



EWA
هيئة الكهرباء والمياه
Electricity & Water Authority
Kingdom of Bahrain

إدارة توزيع الكهرباء
Electricity Distribution Directorate

5310/6.910/32 4/2/18/jb/170507
August 9th, 2018



Haji Ali Haji Co W.L.L.,
Attn: Mr. Rajat Sahoo, Manager

Fax: 17721822

Dear Sir,

**SUBJECT: EQUIPMENTS APPROVAL
HEAT SHRINK TERMINATION KITS 11KV //**
MANUFACTURER: 3M ELECTRO & COMMUNICATION INDIA PVT LTD., INDIA

Name of the Project: Al Madina Al Shamaliya Sewage Treatment Plant, Budaiya

This has reference to your submittal No: EMD/APPR/3M/PRO/250718 dated 25th July 2018, along with documents. We have reviewed the same in conjunction with previous submittals and the Heat Shrink terminations, from manufacturer M/s 3M Electro & Communication India Pvt Ltd., India, for the following cables are considered as approved:-

- 1) 1c x 500mm²sq Cu/XLPE/AWA/PVC 6/10(12kV) cable.
- 2) 1c x 500mm²sq Al/XLPE/AWA/PVC 6/10(12kV) cable.
- 3) 3c x 300mm²sq Cu/XLPE/SWA/PVC 6/10(12kV) cable.
- 4) 1c x 185mm²sq Al/XLPE/AWA/PVC 6/10(12kV) cable.

However, it is the responsibility of the Consultant to ensure the following:

- 1) The 11kV heat shrink termination kits shall be compatible with the regulations and the specification of the EDD.
- 2) The 11kV heat shrink termination kits have been fully tested in accordance with EDD specification with latest Amendment.
- 3) The actual delivered and installed 11kV heat shrink termination kits should be the same as prior approved by Electricity Distribution Directorate.
- 4) After the completion of the work, the Consultant shall submit a letter of undertaking that the design of the 11kV heat shrink termination kits have been tested and meet with all the stipulated requirements.

...2/-

www.ewa.bh



EWA
 هيئة الكهرباء والمياه
 Electricity & Water Authority
 Kingdom of Bahrain

إدارة توزيع الكهرباء

Electricity Distribution Directorate

- 5) The Consultant/Contractor shall then submit to the Electricity Distribution Directorate the completion certificate duly certified by the Consultant.
- 6) The Consultant/Contractor shall liaise with EDD at all stages, before commissioning the said 11kV heat shrink termination kits.
- 7) The responsibility for the performances of the subject equipment rests with the Consultant/Contractor. This approval does not entitle the developer of the project to hold Electricity Distribution Directorate responsible in the event of non-performance of the 11kV heat shrink termination.

Regards,

Ebrahim Hameed Al Mubarak,
Chief, Planning & Materials

JB56 FM (2316)
 CC: 12 MAC Members-please see sharing folder (2)Abdulla Hameed & (3) File

www.cwa.bh

P.O. Box: 2, Tel: (+973) 17991999, Fax: (+973) 17728466

(+973) 17721822