

E-Tender Document

for

Supply of Airless Digital Hydrostatic Pressure

Testing Machine with six stations

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CIPET: CENTRE FOR SKILLING AND TECHNICAL SUPPORT (CSTS)

Dept. of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India

437/A, Hebbal Industrial Area, Mysore-570 016



↗ ↘ ↖ : fx.Mh] psUuS&600 032 Head Office: Guindy, Chennai – 600032

Qksu%/Phone: +91-821-2510618 bZ&eSy% /E-mail : mysore@cipet.gov.in ⇒ ↑ ↗ ↘ /

Website : www.cipet.gov.in

E-Tender No: CIPET: CSTS/MYS/Testing-HPT/21-22/01 Dated: February 1, 2022

Last Date of Submission: February 22, 2022 up to 15.00 hrs.

Notice for Inviting E-Tender

CIPET: CSTS, Mysuru invites online Tenders from Reputed Suppliers / Manufacturers / Authorized Dealer & Distributors for Supply of Hydrostatic Pressure Tester in two Bid Systems (Part 1 Technical and Part 2 Financial) as per the standards, details and specification.

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Important Information and Dates

Sl. No

Description

Details

1

Purchaser

CIPET: CSTS, MYSURU

2

Tender No

Dated: February 1, 2022

3

Online Tender submission of bid

[www. CIPET:CSTS/MYS/Testing-](http://www.CIPET:CSTS/MYS/Testing-)

HPT/21-22/01 tenderwizard.com/CIPET

4

Online Tender information available at

[www.cipet.gov.in /](http://www.cipet.gov.in/)

5

E-Tender Fees (including GST)

Rs. 590/-

(Five Hundred and Ninety only)

6

Earnest Money Deposit EMD (in Rs.)

Provide Bid Security Declaration in
prescribed format

7

Security Deposit (in Rs.)

Rs.30,000/- (Rupees Thirty Thousand Only)

8

Service to be offered

Supply of Digital Hydrostatic Pressure
Tester

9

Estimated cost of tender

Rs. 6,00,000/- (Rupees Six Lakhs Only)

10

Date of E-Tender Publication

01.02.2022

11

Date and Time of Issue or download

Tender

22.02.2022, 10.00 Hrs onwards

12

Last Date and Time for Submission of

Tender

22.02.2022 up to 15.00 Hrs

13

Date, Time and place of opening of
Technical bid

22.02.2022 up to 15.30 Hrs

CIPET:CSTS, Mysuru

14

Date and Time of opening of Financial
bid

Opening of financial bid date, time, and
venue will be conveyed to the technically
qualified tenderers by over phone/mail.

15

Bank Details of CIPET: CSTS,
Mysuru

Account No. : 30759381669

Bank Name : State Bank of India

Bank Address : State Bank of India, No.
391, 1

st

Stage, Hebbal Industrial Area,

Mysuru – 570 016

ISFSC Code : SBIN0006555

E-Tender No: **CIPET: CSTS/MYS/Testing-
HPT/21-22/01 Dated: February 1,
2022**

The prescribed Tender Form containing the details may be viewed/download website
www.tenderwizard.com/CIPET,

www.cipet.gov.in

up to 22.02.2022

, at 15.00 Hrs. The Tender Fee and

EMD will be accepted through Online Transfer RTGS/NEFT to State Bank of India “

CIPET:CSTS, Mysuru

Current

A/c. No. 30759381669 Bank Name : State Bank of India ISFSC Code : SBIN0006555

The online bidding documents (Technical bid, EMD and Financial bid) duly filled as per the instructions
of

the e-tender document online latest by 15.00 hrs on 22.02.2022 and

offline tender document shall not be

accepted and such tender may be treated as rejected.

The Tender-bidders have to quote only online bid (Part 1 Technical and Part 2 Financial) providing
Technical

Bid shall be opened on 22.02.2022 at 15:30 hrs in the presence of Tender Committee Members in Admin
Department. The Institute reserves right to reject any or all the tenders without assigning any reasons,
thereof.

The tender documents giving full details, terms and conditions can be downloaded from Web Site
www.tenderwizard.com/CIPET, www.cipet.gov.in. The offers to submit online shall contain the
following.

