

Attachment 1**Civil Engineering Laboratory of Macau (LECM)****Tender Requirement on Site Investigation and Geotechnical Test and Static Loading Test for Pile Foundation for 2024**

For the demand of start of works on the field of Site Investigation, Ground Monitoring and Static Loading Test of Pile Foundation, Civil Engineering Laboratory of Macau (LECM) would like to invite the experienced and competent subcontractor which is registered in Macau. Detail requirement of tendering is shown as following:

1. Tendering procedure**1.1. 1st stage qualification review**

For the invitation of being our sub-contractor, which is experienced and qualified entity registered in Macao in the aspect of site investigation, in-situ test and static loading test of pile foundation, qualification and financial review for tenderers is required in the 1st stage qualification review. The following qualification review documents shall be provided:

A. Application Form

From now on to 2024/06/30, the application form can be downloaded on www.lecm.org.mo or be acquired on the reception.

B. List of equipment

The list of equipment of tenderer shall be consisted of the information of the equipment such as brand, type, technical specification and catalogue of equipment and the quantity of equipment owned. All the equipment used for Site Investigation, Geotechnical Test, Ground Monitoring and Static Loading Test of Pile Foundation shall be shown in the list.

C. Registration document and financial document of tenderer

- Commercial registration document of tenderer issued by Direção dos Serviços de Finanças (DSF) of Macau
- Business tax document (M/8) of tenderer issued by Direção dos Serviços de Finanças (DSF) of Macau

D. Resume and Job reference of tenderer

- Information of tenderer including organization chart and business category
- Professional certificate document of tenderer or other document which can show that the tendered has the profession to perform the work of Site Investigation, Ground Monitoring and Static Loading Test of Pile Foundation
- Job reference of tenderer

The job reference shall show the experience of tenderer on Site Investigation, Ground Monitoring and Static Loading Test of Pile Foundation work in Macau. The information (1) the project name, (2) project content, (3) client name, and (4) the date of start and finish of the project shall be shown in the job reference.

- Professional qualification of staff

The professional qualification of the core staff of tenderer such as the educational background and qualification, professional certificate, training certificate and work reference shall be submitted.

E. Contract document

For estimation on the market price of site investigation and geotechnical test and static loading test for pile foundation, the following tender or quotation or contract documents, which can show (1) project name (2) client name (3) start date and completion date (4) total quantity of boreholes and geotechnical test and static loading test for pile foundation of the project (5) total price of the project and (6) the unit price for each item of the project, shall be provided before 2024/06/30:

- (a) Minimum 3 independent projects of site investigation and geotechnical test and static loading test that your company performed for Non-Macau Government entities have to be provided.
- (b) Minimum 1 independent projects of site investigation and geotechnical test and static loading test that your company performed for Macau Government entities before have to be provided.

F. Interview

For the tenderers, with professional qualification in the field of site investigation and geotechnical test and static loading test but not complying with the above document requirement, intend to apply the LECM `s suppliers/sub-contractors, tenderers can be

invited by LECM for interview in order to execute the further review on the qualification and on the document.

1.2. 2nd stage quotation price review

Invitation letter will be sent to tenderers who have passed the 1st stage qualification review. Tenderers shall provide the unit price based on the unit price list (Table 1 & Table 2) attached with the invitation letter. Comparison between the unit price provided in 2nd stage quotation price review and the contract documents provided in 1st qualification review in order to evaluate the rationality between quotation price and market price is required in this stage.

1.3. Sub-contractor of LECM

Notification letter will be sent to tenderers who have passed both the 1st stage qualification review and 2nd stage quotation price review to announce to be the qualified sub-contractors of LECM.

2. Tendering period

From now on to 2024/06/30, the application form can be downloaded on www.lecm.org.mo or be acquired on the reception.

All the documents required in 1st stage qualification review shall be submitted to our reception center in G.F. lobby within the tendering period from 2024/06/30 to 2024/07/31. The tenderers who fail to submit the documents required in the 1st stage qualification review within the tendering period shall be deemed as waiving the tendering qualification.