

भारतीय मानक ब्यूरो
बं. शा. प्र., बंगलूरु

हमारा सन्दर्भ: BNBOL/LRS/OSL-6101024

23 जुलाई 2018

विषय: सेंट्रल पॉवर रिसर्च इंस्टिट्यूट, बेंगलूरु के मान्यता क्षेत्र में परिवर्तन

सक्षम अधिकारी के अनुमोदन अनुसार सेंट्रल पॉवर रिसर्च इंस्टिट्यूट, प्रोफसर सी वी रमण रोड, सदाशिवनगर सब पोस्ट ऑफिस, पोस्ट बॉक्स नं. 8066, बेंगलूरु – 560080 (कर्नाटक) के मान्यता क्षेत्र में दिनांक 23 जुलाई 2018 से परिवर्तन किया गया है।

प्रयोगशाला का परिवर्तित मान्यता क्षेत्र अनुबंध 1 में संलग्न है।

सु. कु. अरोड़ा
वैज्ञा-बी एवं प्रभा. अधि. (प्र. मा. योजना)

वै. एफ. एवं प्रमुख, बं. शा. प्र.

वै. एफ. एवं प्रमुख, एल पी पी डी

भारतीय मानक ब्यूरो के सभी क्षे. कार्यालय / शा. कार्यालय / प्रयोगशालाएं / सी एम डी - I , II , III

प्रमुख, आई टी एस : कृपया इस परिपत्र को भारतीय मानक ब्यूरो के इंटरनेट पर अपलोड करें।

BUREAU OF INDIAN STANDARDS
BNBOL, BANGALORE

Our Ref: BNBOL/LRS/OSL-6101024

23 July 2018

Subject: Modification in the Scope of Recognition of Central Power Research Institute (CPRI), Bangalore

As approved by the Competent Authority, scope of recognition of **Central Power Research Institute (CPRI), Prof. Sir C V Raman Road, Sadashivanagar Sub Post Office, P.B. No. 8066, Bangalore – 560080 (Karnataka)** has been modified w.e.f. 23 July 2018.

The modified scope of recognition of the lab is enclosed as **Annexure 1**.

S. K. Arora
Sc-B, OIC (LRS)

Sc-F & Head, BNBOL

Sc-F & Head, LPPD

All ROs/BOs/Labs/CMD-I/CMD-II/CMD-III

Head, ITS, BIS HQs: Please upload the circular on BIS Intranet.

Annexure-1

| DATA ON OUTSIDE RECOGNIZED LABORATORIES | | From 15/05/2017 to 14/05/2020 | |
|---|--|-------------------------------|---|
| OSL CODE: | 6101024 | CONTACT: | Sh. T. BhavaniShanker, JD/ Dy. Quality Manager |
| NAME: | Central Power Research Institute (CPRI) | TELEPHONE: | 080-23602457, 080-23601755, 9448141980 |
| ADDRESS: | Prof. Sir C V Raman Road, Sadashivanagar Sub Post Office, P.B. No. 8066, Bangalore – 560080 (Karnataka) | FAX: | 080-23601213 |
| | | E-mail: | tbs@cpri.in |
| REMARKS: | | Scope modified on 23/7/2018 | |

| S. No. | IS Number | Product | Testing Charges | Remarks |
|--------|----------------------|--|--|---------|
| 1 | IS 335:1993 | New Insulating Oils for Transformers and switchgears | Rs.36600/- (without SK Value) Rs. 37300 /- (with SK Value) | |
| 2 | IS 374:1979 | Electric Ceiling Type Fans and Regulators | Rs.29950/- | |
| 3 | IS 398 (Part 2):1996 | Aluminium conductors for overhead transmission purposes: Part 2 Aluminium conductors, galvanized steel reinforced | Rs.98550/- | |
| 4 | IS 398(Part 5):1992 | Aluminium conductors for overhead transmission purposes: Part 5 Aluminium conductors - galvanized steel reinforced for extra high voltage (400 kV and above) | Rs.118850/- | |
| 5 | IS 648:2006 | Cold rolled non-oriented electrical steel sheet and strip - Fully processed type | Rs.28900/- | |
| 6 | IS 694:2010 | Polyvinyl Chloride Insulated Unsheathed--And Sheathed Cables/cords With Rigid And--Flexible Conductor For Rated Voltages--Up To And Including 1100 V | Excluding FRLS & Additional ageing tests: Rs.98450/- for 1-core sheathed; Rs.65100/- for 1-core unsheathed; Rs.143600/- for 2-core; Rs.158950/- for 3-core; Rs.198800/- for 4-core; Rs.232000/- for 5-core and above Excluding FRLS tests & including Additional ageing tests: Rs.135300/- for 1-core sheathed; Rs.96250/- for 1-core unsheathed; Rs.182950/- for 2-core; Rs.205300/- for 3-core; Rs.252150/- for 4-core; Rs.292350/- for 5-core and above Excluding Additional ageing & including FRLS tests: Rs.142600/- for 1-core sheathed; Rs.109250/- for 1-core unsheathed; Rs.187850/- for 2-core; Rs.203100/- for 3-core; Rs.242950/- for 4- | |

