



مصرف لبنان
BANQUE DU LIBAN

وحدة المشتريات

بيروت في 2024/10/21

أمر شراء

الموضوع: أعمال صيانة ... أنظمة إدارة المباني (BMS) في المركز الرئيسي ومئة فروع للعام 2024

الشركة: Mechanical Engineering Office (M.E.O)

رقم الطلب: T / 4 / 11641

يرجى أخذ العلم أنه قد تمت الموافقة على العرض المقدم من قبلكم بتاريخ 2024/6/3 لصيانة نظام Delta BMS وذلك بحسب التفاصيل أدناه ولمدة سنة من تاريخ إطلاق أمر الشراء:

• كلفة الزيارة الواحدة في المركز الرئيسي: // \$138 // للساعة الأولى و // \$83 // لكل ساعة إضافية، متضمنة الضريبة على القيمة المضافة.

• كلفة الزيارة الواحدة في كل من فرع جولية، بكفيا، طرابلس، صور، صيدا والنبطية: // \$249 // للساعة الأولى و // \$83 // لكل ساعة إضافية، متضمنة الضريبة على القيمة المضافة.

للتفضل بالتصديق مع مديرية الخدمات للتسليم والتقبض عبر التواصل على البريد الإلكتروني khadamat@bdl.gov.lb وتفضلوا بتوقيع فاتق الاستلام.

مدير وحدة المشتريات بالوكالة

جوزف عساف



mechanical engineering office

June, 03, 2024

M/S : Bank Du LIBAN

Attn: M/S. Purchasing Departement

Dear Sir,

You may find attached BDL 2024 BMS contract priced with the following Notes as part of our pricing.

- 1-Contract shall be valid for 1 year only, to be renewed by both parties' approval.
- 2-On Call service to be answered within 24 working hours.
- 3-Licence Update to be quoted separately as spare part.
- 4-Spare parts to be priced upon requested time, as global inflation is driving prices up each day.
- 5-No mechanical equipment is covered in this contract
- 6-Chillers and Power Meters BACnet interface with Delta, covers only Delta side as any defect or programming issue in the other side of BACnet controller is not included. MEO will integrate these spare parts into Delta system against a fee to be quoted in due time.
- 7-The bidder that sells spare parts to BDL should be responsible for installation and warranty for their spare parts.
- 8-Block A 4th & 5th floors Graphics only on Delta controls.
- 9-Visits Schedules to be agreed upon.
- 10-Any new works are not included.
- 11-Prices are in US Dollars according to parallel market Rate.

