

Addendum No. 1

Tender No: BPC/C&PD/CMS/ TENDER-2026/01 for **Supply, Construction, Testing & Commissioning of a 132kV transmission line from Wobthang Solar Project at Bumthang to Garpang, Bumthang, Bhutan.**

Pursuant to the Technical Specification under CHAPTER 7 – ACCC CONDUCTOR, the ampacity shall be established under the following reference conditions:

- Ambient temperature: 40°C
- Wind speed: 0.6 m/s
- Solar absorptivity: 0.5
- Emissivity: 0.5
- Elevation above sea level : 3200 m
- Solar radiation: 1000 W/m²
- Frequency: 50 Hz

The conductor current carrying capacity meets the minimum requirement of 1000 A.