

01/01/2023 to 28/02/2023

Tariff Plan: Fibre Basic / Speed Upto 40Mbps till 3300GB beyond that Upto 4Mbps / Voice unlimited

AMOUNT PAYABLE

₹ 7648.00

PAY NOW

DUE DATE

20/03/2023

Account Summary

PREVIOUS BALANCE ముందరి బిల్లు	PAYMENT RECEIVED చెల్లించిన మొత్తం	ADJUSTMENTS సర్దుబాటు	CURRENT CHARGES ప్రస్తుత బిల్లు	TOTAL DUE బిల్లు మొత్తం	AMOUNT PAYABLE బిల్లు మొత్తం
₹ 599.68	₹ 600.00	₹ 0.00	₹ 7,647.46	₹ 7,647.14	₹ 7648.00

Amount in Words : Rupees Seven Thousand Six Hundred and Forty Eight Only

Summary of Charges

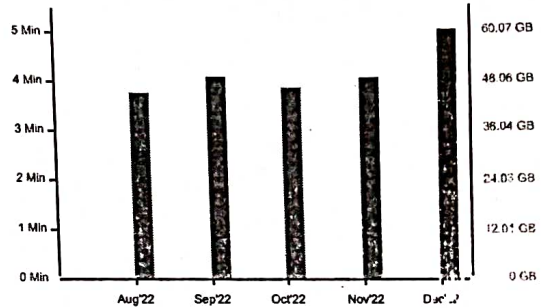
Current Charges	ప్రస్తుత బిల్లు	Amount ₹
Recurring Charges	నిరంతర ఛార్జీ	6470.90
One Time Charges	ఒకసారి ఛార్జీలు	0.00
Usage Charges	వాడుక మొత్తం	0.00
Miscellaneous Charges		0.00
Discounts	రాబురాలు	0.00
Late Fee	ఆలస్య పెర్సింజు	10.00
Total Taxable (Rs.)		6,480.90
Tax	ట్యాక్స్	1,166.56
Total Current Charges	మొత్తం బిల్లు	7,647.46

Tax Details	Tax Rate	Amount
Description		
CGST	9.00%	583.28
SGST	9.00%	583.28

6 Paise Cash Back Offer Amount 0.00

USAGE HISTORY (6 MONTHS)

Voice(Min.)
Data(GB)



Fibre Basic Plan with higher browsing speeds upto 40 Mbps at FMC Rs.499/- wef 01.11.2022 is enabled.

Bharat Fibre

BSNL

AN UNBEATABLE DEAL

Get up to 100 Mbps speed till 2000 GB
Up to 10 Mbps beyond

Get up to 100 Mbps speed till 2000 GB
Up to 10 Mbps beyond



Scan 'QR' Code to make Online Portal Payment.



LADE JAGADESWARA RAO
Accounts Officer (TR)

For Billing related issues

08922-229890



Bill to the...



BHARAT SANCHAR NIGAM LTD.

