

**PAMANTASAN NG LUNGSOD NG MAYNILA**

(University of the City of Manila)  
Intramuros, Manila

**REQUEST FOR EXPRESSION OF INTEREST**

Date: \_\_\_\_\_

REI No.: \_\_\_\_\_

**Company Name:** \_\_\_\_\_**Address:** \_\_\_\_\_**TIN:** \_\_\_\_\_**Business Permit No.:** \_\_\_\_\_**PhilGEPS Cert. No.:** \_\_\_\_\_

Please quote your best offer for the item/s described below, subject to the Terms and Conditions provided at the back portion of this request for quotation. Submit your quotation duly signed by you or your duly authorized representative not later than \_\_\_\_\_.

Open quotations may be submitted, manually or through facsimile or email at the address and contact number indicated below.

**Atty. MAY ANGELI M. ESTOLAS***Acting Chief, Procurement Office*

After having carefully read and accepted the Terms and Conditions, I/We submit our quotation/s for the item/s as follows:

Item Description	Qty.	Unit of Issue	Approved Budget for the Contract (ABC)	OFFER				
				Price (Inclusive of Tax)		Compliance with Technical Specifications (please check)		Remarks
				Unit Price	Total Price	Yes	No	
<b>Electrical Audit including Thermoscanning Services</b>  <b>1.0 Project Description:</b>  The Pamantasan ng Lungsod ng Maynila will engage an auditor with at least five (5) years’ experience in the field of electrical audit, assessment & investigation to evaluate the existing electric power system of PLM.  <b>2.0 Objective/s of the Project:</b>  2.1 To perform the necessary audit, assessment and investigation of the existing condition of PLM’s electric power system; 2.2 To perform electrical evaluation and determine the most suitable and economical rehabilitation solution in	1	lot	1,000,000.00					

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<p>accordance with the latest Philippine Electrical Code / Standards, National Building Code &amp; Fire Code.</p> <p><b>3.0 Preliminary Investigations:</b></p> <p>For the past several years, the PLM's power system has not been enhanced and modernized, it is now prone to electrical hazards like overloading, insulation breakdown and even fire hazard. Taking into consideration the existing electrical load consumption and balancing, as a result of additional office equipment/appliances such as computers &amp; air-conditioning units, PLM's electrical loading and cabling system need to be assessed, for the safety of its personnel and property.</p> <p>Observation:</p> <p>3.1 Old electrical equipment such as panel boards and circuit breakers;</p> <p>3.2 Brittleness of electrical wires and cables that could probably affect not only the power supply of every building but also the everyday work and performance of the personnel; and</p> <p>3.3 Lack of safety electrical devices and equipment such as lightning arrester, grounding system, tagging, etc.</p> <p>To address the above-mentioned defects, the Pamantasan ng Lungsod ng Maynila is planning to rehabilitate the existing Electric Power System. The objective of the rehabilitation is to ensure the life safety of its personnel and continuity of its business. In line with this, the Pamantasan ng Lungsod ng</p>								
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<p>Maynila intends to engage the service for the Audit / Assessment / Investigation and evaluation necessary for the development of the suitable rehabilitation works.</p> <p><b>4.0 Plans:</b></p> <p>(Please see attached floor plan)</p> <p>4.1. GUSALING ATIENZA 4.2. GUSALING BAGATSING 4.3. GUSALING KATIPUNAN</p> <p><b>5.0 Scope of Works and Deliverables:</b></p> <p>5.1 Analysis of existing electrical system of Gusaling Atienza, Gusaling Bagatsing and Gusaling Katipunan</p> <p>5.2 Thermo scanning on major electrical equipment such as distribution panels, control panels, cables and by inspecting power distribution installations, electrical utilization installation, calculate &amp; determine the correct sizes, capacities of equipment and materials.</p> <p>5.3 Prepare as-found electrical plans and explain in a detailed written report of findings and recommend solutions to address any conditions found out by the in-depth tests of equipment</p> <p>5.4 Prepare detailed electrical design that includes short circuit analysis &amp; voltage drop to improve safety and efficiency of the installation</p> <p>5.5 Bill of materials and estimates</p> <p>5.6 Submit two(2) sets of the completed drawings in A1 size blueprints signed and sealed by a duly Professional Electrical Engineer, plus 1set (1) of a CD</p>								
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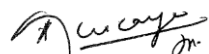
<p>containing the softcopy of the drawings in Auto-cad format.</p> <p><b>6.0 List of Activities:</b></p> <p>Electric Power System Audit</p> <p>6.1. Facilities Equipment to be Measured and/or Analyzed:</p> <p>A. Visual Inspection</p> <p>A.1. Wiring Installation Methods</p> <p>A.2. Hazard Location Assessment</p> <p>A.3. Industrial Equipment Inspection</p> <p>A.4. Panel boards, utility boxes</p> <p>B. Insulation Resistance Test on Panels</p> <p>B.1. Insulation level of cables</p> <p>B.2. Assessment of insulation on the connected load</p> <p>C. Power Quality Assessment on Main Panels</p> <p>C.1. Energy (KWHr) and Power Assessment</p> <p>C.2. Voltage and Current Imbalances</p> <p>D. Thermal Scanning</p> <p>D.1. Panel boards</p> <p>E. Grounding Assessment</p> <p>E.1. Leakage Current Measurement</p> <p>E.2. Ohmic values for every grounding electrodes</p> <p>E.3. Bonding Assessment</p> <p>E.4. Grounding wire assessment</p> <p><b>7.0 Minimum expertise and qualification of Professional and Technical Staff to handle the project:</b></p> <p>7.1 Principal or Managing Officer</p> <p>Should be a Professional Electrical Engineer with experience in electrical engineering works and design.</p>								
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<p><b>7.2 Electrical Engineer / Project – In-Charge</b> Should be a Registered Electrical Engineer with experience in electrical engineering works and design analysis.</p> <p><b>7.3 Master Electrician</b> Should be a Registered Master Electrician with experience in electrical works.</p> <p><b>7.4 Certified Safety Officer</b> Must be a Certified Safety Officer with at least five (5) years of experience as Safety Officer.</p> <p><b>7.5 CAD Operators</b> Minimum of 2 persons to support the required schedule of drawing production.</p> <p><b>8.0 Minimum Eligibility</b>  With at least five (5) years experience Mayor's/Business Permit BIR Certificate of Registration Income/Business Tax Return PCAB License/Professional License Company Profile/Curriculum Vitae PHILGEPS Member Omnibus Sworn Statement</p> <p><b>9.0 Contract Duration:</b>  Project Duration: 120 calendar days</p>								
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This is to certify that I personally conducted the canvass and that the data herein are true and correct.

  
**NOLI C. DISCAYA, JR.**

*Canvasser*

**Mobile No.:** Mobile No.: 0925-7305799 (sun)  
**Email Add.:** ncdiscaya@plm.edu.ph

**Payment Terms:** \_\_\_\_\_

**Delivery Period:** \_\_\_\_\_

\_\_\_\_\_  
**(Signature over Printed Name)**

**Tel. No.:** \_\_\_\_\_

**Mobile No.:** \_\_\_\_\_

**E-Mail:** \_\_\_\_\_

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