

QUALITY EVALUATION LABORATORY
SPICES BOARD GOVT. OF INDIA
COCHIN

No.QEL/PUR/Columns/1/2011

Dated 11.11.2011

QUOTATION NOTICE

Sub:- Purchase of Immuno Affinity Columns


Sealed quotations are invited for supply of immuno affinity columns for analysis of aflatoxins and ochratoxins conforming to the specifications and directions given in annexure -1. The materials are required for the Laboratories of Spices Board located at various places in India for the period 2011-12.

Sealed Quotation with superscription ' Quotation for immuno affinity columns 2011-12' prepared in the name of 'The Director (Res), Indian Cardamom Research Institute, Spices Board, Sugandha Bhavan, Palarivattom, Cochin - 25, should reach Senior Scientist (QC), Quality Evaluation Laboratory, Spices Board, Sugandha Bhavan, Palarivattom, Cochin 25 on or before 5 p.m. on 20.12.2011. Quotations should provide the detailed specifications of the items 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 present, at 11 am on 21.12.2011.

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


Senior Scientist (QC)

Encl. Annexure -I

Requirement of Aflatoxin Immunoaffinity Columns for the Year 2011 - 12

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	40000 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 2011 -2012 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 after supply (20 - 25°C).
9	Compatibility requirement	Should be compatible with Vicam 12-position pump stand or equivalent (BP-101-2/G1164, Column should have 5mm aperture diameter at the upper end) for elution. If not compatible, <u>12 numbers of an adapter</u> to be fixed at the upper end of the column which has an upper 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 USFDA 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> , with a min. of 85% recovery.
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.	8 Nos. to be quoted.
13	Fluted filter papers as per the standard procedure should be quoted	Equal to the number of columns should be supplied along with the columns
14	Glass micro fibre filter papers as per the standard procedure 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	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.	4 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 and it will not be returned.
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 duly signed statement of compliance, by the authorised company representative 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 2011 - 12

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	5000 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 2011 -2012 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 or equivalent (BP-101-2/G1164, Column should have 5mm aperture diameter at the upper end) for elution. If not compatible, <u>12 numbers of an adapter</u> to be fixed at the upper end of the column which has 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 recovery for Ochratoxin A and <u>batch-wise expiry date</u> , with a min. of 85% recovery
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
16	Details of full validation of Ochratoxin A Analysis using the post column derivatization system, including chromatograms and LOQ confirmation at 0.5 ppb 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
23	Compliance statement	A duly signed statement of compliance, by authorised company representative, with each point in this technical specification should necessarily accompany the quotation without which the quotation will not be considered.