

**Tender notice for the Annual Maintenance Contract for the Electrical Panels at State Data Centre 1 and State Data Centre 2**

Notice inviting Tender	Annual Maintenance Contract for the Electrical Panels at State Data Centre 1 and State Data Centre 2
Name of work	Annual Maintenance Contract for the Electrical Panels at State Data Centre 1 and State Data Centre 2
Tender Reference No.	SDC/4/2025-KSITM
EMD (Earnest Money Deposit)	Rs.1500/-
Tender fee (Non refundable)	Rs. 500/-
Last date of bid submission	19/06/2025
Date and time for opening of bids	20/06/2025
Bid validity period	3 months
Address for communication	Kerala State IT Mission (KSITM) Saankethika, near EPF Office, Vrindavan Gardens, Pottakkuzhi, Pattom.P.O, Thiruvananthapuram- 695004
Work Location	Kerala State Data Center 1, CO Bank Towers Palayam, Thiruvananthapuram, Kerala. PIN 695 033  Kerala State Data Center2, Tejaswini Building Technopark, Thiruvananthapuram, Kerala. PIN 695 582  Mob: 944768777, 0471 -2700720.

Kerala State IT Mission inviting tenders for Annual Maintenance for the Electrical Panels at State Data Centre 1 and State Data Centre 2. The sealed bid shall be submitted to "The Director, Kerala State IT Mission, Saankethika, near EPF Office, Pattom.P.O, and Thiruvananthapuram- 695004" on or before the last date mentioned above.

**The name of work and tender reference number must be clearly mentioned on the envelop cover by the bidder.**

## **I. Eligibility Criteria**

- 1) The bidder should have experience in carrying out Electric panel maintenance works in the last three years and the proof (Work order/Client Certificate) should be submitted along with the tender submission.
- 2) Minimum two work orders / Client Certificate should be submitted by the bidder.

## **II. Scope of Work**

The scope of work shall include the following:

1. Cleaning & Inspection:
  - Thorough cleaning of all electrical panels.
  - Cleaning of power terminals to ensure optimal conductivity.
  - Tightening of terminals to prevent loose connections.
2. Functional Testing & Servicing:
  - Conduct functional tests for each panel to verify operational integrity.
  - Servicing of all breakers and switches.
3. Electrical Testing & Preventive Maintenance:
  - Meagering (insulation resistance testing) of panels to assess electrical health.
4. Emergency & Breakdown Response:
  - Response to total failure of supply (KSEB and Generator) within 1 hour of reporting.
  - Attend normal complaints or breakdowns within 24 hours of reporting.
5. The selected bidder shall perform the maintenance tasks, within 30 days of awarding the work order. After the initial maintenance activity, bidder shall do the periodic maintenance activity after 6 months.
6. Bidder shall attend the complaint of total failure of supply (KSEB and Generator) within 1 hour from reporting.
7. Bidder shall attend the normal complaint/breakdown within 24 hours from reporting.

### III. List Of Devices

State Data Centre-1				
SL.No	COMPONENT	SPECIFICATION	QUANTITY	MAKE
1	Main LT Panel	800A 4P 50KA ACB	1No	L&T
		Digital Ammeter-DM3252	2No	Enercon
		Digital Ammeter	1No	Conzerve
		Digital Voltmeter- DM3256	1No	Enercon
		3 Ph, 4 Wire Electronic KWH METER	9Nos	CT-2E
		400A TPMCCB	4Nos	L&T
		200A TPMCCB	1Nos	L&T
		250A TPMCCB	2Nos	L&T
2	EB Incomer Panel	160A TPMCCB	1No	L&T
		800A 4P 50KA Set at 530A ACB	1No	L&T
		Hooter Electronics	1No	Shree Electronics
		Battery Charger Ammeter (0-30))	1No	AE
3	DG Control Panel	Battery Charger Voltmeter (0-30))	1No	AE
		800A 4P 50KA Set at 500A ACB	1No	L&T
		DG KWHM 3Phase Wire Electronic Energy Meter	1No	Cadel
		Combined Meter (KW/KVA/PF)	1No	Cadel
4	Duct AC & Cassette AC Panel	Combined Meter (KW/KVA/PF)	1No	Cadel
		Analog Voltmeter (0-600)	1No	Rishab
		Analog Ammeter (0-200) 125/5A , CL1 10VA	3Nos	Rishab
		125A TP MCCB	1No	L&T
5	150 kva UPS Output Panel (Standby )	100A TP MCCB	4Nos	L&T
		Analog Voltmeter (0-600)	1No	Rishab
		Analog Ammeter (0-500) 250/5A,CL1 10VA	3Nos	Rishab
		250A TP MCCB	1No	L&T
6	PAC Panel	100A TP MCCB	4Nos	L&T
		Digital VAF+PF METER	1No	L&T
		63A 4P MCB	12 Nos	L&T
7	90 kva UPS Input Panel	Digital Panel Meter (VEGA)	1No	L&T
		250A TP MCCB Spare	1No	L&T
		250A TP MCCB Set at 160A	1No	L&T
		400A 4P MCCB Set at 250A	1No	L&T
8	90 kva UPS Output Panel	Digital Panel Meter (VEGA)	1No	L&T
		400A 4P MCCB Set at 200A	1No	L&T