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| | | | <p>core; Rs.276150/- for 5-core and above Including FRLS & Additional ageing tests: Rs.179450/- for 1-core sheathed; Rs.146000/- for 1-core unsheathed; Rs.227100/- for 2-core; Rs.249450/- for 3-core; Rs.296300/- for 4-core; Rs.336500/- for 5-core and above</p> | |
| 7 | IS 1180(Part 1):2014 | Outdoor Type Oil Immersed Distribution Transformers Upto and Including 2 500 kVA, 33kV - Specification Part 1 Mineral Oil Immersed | <p>Single phase distribution transformers (Upto and including 25 kVA, 33 kV): Rs.37500/- for Routine tests; Rs.176950/- for Type tests above 11 kV class; Rs.34250/- for Special tests including BDV and Moisture content</p> <p>Three phase distribution transformers (Upto and including 2500 kVA, 33 kV): Routine tests: Rs.42600/- upto 100 kVA (without taps); Rs.50250/- Above 100 kVA & upto 630 kVA (4 taps); Rs.57900/- Above 100 kVA & upto 630 kVA (7 taps); Rs.63000/- Above 100 kVA & upto 630 kVA (9 taps); Rs.65650/- Above 630 kVA & upto 1600 kVA (7 taps); Rs.70750/- Above 630 kVA & upto 1600 kVA (9 taps); Rs.79450/- Above 1600 kVA & upto 2500 kVA (7 taps); Rs.84550/- Above 1600 kVA & upto 2500 kVA (9 taps)</p> <p>Type tests: Rs.198625/- Upto 100 kVA, 11 kV transformers (without taps); Rs.212200/- Upto 100 kVA, 33 kV transformers (without taps); Rs.230925/- Above 100 kVA & including 200 kVA, 11 kV transformers (4 taps); Rs.244500/- Above 100 kVA & including 200 kVA, 33 kV transformers (4 taps); Rs.246225/- Above 200 kVA & including 250 kVA, 11 kV Transformers (7 taps); Rs.259800/- Above 200 kVA & including 250 kVA, 33 kV Transformers (7 taps); Rs.273750/- Above 250 kVA & including 500 kVA, 11 kV Transformers (7 taps); Rs.311300/- Above 250 kVA & including 500 kVA, 33 kV Transformers (7 taps); Rs.382900/- Above 500 kVA & including 630 kVA, 11 kV transformers (7 taps); Rs.539600/- Above 500 kVA & including 630 kVA, 33 kV transformers (7 taps); Rs.393100/- Above 500 kVA & including 630 kVA, 11 kV transformers (9 taps); Rs.549800/- Above 500 kVA & including 630 kVA, 33 kV transformers (9 taps); Rs.539600/- Above 630 kVA & including 1600 kVA, 11 kV / 33 kV Transformers (7 taps); Rs.549800/- Above 630 kVA & including 1600 kVA, 11 kV / 33 kV transformers (9 taps); Rs.625550/- Above 1600 kVA & including 2000 kVA, 11 kV / 33 kV Transformers(7 taps); Rs.635650/- Above 1600 kVA & including 2000 kVA,</p> | |

