



SATHYA MEDICAL

Saravanapuram, Somarasanpettai,
Trichy,
Tamil Nadu, 620102.

Date: 21/12/2020

To

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

Dear Sir/Madam,

Due to COVID-19 pandemic, we are in need of a hand sanitizer dispenser machine to meet the requirements of our clients. In this connection, we invite your proposal with the best offer price.

Thanking You

Forwarded to

HOD / ECE

[Handwritten signature]
21/12/20

Authorized Signatory

[Handwritten signature]

SATHYA MEDICAL
Saravanapuram, Somarasanpettai,
Trichy - 620 102.

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

TIME : Morning : 9.00am to 1.00pm
Evening : 3.00pm to 9.00pm

Phone no: 9488018201



SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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

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

To

Date : 26.12.2020

Dr.S.Indumathi Thiyagarajan,
Sathya Medical,
Somarasanpettai,
Trichy,
Tamil Nadu, 620102.

Dear Sir,

Sub: Quotation for Design and Development of Touch Free Sanitizer
Dispenser - Reg

Greetings from Sri Bharathi Engineering College for Women!!!

With reference to your letter dated 21.12.2020, regarding the design and development of Touch Free Sanitizer Dispenser, our faculty Mrs.V.Nithyapoorani ECE department wish to submit the official Quotation for your consideration after elaborate discussion.

Quotation

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

Thanking You


PROJECT INVESTIGATOR


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

PRINCIPAL
PRINCIPAL

SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN

Kaikkurichi - 622 303, Pudukkottai District

Ph: 04322 - 242768
website : www.sb.ec.edu.in

Mobile: 99422 28029, 97509 28029
e-mail : sribharathiengcollege@gmail.com



SATHYA MEDICAL

Saravanapuram, Somarasanpettai,
Trichy,
Tamil Nadu, 620102.

Date: 5-01-2021

To

The Principal,
Sri Bharathi Engineering college for women,
Kaikkuruchi
Pudukkottai – 622 303.


Forwarded to
HOD / ECE
05/01/21

Respected Madam,

After brief discussion, we would like to confirm the quotation and sanctioned the total cost of Rs 95,000/- with the following details

Sanctioned Project Details			
Project Title:		Touch Free Sanitizer Dispenser	
Name and Address of the Company:		Dr.S.Indumathi Thiyagarajan, Sathya Medical, Somarasanpettai, Trichy, Tamil Nadu, 620102.	
S. No	Name of the Project Investigator	Mrs. V.NithyaPoorani	Department: ECE
No of Products sanctioned : 50			
Sanctioned Project Cost: Rs. 95,000			
Total Project Cost: Rs. Rs. 95,000			
Duration of Proposed Work: 60 Days			
Proposed Date of Commencement: 11/01/2021		Proposed Date of Completion: 04/03/2021	
Scope of Proposed Work: Design and Development of Touch Free Sanitizer Dispenser			


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Authorized Signatory
SATHYA MEDICAL
Saravanapuram, Somarasanpettai,
Trichy - 620102. Phone No: 9488018201

TIME : Morning : 9.00am to 1.00pm
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Kaikkurichi, Pudukkottai - 622 303.

DEPARTMENT OF ELECTRONCS AND COMMUNICATION ENGINEERING

CONSULTANCY PROJECT WORK

REPORT

TOUCH FREE SANITIZER DISPENSER

SUBMITTED

To

Dr.S.Indumathi Thiyagarajan,
Sathya Medical,
Somarasanpettai,
Trichy,
Tamil Nadu,
620102.

Dr. S.THILAGAVATHI M.E.,Ph.D.,
PRINCIPAL
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Kaikkurchi - 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

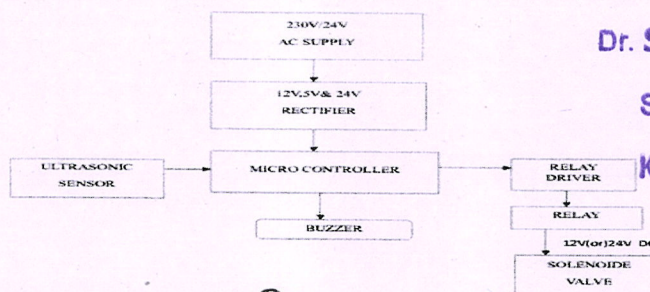
Duration of the Product: 60 days (including design, development and delivery)

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.

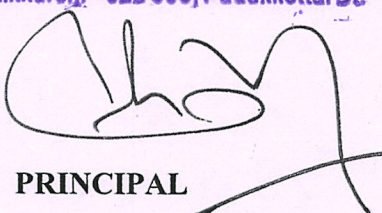
Block Diagram:




PROJECT INVESTIGATOR


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


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Kaikkurichi, Pudukkottai - 622 303.

Date : 4.13.2021...

UTILIZATION CERTIFICATE

Certified that the amount of rupees **Rs.95,000/-** (Ninety Five thousand only) sanctioned during the academic year (2020 - 2021), in favour of Department of Electronics and Communication Engineering, Sri Bharathi Engineering College for Women received from **Sathya Medical, Trichy** has been utilized for product development consultancy work titled "**Touch Free Sanitizer Dispenser**". The purpose of amount sanctioned has been fulfilled and delivered as per conditions of grant were satisfied.


PROJECT INVESTIGATOR


PRINCIPAL 4/13/21

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


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