



**HI - TECH
ELECTRONICS**

No.12/A,3rd Cross Vasantha Nagar, Viswas Nagar Extn.,
Karumandapam, Trichy - 620 001.
Mobile : 95972 30302 | 94434 25367
Email : hiteel@ymail.com / jesurajm70@gmail.com
GSTIN : 33AFDPJ5675G1ZH

- Electrical
- Electronics
- Instrumentation
- Physics
- Chemistry

Date : 08/02/2022

To

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

Forwarded to
HOD / EEE
8/2/22

Dear Sir/Madam,

Thank you for sharing the Consultancy Work Brochure of **Sri Bharathi Engineering College for Women**. We are particularly interested in your project "**Automatic SMS based Irrigation Field motor control system**" to safeguard the life of farmers from dangerous night works and would like to enquire further about this service.

Kindly provide information on the cost of Automatic SMS based Irrigation Field motor control system.

Thanking You

Authorized Signatory,

M. Jesuraj
(M. JESURAJ.)
Chief Executive



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



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 : 17/02/2022..

To

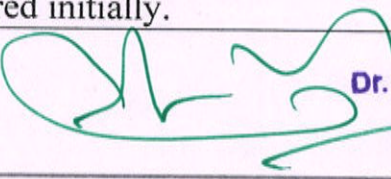
Mr.M.Jesu Raj
Managing Director
Vasanth Nagar, Karumandapam,
Trichy - 620001

Respected Sir,

Sub : Submission of Consultancy Work quotation – Reg.
Greetings from Sri Bharathi Engineering College for Women,

With reference to your letter dated 08.02.2022, regarding the development of a product to protect farmers from night work impacts. After in-depth discussions, we would like to submit the quotation to carry out the product development consultancy work of your esteemed organization. We would like to bring to your kind notice that, the product of “Automatic SMS based Irrigation Field motor control system” unit price may cost around Rs 3000/- and listed in the below table for your kind perusal.


Sl. No.	Particulars	Unit Rate(Rs)	No of Quantity	Amount in Rs
1.	Unit Cost including Cabinet Design	3,000	25	75,000
				75,000
Total Payable				75,000
Project Design and delivery- 50 days. Minimum of 25 pieces has to be ordered initially.				

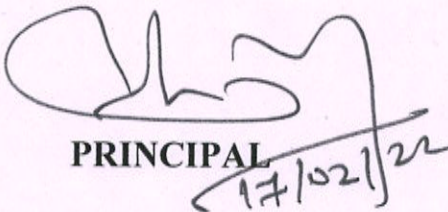

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COLLEGE FOR WOMEN

Page 1 of 2

The tentative days required to complete the proposed work will be 50 days. We are looking forward to kind consideration about the product consultancy work proposal and we request you to please do not hesitate to contact us for any queries.

Thanking You


PROJECT INVESTIGATOR


PRINCIPAL
17/02/22

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


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- Instrumentation
- Physics
- Chemistry

Date: 20.02.2022

To

The Principal,
Sri Bharathi Engineering College for Women,
Kaikkurichi,
Pudukkottai-606 303.

Hand/ECE
for necessary action
please
20/2/22

Dear Sir/Madam,

Concerning your Quotation dated on 16.02.22. We accept your proposal for the product development consultancy work "Automatic SMS based Irrigation Field motor control system" as per the quotation for 25 quantity of product. In Consultation with our project investment team, we are ready to invest in the design and development of an "Automatic SMS based Irrigation Field motor control system".

Herewith we have sanctioned the total amount of Rs 75,000/- 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

Authorized Signatory,

M. Jesuraj
(M. JESURAJ)
Chief Executive



[Signature]
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ELECTRO SYSTEMS
ASSOCIATES

SES INSTRUMENTS PVT. LTD.



60
years





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

DEPARTMENT OF ELECTRONCS AND COMMUNICATION ENGINEERING

CONSULTANCY PROJECT WORK
REPORT

AUTOMATIC SMS BASED IRRIGATION FIELD MOTOR CONTROL SYSTEM

SUBMITTED

To

Mr.M.JESU RAJ

Managing Director

Vasanth Nagar, Karumandapam,

Trichy - 620001

11.04.22

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

PRINCIPAL

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

Product Development Consultancy Report:

Objective:

A common problem faced by our farmers is irrigation of agricultural land during night time. This site work leads to loss of human life due to snakes/insect bite. To solve this problem and to save the life of farmers SMS Based automatic irrigation of agricultural land using field motor control system was developed and implemented.