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| | | | <p>11 kV / 33 kV transformers (9 taps); Rs.717350/- Above 2000 kVA & including 2500 kVA, 11 kV / 33 kV transformers (7 taps); Rs.727550/- Above 2000 kVA & including 2500 kVA, 11 kV / 33 kV transformers (9 taps) Rs.122775/- Upto 100 kVA, 11 kV transformers (without taps); Rs.136350/- Upto 100 kVA, 33 kV transformers (without taps); Rs.155075/- Above 100 kVA & including 200 kVA, 11 kV transformers(4 taps); Rs.168650/- Above 100 kVA & including 200 kVA, 33 kV transformers (4 taps); Rs.170375/- Above 200 kVA & including 250 kVA, 11 kV transformers (7 taps); Rs.183950/- Above 200 kVA & including 250 kVA, 33 kV transformers (7 taps); Rs.197900/- Above 250 kVA & including 500 kVA, 11 kV transformers (7 taps); Rs.235450/- Above 250 kVA & including 500 kVA, 33 kV transformers (7 taps); Rs.284850/- Above 500 kVA & including 630 kVA, 11 kV transformers (7 taps); Rs.441550/- Above 500 kVA & including 630 kVA, 33 kV transformers (7 taps); Rs.295050/- Above 500 kVA & including 630 kVA, 11 kV transformers (9 taps); Rs.451750/- Above 500 kVA & including 630 kVA, 33 kV transformers (9 taps); Rs.449300/- Above 630 kVA & including 1600 kVA, 11 kV / 33 kV transformers (7 taps); Rs.459500/- Above 630 kVA & including 1600 kVA, 11 kV / 33 kV transformers (9 taps); Rs.552150/- Above 1600 kVA & including 2500 kVA, 11 kV / 33 kV transformers (7 taps); Rs.562350/- Above 1600 kVA & including 2500 kVA, 11 kV / 33 kV transformers (9 taps)</p> | |
| 8 | IS 1554(Part 1):1988 | PVC insulated (heavy duty) electric cables: Part 1 For working voltages up to and including 1100 V | <p>Excluding FRLS: Rs.102500/- for 1-core; Rs.135550/- for 2-core; Rs.168600/- for 3-core; Rs.201700/- for 4-core Including FRLS: Rs.189900/- for 1-core; Rs.222900/- for 2-core; Rs.256000/- for 3-core; Rs.289100/- for 4-core Including FR: Rs.170950/- 1-single core; Rs.203950/- for 2-core; Rs.237050/- for 3-core; Rs.270150/- for 4-core</p> | |
| 9 | IS 1554(Part 2):1988 | PVC Insulated (Heavy Duty) Electric Cables - Part 2 : for Working Voltages from 3.3 kV up to and Including 11 kV | <p>Excluding FRLS: Rs.173650/- for 1-core; Rs.364900/- for 2-core; Including FRLS: Rs.254300/- 1-single core; Rs.445550/- for 2-core</p> | |

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| 10 | IS 1651:2013 | Stationary Cells and Batteries, Lead-Acid Type (With Tubular Positive Plates) | Rs.1,58,850/- | ISS included w.e.f. 23/7/2018 |
| 11 | IS 1652:2013 | Stationary Cells and Batteries, Lead-Acid Type (With Plante Positive Plates) | Rs.1,58,850/- | ISS included w.e.f. 23/7/2018 |
| 12 | IS 1709:1984 | Capacitors for Electric Fan Motors | Rs.374450/- for Routine & Type tests (26 Nos.); Rs.14650/- for Routine tests (26 Nos.); Rs.359800/- for Type tests (26 Nos.) | |
| 13 | IS 2418 (Part-3):1977 | Tubular Fluorescent Lamps for General Lighting service – Part 3 – Dimensions of G-5 and G-13 Bi-Pin Caps | Rs.2,250/- | ISS included w.e.f. 23/7/2018 |
| 14 | IS 2418(Part-4):1977 | Tubular Fluorescent Lamps for General Lighting service – Part 4 – Go and no-go Gauges for G-5 and G-13 Bi-Pin Caps | Rs.6,750/- | ISS included w.e.f. 23/7/2018 |
| 15 | IS 2705(Part 1):1992 | Current Transformers - Specification Part 1 General Requirements | Rs.82400 /- (upto 36 kV rating with 1 ratio & 35 kA rms for 1.0 Sec) | |
| 16 | IS 2705(Part 4):1992 | Current transformers: Part 4 Protective current transformers for special purpose applications | Rs.5100/- | |
| 17 | IS 2993:1998 | A.C. motor capacitors | Rs.520000/- for Routine & Type tests (42 Nos.); Rs.12850/- for Routine tests (10 Nos. or part thereof); Rs.455750/- for Type tests (42 Nos.) | |
| 18 | IS 3024:2015 | Grain Oriented Electrical Steel Sheet and Strip | Rs.23500/- | |
| 19 | IS 7098(Part 1):1988 | Cross-linked polyethylene insulated PVC sheathed cables: Part 1 For working voltage up-to and including 1100 V | Excluding FRLS: Rs.109050/- for 1-core; Rs.126450/- for 2-core; Rs.151650/- for 3-core; Rs.173650/- for 4-core Including FRLS: Rs.196450/- for 1-core; Rs.213850/- for 2-core; Rs.239050/- for 3-core; Rs.261050/- for 4-core Including FR: Rs.177500/- 1-core; Rs.194900/- for 2-core; Rs.220100/- for 3-core; Rs.242100/- for 4-core | |

