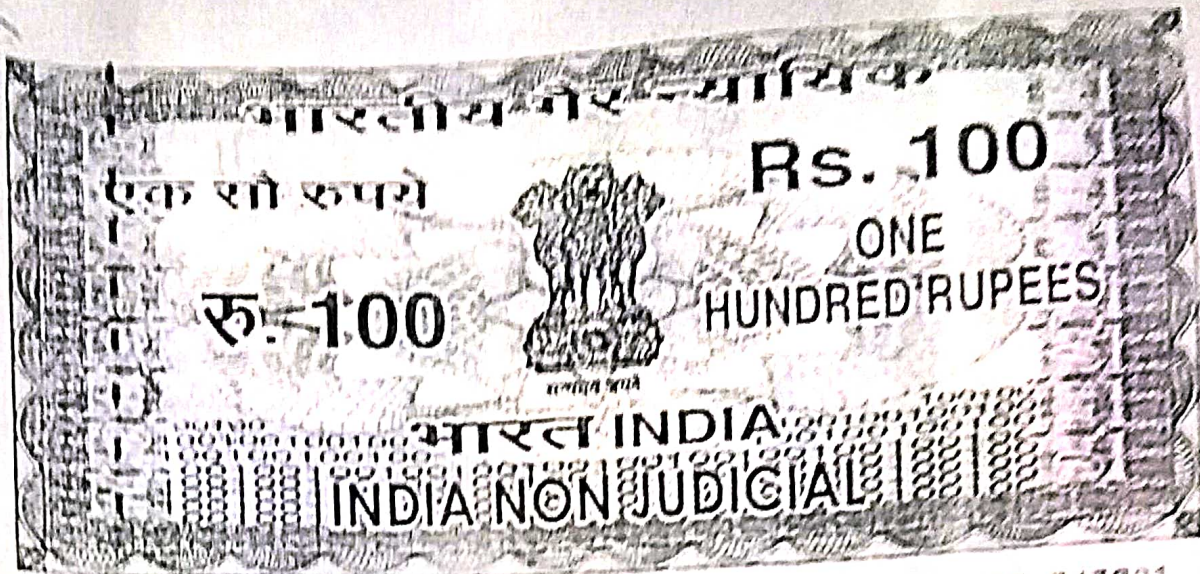


3. Any other relevant proof for the selected options



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-1-

DG 347001

AGREEMENT FOR CONNECTING SOLAR ENERGY SYSTEM TO THE DISTRIBUTION SYSTEM OF THE LICENSEE

This memorandum of agreement is made on this Dated 27/05/2022 at PUNALUR Section between Principal / Sreedhara Panikor, Sree Narayana College Punalur, KOLLAM and Consumer No. 1145932007972 as the first Party.

AND

The Kerala State Electricity board Limited a company incorporated under the Indian companies act 1956 (central act 1 of 1956) having its registered office at Vaidyutha Bhavanam pattom, Thiruvananthapuram represented by AE PUNALUR Electrical section, Sm/Shri Hereinafter referred to as KSEB Ltd (which expression shall unless excluded by or repugnant to the context or meaning thereof be deemed to include successors, representatives and assignees) as second party, of the agreement;

And whereas the Consumer has installed a solar plant at his/her premise owned by him/her or by a third Party (strike out whichever is not applicable) and has requested KSEBL to provide connectivity to Said plant.

1489 A.L.G.S.
27 MAY 2022
PUNALUR

Principal / Sreedhara Panikar
Sree Narayana College
Punalur, Kollam
N. Aravindakshar Pillai

KSEB LTD
179522

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Agreement with KSEB for Solar Power wheeling-to-grid (Page 1)

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PUNALUR



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-2-

And whereas, the KSEB Ltd, agrees to provide Solar Identification Number (SPIN) as scheduled in the agreement to the consumer for the electricity generated from the above plant having capacity kW/MVA as per conditions of this agreement and regulations/orders issued by the Kerala State Electricity Regulatory Commission from time to time.