Requirement: Automatic SMS based Irrigation Field motor control system

Cost Per Piece: Rs.3,000/-

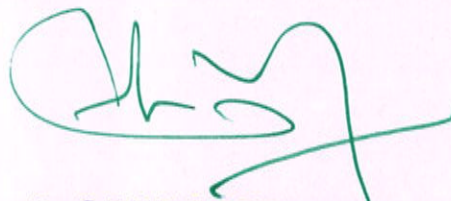
No of units Delivered: 40

Total sanctioned Amount of the project: 1,20,000/-

Duration of the Product: 50 days (including design, development and delivery)

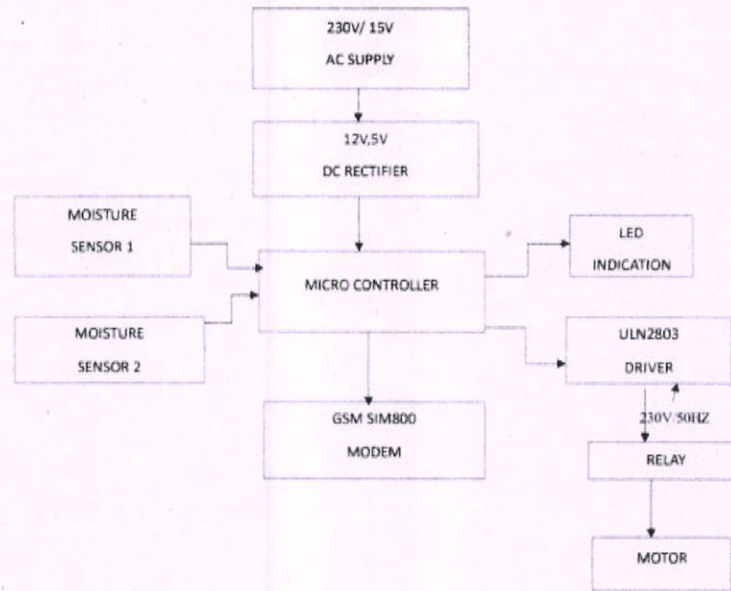
Description:

The "Automatic SMS-based Irrigation Field Motor Control System" project represents a cutting-edge approach to modernizing agricultural practices. It harnesses the power of SMS (Short Message Service) technology and automation to optimize irrigation processes in farming. Through a user-friendly interface, farmers can send SMS commands from their mobile devices to remotely control the operation of irrigation field motors. This system offers farmers the ability to schedule and adjust irrigation cycles based on real-time weather conditions and soil moisture levels, thus conserving water resources and maximizing crop yields. By providing an efficient and convenient means of irrigation management, this project not only enhances agricultural productivity but also contributes to water conservation and sustainable farming practices, ultimately improving the livelihoods of farmers while ensuring responsible resource usage.

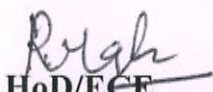


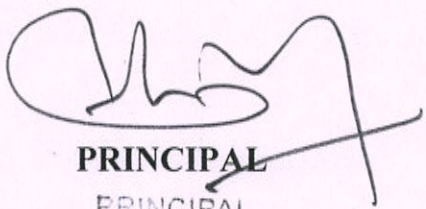
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COLLEGE FOR WOMEN
Kalkkurchi - 622 303, Pudukkottai Dt.

Block Diagram:




PROJECT INVESTIGATOR


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


PRINCIPAL
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Kaikkurichi, Pudukkottai - 622 303.

Date : 11/04/2022

UTILIZATION CERTIFICATE

Certified that the amount of rupees Rs.75,000(Seventy Six thousand only) was sanctioned by Hi-Tech Electronics, Trichy during the academic year (2021 - 2022), in favour of Department of Electronics and Communication Engineering, Sri Bharathi Engineering College for Women, Kaikkurichi, Pudukkottai has been fully utilized for product development of Automatic SMS based Irrigation Field Motor Control System. The purpose of amount sanctioned has been fulfilled and delivered as per conditions of grant were satisfied


PROJECT INVESTIGATOR


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