

GOVERNMENT OF MIZORAM
OFFICE OF THE SUPERINTENDING ENGINEER : P&ED
MIZORAM SLDC CIRCLE :P&E OFFICE COMPLEX
MIZORAM : AIZAWL

NOTICE INVITING TENDER NO.2 OF SLDC OF 2022 - 23

Dated Aizawl, the 10th May, 2022

No.T-20014/01/11-SE(SLDC)/46 : Superintending Engineer, Mizoram State Load Despatch Centre Circle, P&E Department, Government of Mizoram on behalf of the Governor of Mizoram, invites sealed tenders from reputed manufacturers or their authorized dealers affixing non-refundable court fee stamp worth Rs. 8.25 (Rupees eight and twenty five paise) only in case of non-tribal tenderers and valid house tax payee certificate in case of tribal tenderers for supply of **Accucheck** bids as per tender specification will be received upto 13:00 hrs on 3rd June 2022 and will be opened on the same date at 13:30hrs.

The detailed Tender Specification may be obtained from the office of the undersigned on payment of Rs.500.00 (Five hundred) only (Non-Refundable in the form of Bank Draft payable at State Bank of India, Dawrpui Branch, Aizawl drawn in favour of Superintending Engineer, Mizoram State Load Despatch Centre Circle. Bidders who purchase Detail Tender Specification shall only be eligible to submit the Tender.

Tender Documents and Earnest Money shall be submitted in separate envelopes superscribing tender and date of opening which will be received upto 12:00 hrs on 3rd June 2022, and shall be opened on the same date at 13:30 hrs in the presence of Tenderers.

Sd/- J.H. LAITHANGLIANA
Superintending Engineer, P&ED
Mizoram SLDC Circle, Aizawl

Dated Aizawl, the 10th May, 2022

Memo No. : T-20014/01/11-SE(SLDC)/46

Copy to :

1. The P.S to Hon'ble Chief Minister, Mizoram for favour of information.
2. The Commissioner & Secretary to the Government of Mizoram, P&E Department for favour of information.
3. The Engineer-in-Chief, Power & Electricity Department, with a request to post this notice in the official website of the department (soft copy of the notice enclosed). This has a reference to his letter nos T.37068/1/14-E-in-C(PM)/84 Dt 09.04.2021.
4. All Chief Engineers under P&E Department for favour of information.
5. All Superintending Engineers under P&E Department for favour of information.
6. All Executive Engineers under P&E Department for information.
7. The Director, Information & Communication Technology, Aizawl with a request to arrange publication of above tender notice in two (2) local newspapers in one issue each within 7 days. Bill in triplicate enclosing copy of the notice tear sheet may be submitted to the undersigned for making payment.
8. The Chief Informatics Officer, Department of Information and post this notice in the official website (soft copy of the notice enclosed).
9. Office Notice Board.

Superintending Engineer, P&ED
MizoramSLDC Circle, Aizawl.

Simplified NIT

NOTICE INVITING TENDER NO.2 OF 2022-2023

The Superintending Engineer, Mizoram SLDC Circle, P&E Department, Government of Mizoram on behalf of the Governor of Mizoram invites sealed tender for supply for Accucheck, which will be received upto 13:00 hrs on 03.06.2022 and opened at 13:30 hrs on the same date.

Details can be had from the office of the undersigned during office hours on any office working days and are also available at the website www.tender.mizoram.gov.in and www.power.mizoram.gov.in

Sd/-
(J.H. LAITHANGLIANA)
Superintending Engineer, P&ED
Mizoram SLDC Circle, Aizawl
North Block, Power House.

I. GENERAL TERMS & CONDITIONS :

- (i) **Tender Documents** :Tender documents shall be sold to the intending Tenderers who are authorized dealers only on receipt of Rs.500.00(Five hundred)only (non refundable) in the shape of demand draft/ Banker's cheque payable at any Branch of State Bank of India within Aizawl in favour of Superintending Engineer, Mizoram State Load Despatch Centre Circle, Aizawl.
- (ii) **Earnest Money** : The tenderers shall have to furnish **Earnest money, amounting to Rs.5000.00 (Five thousand)only** in the form of Bank Draft/Banker's Cheque from a scheduled Bank pledged in favour of the Superintending Engineer, Mizoram SLDC Circle, Aizawl ,Mizoram in a spate cover superscribing the Notice Inviting Tender (NIT) Number and Date of opening. Tribal Tenderers are allowed to submit Earnest Money for Half the amount.
- (iii) The bidder shall bid for the LT' and HT' accuchecks mentioned in the detail Technical Specifications. The said instruments must be for its latest version only as released by OEM at that time. The make and model must be clearly stated by the bidder if applicable in the technical bid/price schedule.
- (iv) The bidder shall provide Accucheck BCS installable software in C.D with accucheck BCS manual.
- (v) The bidder shall furnish a compliance statements of specifications and features of offered items in the technical bids.
- (vi) For a bidder, who submitted the tender bids, it will be automatically assumed that he had accepted all the terms and conditions of the tender.