Content of Bidding Documents

List of Documents to be uploaded online

1. Tender fess transferred to

CIPET:CSTS, Mysuru

Current

A/c. No. 30759381669

Bank Name : State Bank of India ISFSC Code: SBIN0006555

2. Profile of the bidder on the letter head.

3. Name of the owners/partners/director of the firm/company /corporation and their addresses.

4. License copy of registration of the firm /company.

5. Copy of registration.

6. Copy of GST, PAN, PF and ESIC registration.

7. Work order for similar work in the last 3 years.

9. Name and addresses of bankers with whom the account is maintained.

10. Balance sheet with Income Tax Returns for the last 3 years

(2018-19, 2019-20 and 2020-2021)

.

11. Number of disputes arises with clients, reasons of disputes and present status of disputes of detail.
(On company letter head)

Financial Bid Details - As per online Schedule

Price bid of the tenderers, whose Tender cost, EMD and Technical bid found in order shall be opened.
The

financial bids of the tenderers, who have been found qualified by the tender conditions shall be opened.

Committee Members and

Head, CIPET: CSTS, Mysuru reserves all right regarding enhance or reduce the

work and to cancel the entire tender or any tender without assigning any reason thereof. Conditional
Tender

will not be accepted.

Note: The Tenderers are requested to go through the instructions carefully and complete all formalities as required and submit along with bid.

Director & Head,

CIPET: CSTS, MYSURU

INSTRUCTIONS TO BIDDERS

(A) Introduction

Central Institute of Petrochemicals Engineering & Technology (CIPET) – under the Dept. of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India is an ISO 9001:2008 Certified, BIS Recognized, ISO/IEC: 17025-2005 (NABL) and ISO/IEC: 17020-2012 (NABCB) accredited institution focusing on STAR (Skill Training, Technology Support Services, Academic and R & D activities) concept for the benefits of Govt. organizations & industries in the country. CIPET is operating around 42 centers across the nation.

CIPET:CSTS, Mysuru has established its extension centre in the heritage city Mysore in the state of Karnataka in the year 1991 with the objective of providing Technical education and Technical support services in the field of Plastics. CIPET Mysuru has fully functioning Departments Design, CAD/CAM, Processing, Toolroom and Testing under one roof and committed to provide state of the art Technical support services and Consultancy thereby providing quality education to the students as per the requirements of Plastics and Allied Industries.

CIPET : CSTS - Mysuru Centre is ISO 9001:2015 certified for Training and Technical Services and our Plastics Testing Centre is accredited by NABL for ISO 17025 : 2005 QMS & ISO 17020 and recognized by Bureau of Indian Standards (BIS).

CIPET : CSTS - Mysuru is presently conducting Long Term Courses and also short duration programs in Plastics Processing / Injection Moulding / Extrusion / CNC Milling / CNC Lathe etc., Also our CAD department is conducting various specialized training on CAD Software's.

We are playing vital role to create skilled and technically trained manpower in the field of Plastics Technology by the following Long Term Courses:

ACADEMIC PROGRAMS:

Considering the growth of Plastic Industries in Karnataka, development of Plastics & Allied Industries and expansion of existing plastics & allied industries in and around Mysuru demand for the trained manpower is ever increasing in Karnataka. In order to meet the same the following Long Term Courses approved by AICTE are being conducted at CIPET: CSTS - Mysuru.

(B) The Bidding Documents

Content of Bidding Documents

The Bidding Documents include;

- (a) Instruction to Bidders;
- (b) Terms and Conditions of Contract;
- (c) Schedule of Requirements;
- (d) Technical Specifications & Compliance Sheets;
- (e) Manufacturer's Authorization Form;
- (f) Bid Form and Price Schedules;
- (g) Contract Form;
- (h) Performance Security Form;
- (i) Deviation Statement;

The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all information required by the Bidding Documents or submission of a bid not substantially responsive to the Bidding Documents in every respect will be at the Bidder's risk and may result in rejection of the bid.

Amendment of Bidding Documents •

At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at their own initiative or in response to a clarification requested by a prospective bidder, modify the Bidding Documents by amendment.

In order to afford prospective Bidders reasonable time in which to take the amendment into account in preparing their bid, the Purchaser may, at their discretion, extend the deadline for the submission of bids

(C) Eligible Criteria for Bidders:

Audited Balance sheet for the last 3 years

Up-to-date IT returns for the last 3 years, PAN Card, GST Registration Certificate.

The Bidders must have satisfactorily supplied & completed installation of similar type of Instrument at-least 02 nos. in any Govt. Organizations/PSU/Corporate Sectors during the last 5 years. The Certificate in support / credentials of that from the user must be attached. The Customer Feed Back Certificate must be enclosed.