Best Regards

Jameleh Ahmadieh

MECHANICAL ENGINEERING

OFFICE S.A.L

PART 0710 ELECTRICAL AND RENEWABLES: Renewable energy						
Item	Description	Unit	Quantity	Unit Price, \$	Total Price, \$	Notes
A	Photovoltaic 1. Provide, fabricate, install, test, commission, and maintain a photovoltaic system for the project, including all associated equipment, materials, and labor. 2. The system shall include the following: a. Six (6) photovoltaic modules, each rated at 100 watts per hour. b. A controller or inverter, as specified, to convert the DC output of the modules to AC output. c. A meter to monitor the output of the system. d. A mounting structure, as specified, to support the modules and equipment. e. A system to monitor the output of the system. f. A system to control the output of the system. g. A system to protect the system from damage. h. A system to protect the system from theft. i. A system to protect the system from vandalism. j. A system to protect the system from fire. k. A system to protect the system from lightning. l. A system to protect the system from other hazards. 3. The system shall be installed in a location that is accessible to the public and is not subject to damage from vehicles or other equipment. 4. The system shall be installed in a location that is not subject to damage from weather or other environmental conditions. 5. The system shall be installed in a location that is not subject to damage from other equipment or materials. 6. The system shall be installed in a location that is not subject to damage from other equipment or materials. 7. The system shall be installed in a location that is not subject to damage from other equipment or materials. 8. The system shall be installed in a location that is not subject to damage from other equipment or materials. 9. The system shall be installed in a location that is not subject to damage from other equipment or materials. 10. The system shall be installed in a location that is not subject to damage from other equipment or materials.					1. The system shall be installed in a location that is accessible to the public and is not subject to damage from vehicles or other equipment. 2. The system shall be installed in a location that is not subject to damage from weather or other environmental conditions. 3. The system shall be installed in a location that is not subject to damage from other equipment or materials. 4. The system shall be installed in a location that is not subject to damage from other equipment or materials. 5. The system shall be installed in a location that is not subject to damage from other equipment or materials. 6. The system shall be installed in a location that is not subject to damage from other equipment or materials. 7. The system shall be installed in a location that is not subject to damage from other equipment or materials. 8. The system shall be installed in a location that is not subject to damage from other equipment or materials. 9. The system shall be installed in a location that is not subject to damage from other equipment or materials. 10. The system shall be installed in a location that is not subject to damage from other equipment or materials.
A	Geothermal 1. Provide, fabricate, install, test, commission, and maintain a geothermal system for the project, including all associated equipment, materials, and labor. 2. The system shall include the following: a. A geothermal well, as specified, to extract the geothermal fluid. b. A geothermal pump, as specified, to circulate the geothermal fluid. c. A geothermal heat exchanger, as specified, to transfer the heat from the geothermal fluid to the water. d. A geothermal storage tank, as specified, to store the geothermal fluid. e. A geothermal distribution system, as specified, to deliver the geothermal fluid to the building. f. A geothermal control system, as specified, to control the geothermal system. g. A geothermal monitoring system, as specified, to monitor the geothermal system. h. A geothermal protection system, as specified, to protect the geothermal system from damage. i. A geothermal safety system, as specified, to protect the geothermal system from theft. j. A geothermal security system, as specified, to protect the geothermal system from vandalism. k. A geothermal fire protection system, as specified, to protect the geothermal system from fire. l. A geothermal lightning protection system, as specified, to protect the geothermal system from lightning. m. A geothermal other hazards protection system, as specified, to protect the geothermal system from other hazards. 3. The system shall be installed in a location that is accessible to the public and is not subject to damage from vehicles or other equipment. 4. The system shall be installed in a location that is not subject to damage from weather or other environmental conditions. 5. The system shall be installed in a location that is not subject to damage from other equipment or materials. 6. The system shall be installed in a location that is not subject to damage from other equipment or materials. 7. The system shall be installed in a location that is not subject to damage from other equipment or materials. 8. The system shall be installed in a location that is not subject to damage from other equipment or materials. 9. The system shall be installed in a location that is not subject to damage from other equipment or materials. 10. The system shall be installed in a location that is not subject to damage from other equipment or materials.					1. The system shall be installed in a location that is accessible to the public and is not subject to damage from vehicles or other equipment. 