



**VEMU INSTITUTE OF TECHNOLOGY**

**P.Kothakota, Chittoor District -517112**

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**Consultancy Work  
"GSM Control & LDR  
Street Light"**

**15.09.2017**

**to**

**02-11-2017**

**(Under MOU Activity)**

# PAVAN EMPOWER SOLUTIONS

An ISO 9001:2008 Moram (V),Palamaner (M), Chittoor (D) ,Ph +919959845143

Ref. No.: PES/2017-18/CONSULTANCY WORK

21.08.2017

To

The Principal,  
Vemu Institute of Technology,  
P. Kothakota,  
Chittoor – Tirupathi Highway  
Chittoor –District,  
Andhra Pradesh-517112.

Dear Sir/Madam,

Subject: Invitation – Consultancy Work/ Services – Proposal-Reg.

Pavan Empower Solutions Limited provides product, services and solutions to Academic, industrial and commercial users for Healthcare Domain, Agriculture Domain, Education Domain. These services enable business to “Do Business Better” through optimum use of technology and process excellence and help you to perform in this dynamic market environment.

As a part of all application domains we need to design and develop the following with the extension of technical support from your Institution.

S. No	Title	Duration
1	GSM Control & LDR street light	3 Months
2	Automatic Room Lights ON / OFF	3 Months

In this regard, we invite the experienced faculties of your institution and also to submit a technical details and financial proposal for consulting services required.

We are enthusiastically expecting for your favorable response.

Thanking you,

With Regards

Pavan Empower Solutions  
For Pavan Empower Solutions

*B. Palmaner*  
Proprietor

*W*  
PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

27.08.2017

From:  
Dr. S. Arun  
Professor  
Department of ECE  
Vemu Institute of Technology

To,  
The Principal,  
Vemu Institute of Technology,  
P. Kothakota.  
Sir,  
Sub.: Permission – Consultancy work – Reg.

I hereby submitting a request letter as Principal Investigator, to have permission to do and complete the consultancy work with following details

1	Project Title	GSM CONTROL & LDR STREET LIGHT
2	Duration of Consultancy Project Work	FROM 15.09.2017 TO 02.11.2017
3	Total Cost of The Project	45,000/-
4	Principal Investigator	Dr. S. ARUN PROFESSOR DEPARTMRNT OF ECE VEMU INSTITUTE OF TECHNOLOGY
5	Co-Principal Investigator	MS. REENA ASST.PROFESSOR DEPARTMRNT OF ECE VEMU INSTITUTE OF TECHNOLOGY
6	Team Members	Dr. S. ARUN - P.I MS. REENA - CO-P.I MR. P.MAHESH - MEMBER MRS. S.CHANDANA- MEMBER
7	Collaborating Organizations	VEMU INSTITUTE OF TECHNOLOGY, P. KOTHAKOTA & PAVAN EMPOWER SOLUTIONS LTD, PALAMANER

*forwarded to  
Principal  
SAV*

*IB  
27/8*

*To HOD/ECE  
Approved by Indira Arun  
CA  
29/08*

Yours Sincerely

*SAV*

Dr. S. Arun

*W*  
PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112



**VEMU INSTITUTE OF TECHNOLOGY**  
P.Kothakota-517112, Near Pakala, Chittoor-District, Andhra Pradesh.  
(Approved by AICTE, New Delhi, Permanently Affiliated to JNTUA)  
Accredited by NAAC, Recognized Under 2(f) &12(B) of UGC Act.  
An ISO 9001:2015 Certified Institute)

**Department of Electronics and Communication Engineering**

**CONSULTANCY UNDERTAKING FORM**

1	Name of the concerned Dept.	ELECTRONICS AND COMMUNICATION ENGINEERING
2	Title of the Project Work	GSM CONTROL & LDR STREET LIGHT
3	Type Of Project	DESIGN AND IMPLEMENTATION
4	Total Cost of the Project	45,000/-
5	Names of the faculty undertaking the Project	DR. S. ARUN - P.I MS. REENA - CO-P.I MR. P.MAHESH - MEMBER MRS. S.CHANDANA - MEMBER

Signature of the staff/PI:



HEAD  
DEPARTMENT OF ECE  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112



PRINCIPAL

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P. KOTHAKOTA - 517 112



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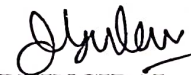
**VEMU INSTITUTE OF TECHNOLOGY**  
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**Department of Electronics and Communication Engineering**

**A. SUMMARY SHEET**

1	PROJECT TITLE	GSM CONTROL & LDR STREET LIGHT	
2	DURATION OF CONSULTANCY PROJECT WORK	FROM 15.09.2017 TO 02.11.2017	
3	TOTAL COST OF THE PROJECT	45,000/-	
4	PRINCIPAL INVESTIGATOR	Dr. S. ARUN PROFESSOR DEPARTMRNT OF ECE VEMU INSTITUTE OF TECHNOLOGY	
5	CO-PRINCIPAL INVESTIGATOR	MS. REENA ASST.PROFESSOR DEPARTMRNT OF ECE VEMU INSTITUTE OF TECHNOLOGY	
6	<b>COLLABORATING ORGANIZATIONS TEAM MEMBERS</b>		
	<b>ORGANIZATION</b>	<b>TEAM MEMBERS</b>	<b>ACTIVITIES/TASKS ASSIGNED</b>
	VEMU INSTITUTE OF TECHNOLOGY	Dr. S. ARUN - P.I	Complete responsibility for design and development total project work
	VEMU INSTITUTE OF TECHNOLOGY	MS. REENA - CO-P.I	Circuit Design Implementation
	VEMU INSTITUTE OF TECHNOLOGY	MR. P.MAHESH - MEMBER	Circuit Design Implementation
VEMU INSTITUTE OF TECHNOLOGY	MRS. S.CHANDANA - MEMBER	Hardware and Software Testing and Verification	

  
**HOD HEAD**  
DEPARTMENT OF ECE  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112

  
**PRINCIPAL**  
PRINCIPAL  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112

  
**PRINCIPAL**  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112



# VEMU INSTITUTE OF TECHNOLOGY

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VEMU  
IT

Ref. No.: VEMU /ECE/2017-18/CONSULTANCY WORK/PES

Date: 29.08.2017

To

The Managing Director  
Pavan Empower Solutions,  
Moram, Palamaner,  
Chittoor(Dist).

Dear Sir,

Subject: Acceptance-Technical Consultancy Concern – reg.

Ref: PES/2017-18/CONSULTANCY WORK, Letter dated: 21.08.2017

With reference to the letter cited above, we wish to inform you that, the faculty members from Department of Electronics and Communication Engineering, Vemu Institute of Technology accept and undertake the technical consultancy work according to your invitation. The details are as follows,

S. No	Title	Duration (Approx.)	Development Charge
1	GSM Control & LDR street light	3 Months	45,000/-
2	Automatic Room Lights ON / OFF	3 Months	30,000/-

We assure that the project allotted to us will be done effectively and the institute is cordially waiting for your early response on or before 08.09.2017.

Thanking you,

  
Yours sincerely,

PRINCIPAL  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112

Copy to:

1. HOD/ECE (Consultancy works file)
2. R&D Cell

P.Kothakota, Tirupathi-Chittoor Highway, Near Pakala, Chittoor-517112, Andhra Pradesh, India

PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

# PAVAN EMPOWER SOLUTIONS

2016

An ISO 9001:2008 Moram (V),Palamaner (M), Chittoor (D) ,Ph +919959845143

Ref. No.: PES/2017-18/CONSULTANCY WORK

04.09.2017

To

The Principal,  
Vemu Institute of Technology,  
P. Kothakota,  
Chittoor – Tirupathi Highway  
Chittoor –District,  
Andhra Pradesh-517112.