VIZIANAGARAM TELECOM DISTRICT

RECEIPT

295795

0294965

24/3/23

Rs. 7468/-

Chq. No. 785530

24/3/23

Signature of the Counter Officer

C.S. G. SAKUR

Rupees Seven Thousand Six Hundred and Forty Eight Only

Commissionerate of Collegiate Education

TECHNICAL REPORT ON VIRTUAL CLASSROOM - NON RUSA COLLEGES

S.N o	Name of the Item	Company	Description/Specification	Qty	Instal led / Not	Working Condition/ Remarks																																								
1	PC Intel	Intel	Intel Quad Core processor(4GB RAM, 500GB HDD)	1																																										
2	Portable Interactive Device	Cybernetyx	<table><tr><td>Movement Detection Technology</td><td>3-D Optical</td></tr><tr><td>Tracking Active Area (max projection size recommended)</td><td>Up to 100' for 16:9 aspect ratio (Wide angle) & up to 80' for 4:3 aspect ratio</td></tr><tr><td>View angle (Vertical)</td><td>95 deg</td></tr><tr><td>View angle (Horizontal)</td><td>110 deg</td></tr><tr><td>View angle (Diagonal)</td><td>170 deg</td></tr><tr><td>T/R Range</td><td>0.6 / 0.4 / 0.2 / 0.16</td></tr><tr><td>Tracking Speed</td><td>60-70 FPS (can be extrapolated upto 200 FPS)</td></tr><tr><td>Ambient Light Resistance Technology</td><td>830nm +/- 20 & 650nm +/- 20 dual band tracking technology (Visible and IR bands)</td></tr><tr><td>Simultaneous Touch Point Support</td><td>255 (System configuration dependant)</td></tr><tr><td>Calibration Technology</td><td>Automatic as well as Manual Calibration</td></tr><tr><td>Connectivity Interface</td><td>Mini USB</td></tr><tr><td>Max USB Transmission Distance</td><td>15 ft</td></tr><tr><td>Power Requirement</td><td>5 V</td></tr><tr><td>Power Consumption</td><td>< 1W</td></tr><tr><td>Operating & Storage Environment</td><td>Temperature : -10 to +60 degree; Humidity: 0% to 95%</td></tr><tr><td>Accuracy</td><td>+ / - 2 px</td></tr><tr><td>Response Time</td><td>Upto 195Mn dots/sec</td></tr><tr><td>Native Resolution</td><td>752 x 480 (can be extrapolated upto</td></tr><tr><td>Data Refresh Rate</td><td>Upto 195 million dots/sec, USB bandwidth around 200 MBPS</td></tr><tr><td>Optimised Cursor Jittering</td><td>7 point bezier algorithms histogram</td></tr></table>	Movement Detection Technology	3-D Optical	Tracking Active Area (max projection size recommended)	Up to 100' for 16:9 aspect ratio (Wide angle) & up to 80' for 4:3 aspect ratio	View angle (Vertical)	95 deg	View angle (Horizontal)	110 deg	View angle (Diagonal)	170 deg	T/R Range	0.6 / 0.4 / 0.2 / 0.16	Tracking Speed	60-70 FPS (can be extrapolated upto 200 FPS)	Ambient Light Resistance Technology	830nm +/- 20 & 650nm +/- 20 dual band tracking technology (Visible and IR bands)	Simultaneous Touch Point Support	255 (System configuration dependant)	Calibration Technology	Automatic as well as Manual Calibration	Connectivity Interface	Mini USB	Max USB Transmission Distance	15 ft	Power Requirement	5 V	Power Consumption	< 1W	Operating & Storage Environment	Temperature : -10 to +60 degree; Humidity: 0% to 95%	Accuracy	+ / - 2 px	Response Time	Upto 195Mn dots/sec	Native Resolution	752 x 480 (can be extrapolated upto	Data Refresh Rate	Upto 195 million dots/sec, USB bandwidth around 200 MBPS	Optimised Cursor Jittering	7 point bezier algorithms histogram	2	2	Working
Movement Detection Technology	3-D Optical																																													
Tracking Active Area (max projection size recommended)	Up to 100' for 16:9 aspect ratio (Wide angle) & up to 80' for 4:3 aspect ratio																																													
View angle (Vertical)	95 deg																																													
View angle (Horizontal)	110 deg																																													
View angle (Diagonal)	170 deg																																													
T/R Range	0.6 / 0.4 / 0.2 / 0.16																																													
Tracking Speed	60-70 FPS (can be extrapolated upto 200 FPS)																																													
Ambient Light Resistance Technology	830nm +/- 20 & 650nm +/- 20 dual band tracking technology (Visible and IR bands)																																													
Simultaneous Touch Point Support	255 (System configuration dependant)																																													
Calibration Technology	Automatic as well as Manual Calibration																																													
Connectivity Interface	Mini USB																																													
Max USB Transmission Distance	15 ft																																													
Power Requirement	5 V																																													
Power Consumption	< 1W																																													
Operating & Storage Environment	Temperature : -10 to +60 degree; Humidity: 0% to 95%																																													
Accuracy	+ / - 2 px																																													
Response Time	Upto 195Mn dots/sec																																													
Native Resolution	752 x 480 (can be extrapolated upto																																													
Data Refresh Rate	Upto 195 million dots/sec, USB bandwidth around 200 MBPS																																													
Optimised Cursor Jittering	7 point bezier algorithms histogram																																													
3	White Board	Smart Vission	6 feet x 4 feet Hi- quality white board for writing & Projection application	2	2	Working																																								

4

Projector

Benq

Projection System	DLP
Native Resolution	XGA(1024X768)
Brightness	3000AL
Contrast Ratio	13000:1
Display Color	1.07 Billion Colors
Lens	F=2.6 f=6.9mm
Aspect Ratio	Native 4:3 (3 aspect ratio selectable)
Throw Ratio	0.61
Clear Image Size / Maximum Image Size	60"-120" / 300"
Zoom Ratio	Fixed
Lamp Type	190W
Lamp Mode (Normal/Economic/SmartEco/LampSave)	4500/6000/5500/10000 hours
Keystone Adjustment	1D, Vertical +/- 30 degrees
Projection Offset	130%, ±5%
Resolution Support	VGA(640 x 480) to UXGA(1600 x 1200)
Horizontal Frequency	15-102KHz
Vertical Scan Rate	23-120Hz
Compatibility	HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p (Please refer to User's Manual for detailed support timing)

