

	Government eProcurement System Published Corrigendum Details	Date : 24-Dec-2019 03:24 PM Print
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Organisation Chain :	Council of Scientific and Industrial Research CCMB-Hyderabad - CSIR Purchase-CCMB - CSIR
Tender ID :	2019_CSIR_37612_1
Tender Ref No :	3046/251019/1631/EQPT
Tender Title :	Supply of Isothermal Titration Calorimetry System
Corrigendum Type :	Technical Bid

Corrigendum Document Details					
Corr.No.	Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size (in KB)
1	Corrigendum on Amendment to Technical Specifications and Requirements	Isothermal Titration Calorimetry System Corrigendum on Amendment to Technical Specifications and requirements of Chapter 4 of Original tender document on the subject	24-Dec-2019 03:24 PM	3046AmendmetOfSpecificationsOfLiveIsothermalTitrationCalorimeterafterPBCon20.12.19.pdf	178.77

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सीएसआईआर-कोशिकीय एवं आणविक जीवविज्ञान केन्द्र
CSIR-CENTRE FOR CELLULAR & MOLECULAR BIOLOGY

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)

(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)

उप्पल रोड, हैदराबाद/Uppal Road, Hyderabad – 500 007

(तेलंगाना/TELANGANA) भारत/India

Tender ID No. 2019_CSIR_37612_1

CCMB Ref. No. 3046/251019/1631/EQPT

Date: 24.12.2019

Sub.- Amendment of original Tendered Technical Specifications for procurement of “**Isothermal Titration Calorimetry System**” – reg.

With reference to Pre-Bid Conference (PBC) held on 20.12.2019 to finalise the tendered specifications, all bidders are requested to take a NOTE of the CHANGES in the tendered specifications at REVISED CHAPTER- 4 placed below. Accordingly , tendered specifications of “Isothermal Titration Calorimetry System” mentioned under CHAPTER- 4 in the original Tender Document gets completely substituted by REVISED CHAPTER- 4 placed below (Page 2-3) and bidders in their own interest are advised to carefully go through changes before submitting their e-bid.

There is no change in other Terms and Conditions of the original Tender Document.

Bidders are advised to submit their e-bids as per original schedule given in the Tender Document on the subject which is also reproduced below for information-

BID submission Start Date & Time	24.12.2019 (17.00 Hrs onward)
BID submission End Date & Time	09.01.2020 (upto 14.00 Hrs)
Date & Time for opening of Bids	10.01.2020 (upto 14.30 Hrs)

Note: Prescribed BID SECURITY /EMD in original giving CCMB Tender Reference and CPPP Tender ID Reference must reach this office on or before BID Submission End Date & Time i.e. 09.01.2020 (upto 14.00 Hrs) at the address given in Tendered Document, as also reproduced below: –

“Stores & Purchase Officer, CCMB, Habsiguda, Uppal Road, Hyderabad-500007,INDIA”.

Sd/-

(Dharmendra Kumar)

Stores & Purchase Officer

Specifications for Isothermal Titration Calorimeter (ITC):

Applications: To determine thermodynamics parameters such as binding affinity, stoichiometry, enthalpy, entropy to characterize bimolecular interactions.

1. Mains power : 230VAC@50Hz
2. No of Samples /run : One
3. Dynamic range of K_d : nM - mM
4. Cell reaction volume : 200 μ l or less
5. Titration syringe capacity : 50 μ l or less
6. Injection volume precision : 0.01 μ l or less
7. Noise level : < 0.3 ncal/s
8. Pipette/ syringe control : Fully Automated
9. Pipette syringe sample loading : Fully Automated / manual
10. Stirring speed range : 0 – 1500 rpm / 0 - 200 rpm
11. Labelling & Immobilization required : NO
12. Response time : < 15sec
13. Temperature control range : 25⁰C - 80⁰C
14. Temperature stability : \pm 0.0005 ⁰C or less
15. Pipette control should be fully automated to perform functions like sample cleaning, washing, loading, drying, filling etc. to minimize sample loss and free from air bubbles encountered during filling, with user selectable options.
16. All necessary instrument control/ data analysis software (original) should be supplied along with the instrument.
17. Sample Degassing station should be supplied with the system.
18. Software should control all accessories including Diagnostics and standardisation protocols and also analyse data, import and export of data should be possible.
19. Required instrument Calibration Standards/protocols should be supplied along with instrument.
20. Consumables like filling/loading syringes (4 nos each), teflon tips (10 nos) etc.. to be supplied along with the Instrument.
21. Branded computer with monitor of latest specifications should be supplied.
22. A **THREE YEAR** comprehensive onsite warranty on entire system with associated accessories, cost including parts and labour to be included with the system.

Important Clauses:

- a. Detailed literatures (all originals) with technical specifications and features for the main system and all the accessories to be enclosed with the offer.
- b. Please ensure that the specifications mentioned in the offers must cover all the parameters listed in our enquiry. Unspecified parameter will be treated as non-compliant.
- c. Detailed instructions and service manuals with circuit diagrams, all engineering details, test point voltages etc. for the entire system and accessories should be supplied. Commitment to this clause to be made by the principals in the offer.
- d. Software supplied should be of the latest versions and any up gradations in the software to be given free of cost for three years.
- e. All standard accessories supplied with the system should be clearly mentioned in the offer.
- f. The principals / local agents are responsible for the installation, testing and commissioning of the main system and accessories, which should be carried out immediately after receipt of the system. Integration of the main system with the accessories, checking the specifications, training the users to be done at the site free of cost.
- g. Please indicate the year in which the model was introduced in the market and confirm whether the spares and consumables for the system would be available for a minimum period of 7 years.
- h. Pre-installation and utility requirements for installation and running the system should be clearly mentioned.
- i. List of users of the identical models as the one(s) offered along with the names, addresses, telephone numbers and mail ID's to be enclosed separately.
- j. Demonstration of offered model to be given on request at CCMB if required
- k. Local service support should be provided within 24 hours from a service call during and after warranty period.
- l. Copies of scientific papers, references where similar models has been used should be enclosed

Selection of the system would be based on the response to all the above points apart from the proven technical specifications and features, support, service and suitability to CCMB's requirements. Please, therefore, respond to all the points.

NOTE: Bidders may also note that in case of any discrepancy pertaining to requirement of Training, Warranty and tendered Technical Specifications mentioned in any other part of Tender Document on the subject, requirement on Training, Warranty and Technical Specifications specifically indicated in this REVISED CHAPTER - 4 shall prevail.

