

澳門土木工程實驗室備用供應商資料庫申請表
Application form for registration in the suppliers record of LECM

- | |
|---|
| <input type="checkbox"/> 已登記
Registered |
| <input type="checkbox"/> 新登記
New supplier |
| <input type="checkbox"/> 更新資料
Update information |

公司 Company:
地址 Address:
電話 Tel:
傳真 Fax:
電郵 E-mail:
網址(如適用) Website (if applicable)

本人謹代表上述公司, 申請加入澳門土木工程實驗室備用供應商資料庫
I apply on behalf of the company to register in the suppliers record of LECM

簽署及公司印鑑 : _____

Signature & Company's chop

姓名 (請用正楷): _____

Name in block letters

職位 : _____

Title

日期 : _____

Date

貴公司所供應的貨品及有關服務：

Goods and related services which your company can supply:

請指出☑下列貨品或服務之範圍：

Please specify ☑ the product / service in the appropriate box / boxes:

- | | |
|---|--|
| <input type="checkbox"/> 建築工程 Civil Engineering | <input type="checkbox"/> 消防系統 Fire System |
| <input type="checkbox"/> 工地勘測 Site Investigation | <input type="checkbox"/> 升降機服務 Lift Service |
| <input type="checkbox"/> 地形測量 Topographic Surveying | <input type="checkbox"/> 視聽器材 Audio-Visual Equipment |
| <input type="checkbox"/> 渠道及沙井清潔服務 Piping and Manhole Cleaning Service | <input type="checkbox"/> 空調及通風系統 Air Conditioning & Ventilation Engineering |
| <input type="checkbox"/> 強電及弱電維修 LV & ELV Engineering | <input type="checkbox"/> 文儀器材 Office Machine / Equipment |
| <input type="checkbox"/> 通訊器材 Communication Equipment | <input type="checkbox"/> 電腦軟件 Computer Software |
| <input type="checkbox"/> 攝影器材 Photography Equipments | <input type="checkbox"/> 電腦及電話網絡工程 Computer and Telephone Network Construction |
| <input type="checkbox"/> 電腦硬件 Computer Hardware | <input type="checkbox"/> 一般家用電器 Household Appliance |
| <input type="checkbox"/> 電腦相關的設備及配件 Computer Related Equipment & Accessories | <input type="checkbox"/> 辦公室傢俱 Office Furniture |
| <input type="checkbox"/> 閉路電視監察系統 CCTV Engineering | <input type="checkbox"/> 窗簾 Curtain |
| <input type="checkbox"/> 一般家用傢俱 Household Furniture | <input type="checkbox"/> 印刷 Printing |
| <input type="checkbox"/> 花店 Flower Shop | <input type="checkbox"/> 紀念品設計及製作 Souvenir Design & Production |
| <input type="checkbox"/> 園藝 Gardening | <input type="checkbox"/> 衛生紙用品 Paper Amenities |
| <input type="checkbox"/> 橫額設計及製作 Banner Design & Production | <input type="checkbox"/> 報紙 Newspaper |
| <input type="checkbox"/> 制服 Uniform | <input type="checkbox"/> 文具 Stationery |
| <input type="checkbox"/> 書及雜誌 Book & Magazine | <input type="checkbox"/> 蒸餾水 Distilled Water |
| <input type="checkbox"/> 即棄餐飲用品 F & B's Disposable Utensils | <input type="checkbox"/> 電油 Gasoline |
| <input type="checkbox"/> 五金 Hardware (Household Tools & Equipment) | <input type="checkbox"/> 汽車維修保養 Vehicles Maintenance & Repairing |
| <input type="checkbox"/> 打印機及傳真機消耗性用品 Printer & Fax Machine Consumable Products | <input type="checkbox"/> 保險 Insurance |

