

NCR Biotech Science Cluster, 3rd Mile stone, PO Box.04,
Faridabad-Gurugram Expressway
Faridabad-121001

Ref.No. THSTI/NOC/04/21-22

01st Oct 2021

Subj: Notice For Inviting offers/Objections in respect of Procurement of Progenesis Software Qty-01

THSTI is under process to purchase subject cited item from M/s Waters Ges.m.bH, through its authorized supplier M/s Waters (India) Pvt Ltd on proprietary basis.

The specifications of the required item are uploaded for open information to submit offers/objections, if any, from countrywide manufacturer regarding proprietary nature of the item quoting Reference No. THSTI/NOC/04/21-22. The offer should be submitted in compliance with the terms and conditions as attached herewith. Distributors are also invited to submit their best offer for the required goods. The comments/objections may be e-mailed to **equipment_purchase@thsti.res.in** or submitted by speed post/courier at the below mentioned address on or before **15th Oct 2021 up to 1500 Hrs.** In the event of non-receipt of any objections/comments with in the stipulated time, it will be presumed that vendors of prevailing market don't have any objection towards this enquiry.

The detailed specification of the equipment to be procured is given as Annexure-1 with this document.

To Be Submitted To

Section Officer (Stores & Purchase)
Translational Health Science and Technology Institute
3rd Mile Stone, Faridabad-Gurugram Expressway, Faridabad – 121001
Phone: +91-129-2876433

Section Officer (S&P)

Terms and Conditions: Attached

Software for analysis of LC-MS/MS data for metabolomics

Annexure-1

1. It should support for all major machine vendors. e.g.; Waters, Thermo, Agilent, ABSciex and Bruker instruments.
2. Software should have the ability to select and define adducts as per the sample needs for automatic compound ion deconvolution with minimal or no data loss.
3. It should provide means of consistent peak picking across all runs.
4. It should come with an algorithm for accurate peak picking to generate accurate quantification data.
5. Software should have inbuilt support for transfer of acquired data to a different machine (offline) to initiate analysis using the same software.
6. The software should help in automatic processing of importing, aligning, peak-detecting, and quantitating the compound data
7. Software to come with an ideal search tool which takes into account most of the compound information like; mass similarity (mass error), isotope profile similarity, retention time, collisional cross-sectional area and fragmentation score data.
8. Software should come with fragmentation matching views for compound identification based both on spectral matching and/or theoretical fragmentation.
9. The software should support key external search databases for compound identification, e.g LipidBlast, ChemSpider package and NIST LC-MS/MS and fragmentation database like METLIN.
10. Software should have a provision to search by elemental composition.
11. In case of unidentified compounds the software should have provision of exporting the known unknowns.
12. It should come with a provision of normalisation using automatically selected reference e.g , housekeeping compounds, internal and/or external standard.
13. The software should be apt in visualisation of complex data as a 2D representation or as 3D plots as every step of data processing.
14. Software should have inbuilt capacity for analysing data sets using statistical tests such as ANOVA, Coefficient of variance (CV), intensity mean based pvalue and fold change (FC).
15. It should come with a power analysis tool to reduce type II statistical errors and with false discovery rate (FDR) correction to reduce type I errors for multivariate statistical read-outs in real time.
16. Prediction of how many samples are needed to attain a suitable power for detection of alterations in the majority of compounds. The software will inform you of how many of your compounds have a statistical power of 0.8 for the observed fold-change between your groupings. It will also tell you how many replicates per group you would need for this to be true for >80% of compounds, in case you wish to perform further validation.
17. It has ability to perform correlation analysis and its corresponding plots like hierarchical correlation analysis between groups with large number of dataset.
18. Software should be apt for displaying a colour coded ion intensity map.
19. It has user-friendly experimental setup for re-analysis of LCMS data either between the subjects and within subjects (without the need of reanalysing the raw data).
20. Add new individual runs or groups of runs to existing analysed experiments. LC-MS runs generated from new samples or re-running existing samples can be added to an existing experiment without the need to reanalyse all the data. This allows you to expand existing studies or measure QC samples over time.
21. It can support the Integration (of the expression data) with the pathways analysis tools as IMPaLA (Integrated molecular pathway level analysis) via a guided dialog.
22. It has special "quick tags" feature to ease the selection of a set of compounds for identification using differentially expressed m/z ratio.
23. Should be user friending in reporting the analysed data in the standard convenient exporting options like .csv excel, .text format.