Self-declaration on NO PENDING LITIGATION.

The vendor shall have local service and application office and infrastructure to attend visit within 48 hours.

The vendor should furnish details of customers in India.

The bidders shall give a list of his relatives working with the CIPET along with their designations and addresses.

(D) Terms & Conditions:

Taxes: All taxes, duties, packing, forwarding & installation have been included in the quoted rate.

Application Fee Rs.590/- (Including GST)

EMD: Nil

Performance Security: 5% of the Purchase Order value shall be submitted by the party towards performance security within 07 days of receipt of Purchase Order in the form of Demand Draft/NEFT/RTGS/Bank Guarantee. The Performance Security will be refunded after warranty period is over. DD shall be drawn in favour of 'CIPET:CSTS, Mysuru' payable at Mysuru

Warranty / Guarantee: The Instrument should be covered under 1 year warranty / guarantee from the date of installation and commissioning.

Return of Security deposits by the bidder shall be returned without any interest.

Delivery Period: Supplier should be delivered the instrument within 02 weeks from the date of receipt of Purchase Order, failing which liquidated damage @ 0.5% per week shall be deducted from the final payment, for each week of delay beyond the delivery period upto maximum of 2%.

Payment: 100% after supply & successful installation, commissioning & Training as per our Technical Specifications & subject to fulfillment of other terms & conditions of the e-Tender documents.

Place of delivery:

CIPET: CENTRE FOR SKILLING AND TECHNICAL SUPPORT (CSTS)

437/A, Hebbal Industrial Area, Mysore-570 016

The Bidder shall provide the Bank accounts details along with Scanned copy of cancelled cheque for onward transaction.

The vendor should have technical support in the area of application and service available within the country.

In case of any up-gradation of software then the same should be provided free of cost by the supplier/manufacturer.

Power and receptacle/socket as per Indian Standards should be provided.

Appropriate tool box/kit for routine maintenance should be provided with the equipment

On-site (at CIPET: CSTS, Mysuru) installation, demonstration and training for system operation and maintenance as well as application support should be provided by the vendor at its own cost.

Tenders should specify & provide all mandatory and other accessories required for installation, commissioning and running the machine.

The repairing/rectification/replacement/configuration required, if any, of the items under warranty must be done at CIPET: CSTS, Mysuru by the bidder.

The Annual Maintenance Charges (AMC) should be quoted separately, which should not be quoted in the Price Bid.

The supplier should mention the model & make against the Instrument.

Spares: The supplier must confirm in writing that the spares for the instrument will be available for a period of at least 05 (Five) years after the Instrument supplied.

Bid document: The vendor should read the e-Tender documents carefully before quoting. It shall be deemed that the vendor has gone through the documents carefully and has understood its implication.

Technical bid: The Technical Bid should accompany with full technical literature, leaflets of the technical features of the Instrument must be submitted for evaluation.

Declaration: The bidder should attach a self-declaration statement that he is not debarred/ blacklisted or banned from any Central Government / PSU / State Govt. / any Corporate Sector.

Manual: Complete set of service manual for diagnostics, trouble shooting and maintenance along with electronic circuit diagram (in English) – hard and soft copy should be provided with the instrument

The e-Tender, submitted by the Bidder who have already been declared as Black Listed or whose contract was terminated for dissatisfactory supply or who was unable to supply any Institute/Organization run by the State / Central Government / PSU / Corporate Sectors will not be considered even his being the lowest rate.

The Bidder should provide relevant documents regarding the Partnership Firm/Public/Pvt. Ltd. Company/Cooperative society.

Pre-Requisites

Pre-installation requirements indicating details of power requirement, utility air, water, ventilation, safety device, if any, along with the foundation requirement needed for installation & commissioning should be provided prior to supply of Machine.

Appropriate tool box/kit for routine maintenance should be provided with the equipment

All documents (i.e. operating & service manuals, drawings etc.) and original software's relevant to the instrument and its accessories must be supplied.

Power and receptacle/socket as per Indian Standards should be provided.

The vendor shall attend by visit within 48 hours of need.

Training

Training at vendor site and onsite for system operation and maintenance as well as application support should be provided by the vendor at its own cost.

