

**Request for Quotation (RFQ)
for the
RFQPROC# 2023-0944 – Earthing & Lightning Protection for Beirut Main Office**

**BID BULLETIN
Addendum No. 1**

This Addendum No. 01 is issued to address inquiries and clarification from bidders and modify information provided in the Request for Quotation for the provision of earthing & lightning protection systems for Beirut Main Office issued to prospective vendors on 25 July 2023.

A. On General Instruction to Bidders

1. Deadline for the Submission of Quotation should read as follow:
On or before **Wednesday 09 August 2023, by 04:00PM Beirut Time.**
If any doubt exists as to the time zone in which the quotation should be submitted, refer to <http://www.timeanddate.com/worldclock/>.

B. Inquiries from Bidders

I. Technical Inquiries

Item no.	Question/Clarification	IOM Response
A- Regarding earthing system:		
1	70mm bare copper quantity. (We need PVC conduit with accessories from earth pit to bar or not if yes please mention the quantity)	No need for PVC conduits between the earth rods and the disconnecting link located in the manhole at the garden, the connection between the disconnecting link and the electrical room will be through the existing pipe
2	PVC Y/G cable 35mm quantity. (We need PVC conduit with accessories or not if yes please mention the quantity)	Yes, the indoor distributions should be through PVC conduits and the needed quantities should be estimated by the supplier as a lump sum
3	PVC Y/G cable 16mm quantity. (We need PVC conduit with accessories or not if yes please mention the quantity)	Yes, the indoor distributions should be through PVC conduits and the needed quantities should be estimated by the supplier as a lump sum
B- Regarding Lightning system:		
1	Down conductor quantity.	Two down conductors should be installed as per the sent report, the estimated quantities will be around 100m
2	Number of plated and Bentonite or it's a lump sum earthing.	It's a lump sum earthing based on minimum 4 plates + 8 packs of bentonite or similar and all the related accessories to reach an earth resistivity less than 10 ohms as per NFC 17 102
C- Surge Arresters		
1	Phase 1: Do we need PVC boxes to install the surge arrester, or you have spaces in your panels, if yes please mention number of PVC boxes and specify number of modules.	Yes, we need PVC boxes with fuses for all the surge arresters related to MDB, EDL lines and Generators lines. Metallic boxes with fuses for the surge arrester inside the generators are required.
2	Phase 2:	Yes, we need PVC boxes with fuses for all the

	Please specify number of surge arrester you need in each item mentioned in your BOQ, cables needed with sections, quantities and if you need PVC boxes with accessories	surge arresters in each floor as mentioned in the BOQ
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Respectfully Yours,

Bilal Kanj
Bilal Kanj
Procurement Case Officer