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| 20 | IS 7098(Part 2):2011 | Cross-linked Polyethylene Insulated Thermoplastics Sheathed Cables - Part 2 for Working Voltages from 3.3 kV up to and Including 33 kV | <p>PE sheathed: Rs.211800/- 1-core; Rs.425850/- for 3-core</p> <p>PVC sheathed: Rs.209250/- for 1-core; Rs.422050/- for 3-core</p> <p>FR PVC sheathed: Rs.270000/- for 1-core; Rs.482800/- for 3-core</p> <p>FRLS PVC sheathed: Rs.289900/- for 1-core; Rs.499600/- for 3-core</p> | |
| 21 | IS 7098(Part 3):1993 | Cross-linked polyethylene insulated thermoplastic sheathed cables: Part 3 For working voltages from 66 kV up-to and including 220 kV | <p>PE Sheathed, 66 kV: Rs.471150/- for cables up to 1000 mm²; Rs.510750/- for cables above 1000 mm² and up to 1600 mm²; Rs.624750/- for cables above 1600 mm² and up to 2500 mm²</p> <p>PVC Sheathed, 66 kV: Rs.480200/- for cables up to 1000 mm²; Rs.505800/- for cables above 1000 mm² and up to 1600 mm²; Rs.633800/- for cables above 1600 mm² and up to 2500 mm²</p> <p>PE Sheathed, 132 kV: Rs.1116950/- for cables up to 1000 mm²; Rs.1246950/- for cables above 1000 mm² and up to 1600 mm²; Rs.1531950/- for cables above 1600 mm² and up to 2500 mm²</p> <p>PVC Sheathed, 132 kV: Rs.1126000/- for cables up to 1000 mm²; Rs.1242000/- for cables above 1000 mm² and up to 1600 mm²; Rs.1541000/- for cables above 1600 mm² and up to 2500 mm²</p> <p>PE Sheathed, 220 kV: Rs.3275400/- for cables up to 1000 mm²; Rs.3487300/- for cables above 1000 mm² and up to 1600 mm²; Rs.3880900/- for cables above 1600 mm² and up to 2500 mm²</p> <p>PVC Sheathed, 220 kV: Rs.3444200/- for cables up to 1000 mm²; Rs.3528400/- for cables above 1000 mm² and up to 1600 mm²; Rs.3922000/- for cables above 1600 mm² and up to 2500 mm²</p> | |
| 22 | IS 9968(Part 1):1988 | Elastomer insulated cables: Part 1 For working voltages up-to and including 1100 V | Rs.142900/- for 1-core; Rs.261100/- for 3-core; Rs.320200/- for 4-core | |
| 23 | IS 9968(Part 2):2002 | Elastomer-insulated Cables - Part 2 : For Working Voltages from 3.3 kV up to and Including 3 kV | Rs.210050/- for 1-core; Rs.399750/- for 2-core | |

