

गुणवत्ता मूल्यांकन प्रयोगशाला
स्पाइसेस बोर्ड
(कृषि एवं उद्योग मंत्रालय, भारत सरकार)
सुगंध भवन, एन.एच. बेंपास
पी.बी.नं. 2277, पालारिवट्टम पी.ओ.
कोचिन-682 025, भारत.



QUALITY EVALUATION LABORATORY
SPICES BOARD
(Ministry of Commerce and Industry, Govt. of India)
Sugandha Bhavan, N.H. By-pass
P.B. No. 2277, Palarivattom P.O.
COCHIN - 682 025, INDIA

No.Qlty/3(1)/A. Columns/2010.

Dated 1-9-2010

QUOTATION NOTICE (AMENDED)

Sub:- Purchase of Immuno Affinity Columns -reg

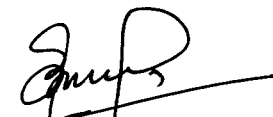
Sealed quotations are invited superscribed "Quotation for Immuno Affinity Columns" conforming to the detailed specifications and directions given in annexure -1 required for the Spices Board's Laboratories all over India for a period 2010-11.

The Quotation should be prepared in the name of 'The Director (Res), Indian Cardamom Research Institute, Spices Board, Sugandha Bhavan, Palarivattom, Cochin - 25, should reach **Secretary Spices Board, Sugandha Bhavan, Palarivattom, Cochin 25** before 5 p.m. on 22.9.2010. Quotations should provide the detailed specifications of the item on offer with the name of the brand, terms and conditions of supply, service, delivery period etc.

Prices should be quoted CIF Cochin/ Mumbai / Hyderabad /Delhi/ Chennai.

Quotations will be opened in the presence of representatives of the bidders, if any present, at 11 am. on 23.09.2010.

The Spices Board reserves the right to accept or reject any quotation without assigning any reason, at any stage. For any further clarification please contact Sr. Scientist (QC), Quality Evaluation Laboratory, Cochin-25.


Secretary

Encl. Annexure -I



ISO 9001-2000
FS 37812



ISO 14001 : 2004
EMS 52774



ISO/IEC 17025
T-0729 - Chemical Testing
T-0730 - Biological Testing

Phone : 0484-2333610-616, 2340180

Fax : 0484-2331213

E mail: spicesboard@vsnl.com

Website : www.indianspices.com

Requirement of Aflatoxin Immunoaffinity Columns for the Year 2010 - 11

| No. Specifications | Details |
|--|---|
| 1 Immunoaffinity monoclonal- antibody columns for analysis and Quantification of Aflatoxins B2, B1, G2 and G1 at ug/kg (ppb) levels | |
| 2 Number of columns required | 35000 columns |
| 3 Mode of supply | Staggered supply in batches as required, over the year. Order will be placed in batches as per requirement, over the 2010 -2011 period. |
| 4 Place of Supply | Anywhere in India , as intimated from Head Office during the supply of each batch. |
| 5 Recovery from spiked samples for Aflatoxins B1,B2,G1,G2 using HPLC with fluorescence detector | At least 85%. Should be substantiated by analytical data (include the same with the quotation). |
| 6 Background interference in HPLC fluorescence detector | <0.5 ug/kg |
| 7 Sensitivity | Better than 0.1 ug/kg with a wide range. The high limit for the column has to be specified. |
| 8 Shelf life | At least 12 months shelf life at room temperature (20 - 25°C). |
| 9 Compatibility requirement | Should be compatible with Vicam 12-position pump stand (BP-101-2/G1164, Column should have 5mm aperture diameter at the upper end) for elution. If not compatible, 12 numbers of an adapter to be fixed at the upper end of the column to which will have an aperture diameter of 5mm should be made available |
| 10 Certification | Columns should have AOAC collaborative test approval/ AOAC performance test approval / approval from an equivalent international technical Body. Proof should be submitted along with the quotation. Certificate of confirmative from USDA or any other equivalent international regulatory agency should be available. Proof should also be submitted along with the quotation. |
| 11 Other requirements | Columns should be supplied with certificate of analysis, % of recoveries for each Aflatoxin and <u>batch-wise expiry date</u> |
| 12 Multi-Position elution stand - An elution stand capable of handling a minimum of 12 numbers of the quoted columns <u>simultaneously</u> should be quoted. The elution stand should have positive pressure air pumps <u>for each position</u> to facilitate fast and easy elution. | 10 Nos. to be quoted. |
| 13 Fluted filter papers (Vicam-31240- 24 cm or equivalent) | Equal to the number of columns should be supplied along with the columns |
| 14 Glass micro fibre filter papers (Vicam-31955-11cm or equivalent). Should be quoted even if not required as per the normal procedure for usage of the quoted columns. | Equal to the number of columns should be supplied along with the columns |