Respected Sir/Madam,

Sub: College visit -Consultancy work – Reg.

We are very happy for your kind acceptance of our Consultancy work. We are glad for your invitation to visit your college campus for further discussions. Our representatives will approach you on Dt: 08-09-2017 at about 10:00 A.M. Kindly give permission/ acceptance for the meeting between faculty and our representatives.

S. No	Title	Duration (Approx.)
1	GSM Control & LDR street light	3 Months
2	Automatic Room Lights ON / OFF	3 Months

This is for your kind information and due action.

With regards.

Pavan Empower Solutions  
For Pavan Empower Solutions

*Le Palmaner*  
Proprietor

*WU*  
PRINCIPAL

Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

[www.pavanempowersolutions.com](http://www.pavanempowersolutions.com)



**VEMU INSTITUTE OF TECHNOLOGY**  
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**VEMU  
IT**

Ref. No.: VEMU /ECE/2017-18/CONSULTANCY WORK/PES

Date: 29.09.2017

To

The Managing Director  
Pavan Empower Solutions,  
Moram, Palamaner,  
Chittoor(Dist).

Dear Sir,

Subject: Components requirement-Technical Consultancy Concern – reg.

With reference to the above subject, we wish to inform you that, the faculty members concerned to consultancy work entitled “GSM Control & LDR street light”, from Department of Electronics and Communication Engineering, Vemu Institute of Technology initiated the same and expecting the enclosed components to develop / complete the given task.

We assure that the project allotted to us will be done effectively with in specified schedule.

Thanking you,

Yours sincerely,

  
PRINCIPAL

VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112

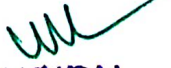
Encl:

1. List of components

Copy to:

1. HOD/ECE (Consultancy works file)
2. R&D Cell

P.Kothakota, Tirupathi-Chittoor Highway, Near Pakala, Chittoor-517112, Andhra Pradesh, India

  
PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

## CONSULTANCY AGREEMENT

between

PAVAN EMPOWER SOLUTIONS,  
Morum, Palamaner, Chittoor(Dist), A.P - 517432.

&

VEMU INSTITUTE OF TECHNOLOGY,  
P.Kothakota-517112, Near Pakala, Chittoor-District, Andhra Pradesh.

Date: 08-09-2017

This Consultancy Agreement (GSM Control & LDR street light) is made and entered into this 08-09-2017 ( The "Effective Date") and ends with the duration of three months, by Pavan Empower Solutions (The "Company") with its managing director place of business located at Moram, Palamaner and VEMU Institute of Technology (The "Consultant") with its principal place of business located at P. Kothakota (Hereinafter referred to individually as a "Party" and collectively as " the Parties")

Now, therefore, the Parties hereby agree as follows:

### **1. Engagement and Services**

#### **a) Engagement:**

The Company hereby engages the consultant to provide and perform the services and the consultant hereby accepts the engagement.

#### **b) Standard of services:**

All services to be provided by consultant shall be performed with promptness and diligence in a workman like manner and at a level of proficiency to be expected of a consultant with the background and experience that Consultant has represented it has. The Company shall provide such access to its information, property and personnel as may be reasonably required in order to permit the Consultant to perform the Services.

#### **c) Tools, Instruments and Equipment:**

Consultant shall provide Consultant's own tools, instruments and equipment and place of performing the Services, unless otherwise agreed between the parties.

#### **d) Representation and Warranty:**

Consultant represents and warrants to the Company that it is under no contractual or other restrictions or obligations which are inconsistent with the

execution of this Agreement or which will interfere with the performance of the Services.

**2. Consultancy Period**

**a) Commencement:**

This Agreement shall commence on the Effective date and shall remain in effect until the completion of the services or the earlier termination of this agreement as provided in Article 2(b) (the "Consultancy Period").