II. TECHNICAL SPECIFICATIONS :

- (i) The Accucheck LT' and HT' shall be able to perform the following functions:
1. Tri-vector Energy measurement (e.g. Wh, VARh lag, VARh lead and Vah).
 2. Display of instantaneous electrical parameters (updating every second).
 3. Display of calculated error of meter being tested (in 0.01% resolution).
 4. Storage of 200 tests data in its Non-Volatile Memory.
 5. RS 232 interface for connection to a PC or printer.
 6. Maintain Real Time (in built RTC).
 7. Dosage testing.
- (ii) Following accessories shall be supplied along with Accucheck. They should be kept in the appropriate pockets, inside the top cover for easy storage, carrying and handling.
1. A snap-switch with cord.
 2. Voltage connecting cord RED, YELLOW, BLUE and of BLACK color with injection type clips.
 3. Earthing (grounding) cord of GREEN color with crocodile clip.
 4. Communication cord, 9-pin female (PC end) to 9-pin male (Accucheck end).
 5. Set of three Clamp on CTs of R, Y & B phase with flexible coiled cord and circular male 8-pin connector with AccucheckLT+.
 6. Insulated current cable with circular male 6 pin connector (of 1A) for current connector.
 7. Converter cable link for connecting current cable on 5A circular female connector (to enable use of same current cable on 5A range).
 8. Optical scanner head with mounting clamps.
 9. Meter communication cord(9-pin male D port at one end & PACT port at the other end).
 10. Dosage Port.
 11. Adapter to power up the equipment in the office (input 240 V AC, 50HZ,output 240V for LT + model and 63.5 v for HT+ mode

III QUARANTEED TECHNICAL PARTICULARS FOR PORTABLE LT/ HT ACCUCHEK AGAINST SPOT QUATATION NO 2 OF 2022-2023

Sl.No	Technical Specification Requirements		Bidder's Offer
1	a) Makers name and country & works address. b) GST registration No.	Please specify manufacturer name & works address.	
2	Type of Meter	Please specify model number and attach product literature /broucher.	
3	Accuray Class	Class 0.1 Direct mode and 0.25with clamp on Mode (split core error compensated current transformer) for Active Reactive and Apparent Energy .	
4	Voltage Range	To be defied	
5	Current Range	To be defied for both measuring mode	
6	Current rating of Clamp on CT	Please specify the rating of clamp on CT	
7	Parameters Displayed	<p>Instantaneous Parameter</p> <ol style="list-style-type: none"> 1. Real time & Date 2. Instantaneous Voltage of each phase for 4-wire and line voltage for 3 wire 3. Instantaneous line current of each phase 4. Instantaneous active and reactive current of each phase 5. Instantaneous Power Factor of each phase & total power factor 6. Instantaneous Frequency Simultaneous display of Active, Reactive and Apparent load 7. Phase sequence 8. Active, Reactive (Lag & Lead) and Apparent Energy 9. Continuous update of Active, Reactive (Lag & Lead) and Apparent Energies on display <p>Instantaneous Parameter</p> <ol style="list-style-type: none"> 1. Active Energy 2. Reactive Energy (Lag/Lead) 3. Apparent Energy 	

8	Display Resolution	<ol style="list-style-type: none"> 1. Voltage-0.00 Volt 2. Current 0.00 Amp 3. Frequency 0.00HZ 4. Individual Power Factor - 0.000 for all ranges 5. Average 3-phase,power factor 0.000 for all ranges. 6. Instantaneous Load (KW, KV Ar/KVA) 0.000 7. Energy Wh/VARh/Vah- 0.000 for all ranges 8. % Error Resoluton-0.00 	
9	Connection check	<ol style="list-style-type: none"> 1. Missing Current 2. Missing Potential 3. Reverse current if any current is reverse 4. Accidental connection of both types of measurement modes. 5. Phase Association 6. Phase Sequence (Forward or Reverse) 7. Over Voltage 8. Over Current 	
10	Type of Display	Graphical Display	
11	Interfaces	<ol style="list-style-type: none"> 1. USB/RS232 connector for connecting to the PC 2. Scanning Head switch to count pulses 3. Remote snap switch to count pulses 	
12	Memory	Minimum 150 test result	
13	Parameters to be logged in memory during each test	<ol style="list-style-type: none"> 1.Date & Time stamp 2. Serial No.of the MU I 3. Consumer identification 4. Meter constant of the MU I 5. No. of Test Revolutions Pulses for which test is being carried out 6. PT Ratio (as the case may be) 7.CT Ratio (as tha case may be) 8. Instantaneous voltage of each phase. 	

		<p>9. Instantaneous line current of each phase</p> <p>10. Instantaneous Frequency</p> <p>11. Instantaneous Power Factor of individual phase and total P.F</p> <p>12. Energy logged by equipment (Active Reactive & Apparent)</p> <p>13. Instantaneous Load in KW, KVA & KVAr</p> <p>14. Test Duration</p> <p>15. Percentage Error of Active, Reactive(Lag/Lead) Apparent Energy</p>	
14	Scanning head	Common foe rotor mark & LED? LCD pulses tp sense pulses up to 200HZ	

IV. PRICE SCHEDULES :

The Quotationer/tenderer shall submit their offer rates as per price schedules as below :

PRICE SCHEDULES

Name of Work : Improvement of system meters of 132Kv Sub Stations I Mizoram

Sl.No	Description	Unit	Qty	Unit Rate supply(Inclusive of GST etc)	Total Amount
1	2	3	4	5	6
1	Supply of Secure Meter LTD make LT Accucheck with error calculator for checking the accuracy of electricity meter and suitable for checking error of LT, CT operated 3x 240 Volt meters of 1A and 5A ranges and direct current meters using clamp on CT. The accuracy shall be supplied with accessories as mentioned in the above technical specifications.	No	1		
2	Supply of Secure Meter Ltd make HT Accucheck with error calculator for checking the accuracy of electricity meter and suitable for checking errors of 2x110 Volt(3phase- 3wire) meters and 3x63.5 Volt(3phase- 4wire) meters of 1A and 5A current ranges. The accuracy class shall be 0.2s. The Accucheck shall be supplied with accessories as mentioned in the above technical specifications.	No	1		

Name of Quotationer/ Tenderer

Signature:

