

ADDENDUM NO. 3

DOMINICA GEOTHERMAL RISK MITIGATION PROJECT II

TO TENDER DOCUMENT

FOR

Design, Supply, and Installation

Procurement of

(i) New 2.2kV/11kV/33kV/69kV Substations and

(ii) New 11kV/33kV/69kV OHL and UGC

Transmission Lines

(Geothermal Power Plant to Fond Cole)

REFERENCE: DM-DGDC-384816-CW-RFB

JANUARY 18, 2024

No.	Reference	Section	Original	Amended
1	Part II Section B Employer's Requirements Underground Cables	<u>Underground Cable</u> Annex A2-8: 11kV XLPE Cable Guaranteed Technical Data	Conductor Resistance : DC @ 20°C: 0.12 AC @ 90°C: 0.16	Conductor Resistance : DC @ 20°C: 0.164 AC @ 90°C: 0.211
2	Part II Section B Employer's Requirements Underground Cables	6.2 Service Conditions 8.2 Service Conditions 10.2 Service Conditions	The specified cables shall be designed to meet a 25kA (3s) earth fault duties for 69kV level. The specified cables shall be designed to meet a 25kA (3s) earth fault duties for 33kV level. The specified cables shall be designed to meet a 25kA (3s) earth fault duties for 11kV level.	The specified cables shall be designed to meet a 25kA (1s) earth fault duties for 69kV level. The specified cables shall be designed to meet a 25kA (1s) earth fault duties for 33kV level. The specified cables shall be designed to meet a 25kA (1s) earth fault duties for 11kV level.
3	Part II Section B Employer's Requirements Substations and Underground Cable	<u>Substations</u> 9.1.3 Design and Construction Requirements <u>Underground Cable</u> 6.3 Design and Construction Requirements	Corrugated sheaths shall be extruded in a continuous process from rolls of sheet metal without joins in any one drum length.	Corrugated sheaths shall be extruded in a continuous process from rolls of sheet metal without joins in any one drum length. Argon welding is allowable in case of manufacturing equipment limitation. In that case, additionally, the Contractor should provide a detailed test procedure for welding junction for approval (by employer) to be done during FAT. Contractor should provide all necessary certifications, manufacturing process details (including welding phase) along with type test of similar welded sheath cable.

No.	Reference	Section	Original	Amended
4	OHL Annexes	OHL Annexes - Conductors	OHL Annex 3	Replace with OHL Annex 3 – Updated January 18 2024
5	RFB Part 2 - Section B – Annex A2-8 11kV XLPE Cable Guaranteed Technical Data	Annex A2-8 11kV XLPE Cable Guaranteed Technical Data	Rated short circuit current (1s): Conductor 25kA	Rated short circuit current (1s): Conductor 17.5kA
6	Part II Section B Annex A2-5 and Annex A2-8	Annex A2-5 33kV XLPE Cable Guaranteed Technical Data Annex A2-8 11kV XLPE Cable Guaranteed Technical Data	Fire Retardant: Yes	Fire Retardant: Yes (Level ZB)
7	RFB Part 2 - Section B – Annex A2-1 69kV XLPE Cable Guaranteed Technical Data	Annex A2-1 69kV XLPE Cable Guaranteed Technical Data	Jacket Material: LMDPE	Jacket Material: LMDPE (or MDPE)
8	Part II Section A General Requirements	3.5 Construction/Installation	Not applicable	Insert this new text at the end of Section 3.5 The Contractor is responsible for disposal of excess excavated material. The Employer will confirm suitable disposal sites prior to commencement of works. This requires coordination with several Government authorities. It can be assumed that these disposal sites will be within 6 km of the worksite.

No.	Reference	Section	Original	Amended
				The Contractor's prices should include the transportation and disposal of any excess excavated material to the disposal site defined by the employer.