2. The system shall be installed in a location that is not subject to damage from weather or other environmental conditions. 3. The system shall be installed in a location that is not subject to damage from other equipment or materials. 4. The system shall be installed in a location that is not subject to damage from other equipment or materials. 5. The system shall be installed in a location that is not subject to damage from other equipment or materials. 6. The system shall be installed in a location that is not subject to damage from other equipment or materials. 7. The system shall be installed in a location that is not subject to damage from other equipment or materials. 8. The system shall be installed in a location that is not subject to damage from other equipment or materials. 9. The system shall be installed in a location that is not subject to damage from other equipment or materials. 10. The system shall be installed in a location that is not subject to damage from other equipment or materials.
A	Hydroelectric 1. Provide, fabricate, install, test, commission, and maintain a hydroelectric system for the project, including all associated equipment, materials, and labor. 2. The system shall include the following: a. A hydroelectric turbine, as specified, to generate the electricity. b. A hydroelectric generator, as specified, to convert the mechanical energy of the turbine into electrical energy. c. A hydroelectric control system, as specified, to control the hydroelectric system. d. A hydroelectric monitoring system, as specified, to monitor the hydroelectric system. e. A hydroelectric protection system, as specified, to protect the hydroelectric system from damage. f. A hydroelectric safety system, as specified, to protect the hydroelectric system from theft. g. A hydroelectric security system, as specified, to protect the hydroelectric system from vandalism. h. A hydroelectric fire protection system, as specified, to protect the hydroelectric system from fire. i. A hydroelectric lightning protection system, as specified, to protect the hydroelectric system from lightning. j. A hydroelectric other hazards protection system, as specified, to protect the hydroelectric system from other hazards. 3. The system shall be installed in a location that is accessible to the public and is not subject to damage from vehicles or other equipment. 4. The system shall be installed in a location that is not subject to damage from weather or other environmental conditions. 5. The system shall be installed in a location that is not subject to damage from other equipment or materials. 6. The system shall be installed in a location that is not subject to damage from other equipment or materials. 7. The system shall be installed in a location that is not subject to damage from other equipment or materials. 8. The system shall be installed in a location that is not subject to damage from other equipment or materials. 9. The system shall be installed in a location that is not subject to damage from other equipment or materials. 10. The system shall be installed in a location that is not subject to damage from other equipment or materials.					1. The system shall be installed in a location that is accessible to the public and is not subject to damage from vehicles or other equipment. 2. The system shall be installed in a location that is not subject to damage from weather or other environmental conditions. 3. The system shall be installed in a location that is not subject to damage from other equipment or materials. 4. The system shall be installed in a location that is not subject to damage from other equipment or materials. 5. The system shall be installed in a location that is not subject to damage from other equipment or materials. 6. The system shall be installed in a location that is not subject to damage from other equipment or materials. 7. The system shall be installed in a location that is not subject to damage from other equipment or materials. 8. The system shall be installed in a location that is not subject to damage from other equipment or materials. 9. The system shall be installed in a location that is not subject to damage from other equipment or materials. 10. The system shall be installed in a location that is not subject to damage from other equipment or materials.
A1	Photovoltaic System - 100 Watts	1	1	100	100	
A2	Geothermal System - 100 Watts	1	1	100	100	
A3	Hydroelectric System - 100 Watts	1	1	100	100	
A4	Photovoltaic System - 200 Watts	1	1	200	200	
A5	Geothermal System - 200 Watts	1	1	200	200	
A6	Hydroelectric System - 200 Watts	1	1	200	200	
A7	Photovoltaic System - 300 Watts	1	1	300	300	
A8	Geothermal System - 300 Watts	1	1	300	300	
A9	Hydroelectric System - 300 Watts	1	1	300	300	
A10	Photovoltaic System - 400 Watts	1	1	400	400	
A11	Geothermal System - 400 Watts	1	1	400	400	
A12	Hydroelectric System - 400 Watts	1	1	400	400	
A13	Photovoltaic System - 500 Watts	1	1	500	500	
A14	Geothermal System - 500 Watts	1	1	500	500	
A15	Hydroelectric System - 500 Watts	1	1	500	500	
A16	Photovoltaic System - 600 Watts	1	1	600	600	
A17	Geothermal System - 600 Watts	1	1	600	600	
A18	Hydroelectric System - 600 Watts	1	1	600	600	
A19	Photovoltaic System - 700 Watts	1	1	700	700	
A20	Geothermal System - 700 Watts	1	1	700	700	
A21	Hydroelectric System - 700 Watts	1	1	700	700	
A22	Photovoltaic System - 800 Watts	1	1	800	800	
A23	Geothermal System - 800 Watts	1	1	800	800	
A24	Hydroelectric System - 800 Watts	1	1	800	800	
A25	Photovoltaic System - 900 Watts	1	1	900	900	
A26	Geothermal System - 900 Watts	1	1	900	900	
A27	Hydroelectric System - 900 Watts	1	1	900	900	
A28	Photovoltaic System - 1000 Watts	1	1	1000	1000	
A29	Geothermal System - 1000 Watts	1	1	1000	1000	
A30	Hydroelectric System - 1000 Watts	1	1	1000	1000	

