

10 MAY 2018

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MATELEC S.A.L.

P.O.Box 12 Jbeil

Amchit- Ghorfine

Lebanon

Attn : Mr. Cesar LutfallahDirector, Engineering and Contracting Division**Your references****Our references** AIS/EDF/MAT/0010/0124**Contact** Nada Soukarieh ☎ +961 1 58 58 74**Subject** High Voltage Substations Reinforcement Works – AIS
Completion Certificate

Beirut, May 10, 2018

Dear Sir,

Following your request, here attached the Completion Certificate relative to AIS contract.

Best regards,


Loïc POPIEL
Project Director

EDF IN MASHREQ

Enclosed: Completion Certificate (2 pages)

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TO WHOM IT MAY CONCERN

Beirut, May 10, 2018

We, the undersigned, EDF the engineer (consultant) representing the client **Ministry of Electricity and Water (MOEW) - Lebanon** for the project "**High Voltage Substations Reinforcement Work-AIS**" (contract price: **US\$ 11,951,216 & EURO 18,883,680 without VAT**), hereby confirm and certify that the following below sections under the said project has been completed by Matelec SAL and partially reception by the Client and are currently in service operated by the End-User EDL:

- **Section: Deir Nbouh and Sour completed (Taking Over Certificate issued) on 28/11/2016 amounting to 4,008,994\$ and 1,703,443 Euro (without VAT) and consisting of:**

Deir Nbouh (AIS outdoor 220/150/66 kV substation): The scope of work is the construction and installation of a new bay to feed a new 220/20-15 kV transformer (70 MVA). The scope includes also extension of the existing 220 kV bus bar (In=3150A), dismantling and reinstallation of the existing 220 kV equipment (3 x voltage transformer and 1 x bus bar section disconnector)....

SOUR (TYR) (AIS outdoor 220/66 kV substation): The scope of the work is the construction and installation of a new bay to feed a new 220/20-15 kV Transformer (70 MVA).

- **Section: Bsalim and Zouk completed (Taking Over Certificate issued) on 22/03/2017 amounting to 4,976,209 \$ and 6,527,403 Euro (without VAT) and consisting of:**

Bsalim (GIS indoor 220/150/66 kV substation): The scope of the work is the construction and installation of a new bay to feed a new 220/20-15 kV transformer (70 MVA).

Zouk (GIS indoor 150/66 kV substation): The scope of work is the supply and installation of a new Power Transformer 220-150/20kV (70MVA) and the restoration of the existing bay 150 KV "Beirut 1". New MV switchgear (2500 A) with 10 x outgoing MV lines bay and 1 x Incoming transformer bay has been supplied and installed.

In testimony thereof, the present certificate is granted to them.

- Letter AIS/EDF/MAT/0010/098 "Taking over Certificate of Bsalim and Zouk" dated 21/04/2017.
- Letter AIS/EDF/MAT/0010/0106 "Taking over Certificate of Bsalim and Zouk" dated 31/05/2017.

Loic Popiel
Project Director

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