And whereas, the consumer has, in addition to those automatic and inbuilt isolation devices within inverter and external manual relays, installed a manually operated isolating switch and associated equipment with sufficient safeguards between the solar energy system and the distribution system of KSEB LIMITED to prevent injection of electricity from his solar energy to the distribution system of the licensee when the distribution system is de-energize

And whereas, the Consumer has assured that in case of a power outage in the system of KSEB Limited his/her plant will not inject power into the distribution system of the licensee and has produced separately the documents substantiating this assurance which form part of this agreement, as if incorporated herein.

1490

1490
217 MAY 2022

Principal / Executive Engineer
Sree Narayana College
Punalur, Kollam
N. Aravindhan Pillai

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Agreement with KSEB for Solar Power wheeling-to-grid (Page 2)

Principal
SREE NARAYANA COLLEGE
PUNALUR

And whereas the Consumer has undertaken that all the equipment connected to the distribution system comply with relevant international (IEEE/IEC) or Indian standards (BIS) and that installations of electrical equipment comply with the relevant provisions of the Central Electricity Authority (Measures of Safety and Electricity Supply) Regulations, 2010

And whereas the consumer undertakes that he/she is in possession of all the necessary approvals and clearances including sanction from electrical inspector, as specified in relevant regulations for connecting the solar energy system to the distribution system for commissioning the solar energy system.

And whereas the consumer has deposited an amount of Rs.(Rupees in words) by Cash/DO as per receipt/ DD No dated..... at Electrical Section Office..... as security deposit for the installation of solar meter and net meter and shall remit the meter rent charged by the KSEB Limited at the rates approved by the Kerala State Electricity Regulatory Commission from time to time for the satisfactory fulfillment of this agreement. {strike to this portion if the meter is provided by the consumer at his/her cost}

And whereas the consumer has provided the solar meter and the meter at his/her cost, which has been tested, certified and installed by KSEB limited. {Strike out this portion if the meter is provided by the KSEB Limited}

Both Parties hereby agree as follows: -

- 1 the net metering connection shall be governed by the provisions contained in the Kerala state electricity regulatory commission (grid interactive distributed solar energy systems regulation, 2014 as amended from time to time and also subject to the conditions that the solar energy system meets the requirements as per the provisions contained in the central electricity authority (Technical standard for connectivity of the distributed generation resources) regulations 20
- 2 KSEB Limited shall have the sole authority to decide, based on the results of necessary studies the interface/interconnection point to the solar energy system.
- 3 If the consumers solar energy system either causes damage to and/or produces adverse effects affecting other consumers or assets of KSEB limited the consumer will have to disconnect solar energy system immediately from the distribution system upon direction from the KSEB limited and correct the defect at his own expense prior to the reconnection



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Agreement with KSEB for Solar Power wheeling-to-grid (Page 3)

