



# SUNDHARESH MEDICAL

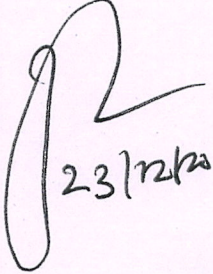
472, Kumar Complex,  
Alangudi Road, Kulavaipatti,  
Pudukkottai, 6222001.

Phone no: 87781 99640

DATE: 23-12-2020

To


The Principal,  
Sri Bharathi Engineering College for Women,  
Kaikkurichi,  
Pudukkottai – 622 303.

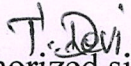
HOD/ECE  
for necessary action  
please.   
23/12/20

Dear Sir/Madam,

We received the Consultancy Work Brochure of Sri Bharathi Engineering College for Women. In this Connection we require hand sanitizer dispenser machine and kindly submit the quotation for further consideration.

Thanking You

  
Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai Dt.

  
Authorized signatory  
[T. DEVI]  
SUNDHARESH MEDICAL  
472, Kumar Complex,  
Alangudi Road, Kulavaipatti,  
Pudukkottai - 622 001.





# SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Pudukkottai - Aranthangi Road,  
Kaikkurichi, Pudukkottai - 622 303.

Date : 28/12/2020

To

Mrs.T.Devi,  
Sundharesh Medical,  
472,Kumar Complex,  
Kulavaipatti,Pudukkottai,  
Tamil Nadu, 622001.

Dear Sir,

Sub: Quotation for Product of Touch Free Sanitizer Dispenser - Reg  
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Greetings !!!

With reference to your letter dated 23.12.2020, we are submitting the quotation for the product of "Touch Free Sanitizer Dispenser", We wish to submit the clear proposal for your consideration after in-depth discussions with you.

## Quotation

Sl. No.	Particulars	No of Quantity	Rate(Rs)	Amount in Rs
1.	Touch Free Sanitizer Dispenser	50	1,900	95,000
<b>Total Payable</b>				<b>95,000</b>
In Words: Ninety-Five thousand only				

Thanking You

  
PROJECT INVESTIGATOR

  
Dr. S.THILAGAVATHI M.E.,Ph.D.,

PRINCIPAL

SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN

Kaikkurichi - 622 303, Pudukkottai Dt.

  
PRINCIPAL 28/12/20

SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN

KAIKKURICHI - 622 303.

Ph: 04322 - 242768 Mobile: 99422 28029, 97509 28029

website : www.sbec.edu.in e-mail : sribharathiengcollege@gmail.com





# SUNDHARESH MEDICAL

472, Kumar Complex,  
Alangudi Road, Kulavaipatti,  
Pudukkottai, 6222001.

Phone no: 87781 99640

DATE: 08.01.2021

To

The Principal,  
Sri Bharathi Engineering College for Women,  
Kaikkuruchi  
Pudukkottai – 622 303

Forwarded to  
HOD / ECE  
8/1/21

Respected Madam,

After elaborate discussion, we would like to confirm the quotation and we are prepared to allocate the necessary funds for 50 quantities of “Touch Free Sanitizer Dispenser”.

Herewith we have sanctioned the total amount of Rs 95,000/-to carry out products development consultancy work for the above mentioned quantity and it should be completed within specified time span. For any support or queries, kindly notify us at any time.

Thanking You

T. Devi  
[T. DEVI]  
Authorized Signatory

SUNDHARESH MEDICAL  
472, Kumar Complex,  
Alangudi Road, Kulavaipatti,  
Pudukkottai - 622 001.

  
Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurchi - 622 303, Pudukkottai Dt.





**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**  
**Kaikkurichi, Pudukkottai - 622 303.**

**DEPARTMENT OF ELECTRONCS AND COMMUNICATION ENGINEERING**

**CONSULTANCY PROJECT WORK**  
**REPORT**

**TOUCH FREE SANITIZER DISPENSER**

Submitted

To

**Mrs.T.Devi,**  
Sundharesh Medical,  
472,Kumar Complex,  
Kulavaipatti,Pudukkottai,  
Tamil Nadu, 6222001.

09.03.21

  
**Dr. S.THILAGAVATHI M.E.,Ph.D.,**  
PRINCIPAL  
**SRI BHARATHI ENGINEERING**  
**COLLEGE FOR WOMEN**  
Kaikkurichi - 622 303, Pudukkottai Dt.