201	Price for 1st working day 2hrs	1	1			
202	Price for 1st working day 2hrs	1	1	240	240	
203	Price for 2nd working day 2hrs	2	2	480	480	
204	Price for 3rd working day 2hrs	3	3	720	720	
205	Price for 4th working day 2hrs	4	4	960	960	
206	Price for 5th working day 2hrs	5	5	1200	1200	
207	Price for 6th working day 2hrs	6	6	1440	1440	
208	Price for 7th working day 2hrs	7	7	1680	1680	
209	Price for 8th working day 2hrs	8	8	1920	1920	
210	Price for 9th working day 2hrs	9	9	2160	2160	
211	Price for 10th working day 2hrs	10	10	2400	2400	
212	Price for 11th working day 2hrs	11	11	2640	2640	
213	Price for 12th working day 2hrs	12	12	2880	2880	
214	Price for 13th working day 2hrs	13	13	3120	3120	
215	Price for 14th working day 2hrs	14	14	3360	3360	
216	Price for 15th working day 2hrs	15	15	3600	3600	
217	Price for 16th working day 2hrs	16	16	3840	3840	
218	Price for 17th working day 2hrs	17	17	4080	4080	
219	Price for 18th working day 2hrs	18	18	4320	4320	
220	Price for 19th working day 2hrs	19	19	4560	4560	
221	Price for 20th working day 2hrs	20	20	4800	4800	
222	Price for 21st working day 2hrs	21	21	5040	5040	
223	Price for 22nd working day 2hrs	22	22	5280	5280	
224	Price for 23rd working day 2hrs	23	23	5520	5520	
225	Price for 24th working day 2hrs	24	24	5760	5760	
226	Price for 25th working day 2hrs	25	25	6000	6000	
227	Price for 26th working day 2hrs	26	26	6240	6240	
228	Price for 27th working day 2hrs	27	27	6480	6480	
229	Price for 28th working day 2hrs	28	28	6720	6720	
230	Price for 29th working day 2hrs	29	29	6960	6960	
231	Price for 30th working day 2hrs	30	30	7200	7200	
232	Price for 31st working day 2hrs	31	31	7440	7440	
233	Price for 32nd working day 2hrs	32	32	7680	7680	
234	Price for 33rd working day 2hrs	33	33	7920	7920	
235	Price for 34th working day 2hrs	34	34	8160	8160	
236	Price for 35th working day 2hrs	35	35	8400	8400	
237	Price for 36th working day 2hrs	36	36	8640	8640	
238	Price for 37th working day 2hrs	37	37	8880	8880	
239	Price for 38th working day 2hrs	38	38	9120	9120	
240	Price for 39th working day 2hrs	39	39	9360	9360	
241	Price for 40th working day 2hrs	40	40	9600	9600	
242	Price for 41st working day 2hrs	41	41	9840	9840	
243	Price for 42nd working day 2hrs	42	42	10080	10080	
244	Price for 43rd working day 2hrs	43	43	10320	10320	
245	Price for 44th working day 2hrs	44	44	10560	10560	
246	Price for 45th working day 2hrs	45	45	10800	10800	
247	Price for 46th working day 2hrs	46	46	11040	11040	
248	Price for 47th working day 2hrs	47	47	11280	11280	
249	Price for 48th working day 2hrs	48	48	11520	11520	
250	Price for 49th working day 2hrs	49	49	11760	11760	
251	Price for 50th working day 2hrs	50	50	12000	12000	
252	Price for 51st working day 2hrs	51	51	12240	12240	
253	Price for 52nd working day 2hrs	52	52	12480	12480	
254	Price for 53rd working day 2hrs	53	53	12720	12720	
255	Price for 54th working day 2hrs	54	54	12960	12960	
256	Price for 55th working day 2hrs	55	55	13200	13200	
257	Price for 56th working day 2hrs	56	56	13440	13440	
258	Price for 57th working day 2hrs	57	57	13680	13680	
259	Price for 58th working day 2hrs	58	58	13920	13920	
260	Price for 59th working day 2hrs	59	59	14160	14160	
261	Price for 60th working day 2hrs	60	60	14400	14400	
262	Price for 61st working day 2hrs	61	61	14640	14640	
263	Price for 62nd working day 2hrs	62	62	14880	14880	