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- 4 KSEB limited shall have access to the metering equipment and
 5 disconnecting means for solar energy system in all required situations.
 6 KSEB shall have right to disconnect solar energy system from the distribution
 7 of the licensee in emergency, if it is found that at point in time proving service
 8 through the net metering system is not safe to the grid as a whole.
 9 (a) The consumer indemnifies KSEB limited for the damages or adverse
 10 effects, if any from the negligence or intentional defective operation in the
 11 connection and operation of the distribution system of KSEB limited
 12 (b) The KSEB consumer indemnifies the consumers for the damages or
 13 adverse effects, if any from the negligence or intentional defective operation
 14 in the connection and operation of the distribution system of KSEB limited
- 7 The KSEB limited shall not be liable for the delivery to or realization by the
 8 eligible consumer of any fiscal or other incentives provided by the central
 9 /state government or any other authority.
- 8 All the commercial settlements under this agreement shall follow the
 9 provisions of the Kerala state regulatory commission (grid interactive
 10 distributed solar energy systems regulation 2014)
- 9 The consumer may terminate this agreement after giving thirty days clear
 10 notice in writing to the authorized authority of the licensee
- 10 KSEB limited has the right to terminate the agreement at any point in time
 11 after giving 30 days prior notice. If consumer breaches any terms of this
 12 agreements and in case where such breaches could be rectified and the
 13 same are not provide/informed within 30 days of written notice from KSEB
 14 Limited about the breach.
- 11 The consumer agrees that upon termination of this agreement, he must
 12 disconnect the solar energy system of KSEB Limited in a timely manner to
 13 the satisfaction of KSEB limited.
- 12 The consumer shall have the right to bank and use the electricity generated
 13 and injected in excess over his/her full consumption into the distribution
 14 system of the licensee by the solar energy system subject to the conditions
 15 Kerala state regulatory commission (grid interactive distributed solar energy
 systems) regulations 2014.
- 13 The consumer shall have the right to open access for wheeling the electricity
 14 generated in excess by 500 units over the consumptions by the solar
 15 energy system installed in the premises of the consumer detailed under item
 of the schedule attached and shall be used in the premises owned by the
 consumer and in the order of preference as
 detailed under items of the attached schedule.
- 14 The licensee shall within seven days from the date of execution of this
 agreement, commission the solar energy system.
- 15 The licensee shall pay for the net energy banked by the consumer at the end
 of settlement period at the average pooled purchase cost of electricity as
 approved by the commission for the year, as provide for in the Kerala state
 electricity regulatory commission (grid interactive distributed solar energy
 systems) regulations, 2014.

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Agreement with KSEB for Solar Power wheeling-to-grid (Page 4)

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In witness whereof the said (1st party) and the
said (2nd party) have hereunto signed at the day and year first above
Written

S/d- *[Signature]* (1st party)

Witness 1

Witness 2

S/d- (2nd party)

Witness 1

Witness 1



[Signature]
PRINCIPAL IN CHARGE
SREE NARAYANA COLLEGE
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Agreement with KSEB for Solar Power wheeling-to-grid (Page 5)

[Signature]
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Warranty Card

Customer Information

Company Name: JEE Sree Solar Pvt Ltd / SNC
Address: _____
City: Kozhikode State: Kerala Zip Code: 691305
Tel: 8000000000 Fax: _____ E-mail: _____

System Information

System Commissioning Date: _____ Model of Products: _____
No. of Products Used: _____ Date of Bill of Lading: _____
No. of Fault Products: _____ Series No. of Fault Products: _____
Fault Time: _____
Fault Message: _____
Brief Fault Description and Photos: _____



Installation Information

Modules Used: Monocr 450 Wp X 12 Nos
Modules Per String: 6 Nos No. of Strings: 2 Nos
Installation Company: JEE Sree Solar Pvt Ltd
Installer Name: _____

For the information on the warranty terms and conditions, please visit our website: www.sofarsolar.com

Tables Attached with this card are required information

Signature from the System Owner: _____

Date: 22/11/2012

All rights reserved by SOFARSOLAR. This information is subject to change without notice. E-mail: sales@sofarsolar.com
Address: No. 1, Jiefang Road, Xixiangmiao Industrial Zone, Park No. 1, Jiefang Road, Shenzhen, China



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Warranty Card for the 5.2kW Solar Power Plant (Page 1)

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Shenzhen SOFAR SOLAR Co., Ltd.
Outgoing Inspection Report