Interface	Computer in (D-sub 15pin)	x 2(Share with component)
	Monitor out (D-sub 15pin)	x 1
	Composite Video in (RCA)	NA
	S-Video in (Mini DIN 4pin)	NA
	HDMI	NA
	Audio in (Mini Jack)	NA
	Audio out (Mini Jack)	NA
	Audio L/R in (RCA)	NA
	Speaker	NA
	USB (Type Mini B)	x1 (Download & page/down)
	RS232 (DB-9pin)	x 1
	LAN (RJ45)	NA

Dimensions	Dimensions(W x H x D)	287.3 x 114.4 x 232.6mm
	Weight	2.5kg/5.51lb
Power	Power Supply	AC100 to 240 V, 50 to 60 Hz
	Power Consumption	270W(typical), Standby<0.5W

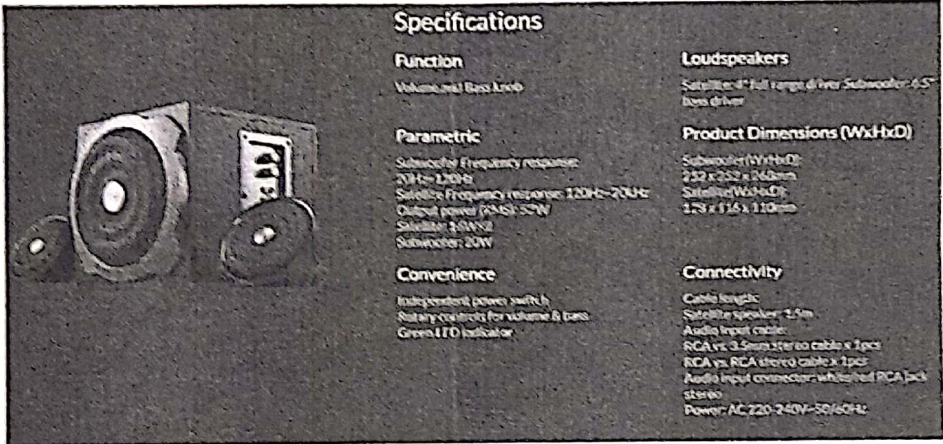
Audible Noise	32.28 dBA (Normal Economic mode)
On-Screen Display Languages	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages)

Picture Modes	Dynamic Presentation's RGB Cinema(3D)/User 1/User 2		
Accessories	Standard	Optional	
	Lens Cover	PointWrite	PW02
	Remote Control w/ Battery	FingerTouch	PT01
	Power Cord (by region)	Spare Lamp Kit	SJ39A05.001
	User Manual CD	Ceiling Mount	CM00G3
	Quick Start Guide	Wall Mount	WM06G3
	Warranty Card (by region)	Carry bag	SL13109.001

2

2

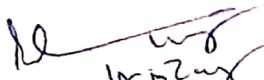
Working

5	Ceiling Mount Kit for Projector	Smart Vision	Accessories	2		
6	Visual Presenter	Cybernetyx	<ul style="list-style-type: none"> • Capture Size A4 • Resolution 1600 x 1200 • Sensor CMOS 2.0 mega pixel • Picture format JPG / GIF / PDI / BMP / TGA / PCX / PNG / RAS • Doc Format PDF / WORD / TXT • Video Format AVI / WMV • Sensor Element CMOS • Interface type USB2.0 • Light Source Natural + LED Supplement light • Accessories Document camera, CD-ROM, USB-cable, Users Manual • USB Cable length 2.0 Meters • Power supply USB 2.0 • Max. Shooting Area A4 	2	2	Working
7	Speaker	Fenda Audio	 <p>Specifications</p> <p>Function Volume and Bass Knob</p> <p>Parametric Subwoofer Frequency response: 20Hz-120Hz Satellite Frequency response: 120Hz-20KHz Output power (RMS): 20W Satellite: 50Wx2 Subwoofer: 20W</p> <p>Convenience Independent power switch Rotary controls for volume & bass Green LED indicator</p> <p>Loudspeakers Satellite: 4" full range driver Subwoofer: 6.5" bass driver</p> <p>Product Dimensions (WxHxD) Subwoofer (WxHxD): 232 x 232 x 264mm Satellite (WxHxD): 129 x 116 x 110mm</p> <p>Connectivity Cable length: Satellite speaker: 1.5m Audio input cable: RCA to 3.5mm stereo cable x 1pc RCA to RCA stereo cable x 1pc Audio input connector: white/red RCA jack stereo Power: AC 220-240V-50/60Hz</p>	2	2	Working
8	Multi Point Bridge License	Life Size	<ul style="list-style-type: none"> • One-on-one and group calls • Instant and scheduled meetings • Unlimited meetings • Unlimited audio • Unlimited guest calling • Directory-based calling • Screen sharing • One-on-one chat • Group chat in a meeting room • Mobile apps • Presence status 	2	2	Working
9	Wireless Mic	Ahuja	<ul style="list-style-type: none"> - Sensitivity: -58 dBV/μBar, -38 dBV/Pa +/-4dB - Frequency response: - Headset: 20 Hz – 20,000 Hz - Microphone: 100 Hz – 16,000 Hz - 1.8-metre (6-foot) shielded cord - 3.5 mm colour-coded plugs 	2	2	Working