**b) Termination:**

This Agreement may be terminated by the Company, without cause and without liability, by giving notice before one month calendar days written notice of such termination to the other Party in the event of a material breach by the other Party. "Material breach" shall include:

(i) Any other breach that a Party has failed to cure within one month calendar days after receipt of written notice by the other party,

(ii) The death or physical or mental incapacity of Consultant or any key person performing the Services on its behalf as a result of which the Consultant or such key person becomes unable to continue the proper performance of the Services,

(iii) An act of gross negligence or willful misconduct of a party, and

(iv) The insolvency liquidation or bankruptcy of a party.

**3. Consultancy Fees and Expenses**

**a) Consultancy Fee:**

In consideration of the services to be rendered, the Company shall pay Consultant a Consultant fee.

**b) Expenses:**

Consultant shall be entitled to reimbursement for all pre-approved expenses reasonably incurred in the performance of the Services, upon submission and approval or written statements and receipts in accordance with the then regular procedures of the Company.

**c) Payment:**

The Consultant shall submit to the Company a monthly progress detailing the services performed during the preceding month and the amount due. All such

reports shall be due and payable within one month (1 Month) after receipt thereof by the Company.

4. Work Product and License

a) **Defined:**

In this Agreement the term "Work Product" shall mean all work product generated by Consultant solely or jointly with others in the performance of the Services, including, but not limited to, any and all information, notes, material, drawings, records, diagrams, formulae, processes, technology, firmware, software, know-how, designs, ideas, discoveries, inventions, improvements, copyrights, trademarks and trade secrets.

b) **Ownership:**

Consultant agrees to assign and does hereby assign to Company all right, title and interest in and to the Work Product. All Work Product shall be the sole and exclusive property of the Company and Consultant will not have any rights of any kind whatsoever in such Work Product.

(c) **License:**

In the event that Consultant integrates any work that was previously created by the Consultant into any Work Product, the Consultant shall grant to, and Company is hereby granted, a worldwide, royalty-free, perpetual, irrevocable license to exploit the incorporated items, including, but not limited to, any and all copyrights, patents, designs, trade secrets, trademarks or other intellectual property rights, in connection with the Work Product in any manner that Company deems appropriate. Consultant warrants that it shall not knowingly incorporate into any Work Product any material that would infringe any intellectual property rights of any third party.

Signed for and behalf of  
[Pavan Empower Solutions]

By  
Name:  
Title:

*B. Palmancha*  
For Pavan Empower Solutions

Page 3 of 3

Proprietor

PRINCIPAL  
Vemu Institute of Technology  
P. KOTHAKOTA - 517 112

Signed for and behalf of  
[VEMU Institute of Technology]

By  
Name:  
Title:

*[Signature]*  
PRINCIPAL  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112

# PAVAN EMPOWER SOLUTIONS

2016

An ISO 9001:2008 Moram (V),Palamaner (M), Chittoor (D) ,Ph +919959845143

Ref. No.: PES/2017-18/CONSULTANCY WORK

09.11.2017

To  
The Principal,  
Vemu Institute of Technology,  
P. Kothakota,  
Chittoor – Tirupathi Highway  
Chittoor –District,  
Andhra Pradesh-517112.

Dear Sir/Madam,

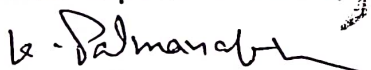
Sub: - Thanks Letter- Completion of Consultancy Work –Reg.

We would like to appreciate thanks to your organization as our consultancy project work successfully completed within stipulated time period. We came to notice the project panel members are excellent and it completed with your experienced technical hands with title “Automatic Room Lights ON / OFF”.

Once again from our side we appropriate your faculty members of ECE for their kind and good cooperation and definitely we will have excellent concerns.  
Thanking you sir,

With Regards

Pavan Empower Solutions  
For Pavan Empower Solutions

  
Proprietor

  
PRINCIPAL

Vemu-Institute of Technology  
P. KOTHAKOTA - 517 112

[www.pavanempowersolutions.com](http://www.pavanempowersolutions.com)