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| 24 | IS 12762(Part-1):2010 | Photovoltaic Devices – Part 1 – Measurement of Photovoltaic Current – Voltage Characteristics | Rs.5,000/- | ISS included w.e.f. 23/7/2018 |
| 25 | IS 13010:2002 | A.C. Watthour Meters, Class 0.5, 1 and 2 | Rs.181500/- for Type tests of 1-phase or 3-phase kWh meters (9 samples of same rating) | |
| 26 | IS 13314:1992 | Solid State Inverters Run from Storage Batteries | Rs.2,18,100/- | ISS included w.e.f. 23/7/2018 |
| 27 | IS 13340 (Part 1):2012 | Power Capacitors of Self-healing Type for Ac Power Systems Having Rated Voltage Up to 650 V | Routine tests: Rs.13850/- Type tests: Rs.170800/- for 1 - 4 kvar Rs.178800/- for 5 - 10 kvar Rs.233500/- for 11 - 30 kvar Rs.228200/- for 31 - 50 kvar Rs.537100/- for 51 - 100 kvar Routine & Type tests: Rs.184650/- for 1 - 4 kvar Rs.192650/- for 5 - 10 kvar Rs.217350/- for 11 - 30 kvar Rs.242050/- for 31 - 50 kvar Rs.550950/- for 51 - 100 kvar | |
| 28 | IS 13369:1992 | Stationary Lead-Acid Batteries (With Tubular Positive Plates) in Monobloc Containers | Rs.1,21,450/- | ISS included w.e.f. 23/7/2018 |
| 29 | IS 13585 (Part 1):2012 | Shunt Power Capacitors Of The Non -Self - Healing Type For ac Systems Having A Rated Voltage up to and Including 1 000 V--PART 1 General - Performance, Testing and Rating – Safety Requirements – Guide for Installation and Operation | Routine tests: Rs.13850/- Type tests: Rs.191700/- for 1 - 4 kvar Rs.194650/- for 5 - 10 kvar Rs.212050/- for 11 - 30 kvar Rs.229500/- for 31 - 50 kvar Rs.460750/- for 51 - 100 kvar Routine & Type tests: Rs.205550/- for 1 - 4 kvar Rs.208500/- for 5 - 10 kvar Rs.225900/- for 11 - 30 kvar Rs.243350/- for 31 - 50 kvar Rs.474600/- for 51 - 100 kvar | |
| 30 | IS 13703 (Part 2/ Sec1):1993 | Low-voltage fuses for voltages not exceeding 1 000 V AC or 1 500 V DC: Part 2 Fuses for use by authorized persons, Sec 1 Supplementary requirements | Rs.70250/- upto 200 A; Rs.76650/- upto 1000 A | |
| 31 | IS 13779:1999 | A.C. Static Watthour Meters, Class 1 And 2 | Rs.148500/- for Type tests of 1-phase or 3-phase whole(direct)connected meters (3 samples of same rating); Rs.261000/- for Type tests and DLMS Compliance test (Two communication ports) | |