10	Keyboard	Circle	Processor	Intel Pentium processor N3700 (2.40 GHz, Quad Core 6W TDP)	2	2	Working
11	LED Monitor	AOC	Graphics	Intel HD Graphics	2	2	Working
				One HDMI 1.4b port supporting an ultra-high definition 4K30 Hz display			
				One VGA port			
			System Memory	4 GB RAM			
			Storage	500 GB HDD			
			Peripheral Connectivity	Integrated Gigabit LAN			
				Four super Hi-speed USB 3.0 ports (two back panel ports and two front ports including one charging port)			
				Two additional Hi-speed USB 2.0 ports via internal header			
				Intel Wireless-AC3165 Dual Band Wireless 801.11ac, 1X1, upto 867 Mbps			
				Dual Mode Bluetooth *4.0			
			Audio	Intel HD audio via HDMI 1.4b supporting 8 channel digital audio (7.1 surround sound)			
				Intel HD audio (headset/ microphone)			
				TOSLINK optical audio			
			Front panel Header	Reset, HDD LED, Power LEDs, Power on/ off			
			Mechanical Chasis Size	4.53 ''X4.37''X2.03			
				115mm X 111mm X 51.6 mm			
	Mouse		Monitor Size	15"			

12	USB Dual Charger	ADNet	Ports	2	2	Working																														
13	PI / Camera	Logi tech	<ul style="list-style-type: none">- HD video calling (1280 x 720 pixels) with recommended system- Video capture: up to 1280 x 720 pixels- Photos: up to 5.0 megapixels (software enhanced)- Built-in mic with Logitech RightSound™ technology- Hi-Speed USB 2.0 certified (recommended)- Universal clip fits laptops, LCD or CRT monitors- Magix™ photo and video editing	2	2	Working																														
14	Power & VGA Cables	Smart Vission	Accessories	2	2	Working																														
15	Cabinet	Smart Vision Cybernetyx	CRCA Steel Sheet	2	2	Working																														
16	Green Board	Smart Vission	5 feet x 4 feet Hi- quality green board for writing	2	2	Working																														
17	UPS	Orde	<table><tr><td>CAPACITY</td><td>VA/W</td><td>600VA/360W</td></tr><tr><td>INPUT</td><td>Voltage</td><td>230VAC</td></tr><tr><td></td><td>Voltage Range</td><td>140-300VAC</td></tr><tr><td></td><td>Frequency</td><td>> 40Hz (Auto Sensing)</td></tr><tr><td>OUTPUT</td><td>Voltage</td><td>230VAC</td></tr><tr><td></td><td>Voltage Regulation (Batt. Mode)</td><td>+/- 10%</td></tr><tr><td></td><td>Frequency</td><td>50Hz</td></tr><tr><td></td><td>Frequency Regulation (Batt. Mode)</td><td>+/- 1 Hz</td></tr><tr><td></td><td>Output Waveform</td><td>Modified Sine wave</td></tr><tr><td>BATTERY</td><td>Battery Type</td><td>12V7Ah x 1</td></tr></table>	CAPACITY	VA/W	600VA/360W	INPUT	Voltage	230VAC		Voltage Range	140-300VAC		Frequency	> 40Hz (Auto Sensing)	OUTPUT	Voltage	230VAC		Voltage Regulation (Batt. Mode)	+/- 10%		Frequency	50Hz		Frequency Regulation (Batt. Mode)	+/- 1 Hz		Output Waveform	Modified Sine wave	BATTERY	Battery Type	12V7Ah x 1	2	2	Working
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We have read the specifications document and we certify that installation was done satisfactorily and technically verified as per specifications mentioned in the document


Technical Expert


IQAC Coordinator (Nodal Officer)


Principal
Govt. Degree College
Salur Vizianagaram Dist