Prices quoted should be on Delivered Duty Paid (DDP) basis to CIPET:CSTS, Mysuru

Any legal disputes subject to Mysuru, India jurisdiction only

Delivery and Documents

(a) For Imported Goods

Original and three copies of Supplier's invoice showing Goods description, quantity, unit price, total amount.

Original and three copies of the negotiable clean, on –board bill of lading marked freight prepaid and three copies of non-negotiable bill of lading.

Five Copies of packing list identifying contents of each package.

Insurance Certificate.

Manufacturer's /Supplier's guaranty certificate.

Traceable Calibration Certificate issued by Accredited Calibration agency and Certificate of Origin.

(b) For Domestic Goods:

Original and Three copies of:

Copies of the Supplier invoice showing Goods description, quantity, unit price, total amount.

Railway receipt /Acknowledgement of receipt of goods from the consignee(s);

Manufacturer's /Supplier's guarantee Certificate;

Traceable Calibration Certificate issued by Accredited Calibration agency,

Certificate of origin and

Document evidence for GST Registration /Octroy etc., wherever applicable, bearing seal of office of issue indicating payments made extra.

The above documents shall be received by the Purchaser before arrival of the goods (except where the goods have been delivered directly to the consignee with all documents) and if not received, the supplier will be responsible for any consequent expenses.

Warranty/Guarantee

The Supplier warrants that the Goods supplied under this Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except insofar as the design or material is required by the Purchaser's Specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied Goods in conditions obtaining in the country of final destination.

This warranty/guarantee shall remain valid for 12 months after the Goods or any portion thereof as the case may be, have been delivered and Commissioned at the final destination indicated in the Contract.

The Purchaser shall promptly notify the Supplier, in writing, of any claims arising under this warranty.

Upon receipt of such notice, the Supplier shall, with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Purchaser.

If the Supplier, having been notified, fails to remedy the defect(s) within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

The Supplier must provide the following warranties:

- (a) The equipment proposed is Complete in everyway
- (b) The hardware/software specification, Capabilities and performance characteristics are as stated in the bidder's proposal and accompanying documentation.
- (c) The supplier will offer to the Purchaser all technological updates, cost reductions and facilities, which are offered to other clients, in India, during the Contract tenure.

If the supplier is acting directly for the manufacturer of the Goods and Services, the Manufacture must honor these guarantee.

The MAINTENANCE SERVICE shall be as follows.

- (a) Free maintenance services shall be provided by the Supplier during the period of warranty.
- (b) The maximum response time for maintenance complaint from any of the destination specified in the Schedule of requirements (i.e. time required for supplier's maintenance engineer to report at the installation after a request call/email is made or letter is written) shall not exceed 24hours.

Liquidated Damages:-

If the Supplier fails to deliver any or all of the goods within the time period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the contract, deduct form the Contract Price, as liquidated damages, a sum equivalent @ 0.5% per week shall be deducted from the final payment, for each week of delay beyond the deliveryperioduptomaximumof2%ofthedelayedgoodsorservicesContractprice.

Once the maximum is reached, the purchaser may consider termination of the contract

(E) Preparation of Bids

1. Bid Form

The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the Bidding Documents, indicating for the goods to be supplied, a brief description of the Goods, their country of origin, quantity and prices

2. Agents and service facilities in India:

If a foreign bidder has engaged an Indian agent, it will be required to give the following details in the offer:

- (i) The name and address of the local agent;
- (ii) What service the agent renders; and
- (iii) The amount of remuneration for the agent included in the offer

3. Documents establishing Bidder's Eligibility and Qualifications

The Bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.

The documentary evidence of the Bidder's qualifications to perform the Contract if its bid is accepted, shall establish to the Purchaser's satisfaction:

- (a) In the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods manufacturer or producer to supply the goods in India.

- (b) In the case of a Bidder not doing business within India, the Bidder is or will be (if successfully represented by an agent in India) equipped and able to carry out the Supplier's maintenance, repair and spare-parts stocking obligations prescribed by the Conditions of the Contract and / or Technical Specifications
- (c) The Bidder has the financial, technical, and production capability necessary to perform the Contract and meets the criteria outlined in the qualification criteria specified as per the Tender norms.

4. Period of Validity of Bids

Bids shall remain valid for 120 days after the date of bid opening prescribed by the Purchaser. A bid valid for a shorter period may be rejected by the Purchaser as non-responsive.