		100A 4P MCCB	4Nos	L&T
		100A 4P MCCB Spare	1No	L&T
9	<b>150 kva UPS Input Panel</b>	Analog Voltmeter (0-600)	1No	Rishab
		Analog Ammeter (0-500) 250/5A	3Nos	Rishab
		400A TP MCCB	1No	L&T
		320A TP MCCB	2 Nos	L&T
		160A TP MCCB	1 No	L&T
10	<b>150 kva UPS Output Panel</b>	Analog Voltmeter (0-600)	1No	Rishab
		Analog Ammeter (0-400) 200/5A	3Nos	Rishab
		250A TP MCCB	1No	L&T
		125A TP MCCB	2Nos	L&T
		100A TP MCCB	2Nos	L&T
11	<b>UPS DB</b>	100 A 4 Pole MCB Isolator (90kvaDB)	4Nos	Legrand
		100A 4P RCCB (60 kva DB)	2Nos	Legrand
		63A 4P Isolator (60 kva DB)	4Nos	Legrand
12	<b>Lighting Panel</b>	NA	1 Nos	Legrand
13	<b>6kva UPS Input/Output DB</b>	NA	1 Nos	NA
14	<b>Cassette AC DB</b>	NA	1 Nos	NA
15	<b>Split AC DB</b>	NA	1 Nos	NA
16	<b>BMS DB</b>	NA	1 Nos	NA
17	<b>Emergency Trip switch</b>	NA	3Nos	NA
18	<b>DG Change Over Switch</b>	NA	1 Nos	NA

### **State Data Centre-2**

SL.No	COMPONENT	SPECIFICATION	QUANTITY	MAKE
1	<b>Main LT Panel</b>	ACB-1000A	4 Nos	ABB
		MCCB-400A	3 Nos	ABB
		MCCB-320A	4 Nos	ABB
		MCCB-200A	2 Nos	ABB
		MCCB-100A	2 Nos	ABB
2	<b>160 kVA UPS Outgoing Panel 1 &amp; 2</b>	MCCB-250A	4 Nos	ABB
		SP 32A MCB	72 Nos	ABB
		4P 32A MCB	4 Nos	ABB
		16A SP MCB	38 Nos	ABB
3	<b>PAC Outgoing Panel 1 &amp; 2</b>	MCCB-400A	2 Nos	ABB
		MCCB-100A	12 Nos	ABB
4	<b>Sub Panel</b>	MCCB-200A	2 Nos	ABB
		MCCB-100A	1 No	ABB
		MCCB-63A	5 Nos.	ABB

5	<b>PAC Auto Changeover Switches</b>	125A	5 Nos	ABB
6	<b>20kVA UPS DB 1 (ELDB, Systems, BMS)</b>	NA	1 No	LEGRAND
7	<b>CAC DB</b>	NA	1 No	LEGRAND
8	<b>Raw Power DB</b>	NA	1 No	LEGRAND
9	<b>20kVA UPS DB 2 (Systems)</b>	NA	1 No	LEGRAND
10	<b>Lighting DB</b>	NA	1 No	LEGRAND
11	<b>Emergency Lighting DB</b>	NA	1 No	LEGRAND

#### **IV. Financial Bid**

Sl.No	Description	Amount (Incl Tax)
1	AMC for panels at State Data Centre 1 and State Data Centre 2	

#### **V. Payment Terms:**

1. 40% upon completion of the initial maintenance activity.
2. 40% after six months, subject to completion of the periodic maintenance.
3. The remaining 20% will be paid after the completion of the AMC period.
4. All payments will be made within 30 days of submission of valid invoices and maintenance report
5. GST will be paid by KSITM as per the prevailing rate at the time of invoicing.

#### **VI. Terms & Conditions**

1. The bidder may do a site visit to understand the scope of work prior to submit the bid.

2. KSITM will seek clarification from the bidder for the evaluation of bids and the decision taken by KSITM will be final. Any bid received after the time fixed on the due date is liable to be rejected.
3. Kerala State IT Mission reserves the right to reject any bid or re-tender or cancel the tender process without assigning any reasons what so ever and without incurring any liability to the bidder.
4. The site inspection may be carried out to assess the work and the works shall be done with utmost care and the bidder shall submit a work schedule. Any downtime requirement shall be communicated to KSITM in prior.
5. The bidder may communicate to [sdcbms.ksitm@kerala.gov.in](mailto:sdcbms.ksitm@kerala.gov.in) for any information related to this tender.
6. AMC details should be submitted by the bidder.
7. Earnest Money Deposit (EMD) and tender fee shall be submitted in the form of DD to Director, Kerala State IT Mission at the time of submission of bid. The bids will be rejected if the EMD is not submitted. MSME firms will be exempted from EMD and tender fee.

## **VII. Document check list**

<b>Sl No</b>	<b>Clause</b>	<b>Documents required</b>	<b>Compliance</b>
1	Work Experience Certificate	Work order/Client certificate to be submitted	Yes/No
2	Demand draft and tender fee in favor of Director, Kerala State IT Mission for the mentioned amount	Original Demand draft	Yes / No
4	Financial Bid as per section IV	Financial bid	Yes / No

Sd/-

**Director**