

# GOVERNMENT OF INDIA

## NOTICE INVITING TENDER

(National Competitive Bidding)

### ISSUING AUTHORITY

Name: BHARAT HEAVY ELECTRICALS LIMITED  
Established: 1964  
Sector: POWER EQUIPMENT  
Credibility Score: 10/100 (AAA Rating)  
Payment Track Record: Excellent

### IMPORTANT DATES

**Tender ID:** UTL-110  
**Issue Date:** 2025-10-13  
**Pre-Bid Meeting:** 18/10/2025  
**Last Date for Queries:** 21/10/2025  
**Bid Submission Deadline:** 2025-11-12  
**Technical Bid Opening:** 13/11/2025  
**Estimated Award Date:** 02/12/2025



# SECTION 1: SCOPE OF WORK

## 1.1 Project Overview

The BHARAT HEAVY ELECTRICALS LIMITED invites sealed bids from eligible contractors for the supply, installation, testing, and commissioning of Wires & Cables.

This procurement is part of our infrastructure modernization initiative to enhance power distribution reliability and efficiency across the Bangalore region.

## 1.2 Item Description & Quantities

- **Description:** Wires & Cables
- **Quantity Required:** 25000 m
- **Voltage Class:** 11 kV
- **Conductor Material:** Aluminium
- **Insulation Type:** XLPE
- **Armoring:** Galvanized Steel Wire Armour (SWA)
- **Standards Compliance:** IS 7098 (Part 1 & 2), IEC 60502
- **Testing Requirements:** Routine, Sample & Type Tests as per IS/IEC
- **Quality Certification:** BIS License, ISO 9001:2015, ISO 14001:2015



## SECTION 2: TECHNICAL SPECIFICATIONS

### 2.1 Detailed Technical Requirements

1. Cable construction shall conform to IS 7098 (Part 1): 2018
2. Conductor: Compacted Aluminum, Class 2 stranded as per IS 8130
3. Insulation: XLPE compound meeting IS 7098 requirements
4. Inner Sheath: PVC compound Type ST2 as per IS 5831
5. Armour: Galvanized steel wire, minimum 2.5mm diameter
6. Outer Sheath: PVC compound Type ST2, black color
7. Maximum conductor resistance: 0.161 ohms/km at 20°C
8. Minimum insulation resistance: 50 MΩ/km at 20°C
9. Voltage test: 3.5 times rated voltage for 5 minutes
10. Partial discharge test: Maximum 10pC at 1.73U<sub>0</sub>
11. Flame retardant as per IS 10810 (Category A)
12. Environmental compliance: RoHS, REACH directives

### 2.2 Quality Assurance & Testing

All materials shall undergo the following tests:

- Routine Tests: On every drum/length
- Sample Tests: On random samples as per IS standards
- Type Tests: Valid type test certificates required
- Third-party inspection at manufacturer works mandatory
- Testing at NABL/ILAC accredited laboratories



## **SECTION 3: ELIGIBILITY CRITERIA**

### **3.1 Mandatory Eligibility Requirements**

1. Manufacturer or authorized dealer with valid dealership certificate
2. Minimum 5 years of experience in cable manufacturing/supply
3. Average annual turnover of minimum ₹ 10 Crores in last 3 financial years
4. Successfully completed at least 3 similar orders in last 5 years
5. Each reference order should be minimum 60% of tendered quantity
6. Valid BIS license for the offered product
7. ISO 9001:2015 certification for quality management
8. ISO 14001:2015 certification for environmental management
9. Valid PAN, GST registration, and income tax clearance
10. No blacklisting by any Government/PSU in last 3 years
11. Manufacturing facility within India (mandatory)
12. Adequate production capacity and infrastructure

### **3.2 Documents to be Submitted**

Bidders must submit the following documents:

- Company registration & incorporation certificate
- Audited balance sheets & P/L statements (last 3 years)
- Income tax returns & clearance certificates
- Valid BIS license copy
- ISO 9001:2015 & ISO 14001:2015 certificates
- Past performance certificates (minimum 3 orders)
- Type test reports from accredited labs
- Manufacturing facility details with production capacity
- Undertaking of no blacklisting