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| 15 | Post Column Derivatization Systems of Electrochemical or Photochemical Type for use with HPLC System with Fluorescence Detector, <u>which guarantee a quantification limit of 0.5 ppb for Aflatoxin B1, B2, G1 and G2.</u> All necessary connection tubings to HPLC should be provided. | 10 Nos. to be quoted. |
| 16 | Details of full validation of Aflatoxin Analysis <u>using the post column derivatization system</u> , including chromatograms and <u>LOQ confirmation at 0.5 ppb</u> using HPLC - Fluorescence Detector, should be provided. | Validation Data to be included with the quotation. |
| 17 | Chemicals required | Any <u>buffer solution</u> or <u>other chemicals</u> required for use with the columns for HPLC - FD analysis should be included in the quotation, and made available during the supply of the columns in required amounts. |
| 18 | Users' List | A complete users list, with <u>user contact designation, phone numbers and email id</u> , for the quoted brand of columns in India should be included along with the quotation |
| 19 | <u>Undertaking of Quality Assurance:</u> Any batch of columns, which proves to be unsuitable due to low recovery, slow elution rate (<u>not more than 3 minutes maximum for 10 ml elution</u>) etc., should be replaced immediately without charge. | Undertaking to be provided along with the quotation. |
| 20 | Other requirements | Any other accessory required for using the columns should be quoted in required numbers and should be made available along with the columns. |
| 21 | Sample Columns | <u>Ten numbers</u> of sample columns, which is proposed to be supplied against the tender, need to be included with the quotation for evaluation , along with necessary accessories required (if any) for the elution. |
| 22 | Bank Guarantee | A <u>Bank Guarantee of 10% of the order value for each batch of columns</u> will be required for the supply of the columns before releasing the purchase order. If columns supplied does not match with the sample columns supplied for evaluation, or are in any way unsuitable for analysis, then the bank guarantee will be forfeited and the balance order will be cancelled. |
| 23 | Compliance statement | A statement of compliance with each point in this technical specification should necessarily accompany the quotation without which the quotation will not be considered. |

Requirement of Ochratoxin A Immunoaffinity Columns for the Year 2010 - 11

| No. | Specifications | Details |
|-----|---|---|
| 1 | Immunoaffinity monoclonal- antibody columns for analysis and Quantification of Ochratoxin A at ug/kg (ppb) levels | |
| 2 | Number of columns required | 10000 columns |
| 3 | Mode of supply | Staggered supply in batches as required, over the year. Order will be placed in batches as per requirement, over the 2010 -2011 period. |
| 4 | Place of Supply | Anywhere in India , as intimated from Head Office during the supply of each batch. |
| 5 | Recovery from spiked samples for Ochratoxin A using HPLC with fluorescence detector | At least 85%. Should be substantiated by analytical data (include the same with the quotation). |
| 6 | Background interference in HPLC fluorescence detector | <0.5 ug/kg |
| 7 | Sensitivity | Better than 0.1 ug/kg with a wide range. The high limit for the column has to be specified. |
| 8 | Shelf life | At least 12 months shelf life at room temperature (20 - 25°C). |
| 9 | Compatibility requirement | Should be compatible with Vicam 12-position pump stand (BP-101-2/G1164, Column should have 5mm aperture diameter at the upper end) for elution. If not compatible, 12 numbers of an adapter to be fixed at the upper end of the column to which will have an aperture diameter of 5mm should be made available |
| 10 | Certification | Columns should have AOAC collaborative test approval/ AOAC performance test approval / approval from an equivalent international technical Body. Proof should be submitted along with the quotation. Certificate of confirmative from USDA or any other equivalent international regulatory agency should be available. Proof should also be submitted along with the quotation. |
| 11 | Other requirements | Columns should be supplied with certificate of analysis, % of recoveries for Ochratoxin A and <u>batch wise expiry date</u> |
| 12 | Multi-Position elution stand - An elution stand capable of handling a minimum of 12 numbers of the quoted columns <u>simultaneously</u> should be quoted. The elution stand should have positive pressure air pumps <u>for each position</u> to facilitate fast and easy elution. | 2 Nos. to be quoted. |
| 13 | Fluted filter papers (Vicam-31240- 24 cm or equivalent) | Equal to the number of columns should be supplied along with the columns |
| 14 | Glass micro fibre filter papers (Vicam-31955-11cm or equivalent). Should be quoted even if not required as per the normal procedure for usage of the quoted columns. | Equal to the number of columns should be supplied along with the columns |
| 15 | Details of full validation of Ochratoxin A Analysis <u>using the post column derivatization system</u> , including chromatograms and <u>LOQ confirmation at 0.5 ppb</u> using HPLC - Fluorescence Detector, should be provided. | Validation Data to be included with the quotation. |
| 16 | Chemicals required | Any <u>buffer solution</u> or <u>other chemicals</u> required for use with the columns for HPLC - FD analysis should be included in the quotation, and made available during the supply of the columns in required amounts. |

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| 17 | Users' List | A complete users list, with <u>user contact designation, phone numbers and email id</u> , for the quoted brand of columns in India should be included along with the quotation |
| 18 | <u>Undertaking of Quality Assurance</u> : Any batch of columns, which proves to be unsuitable due to low recovery, slow elution rate (<u>not more than 3 minutes maximum for 10 ml elution</u>) etc., should be replaced immediately without charge. | Undertaking to be provided along with the quotation. |
| 19 | Other requirements | Any other accessory required for using the columns should be quoted in required numbers and should be made available along with the columns. |
| 20 | Sample Columns | Ten numbers of sample columns, which is proposed to be supplied against the tender, need to be included with the quotation for evaluation , along with necessary accessories required (if any) for the elution. |
| 21 | Bank Guarantee | A <u>Bank Guarantee of 10% of the order value for each batch of columns</u> will be required for the supply of the columns before releasing the purchase order. If columns supplied does not match with the sample columns supplied for evaluation, or are in any way unsuitable for analysis, then the bank guarantee will be forfeited and the balance order will be cancelled. |
| 22 | Compliance statement | A statement of compliance with each point in this technical specification should necessarily accompany the quotation without which the quotation will not be considered. |