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| 32 | IS 14255:1995 | Aerial Bunched Cables for working voltages up to and including 1100 Volts | Rs.51250/- (1ph + 1 bare mes); Rs.72550/- (1ph + 1 ins. Mes); Rs.98450/- (3ph + 1 bare mes); Rs.119750/- (3ph + 1 ins. mes); Rs.122050/- (3ph + 1 bare mes + 1 SL) Rs.143300/- (3ph + 1 ins. Mes + 1 SL) | |
| 33 | IS 14494:1998 | Elastomer insulated flexible cables for use in mines | LT cables: Rs.168450/- for 1-core; Rs.272250/- for 3-core; Rs.324150/- for 4-core; Rs.376050/- for 5.core; Rs.427950/- for 6-core; Rs.479850/- for 7-core HT cables: Rs.212900/- for 1-core; Rs.379600/- for 3-core; Rs.480050/- for 4-core; Rs.547600/- for 5.core; Rs.631600/- for 6-core; Rs.715600/- for 7-core | |
| 34 | IS 14697:1999 | A.C. Static Transformer Operated Watthour and Var-hour Meters, Class 0.2 S and 0.5 S | Rs.188800/- for Type tests of 3-phase LT CT operated meters (3 samples of same rating); Rs.301300/- for Type tests and DLMS Compliance test (Two communication ports) | |
| 35 | IS 15549:2005 | Stationary Regulated Lead-Acid Batteries | Rs.2,58,750/- | ISS included w.e.f. 23/7/2018 |
| 36 | IS 15959 (Part 1): 2011 | Data Exchange for Electricity Meter - Reading Tariff and Load Control - Companion Specification Part 1 Static Energy Meter | Rs.112500/- for compliance tests (Two communication ports) | |
| 37 | IS 15959 (Part 2): 2016 | Data Exchange for Electricity Meter Reading, Tariff and Load Control - Companion Specification Part 2 Smart Meter | Rs.100000/- for compliance tests : One communication port (Optical) Rs.30000/- for Communicability test | |
| 38 | IS 15959 (Part 3): 2017 | Data Exchange for Electricity Meter Reading, Tariff and Load Control - Companion Specification Part 3 Smart Meter (Transformer Operated) | Rs.100000/- for compliance : One communication port (Optical) Rs.30000/- for Communicability test | Included w.e.f. 28/9/2017 |
| 39 | IS 16102(Part-1):2012 | Self-Ballasted LED Lamps for General Services – Part 1 – Safety Requirements | Rs.25,000/- | ISS included w.e.f. 23/7/2018 |
| 40 | IS 16169:2014 | Test Procedure for Islanding Prevention Measures for Utility-Interconnected Photovoltaic Inverters | Rs.1,10,000/- up to 20 kW, Rs.1,40,000/- Above 20 kW- up to 50 kW, Rs.2,20,000/- Above 50kW - up to 100kW, Rs.3,20,000/- Above 100 kW- up to 200kW, | ISS included w.e.f. 23/7/2018 |
| 41 | IS | Secondary Cells and | Rs.2,78,100/- | ISS included |

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| | 16270:2014 | Batteries for Solar Photovoltaic Applications – General Requirements and Methods of Tests | | w.e.f. 23/7/2018 |
| 42 | IS 16444 (Part 1):2015 | A.C. Static Direct Connected Watthour Smart Meter Class 1 and 2 | <p>Rs.455800/- for all tests on 1-phase smart meter (4 samples of same rating) with UC1 category load switch*</p> <p>Rs.568800/- for all tests on 1-phase smart meter (8 samples of same rating) with UC2 or UC3 category load switch*</p> <p>Rs.548900/- for all tests on 3-phase smart meter (4 samples of same rating) with UC1 category load switch*</p> <p>Rs.722500/- for all tests on 3-phase smart meter (8 samples of same rating) with UC2 or UC3 category load switch*</p> <p>* Inclusive of Data exchange protocol, tests for smart meter communicability as per IS 15959 (Part 2)</p> | <p>Exclusion: Equipment Type Approval (ETA) of modules for WAN/NAN/IHD shall be approved by designated agency authorized by DoT (Cl.10.6.1). This is not part of testing</p> <p>Sub-contracting: 'Radio-interference Measurement' as per cl.5.5.5 of IS 15884:2010 sub-contracted to ETDC, Bangalore; 'Immunity to Electromagnetic HF Field' as per cl.5.5.3 of IS 15884:2010 to CPRI, Bhopal</p> |
| 43 | IS 16444 (Part 2):2017 | A.C. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S Part 2 Specification Transformer Operated Smart Meters | <p>Rs.318800/- for all tests on 3-phase smart meter (4 samples of same rating)</p> <p>Inclusive of Data exchange protocol and tests for smart meter communicability as per IS 15959 (Part 3)</p> | <p>Included w.e.f. 28/9/2017</p> <p>Exclusion: Equipment Type Approval (ETA) of modules for WAN/NAN/IHD shall be approved by designated agency authorized by DoT (Cl.9.5.1). This is not part of testing</p> |
| 44 | IS 16636:2017 | Automatic Power Factor Correction panel for voltage | <p>Temperature rise: Rs.75000/- for upto 200 kvar;</p> | Included w.e.f. 28/9/2017 |