5. Submission of Bids

i) The detailed technical specification of the equipment is enclosed in Bid document, Offer should be of two parts Viz., "TECHNICAL BID" and "COMMERCIAL BID" The content of the both bids should be asunder;

(a) TECHNICAL BID should include the following:-

Detailed specification of the base equipment (Product Make & Model) along with the specification of accessories, which are included in the Base unit.

Scope of supply

Deviation Statement

Product Literature/Brochure

Proforma for Performance Statement

Qualification Criteria

List of spare parts included (without quoting the price) (the acceptance and rejection of spare parts will be at sole discretion of CIPET:CSTS. Mysuru,

List of optional accessories with their technical specification. (without quoting the price)

Manufacturer's Authorization Form

Bid Form

Any other information which the bidder would like to state about the technically of the equipment.

(b) COMMERCIAL BID should include the following:-

Statement showing the price of the each items of spare parts which is mentioned in the Technical Bid

Conditional bids will not be accepted. The condition laid down by CIPET:CSTS, Mysuru is final and binding on all bidders.

The quote should be in Indian Currency (INR).

CIPET:CSTS, Mysuru reserves the right to accept or reject any or all tenders either in part or in full without assigning any reasons thereof.

The bids, which are not containing the statements, mentioned in 5 (i) (a) & (b) are liable to be rejected.

The proforma of Annexures in the Bidding document wherever necessary, should be typed on the bidder's letter head and upload the same.

Price Schedule should be submitted in the prescribed format given underprice schedule of the Bidding Document.

The Deviation Statement enclosed should be duly filled in and submitted along with Bidding Document. If the bidder is offering more than one options/models a separate Deviation statement for each of such quotes should be submitted along with the offer.

Quotes received without price schedule and deviation statement as per our prescribed format will summarily be rejected.

Relaxation of Norms for Startup and Micro & Small Enterprises in Public Procurement on Prior Experience – Prior Turnover Criteria.

Deadline for Submission of Bids

The Purchaser may, at its discretion, extend this deadline for submission of bids by amending the Bid Documents, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the dead-line as extended.

6. Evaluation and Comparison of Bids

The Purchaser will evaluate and compare the bids previously determined to be substantially responsive.

The availability in India of spare parts and after-sales services for the equipment offered (imported goods) – in the bid; (the inclusion of cost of spare parts for comparison as per requirement will be at sole discretion of CIPET: CSTS, Mysuru. Also CIPET:CSTS, Mysuru reserves right to accept any bid and to reject any bid or all bids.

(F) Award of Contract

Post Qualification

The Purchaser will determine to its satisfaction whether the Bidder selected as having submitted the lowest evaluated responsive bid is qualified to satisfactorily perform the Contract.

The determination will take into account the Bidder's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder as well as such other information as the Purchaser deems necessary and appropriate.

An Affirmative determination will be a prerequisite for award of the Contract to the Bidder. A negative determination will result in rejection of the Bidder's bid.

Purchaser's right to vary Quantities at Time of Award

The Purchaser reserves the right at the time of award of Contract to increase or decrease of the quantity of goods and services specified in the Schedule of Requirements without any change in price or other terms and conditions.

Purchaser's Right to accept any Bid and to reject any or All Bids

The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidders or Bidders of the grounds for the purchaser's action.

MANUFACTURER'S AUTHORIZATION FORM

No.....dated.....

To

CIPET : CSTS

437/A, Hebbal Industrial Area,

MYSURU – 570 016

Dear Sir

Ref: Bid Reference

We who are established and reputable
manufacturers ofhaving factories at

.....and.....do hereby authorize

M/s.....

M/s.....

M/s.....etc. (Name and
address of Agents) to bid and conclude the contract with you against the above Bid are authorized
to bid and conclude the contract in regard to this business against this specific Bid.

We hereby extend our full guarantee and warranty as per the Terms and Conditions of Contract for
the goods offered for supply against this invitation for bid by the above firms.

Yours sincerely,

(Name)

for and on behalf of M/s.....

(Name of Manufactures)

Note: This letter of authority should be on the letterhead of the manufacturing concern and
should be signed by a person competent and having the power of attorney to bind the
manufacturer

To:

PERFORMANCE SECURITY FORM

Central Institute Of Petrochemicals Engineering & Technology,
CIPET : CENTRE FOR SKILLING AND TECHNICAL SUPPORT (CSTS)
437/A, Hebbal Industrial Area, Mysuru – 570 016.