## SECTION 4: COMMERCIAL & FINANCIAL TERMS

### 4.1 Financial Requirements

**Earnest Money Deposit (EMD):** ₹ 1,00,000

**Tender Processing Fee:** ₹ 2,950

**Performance Security:** 10% of contract value

**Retention Money:** 5% of each running bill

**Price Basis:** Firm & Fixed (No price escalation)

**Taxes & Duties:** Extra as applicable (GST)

**Payment Terms:** 80% against supply, 20% after acceptance

**Payment Mode:** NEFT/RTGS within 30 days of invoice

**Liquidated Damages:** 0.5% per week, max 10% of order value

**Warranty Period:** 24 months from commissioning

### 4.2 Delivery & Installation

Delivery Period: 60 days from date of purchase order

Delivery Location: Bangalore - Consignee stores

Freight & Insurance: To be borne by supplier (FOR destination)

Packing: Standard export-worthy packing on non-returnable drums

Inspection: Third-party inspection at works & at site

Installation Support: Technical assistance during laying if required



## **SECTION 5: BID EVALUATION CRITERIA**

### **5.1 Two-Envelope System**

Bids will be evaluated using a two-envelope system:

- Envelope A: Technical Bid (Eligibility & Technical documents)
- Envelope B: Commercial Bid (Price bid in sealed envelope)

Only technically qualified bidders will have their commercial bids opened.

### **5.2 Technical Evaluation (Pass/Fail)**

- Eligibility criteria compliance - Mandatory
- Technical specifications compliance - Mandatory
- Quality certifications (BIS, ISO) - Mandatory
- Past performance & reference verification - Mandatory
- Financial capability assessment - Mandatory
- Manufacturing facility adequacy - Mandatory

### **5.3 Commercial Evaluation (L1 Basis)**

Among technically qualified bidders, the contract will be awarded to the Lowest Evaluated Bidder (L1) meeting all requirements.

Price comparison will be on landed cost basis including all taxes, freight, insurance, and installation charges.



## **SECTION 6: INSTRUCTIONS TO BIDDERS**

### **6.1 Bid Preparation**

1. Bids must be submitted in two separate sealed envelopes
2. All pages must be signed and stamped by authorized signatory
3. Corrections/overwriting must be authenticated by signature
4. Bids must remain valid for 120 days from submission date
5. Late bids will be summarily rejected without consideration
6. Incomplete bids will be rejected at preliminary stage

### **6.2 Bid Submission**

Submission Address:

BHARAT HEAVY ELECTRICALS LIMITED

Procurement Department

Bangalore

Attn: Chief Engineer (Procurement)

Deadline: 2025-11-12 at 2:00 PM IST

Bid Opening: Same day at 3:00 PM IST in presence of bidders

### **6.3 Contact Information**

Email: [tenders@bharatheavyelec.com](mailto:tenders@bharatheavyelec.com)

Phone: +91-99-76771191

Pre-bid Meeting: As per schedule (attendance recommended)



## **SECTION 7: GENERAL TERMS & CONDITIONS**

1. The tender is subject to provisions of GFR (General Financial Rules) 2017
2. The organization reserves right to accept/reject any or all bids without assigning reasons
3. Conditional bids will be summarily rejected
4. The organization reserves right to increase/decrease quantities by up to 25%
5. Disputes, if any, shall be subject to jurisdiction of courts in Bangalore
6. All statutory compliances are responsibility of successful bidder
7. Force Majeure clause as per standard government contracts applicable
8. Arbitration as per Arbitration & Conciliation Act, 1996 in case of disputes
9. Integrity Pact/Code of Conduct to be signed by bidders
10. This tender is subject to availability of budgetary allocation

### **DECLARATION**

We hereby declare that we have read and understood all terms and conditions of this tender and agree to abide by them.

**For BHARAT HEAVY ELECTRICALS LIMITED**

Authorized Signatory  
Chief Engineer (Procurement)  
Date: 2025-10-13