Device Name	Three-Phase String Inverter			
Product ID	 Model No. SOFAR 8RTLM-02			
Item	Item	Description	Result	
Functional Test	Hi Pot Test	AC input to ground 2.5kVdc, AC output to ground 2.5kVdc, 1min test, leakage current less than 10mA.	PASS	
	Open Under Input Voltage Test	AC input under 250Vdc over 90% for three phase, DC input under 200Vdc over 280% for single phase with 100 A IFT. DC input under 200Vdc over 500% for single phase with single MPPT inverter one work.	PASS	
	Over Under Output Voltage Test	Adjusting the AC voltage to over 276V or under 184V the inverter should shut down automatically. Adjusting the AC voltage to normal value, the inverter should be working normally.	PASS	
	Islanding Prevention Test	When the inverter reaches the island state, it is automatically disconnected in 62S time.	PASS	
	Restart After Trip Test	Inverter go back to output when alerts are removed.	PASS	
	Communication Function Test	Inverter have the communication with RS via RS485, WIFI, GPRS.	PASS	
	Phasing Insulation Resistance Test	connect a resistance less than 150KOhm between DC or L1 and L2, inverter will out of work, remove this resistance, inverter restore to work.	PASS	
	On Load Current Harmonic Test	THD<3% on rated output power condition.	PASS	
	Max Efficiency	Max efficiency should be higher than 98% for three phase Max for inverter, should be higher than 97% for single phase.	PASS	
	Input/Output Current & Voltage Efficiency Precision Test	The value is less than 2%.	PASS	
	Full Load Operation Test	Full load operation in 45°C environment temperature.	PASS	
	Restore Factory default value	factory data should be remove and parameters restore to the default value before being packaged.	PASS	
	Visual Inspection	Case & Covering	No dirt, scratch, foreign material, flaking points, burr, deformation etc.	PASS
		LOGO & Silk screen Print	No print recession, misprint, illegible print etc.	PASS
Screw		Tightly tightened, No missing screws, stripped thread etc.	PASS	
Button		Button rebound well, appearance is good.	PASS	
Foreign Material		No foreign material on the inverter.	PASS	
Packaging	Label	Should be correctly affixed to the inverter. No wrinkle, dirt, damage, misprint etc. ID on the packing box and ID on the inverter must be the same.	PASS	
	Packing Box	No dirt, damage, deformation, foreign material attached to the packing box, misprint etc.	PASS	
	Packing Tape	Correctly attached to the packing box. No wrinkle.	PASS	
	Packing Method	No foreign material in the packing box, buffer material should be correctly placed, necessary tool is correctly placed.	PASS	
		check according to packing lists correctly placed, no damage, dirt, printed matter, user manuals, warranty card, certificate of quality is available.	PASS	




PASS


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Warranty Card for the 5.2kW Solar Power Plant (Page 2)


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6

राष्ट्रीय उच्चतर शिक्षा अभियान
RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA)
KERALA STATE PROJECT DIRECTORATE
KERALA UNIVERSITY STUDENT WELFARE, DEVA KALA PANCHAYATH, P.O. VILAKKAL, KASARGOD
KODIYANNAZHARAKAM - 686 001, TEL: 0471-2391011, 2391012, 2391013, 2391014, 2391015, 2391016

6
18/08/2020

No.149/RUSA-SPD/2018

Dated: 18.08.2020

From

The State Co-ordinator
RUSA-SPD.

To

1. The Principal, Sree Narayana Guru College, Chelannur.
2. The Principal, Malabar Christian College, Calicut.
3. The Principal, Nehru Arts & Science College, Kappangad, Kasargod.
4. The Principal, Bishop Abraham Memorial College, Thuruthicad
5. The Principal, Farook College, Calicut
6. The Principal, N.S.S. College, Cherthala
7. The Principal, Sree Narayana College, Nattika.
8. The Principal, M.P Moothedath Memorial Sree Narayana Trusts College, Shoranur.
9. The Principal, Sree Narayana College, Cherthala.
10. The Principal, Sree Narayana College, Punalur.
11. The Principal, S.N College, Sivagiri, Varkala.
12. The Principal, Sree Narayana College, Kollam.
13. The Principal, St. Peter's College, Kolencherry, Ernakulam.
14. The Principal, St. Thomas College, Ranni.
15. The Principal, Mar Theophilus Training College, Thiruvananthapuram
16. St. John's College, Anchal, Kollam.

Sir,

Sub: RUSA-SPD - Implementation of RUSA-II project - Final authorization issued to commence the work

- Ref:- 1. Administrative Sanction issued vide order even No. dated 22.08.2019, 29.08.2019, 23.09.2019, 01.10.2019 and 30.10.2019.
2. Copies of Technical Sanction and agreement submitted by the accredited agency and Colleges concerned.