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| | | ratings upto and including 1000V | Rs.100000/- for 201 - 600 kvar Di-electric properties: Rs.{6800/- x (6 + No. of stages in the panel)}; Transient over-current due to capacitor switching: Rs.8850/- per stage x No. of identical stages Verification of APFC feature: Rs.22000/- upto 200 kvar; Rs.25500/- for 201 – 400 kvar; Rs.29700/- for 401 – 600 kvar Other tests like SC, IP test etc: Depending on the design of panel | |
| 45 | IS/IEC 60898 (Part 1):2002 | Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations : Part 1 Circuit-breakers for ac operation | Test Sequence A: Rs.28200/-, Rs.30750/-, Rs.33300/-, Rs.35850/- for single, double, triple, four pole MCB respectively; Test Sequence B: Rs.210950/-, Rs.226250/-, Rs.246650/-, Rs.279800/- for single, double, triple, four pole MCB respectively; Test Sequence C1 : Rs.140100/-,Rs.150150/-, Rs.206250/-, Rs.219000/- for single, double, triple, four pole MCB respectively; Test Sequence C2 : Rs.55200/-, Rs.62850/-, Rs.108600/-, Rs.116250/- for single, double, triple, four pole MCB respectively; Test Sequence D0 + D1 : Rs.138400/-, Rs.152850/-, Rs.163050/-, Rs.170750/- for single, double, triple, four pole MCB respectively; Test Sequence E1 + E2 : Rs.106050/-, Rs.121350/-, Rs.141750/-, Rs.157050/- for single, double, triple, four pole MCB respectively | |
| 46 | IS/IEC 60947 (Part 2):2003 | Low-Voltage Switchgear and Controlgear - Part 2 : Circuit Breakers | Test Sequence I: Rs.185350/- for upto 200A; Rs.188550/- for 201 – 1000 A Test Sequence II: Rs.91650/- for upto 200A; Rs.94850/- for 201 – 1000 A Test Sequence III: Rs.64350/- for upto 1000A Test Sequence IV: Rs.107450/- for upto 200A; Rs.110650/- for 201 – 1000 A Test Sequence V: Rs.117650/- for upto 200A; Rs.120850/- for 201 – 1000 A Combined Test Sequence V: Rs.140700/- for upto 200A; Rs.143900/- for 201 – 1000 A | |

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| 47 | IS/IEC 60947 (Part 3):1999 | Low voltage switchgear and controlgear : Part 3 Switches, disconnectors, switch-disconnectors and fuse combination units | <p>Test Sequence I: Rs.111900/- for upto 1000 A (without impulse voltage rating); Rs.135900/- for upto 1000A (with impulse voltage rating);</p> <p>Test Sequence II: Rs.53800/- for upto 200A; Rs.57000/- for 201 – 1000 A</p> <p>Test Sequence III: Rs.66900/- for upto 200A; Rs.70100/- for 201 – 1000 A</p> <p>Test Sequence IV: Rs.66900/- for upto 200A; Rs.70100/- for 201 – 1000 A</p> | |
| 48 | IS/IEC 60947 (Part 4/Sec 1):2000 | Low-Voltage Switchgear and Controlgear - Part 4 : Contractors and Motor-Starters - Section 1 : Electromechanical Contactors and Motors-Starters | <p>Test Sequence I: Rs.21550/- for contractor upto 200 A (without impulse voltage rating); Rs.45550/- for contractor upto 200 A (with impulse voltage rating); Rs.71950/- for starter upto 200 A (without impulse voltage rating); Rs.95550/- for starter upto 200 A (with impulse voltage rating); Rs.24750/- for contractor upto 1000 A (without impulse voltage rating); Rs.48750/- for contractor upto 1000 A (with impulse voltage rating); Rs.75150/- for starter upto 1000 A (without impulse voltage rating); Rs.99150/- for starter upto 1000 A (with impulse voltage rating);</p> <p>Test Sequence II: Rs.94150/- for upto 1000 A</p> <p>Test Sequence III: Rs.103300/- for upto 1000 A</p> <p>Test Sequence IV: Rs.3550/- for upto 1000 A</p> <p>Test Sequence V: Rs.38800/- for upto 1000 A</p> | |
| 49 | IS/IEC 61683:1999 | Photovoltaic System – Power Conditioners - Procedure for Measuring Efficiency | Rs.65,000/- upto 5kVA; Rs.80,200/- Above 5kVA - upto 10 kVA; Rs.1,26,750/- Above 10kVA - upto 50 kVA; Rs.1,78,000/- Above 50kVA - upto 100 kVA; Rs.2,30,000/- Above 100kVA - upto 200kVA; | IS/IEC included w.e.f. 23/7/2018 |