



ALL CORRESPONDENCE TO BE ADDRESSED TO THE GENERAL MANAGER

# Central Electricity Board

## CORPORATE OFFICE

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OUR REF: **IFB 9921 - Cla.1**

**09 September 2025**

YOUR REF: **Attention: All Bidders**

Dear Sir/Madam,

### **OAB-TD-2025-9101 (IFB 9921): Procurement of Copper Earthing Cable 185mmsg**

#### **Clarification No. 1**

Please find below CEB's reply further to queries from a prospective bidder for the above-mentioned bidding exercise.

#### **Query 1**

As per the Technical Specification in Tender Document: **Clause No. 5.2.1 and 5.2.2**, the cable shall be **PVC insulated only**. However, in the **Guaranteed Technical Particulars (GTP)** at **SI. No. 2.9 and 2.10**, the requirement indicates the **Over Sheath of PVC or Polyethylene**. Please Clarify.

#### **Reply 1**

Please refer to Addendum No.1

#### **Query 2**

As per the Technical Specification in Tender Document: Refer Technical Data Sheet - the data provided under **SI. No. 2.11 and 2.12** do not align with either an **Unsheathed Cable** or a **Sheathed Cable**. Please Clarify.

#### **Reply 2**

Please refer to Addendum No.1

#### **Query 3**

As per the Technical Specification in Tender Document: Refer Technical Specification - **Clause No. 6.2.1 and 8.1**, the referred standard is mentioned as **IEC-60502-2**, whereas we believe it should be **IEC-60502-1**. Please Clarify.

#### **Reply 3**

Please refer to Addendum No.1

#### **Query 4**

The Clause 3.4 under Normative References (clause 3 of Technical Specifications) of the Tender Document, IEC 60502-1 and IEC 60502-2 are mentioned as relevant Standards for the above mentioned 185 mm<sup>2</sup> Copper EARTH Cable. We are required to provide Test Reports/certificates to conform to those standards. However, the above-mentioned Standards are not related to EARTH Cables and we find that the Standards IEC 60227-1:2007 and IEC 60227-3:1997 refer typically to EARTH Wires. Can you please specify which should be adopted.

#### **Reply 4**

The proposed cable shall conform to IEC 60502-1.

Yours faithfully,

**Chairman Tender Committee**



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IFB 9921\_Add .1

OUR REF:

10 September 2025

YOUR REF: **Attention: All Bidders**

Dear Sir/Madam,

### OAB-TD-2025-9101 (IFB 9921) Procurement of Copper Earthing Cable 185 mm<sup>2</sup>

#### Addendum No. 1

Please refer to the above-mentioned bidding exercise.

Bidders are hereby informed of the following amendments to the bidding documents:

##### **i) Section V – Schedule of Requirements: Technical Specifications**

###### **5.2 System Particular and Service Conditions**

Sub-section 5.2: amended as follows:

**The conductor shall be PVC insulated with a minimum thickness of 2.0 mm and shall have an Over Sheath of PVC or Polyethylene with thickness as defined in Clause 13.3 of IEC 60502-1.**

###### **6.2 Cable Marking**

Sub-section 6.2.1 to read as follows:

**Cables shall be legibly marked in accordance with the requirements of IEC 60502-1 as applicable. The marking shall include the specification number to which the cable has been manufactured, the conductor size in mm<sup>2</sup> and material i.e. Coper (Cu). A typical legend would be: XXXXXXXX Cable, 2019, 185 mm<sup>2</sup> Cu IEC 60502-1.**

###### **8 Test Reports/Certificates**

Sub-section 8.1 to read as follows:

**Type Test Reports to IEC 60502-1 and other qualifying documents shall be submitted as per the requirements set out in the Tender Documents.**

##### **ii) Guaranteed Particulars Technical Schedules A & B and Deviation**

###### **9.1 Guaranteed Particulars Technical Schedules A & B**

For items 2.11 and 2.12 of the Guaranteed Particulars:

The values provided in Schedule A must be ignored and prospective bidders shall have to fill in Schedule B, by providing the matching data of 185 sqmm Cu cable having PVC insulation and Over Sheath of PVC or Polyethylene for a nominal working voltage of 1,000 V, to upload on the 'Any other Documents' template of the e-PS.

Item	Description		Schedule A	Schedule B
2.11	Nominal external diameter of completed cable;			
	(a) Minimum	mm	Specify	
	(b) Maximum	mm	Specify	
2.12	Nominal weight per meter of cable	kg/m	Specify	

Yours faithfully,

Chairman Tender Committee