As per the Administrative Sanction issued from this office, vide reference 1st cited, the following colleges have submitted copies of Technical Sanction and the agreement executed between the Principal and accredited agencies concerned. Both are herewith acknowledged



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SREE NARAYANA COLLEGE
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PRINCIPAL-IN-CHARGE

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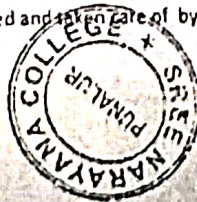
Final Authorization from RUSA to the College (Page 1)

PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

and final authorization is issued to the following colleges to commence the work, under RUSA-II, in the proposed site and as per specifications contained in the DPR.

Sl.No.	Name of College	Technical Sanction dated	Agreement date
1	Sree Narayana Guru College, Chelannur.	01.06.2020	25.06.2020
2	Malabar Christian College, Calicut.	22.05.2020	25.07.2020
3	Nehru Arts & Science College, Kanjangad, Kasargod.	22.05.2020	23.07.2020
4	Bishop Abraham Memorial College, Thuruthicad.	22.05.2020	23.07.2020
5	Farook College, Calicut.	30.10.2019	26.06.2020
6	N.S.S. College, Cherthala.	03.06.2020	25.06.2020
7	Sree Narayana College, Nattika.	15.06.2020	24.06.2020
8	M.P. Moothedath Memorial Sree Narayana Trusts College, Shoranur.	24.06.2020	25.06.2020
9	Sree Narayana College, Cherthala.	27.05.2020	24.06.2020
10	Sree Narayana College, Punalur..	22.06.2020	17.06.2020
11	S.N College, Sivagiri, Varkala.	22.06.2020	16.06.2020
12	Sree Narayana College, Kollam.	27.05.2020	24.06.2020
13	St. Peter's College, Kolencherry, Ernakulam.	18.01.2020	03.08.2020
14	St. Thomas College, Ranni.	24.06.2020	14.11.2019
15	Mar. Theophilus Training College, Thiruvananthapuram	22.05.2020	23.07.2020
16	St. John's College, Anchal, Kollam (Construction only)	06.08.2020	13.08.2020

The following points shall be noticed and taken care of by the colleges:



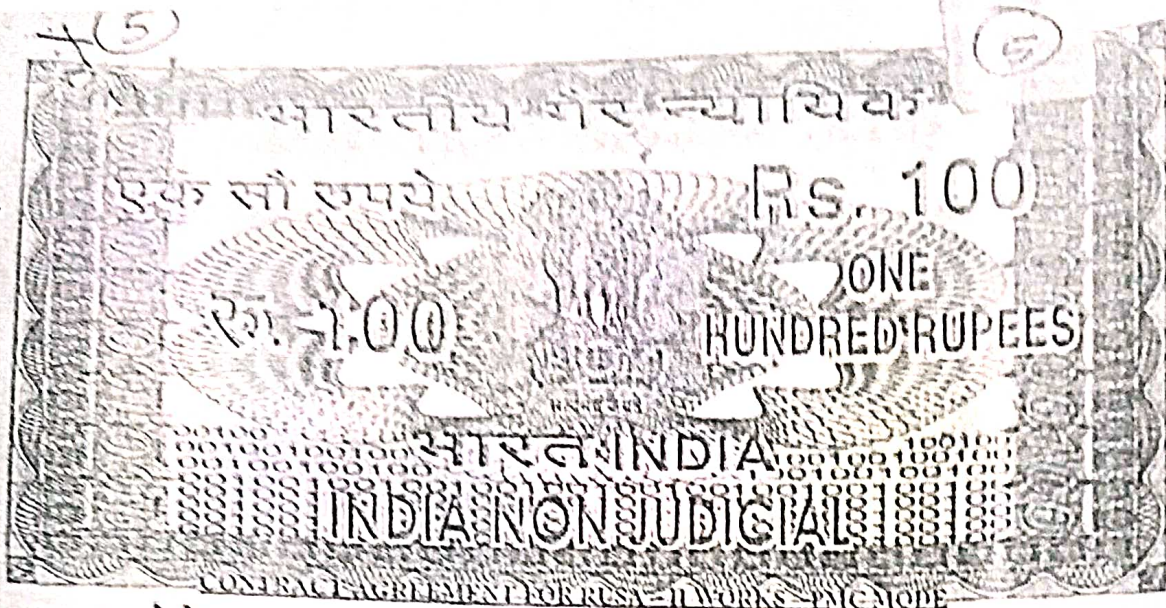
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Final Authorization from RUSA to the College (Page 2)