264	Price for 63rd working day 2hrs	63	63	15120	15120	
265	Price for 64th working day 2hrs	64	64	15360	15360	
266	Price for 65th working day 2hrs	65	65	15600	15600	
267	Price for 66th working day 2hrs	66	66	15840	15840	
268	Price for 67th working day 2hrs	67	67	16080	16080	
269	Price for 68th working day 2hrs	68	68	16320	16320	
270	Price for 69th working day 2hrs	69	69	16560	16560	
271	Price for 70th working day 2hrs	70	70	16800	16800	
272	Price for 71st working day 2hrs	71	71	17040	17040	
273	Price for 72nd working day 2hrs	72	72	17280	17280	
274	Price for 73rd working day 2hrs	73	73	17520	17520	
275	Price for 74th working day 2hrs	74	74	17760	17760	
276	Price for 75th working day 2hrs	75	75	18000	18000	
277	Price for 76th working day 2hrs	76	76	18240	18240	
278	Price for 77th working day 2hrs	77	77	18480	18480	
279	Price for 78th working day 2hrs	78	78	18720	18720	
280	Price for 79th working day 2hrs	79	79	18960	18960	
281	Price for 80th working day 2hrs	80	80	19200	19200	
282	Price for 81st working day 2hrs	81	81	19440	19440	
283	Price for 82nd working day 2hrs	82	82	19680	19680	
284	Price for 83rd working day 2hrs	83	83	19920	19920	
285	Price for 84th working day 2hrs	84	84	20160	20160	
286	Price for 85th working day 2hrs	85	85	20400	20400	
287	Price for 86th working day 2hrs	86	86	20640	20640	
288	Price for 87th working day 2hrs	87	87	20880	20880	
289	Price for 88th working day 2hrs	88	88	21120	21120	
290	Price for 89th working day 2hrs	89	89	21360	21360	
291	Price for 90th working day 2hrs	90	90	21600	21600	
292	Price for 91st working day 2hrs	91	91	21840	21840	
293	Price for 92nd working day 2hrs	92	92	22080	22080	
294	Price for 93rd working day 2hrs	93	93	22320	22320	
295	Price for 94th working day 2hrs	94	94	22560	22560	
296	Price for 95th working day 2hrs	95	95	22800	22800	
297	Price for 96th working day 2hrs	96	96	23040	23040	
298	Price for 97th working day 2hrs	97	97	23280	23280	
299	Price for 98th working day 2hrs	98	98	23520	23520	
300	Price for 99th working day 2hrs	99	99	23760	23760	
301	Price for 100th working day 2hrs	100	100	24000	24000	
302	Price for 101st working day 2hrs	101	101	24240	24240	
303	Price for 102nd working day 2hrs	102	102	24480	24480	
304	Price for 103rd working day 2hrs	103	103	24720	24720	
305	Price for 104th working day 2hrs	104	104	24960	24960	
306	Price for 105th working day 2hrs	105	105	25200	25200	
307	Price for 106th working day 2hrs	106	106	25440	25440	
308	Price for 107th working day 2hrs	107	107	25680	25680	
309	Price for 108th working day 2hrs	108	108	25920	25920	
310	Price for 109th working day 2hrs	109	109	26160	26160	
311	Price for 110th working day 2hrs	110	110	26400	26400	
312	Price for 111th working day 2hrs	111	111	26640	26640	
313	Price for 112th working day 2hrs	112	112	26880	26880	
314	Price for 113th working day 2hrs	113	113	27120	27120	
315	Price for 114th working day 2hrs	114	114	27360	27360	
316	Price for 115th working day 2hrs	115	115	27600	27600	
317	Price for 116th working day 2hrs	116	116	27840	27840	
318	Price for 117th working day 2hrs	117	117	28080	28080	
319	Price for 118th working day 2hrs	118	118	28320	28320	
320	Price for 119th working day 2hrs	119	119	28560	28560	
321	Price for 120th working day 2hrs	120	120	28800	28800	
322	Price for 121st working day 2hrs	121	121	29040	29040	
