



MEMORANDUM OF UNDERSTANDING

Between

**M/s Electrical Engineering Solutions International (EESINT) (PVT)
Lahore**

And

NUST, College of Electrical and Mechanical Engineering

July 2016

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1.0 BACKGROUND

- 1.1 Electrical Engineering Solutions International, an Engineering & Contracting Firm, a major player in the Industrial Automation was established by a core team of highly experienced professionals specialized in providing turnkey solutions for Industrial and building Automation projects in the fields of Automation and Control (especially **SIEMENS** Systems). The Company is based in Lahore and covers all regions of Pakistan and Abroad.
- 1.2 National University of Sciences and Technology (NUST), is a multi-campus institution of higher education, which is committed to the attainment of highest standards in teaching, learning and research. NUST College of E&ME has notable influence in many academic areas. The University coordinates and provides facilities for exchange of knowledge and applied research, in the newly emerging fields, in collaboration with national and international Universities and Research Institutions.
- 1.3 Ms. EESINT and Department of Mechatronics Engineering, NUST, College of E&ME are already under a MOU under which trainings on SIEMENS Industrial Automation are being conducted. Here onwards this MOU will be referred to as MOU # 1. M/S EESINT approached EME with a proposal where a complete industrial automation lab with civil structure, equipment and furniture will be financed and developed by EESINT in College of E&ME.
- 1.4 Both College of E&ME and Ms EESINT agree to sign a memorandum of understanding to support University – Industry liaison to benefit the students in augmenting their theoretical knowledge with practical work and help in providing manpower which is ready to deliver in industrial environments.

2.0 OBJECTIVES

- To deliver the experience of industrial environments through internships, projects and specialized courses.
- To achieve the objectives of ORIC initiative of HEC to promote university – Industry linkage
- To facilitate Industrial representative visits within premises of CEME to create opportunities for student future job employment
- To facilitate in creating opportunities for students of CEME to get onsite trainings at various industries/ industrial projects.

3.0 Implementation and Funding

3.1 Development plan

An Industrial Automation LAB will be setup in Department of Mechatronics Engineering, NUST, College of E&ME premises which will have experiments and workbenches setup by Ms EESINT. The tutorial space along with the civil structure, training equipment, furniture, and support equipment (generator, air-conditioner, projector, smart board etc.) for this purpose will be provided by M/S EESINT.

3.2 Civil Structure

M/S EESINT will develop the complete lab including civil structure, furniture and other necessary requirements. Cost of installation of utilities will be borne by M/S EESINT

The Lab will have Lab Space, Siting space for training staff and Washroom. Map of the Lab will be approved by Commandant College of EME prior to the development of the lab

3.3 Ownership of the Lab

The operation of the lab will be retained by M/S EESINT for a period of 10 years. After this period the terms and conditions of MOU # 1 may be brought into effect with mutual consent of both parties.

3.4 Operational costs

As per MOU # 1 (Flag A)

3.5 Funding and Revenue Sharing

As per MOU # 1 (Flag A)

4.0 Training Courses

- 4.1 The courses will be conducted as per MOU # 1. (Flag A)
- 4.2 In case any new course is launched, it will be approved by Dean Engineering E&ME.

5.0 Projects, Internships, industrial visits and job hunt

- 5.1 Internships, projects and industrial visits to NUST students will be as per MOU #1 (Flag A)
- 5.2 In case any joint industrial project is conducted, it will be approved from Commandant through Dean Engineering E&ME before the start of the project and terms will be decided prior to the execution of project as per NUST policies

6.0 Termination of MOU

- 6.1 In case MOU is terminated by College of E&ME, the value of the Lab will be compensated to M/S EESINT calculated @ 10% depreciation/annum.
- 6.2 In case MOU is terminated by M/S EESINT. M/S EESINT can move all its equipment from the premises, the vacant building can then be utilized by college of E&ME.


7.0 Duration


The duration of this MOU will be 10 years extendable by mutual consent of both parties. After the completion of 10 years MOU # 1 will be applicable as it is. An advance notice of 3 months will be required by either party to terminate the agreement at any stage.

This Memorandum of Understanding will become effective upon signing by representatives of both institutions.

For and on behalf of Ms EESINT

For and on behalf of College of EME


Mr. Faiz Ahmad


Brig Aftab Ahmad Khan Lughmani

Managing Director EESINT

Commandant NUST College of E&ME

Date: 20.07.2016.

Date: 20/7/16