PRINCIPAL
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PUNALUR





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CH 248885

17/6/20

This Agreement is made on this the Wednesday of June 2020 BETWEEN SREE NARAYANA COLLEGE, PUNALUR represented by its Principal Dr. T PRADEEP Here in after referred to as the FIRST PARTY (which expression shall include his successors and assignees) on the One Part AND the KERALA STATE CONSTRUCTION CORPORATION LIMITED represented by its REGIONAL MANAGER, THIRUVANANTHAPURAM (hereinafter referred to as the second party which expression shall include his legal representatives, executors, administrators and permitted assignees) on the Second Part. WHEREAS, Rashtriya Uchchatar Shiksha Abhiyan (RUSA) is a centralized sponsored scheme for developing higher education in India by providing funding to higher educational institutions throughout the country initiated in the year 2013 by the Ministry of Human Resource Development, Government of India (MHRD);

- 1. PRINCIPAL
- 2. Lt. Dr. Amn. V
- 3. Junior Superintendent


 PRINCIPAL

 REGIONAL MANAGER
 SREE NARAYANA COLLEGE
 PUNALUR
 KERALA STATE CONSTRUCTION CORPORATION LIMITED
 THIRUVANANTHAPURAM

AS 2673

principle

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Agreement between the College and Kerala State Construction Corporation Limited to secure funding from RUSA

PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

ABSTRACT ESTIMATE

RUSA WORKS COLLEGE, PUNALUR

(Dec year 2016, Cost Index Applied for this estimate is 4185.3)

I CIVIL WORKS

1	2.31 Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and retrieval of rubbish up to a distance of 50 m outside the periphery of the area cleared	Net Total Quantity	427.5 sqm
		Say 427.5 sqm @ Rs 10.21	4364.78
2	2.31.2 Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 60 cm girth up to and including 120 cm girth	Net Total Quantity	3.0 each
		Say 3.0 each @ Rs 1379.77	4139.31
3	2.33.3 Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material. Beyond 120 cm girth up to and including 240 cm girth	Net Total Quantity	3.0 each
Public Works Department		Say 3.0 each @ Rs.6389.28	19167.84
4	2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms; lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil	Net Total Quantity	217.05 cum
		Say 217.05 cum @ Rs. 236.04	74836.01
5	4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level. 1:1.8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	Net Total Quantity	53.26 cum
		Say 53.256 cum @ Rs.6352.26	338295.96
6	2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m	Net Total Quantity	120.0 cum
		Say 120.0 cum @ Rs.176.38	21165.60
7	7.1.1 Random rubble masonry with hard stone in foundation up to plinth level with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 40 mm nominal size) up to plinth level with cement mortar 1:6 (1 cement : 6 coarse sand)	Net Total Quantity	120.0 cum

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Agreement between the College and Kerala State Construction Corporation Limited to secure funding from RUSA (Contd.)

**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

IN WITNESS WHEREOF, the parties hereto have set their hands

SIGNED AND DELIVERED FOR AND ON BEHALF OF THE FIRST PARTY

Name : T. PRADIP
Address : PRINCIPAL SMC COLLEGE
PUNALUR

Signature:

In the presence of witnesses:

1. Name and Address:
Lt. Dr. Anon. V.
Assistant Professor

Signature:

2. Name and Address:

B. Vasanthan.
Sr. Superintendent.

Signature:

SIGNED AND DELIVERED FOR AND ON BEHALF OF THE SECOND PARTY

Name : Smt. P. K. Rama
Address : General Manager
KSCC. 27 d.