2018 ~2019 Site Investigation and Geotechnical Monitoring Annual Quotation

Table 1. Site Investigation and geotechnical monitoring

Item	Description	Unit	Rate (MOP)
b1	Mobilization and demobilization of drilling equipment and personnel.		
	to the drilling site of Macau.	set.	
	to the drilling site of Taipa or Coloane.	set.	
b2	Water pressurize for drilling flush at each hole.	hole.	
b3	Move and positioning (set up drilling rig) on <u>land</u> area at each hole.	hole.	
	Move and positioning (set up drilling rig) on <u>water</u> area at each hole.	hole.	
b4	Drill vertical hole in soil by HX / NX size casing on <u>land</u> area.		
	< 30m	ml.	
	30 ~ 60m	ml.	
	> 60m	ml.	
b5	Drill vertical hole in soil by HX / NX size casing on <u>water</u> area.		
	< 30m	ml.	
	30 ~ 60m	ml.	
	> 60m	ml.	
b6	Drill vertical hole in soil by PX size casing on <u>land</u> area.		
	< 30m	ml.	
	30 ~ 60m	ml.	
	> 60m	ml.	
b7	Drill vertical hole in soil by PX size casing on <u>water</u> area.		
	< 30m	ml.	
	30 ~ 60m	ml.	
	> 60m	ml.	
b8	Drill vertical hole in rock or concrete by H size core barrel and take T2-101 cores on <u>land</u> area, counted by the accumulative coring length		
	< 10m	ml.	
	10 ~ 30m	ml.	
	> 30m	ml.	

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Table 1. Site Investigation and geotechnical monitoring

Item	Description	Unit	Rate (MOP)
b9	Drill verticl hole in rock or concrete by H size core barrel and take T2-101 cores on <u>water</u> arear, counted by the accumulative coring length		
	< 10m	ml.	
	10 ~ 30m	ml.	
	> 30m	ml.	
b10	Drill verticl hole in rock or concrete by N/B size core barrel and take TNW cores on <u>land</u> area, counted by the accumulative coring length		
	< 10m	ml.	
	10 ~ 30m	ml.	
	> 30m	ml.	
b11	Drill verticl hole in rock or concrete by N/B size core barrel and take TNW cores on <u>water</u> area, counted by the accumulative coring length		
	< 10m	ml.	
	10 ~ 30m	ml.	
	> 30m	ml.	
b12	Drill verticl hole in R.C by H size core barrel and take T2-101 cores, counted by the accumulative coring length	ml.	
b13	Drill verticl hole in R.C by N/B size core barrel and take TNW cores, counted by the accumulative coring length	ml.	
b14	Drill verticl hole in boulder by H / NB size core barrel and take T2-101 / TNW cores, counted by the accumulative coring length	ml.	
b15	Ream hole with HX size casing for hole protection.	ml.	
	Ream hole with NX size casing for hole protection.	ml.	
b16	Take undisterbed U70/76 soil samples.	nos.	
	Take undisterbed Piston soil samples.	nos.	
	Take undisterbed M-101 soil samples.	nos.	
	Take undisterbed U120 soil samples.	nos.	
b17	Carry out SPT test without disturbed liner sample.	nos.	
	Carry out SPT test with disturbed liner sample.	nos.	

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Table 1. Site Investigation and geotechnical monitoring

Item	Description	Unit	Rate (MOP)
b18	Ground water observation for 3 ~ 7 days on <u>land</u> at each hole.	hole.	
b19	Survey for the coordinates and levels of the boreholes		
	on land area.	hole.	
	on water area.	hole.	
b20	Provide wooden core box for soil and rock samples.	nos.	
b21	Provide borehole log in triplicate per hole.	hole.	
b22	Provide a temporary worker for assistance of LECM works.	day.	
b23	Supply a temporary jack-up steel plate platform on <u>sea</u> .		
	in normal water depth and low wave actions	hole.	
	in or close to navigation channel with deep water depth and high wave actions	hole.	
b24	Supply a small wooden boat in a working day (about 8 hours) with a qualified seaman on <u>sea</u> area	day.	

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Table 1. Site Investigation and geotechnical monitoring

Item	Description	Unit	Rate (MOP)
b25	Excavate a trial pit in borehole location for inspection of underground facilities.		
	0.5m x 0.5m x 1.0m	nos.	
	1.0m x 1.0m x 1.5m	nos.	
	1.2m x 1.2m x 2.0m	nos.	
	1.5m x 1.5m x 2.5m	nos.	
	2.0m x 2.0m x 3.0m	nos.	
b26	Carry out field permeability tests in borehole not more than 2 testing depths and only 1 test will be performed at each depth, including the necessary equipment and materials for the test and the test reprot		
	within the soil layer	hole.	
	within the rock layer	hole.	
b27	Extra 1 additional field permeability test performed in borehole		
	within the soil layer	hole.	
	within the rock layer	hole.	
b28	CPT test without measuring pore water pressure(bi-bridge) test on <u>land</u> area with test reports and maximum dead load for the test is 10 ~ 20 tons (not including mobilization of equipment) if possible.		
	Mobilization of equipment	item.	
	test depth < 30m	hole.	
	30 < test depth < 60m	hole.	
	test depth > 60m	hole.	