WHEREAS..... (Name
of Supplier)

Hereinafter called “the Supplier” has undertaken, in pursuance of Notification of Contract
No..... dated, 20..... to supply

..... (Description of Goods and Services) hereinafter called “the Contract”.

AND WHEREAS it has stipulated by you with a Bank Guarantee by a recognized bank for the sum
specified therein as security for compliance with the Supplier’s performance obligations in
accordance with the Contract. AND WHEREAS we have agreed to give the Supplier a Guarantee:
THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the
Supplier, up to a total of (Amount of the Guarantee in Words and Figures) and we undertake to
pay you, upon your first written demand declaring the Supplier to be in default under the Contract
and without cavil or argument, any sum or sums within the limit of (Amount of Guarantee) as
aforesaid, without your needing to prove or to show grounds or reasons for your demand or the
sum specified therein.

This guarantee is valid until the.....day of 20.....

Signature and Seal of Guarantors

.....
.....

Date

Address:.....



CIPET सि पी ट
probe • perform • practice • Plasti

PROFORMA FOR PERFORMANCE STATEMENT

(for Simple Goods/equipment for a period of last three years)

Bid No.....Date of
opening.....Time.....Hours

Name of the

Firm.....
.....

Order placed

Order No

Description and quantity

Value of

Remarks indicating
Has the
By
and date
of ordered equipment
order
Date of completion of delivery
reasons for late
equipment been
(Full address of
As per Contract
Actual
delivery, if any
satisfactorily
Purchaser)
functioning?
1
2
3
4
5
6
7
8
Signature and seal of the Bidder

PROFORMA FOR DEVIATION STATEMENT

Bid Ref No. Date of Opening Time :

Name of the Firm

Name of the Equipment quoted

Model No.:

Purchaser's Specification Bidders Specification Deviation, if any Justification Remarks

Note : Separate Deviation statements should be submitted along with the bid for all models / alternative quotes.

Note :- Further if any e-Tender queries please contact the following officials of e-tender wizard:

Sl. No.

Name of the Official

Contact

Number

e-mail ID

01.

Mrs. I Bhuvaneshwari

8124489163

mysore@cipet.gov.in

02.

Mr. R. Judson Pray Chellam

9840827271

mysore@cipet.gov.in

CIPET:CSTS, Mysuru reserves the right to accept or reject any or all tenders either in part or in full without assigning any reasons thereof

Technical Specifications

1. Digital Hydrostatic Pressure Tester

Sl.

No

PARAMETERS

SPECIFICATION

1

Make / Model

:

Bidder to specify

2

Purpose

:

For pipe testing

3

Applicable standard

:

IS: 4985, IS 4984, IS 12786, IS 15778, IS 16647 and other applicable standards like ISO, BS, ASTM

4

Pressure range

:

0. - 149.99 kg/cm

2

5

Time totalizer

:

Pressure controller with inbuilt digital programmable time totalizer in all station with range and resolution of 0 – 999.9 / 0 -9999 hours.

6

Number of stations

:

6 (SIX) With 18 Outlets

7

Pressure input

:

High pressure pump to develop the pressure to six stations

8

Pressure output

:

Air less motorized pumping stations is provided to build the pressure very fast.

9

Pressure Control

:

Six nos. of Digital Pressure controllers

10

Microcontroller

:

Indicating and controlling pressure

:

Range: 149.99 Kg/cm² with resolution of 0.01 kg/cm²

:

Hour Meter with range of 9999 hrs with indication of hr:min:sec (Preferably Digital)

:

Smart control with Digital calibration for pressure to microcontroller

:

Lower and Upper band to control pressure within 0.01 kg/cm, burst point to stop the pressure on test failed
Data record facility of all stations pressure as well as temp of one channel temperature controller

11

Setting Parameter

:

Set pressure, set time, set band, set burst.

12

Failure detection &
Burst Indication

:

Failure detection & Burst Indication through Digital Controller.

13

Piping

:

With heavy duty copper piping suitable for hi pressure test application.

14

Fitting component

:

Made of SS and Brass material

15

Test

:

All station is suitable for long term and short term test.

16

Pipe Testing

:

Six stations with 18 outlets each to test 18 different size of samples at a time.

17

Water Input

:

Overhead tap water with 80 micron filter or better

18

Type

:

Floor type

19

Paints

:

Powder Coating

20

Any other accessories

:

Bidder to specify and supply