Signature:

GENERAL MANAGER
KERALA STATE CONSTRUCTION
CORPORATION LTD.
THIRUVANANTHAPURAM-33

In the presence of witnesses:



Name and Address: A. Surendran Nair
KSCC office KSCC
Name and Address: Poovaran. K
Typist clerk

Signature:

Signature:

Handwritten text: KSCC office KSCC

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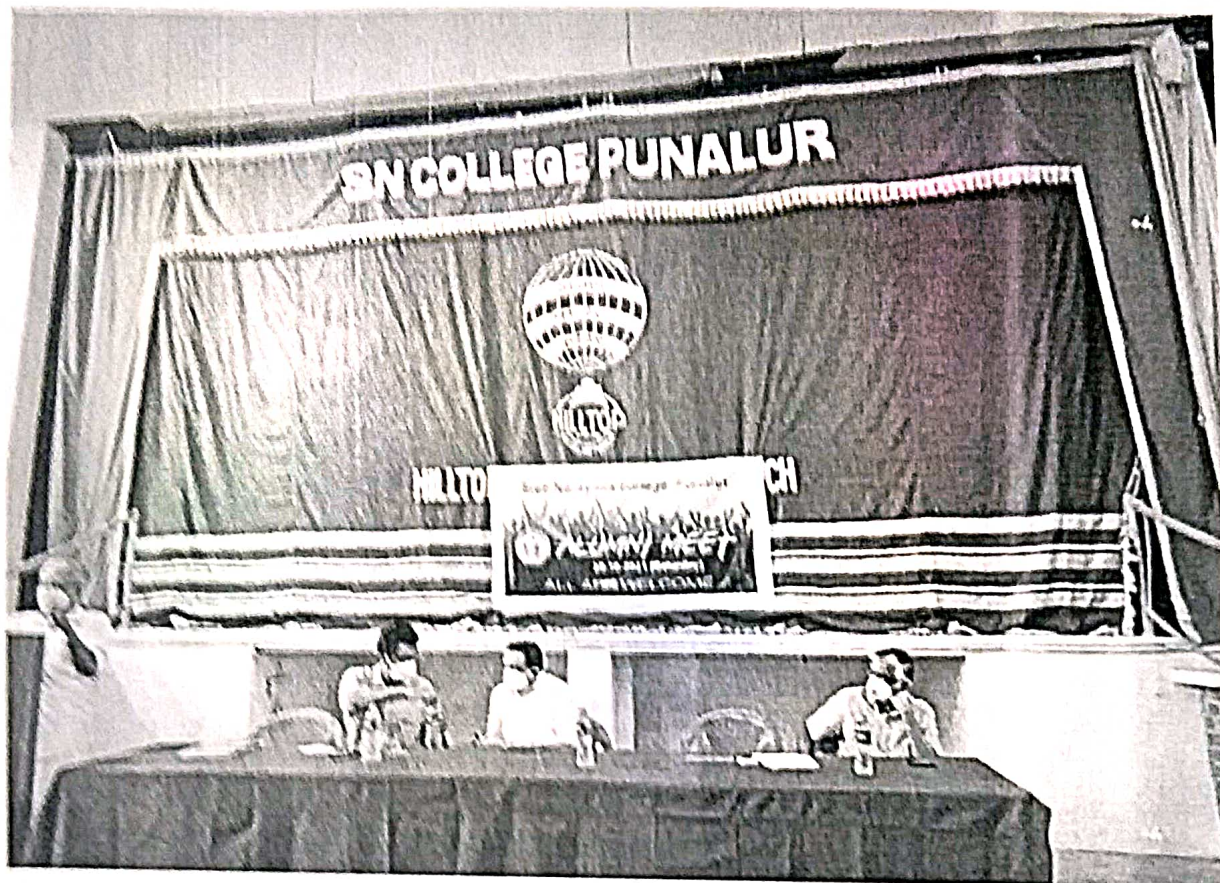


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Alumni association announcing the sponsoring of Biogas Plant in College.

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