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Table 1. Site Investigation and geotechnical monitoring

Item	Description	Unit	Rate (MOP)
b29	CPT test without measuring pore water pressure(bi-bridge) test on <u>water</u> area with test reports and maximum dead load for the test is 10 tons (not including platform and mobilization of equipment) if possible.		
	Mobilization of equipment	item.	
	test depth < 30m	hole.	
	30 < test depth < 60m	hole.	
	test depth > 60m	hole.	
b30	PCPT / CPTu test with measuring pore water pressure(tri-bridge) test in marine deposit or soft alluvial strata on <u>land</u> area with test reports and maximum dead load for the test is 10 ~ 20 tons (not including mobilization		
	Mobilization of equipment	item.	
	test depth < 30m	hole.	
	30 < test depth < 60m	hole.	
	test depth > 60m	hole.	
b31	PCPT / CPTu test with measuring pore water pressure(tri-bridge) test in marine deposit or soft alluvial strata on <u>water</u> area with test reports and maximum dead load for the test is 10 ~ 20 tons (not including platform and		
	Mobilization of equipment	item.	
	test depth < 30m	hole.	
	30 < test depth < 60m	hole.	
	test depth > 60m	hole.	
b32	Perform pore water dissipation test for each testing depth for period in each borhole :		
	testing time \leq 2 hours	nos.	
	extra over for performing dissipation test in excess of 2 hours duration (any extra test less than 2 hours will be counted by 2 hours)	nos.	

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Table 1. Site Investigation and geotechnical monitoring

Item	Description	Unit	Rate (MOP)
b33	Perform field vane shear tests on <u>land</u> area in marine deposit or soft alluvial strata with 1.5 ~2.0m interval in each borehole and provide the reports and the maximum testing depth is 30m (not including the drilling	hole.	
b34	Perform field vane shear tests on <u>water</u> area in marine deposit or soft alluvial strata with 1.5 ~2.0m interval in each borehole and provide the reports and the maximum testing depth is 30m(not including the drilling	hole.	
b35	In-Situ shear velocity test on <u>land</u> area.		
	Mobilization of equipment	items	
	Single hole (testing depth < 30m)	nos.	
	Single hole (30 < testing depth < 30m)	nos.	
	Cross hole (testing depth < 30m)	nos.	
	Cross hole (30 < testing depth < 30m)	nos.	
b36	Site shear velocity test on <u>water</u> area(single or cross hole).		
	Mobilization of equipment	items	
	Single hole (testing depth < 30m)	nos.	
	Single hole (30 < testing depth < 30m)	nos.	
	Cross hole (testing depth < 30m)	nos.	
	Cross hole (30 < testing depth < 30m)	nos.	
b37	Monitoring works (not including the drilling work)		
	Installation of inclinometer (depth < 60m and not including inclinometer casing)	hole.	
	Supply ABS inclinometer casing, dia .OD 70mm, length ~ 3.0m with coupler and caps.	nos.	
	Taking the reading for each inclinometer casing	nos.	
	Supply and installation of standpipe tubes for water level (depth < 25m)	hole.	
	Installation of 1 piezometer in a borehole(not including sensors)	hole.	
	Supply and installation of standpipe tubes and piezometer (not including the piezometer sensor)	hole.	
	Installation of SONDEX corrugated pipe (depth < 60m and not including the pipe)	hole.	

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Table 1. Site Investigation and geotechnical monitoring

Item	Description	Unit	Rate (MOP)
	Supply SONDEX corrugated pipe for 70mm casing, length ~ 3.0m with couplers	nos.	
	Supply and install steel cover plate for the protection for standpipe / piezometer / sondex / inclinometer.	nos.	
b38	Restoration for the pavement or road surface at the borehole location (restoration consequent shall be comply with the relevant requirement and criteria from LACM)		
	concrete pavement or road surface (with area : 1.0 x 1.0 m ²)	nos.	
	concrete pavement or road surface (with area : 2.0 x 2.0 m ²)	nos.	
	Bitumen concrete pavement or road surface (with area : 1.0 x 1.0 m ²)	nos.	
	Bitumen concrete pavement or road surface (with area : 2.0 x 2.0 m ²)	nos.	

Pile Static Loading Test (Year 2018 ~ 2019)

Table 2.

Description	Testing Weight (TONs)	Unit	Unit Rate (MOP)		
			The 1 st set	The 2 nd set	The 3 rd set or more
Supply and install the Static Loading Test system on horizontal ground, including the dail gage, jacking system, steel plateform, mass cube and transportation and all the equipments needed.	1-100	Set			
	101-300	Set			
	301-1000	Set			
	1001-1200	Set			
	1201-1500	Set			