323	Price for 122nd working day 2hrs	122	122	29280	29280	
324	Price for 123rd working day 2hrs	123	123	29520	29520	
325	Price for 124th working day 2hrs	124	124	29760	29760	
326	Price for 125th working day 2hrs	125	125	30000	30000	
327	Price for 126th working day 2hrs	126	126	30240	30240	
328	Price for 127th working day 2hrs	127	127	30480	30480	
329	Price for 128th working day 2hrs	128	128	30720	30720	
330	Price for 129th working day 2hrs	129	129	30960	30960	
331	Price for 130th working day 2hrs	130	130	31200	31200	
332	Price for 131st working day 2hrs	131	131	31440	31440	
333	Price for 132nd working day 2hrs	132	132	31680	31680	
334	Price for 133rd working day 2hrs	133	133	31920	31920	
335	Price for 134th working day 2hrs	134	134	32160	32160	
336	Price for 135th working day 2hrs	135	135	32400	32400	
337	Price for 136th working day 2hrs	136	136	32640	32640	
338	Price for 137th working day 2hrs	137	137	32880	32880	
339	Price for 138th working day 2hrs	138	138	33120	33120	
340	Price for 139th working day 2hrs	139	139	33360	33360	
341	Price for 140th working day 2hrs	140	140	33600	33600	
342	Price for 141st working day 2hrs	141	141	33840	33840	
343	Price for 142nd working day 2hrs	142	142	34080	34080	
344	Price for 143rd working day 2hrs	143	143	34320	34320	
345	Price for 144th working day 2hrs	144	144	34560	34560	
346	Price for 145th working day 2hrs	145	145	34800	34800	
347	Price for 146th working day 2hrs	146	146	35040	35040	
348	Price for 147th working day 2hrs	147	147	35280	35280	
349	Price for 148th working day 2hrs	148	148	35520	35520	
350	Price for 149th working day 2hrs	149	149	35760	35760	
351	Price for 150th working day 2hrs	150	150	36000	36000	
352	Price for 151st working day 2hrs	151	151	36240	36240	
353	Price for 152nd working day 2hrs	152	152	36480	36480	
354	Price for 153rd working day 2hrs	153	153	36720	36720	
355	Price for 154th working day 2hrs	154	154	36960	36960	
356	Price for 155th working day 2hrs	155	155	37200	37200	
357	Price for 156th working day 2hrs	156	156	37440	37440	
358	Price for 157th working day 2hrs	157	157	37680	37680	
359	Price for 158th working day 2hrs	158	158	37920	37920	
360	Price for 159th working day 2hrs	159	159	38160	38160	
361	Price for 160th working day 2hrs	160	160	38400	38400	
362	Price for 161st working day 2hrs	161	161	38640	38640	
363	Price for 162nd working day 2hrs	162	162	38880	38880	
364	Price for 163rd working day 2hrs	163	163	39120	39120	
365	Price for 164th working day 2hrs	164	164	39360	39360	
366	Price for 165th working day 2hrs	165	165	39600	39600	
367	Price for 166th working day 2hrs	166	166	39840	39840	
368	Price for 167th working day 2hrs	167	167	40080	40080	
369	Price for 168th working day 2hrs	168	168	40320	40320	
370	Price for 169th working day 2hrs	169	169	40560	40560	
371	Price for 170th working day 2hrs	170	170	40800	40800	
372	Price for 171st working day 2hrs	171	171	41040	41040	
373	Price for 172nd working day 2hrs	172	172	41280	41280	
374	Price for 173rd working day 2hrs	173	173	41520	41520	
375	Price for 174th working day 2hrs	174	174	41760	41760	
376	Price for 175th working day 2hrs	175	175	42000	42000	
377	Price for 176th working day 2hrs	176	176	42240	42240	
378	Price for 177th working day 2hrs	177	177	42480	42480	
379	Price for 178th working day 2hrs	178	178	42720	427	