## Product Development Consultancy Report

### Objective:

During Covid-19 pandemic, Touch Free Sanitizer Dispenser plays a vital role in sanitizing our hands. Hence, Touch Free Sanitizer Dispenser has been developed to promote hand hygiene among the general public in hospitals and at common public meeting places.

### Requirement: "Touch Free Sanitizer Dispenser"

**Cost Per Product: Rs.1900/-**

**No of units delivered: 50**

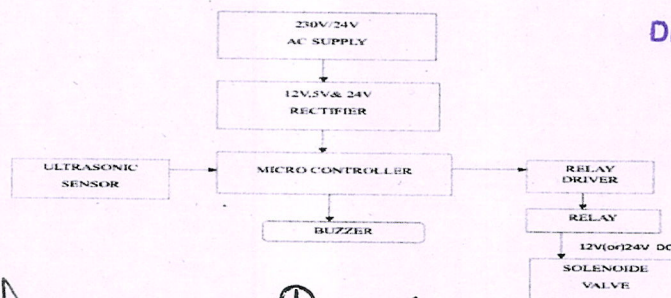
**Duration of the Product: 60 days** (including design, development and delivery)

**Total Sanctioned amount of the project: 95,000/.**

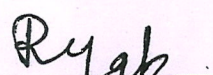
### Description:


The Microcontroller-based Touch-Free Sanitizer Dispenser is an innovative project designed to promote hand hygiene and reduce the risk of infection transmission in various settings. This device employs an infrared proximity sensor to detect the presence of hands or objects beneath its nozzle, activating a microcontroller that controls a liquid pump. Once triggered, the pump dispenses a predetermined amount of sanitizer or disinfectant without the need for physical contact, ensuring a hygienic and convenient solution for individuals. This project is particularly valuable in public places, healthcare facilities, and high-traffic areas where maintaining hand hygiene is crucial. Its user-friendly and touch less design enhances safety and sanitation, contributing to overall public health efforts.

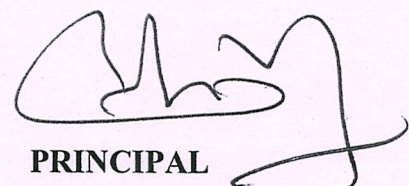
### Block Diagram:



  
PROJECT INVESTIGATOR

  
HoD/ECE  
HOD / ECE  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI,  
PUDUKKOTTAI - 622 303

  
Dr. S.THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai Dt.

  
PRINCIPAL  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI - 622 303,  
PUDUKKOTTAI DISTRICT





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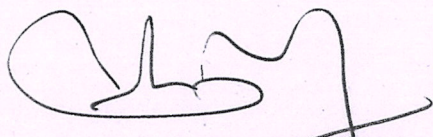
Pudukkottai - Aranthangi Road,  
Kaikkurichi, Pudukkottai - 622 303.

Date : 9.3.2021

## UTILIZATION CERTIFICATE

Certified that amount of **Rs 95,000.-**(Ninety Five Thousand Only) sanctioned during the year of 2020 -2021 in favor of Department of Electronics and Communication Engineering–Sri Bharathi Engineering College for Women received from **Sundharesh Medical, Pudukkottai** has been utilized for the product development consultancy work titled **“Touch Free Sanitizer Dispenser”**. The purpose of which it was sanctioned, has been duly fulfilled and the product was delivered as per the conditions.

  
PROJECT INVESTIGATOR

  
PRINCIPAL 29/3/21  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI - 622 303.  
PUDUKKOTTAI DISTRICT

  
Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
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Kaikkurichi - 622 303, Pudukkottai Dt.