

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

Revision No. : 04
 Dt of Revision : 27.08.2020
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 Section : Formats
 Topic : Technical Specifications format

Issue No : 2
 Issue Dt. : 30.06.2003
 Issued by : P A
 Documents : PPM
 FORMAT NO.:CPRI/PUR/eTBID/GTP

Section IV T -Technical Specification

CENTRAL POWER RESEARCH INSTITUTE, BENGALURU/BHOPAL Web: www.cpri.in, www.tenderwizard.com/CPRI

Tender Enquiry No : CPRI/BLR21HPL03C799

Description of the Equipment/Goods/Services : Short Circuit Generator Master Circuit Breakers and Make Switches for augmentation of short circuit test facilities at High power laboratory, CPRI Bengaluru.

Note : 1) The technical bid submitted in other than this format is liable to be rejected.

2) All blue fields are mandatorily to be filled in.

Name and address of the bidder

Quotation Number and Date

| Sl.No. | Parameters | CPRI Technical Specification / Requirements | Qty | To be completed by the Bidder | | |
|--------|---|--|---|--|--|---------------------|
| | | | | Details of guaranteed technical parameters offered by the bidder | Guaranteed Technical Particulars (GTP) | Deviations from GTP |
| 1 | Place where equipment /service to be supplied /provided | High Power Laboratory, CPRI, Bangalore. | | | | |
| 2 | Scope | The scope covers the design, engineering, manufacture, assembly, stage inspection, testing at manufacturer's works, routine and Type tests, design inputs for foundation, special mandatory tools, mandatory spares, packing and transportation, insurance, supply, loading, unloading, handling, storage, erection, installation, site testing, commissioning and personnel training of Short Circuit Generator Master Circuit Breakers (06 No.s) and Make Switches (06 No.s) complete with all fittings and sub system for augmentation of short circuit test facilities at High power laboratory, CPRI Bengaluru. | Six (06) nos. of Master Circuit Breakers. Six (06) nos. of Make Switches | | | |

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| Technical specification of Short Circuit Generator Master Circuit Breakers - Refer Annexure-I. | | | | | | |
| 1 | Foreword | Refer Clause 1.0 of Annexure-I | Six (06) nos. of Master Circuit Breakers and its complete system. | | | |
| 2 | General | Refer Clause 2.0 of Annexure-I | | | | |
| 3 | Scope | Refer Clause 3.0 of Annexure-I | | | | |
| 4 | Climatic conditions | Refer Clause 4.0 of Annexure-I | | | | |
| 5 | Reference standards | Refer Clause 5.0 of Annexure-I | | | | |
| 6 | System particulars | Refer Clause 6.0 of Annexure-I | | | | |
| 7 | Main Technical Data | Refer Clause 7.0 of Annexure-I | | | | |
| 8 | General requirements | Refer Clause 8.0 of Annexure-I | | | | |
| 9 | Special requirements | Refer Clause 9.0 of Annexure-I | | | | |
| 10 | Required Design and features | Refer Clause 10.0 of Annexure-I | | | | |
| 11 | Constructional requirements | Refer Clause 11.0 of Annexure-I | | | | |
| 12 | Maintenance requirements | Refer Clause 12.0 of Annexure-I | | | | |
| 13 | Inspection and Tests | Refer Clause 13.0 of Annexure-I | | | | |
| 14 | Installation and Final acceptance | Refer Clause 14.0 of Annexure-I | | | | |
| 15 | Spare parts and Maintenance | Refer Clause 15.0 of Annexure-I | | | | |
| 16 | Warranty | Refer Clause 16.0 of Annexure-I | | | | |
| 17 | Personnel Training | Refer Clause 17.0 of Annexure-I | | | | |
| 18 | Documentation | Refer Clause 18.0 of Annexure-I | | | | |

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Technical specification of Master Switches - Refer Annexure-II.

| | | | | | | |
|----|-----------------------------------|----------------------------------|--|--|--|--|
| 1 | Foreword | Refer Clause 1.0 of Annexure-II | Six (06) nos. of Make Switches and its complete system | | | |
| 2 | General | Refer Clause 2.0 of Annexure-II | | | | |
| 3 | Scope | Refer Clause 3.0 of Annexure-II | | | | |
| 4 | Climatic conditions | Refer Clause 4.0 of Annexure-II | | | | |
| 5 | Reference standards | Refer Clause 5.0 of Annexure-II | | | | |
| 6 | System particulars | Refer Clause 6.0 of Annexure-II | | | | |
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| 12 | Warranty | Refer Clause 12.0 of Annexure-II | | | | |
| 13 | Installation and final acceptance | Refer Clause 13.0 of Annexure-II | | | | |
| 14 | Personnel Training | Refer Clause 14.0 of Annexure-II | | | | |
| 15 | Documentation | Refer Clause 15.0 of Annexure-II | | | | |

PN: 1) Mere statement of "Complied" do not suffice the requirement. The details of technical parameters in proof of CPRI requirements shall be furnished along with technical write-up, catalogues, brochures, literatures, phamplates, or any other documents shall be submitted in hard copy along with technical bid.
2) Calibration reports/certificates, factory test reports/certificates from an accredited agencies/facilites shall be submitted wherever applicable.
3) CPRI reserves the right to conduct "predispatch inspection" prior to dispatch at the works of the supplier and the expenditure towards PDI shall be borne by CPRI. However information regarding the rediness of the equipment/machinery for the PDI shall be communicated in writing at lease 70 days in advance.