1. Only manufacturers or their authorized distributors are eligible to participate in this enquiry.
2. Prices quoted /offered should be F.O.R. basis up to THSTI, Faridabad.
3. The supplies if rejected due to non-conformity with the specifications is liable to be replaced free of cost within the stipulated period at the Institution. In case of failure to do so the rejected supplies shall be disposed-off by THSTI at its own discretion and no claim shall be entertained thereof.
4. Tender shall be accompanied with Bid security declaration form as per 'Annexure-2'. Failure to provide this bid may not be considered for further process. The item to be supplied must be of genuine quality/make of authorized manufacturer.
5. Conditional offer will be liable for rejection.
6. Payment: 100% payment shall be made after successful supply, installation and commissioning (SITC) of the item at Institute site of Installation and upon receipt of PBG as per clause no.10.
7. The manufacturer should send true copy of registration of the company with a copy of license of products, GST details and in the case of authorized dealers recent Authorization Certificate of the manufacturer.
8. THSTI is eligible for availing Custom Duty Exemption against DSIR Registration and in terms of Govt. Notification No. 51/96-Custom dated 23 Jul 1996, Central Excise duty exemption in terms of Govt. Notification No. 10/97-Central Excise dated 01 Mar 1997, Notfn. No. 47/2017 – Integrated Tax (Rate) dt. 14.11.2017 and Notfn. No. 45/2017 – Central Tax (Rate) dt. 14.11.2017, Notfn. No. 45/2017 – Union Territory Tax (Rate) dt. 14.11.2017, as amended from time to time.
9. Performance security equivalent to 03% of the order value, in the form of Bank Guarantee/FDR from any Nationalized Bank effective from date of Installation covering warranty of equipment plus 60 days is required to be submit immediately after successful/Satisfactory Installation.
10. Since time is the essence of the contract, delivery of the Goods and performance of the services shall be made by the supplier in accordance with the time schedule specified by the Purchaser in the Contract. If the Supplier fails to deliver any or all of the Goods or to perform services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, aspenalty, a sum equivalent to 0.5% per week and the maximum deduction is 10% of the contract price.

11. Pre installation requirements: Supplier to inform in advance pre-installation requirement to the concern lab/department and perform installation, safety and operation checks before handover the equipment at no cost.
12. Comprehensive onsite warranty should remain valid for the period of 01 years from the date of successful installation.
If during the period of warranty any component or spare part is needed to be imported, all associated cost for replacement shall be borne by the supplier including the cost of customs duty, customs clearance charges etc.
13. Purchase Preference to Local Suppliers: In pursuance of Government of India Order no. P-45021/2/2017-B.E.-II dated 15/06/2017 as amended by Order No.-P-45021/2/2017-B.E.-II dated 28/05/2018, P-45021/2/2017-B.E.-II dated 29/05/2019, P-45021/2/2017-B.E.-II dated 04/06/2020 and P-45021/2/2017-B.E.-II dated 16/09/2020, Eligible Supplier shall provide the certificate as per the notification on company letter head.
14. All rights are reserved with the Executive Director of THSTI who may accept or reject any or all the offers without assigning any reason thereof.

Annexure-02

BID SECURITY DECLARATION

(To be submitted by bidder on Non-Judicial Stamp Paper of Rs.100/-only duly attested by Notary)

We, (*Name of bidding firm with its address* _____) do hereby certify and declare that we are interested and genuinely participating in the Tender Enquiry No. _____ for (*tender description* _____) invited by the THSTI.

We further undertake that if we withdraw or modify the submitted bid during the period of Bid validity, or if we will be awarded the order / contract and If we fail to acknowledge the order / sign the contract, or to submit a performance security before the deadline defined in the Tender document, the order awarded / work contract issued shall be terminated at the discretion of Competent Authority, THSTI and our firm will be suspended / blacklisted for the period of 03 years from being eligible to submit Bids for tenders with the THSTI in future.

Date:

Name and Signature of Authorized
Signatory of bidding firm along with stamp