<u>**THE INSTITUTION OF ENGINEERS, SRI LANKA**</u>

<u>**GUIDELINES FOR REGISTRATION AS A CONSULTANT ENGINEER FOR LISTING**
IN THE DIRECTORY OF CONSULTANT ENGINEERS IN ICT SYSTEMS MAINTAINED BY THE IESL</u>

Information and Communication Technology (ICT) is viewed as a key enabler for developing countries to leapfrog to developed country status by making revolutionary advances in every sphere including education, agriculture, manufacturing, transportation, health, and other services. These technology advances are most often achieved through projects of varying size, complexity, cost and priority in both public and private sectors.

Engineers have a key role to play in these projects as consultants who are able to contribute to the full life cycle of a project from ideation to sustained operation. Therefore, it is important and essential for organizations to have access to a verified list of professional engineers who can function in the role of Consultant Engineers in ICT Systems in different sub fields of specialization in the broad area of computer engineering and IT systems.

A. Criteria for inclusion in the Directory

It is proposed that IESL create a Directory of Consultant Engineers in ICT Systems with member inclusion based on the criteria enumerated below.

(1) **Professional Qualification**: Chartered Engineer in the field of IT & Computer Engineering or Electronic and Telecommunication Engineering
(2) **Professional Experience**:
  (a) In the field of IT & Computer Engineering or Electronic and Telecommunication Engineering for 10 years cumulative from the BSc Engineering Honours or equivalent educational qualification and
  (b) Post Charter experience cumulative experience in the field of IT & Computer Engineering or Electronic and Telecommunication Engineering for 2 years
(3) **Postgraduate Educational Qualification**: Masters degree or above specializing in a sub field of computer engineering, computer science, information technology, information systems, Electronic, Telecommunication or similar relevant area
(4) **Additional Requirements**: Must be on the Roll of the Institution as a member of the IESL and must satisfy the evaluation panel of the ability to perform in the role of a Consultant Engineer in ICT Systems

Every member listed in the Directory must specify a set of sub areas of specialization including from the below list.
  (a) Software Architecture
  (b) Information Security
  (c) Digital Forensics
  (d) Data Analytics
  (e) Data Centre Design
  (f) Enterprise Network Architecture
  (g) Enterprise Resource Planning
  (h) Virtualization & Cloud Computing
  (i) IT BPR

    (j) IT PM

    (k) Enterprise Risk Management and BCP

    (l) Electronic and Telecommunication

B. Procedure for inclusion in the Directory

(a) The IESL Secretariat should annually announce through the IESL Web Site and the E-mail List to apply for inclusion in the directory. The application must be made on the specified form and sent to the Secretariat.

(b) The evaluation of applications, interviewing of candidates and recommendation for inclusion in the directory will be done by a panel nominated by the IT and Computer sectional committee and approved by the IESL Council. This panel shall have a minimum of three (3) members and shall be chaired by a Fellow. The panel shall also have a member who is a Fellow of IESL with experience in IT & Computer Engineering field and a member who is a Council member of IESL for the current session.

(c) The Council shall consider the recommendations of the panel for approval.

(d) The inclusion of an entry in the Directory is valid for a maximum of five (5) years after which the member has to reapply for inclusion.

(e) The Council shall decide and specify an applicable fee for enrolling a member in the Directory.

C. Procedure for Periodic Review/Revision of the Directory

(a) The Directory shall be reviewed/revised annually in the month of April and published in May.

(b) New consultants are added to the Directory only at the specified review/revision of the Directory.

(c) Change of details of existing consultants are effected to the Directory only at the specified review/revision of the Directory.

(d) Removal of existing consultants shall be done
    i.   On written request by the member or
    ii. On becoming a suspended member or
    iii. Ceases to be on the Roll of the Member of IESL or
    iv. On the decision of the Council to remove from the Directory

(e) The removal of an entry from the Directory shall be effected immediately and the updated list shall be published in the IESL Web Site.

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