

No.Qlty/3(4)/2008.

Dated 1<sup>st</sup> December. 2008

### QUOTATION NOTICE

Sir,

Sub:- Purchase of Immuno Affinity Columns for testing Aflatoxin & Ochratoxin.

Sealed quotations are invited with superscription “**Quotation for Immuno Affinity Columns(Aflatoxin/Ochratoxin) 2008**” conforming to the detailed specifications and directions given in **annexure-1 & II**

Quotations should be submitted separately for immuno affinity columns for **Aflatoxin** and **Ochratoxin**. Offer addressed to the Director (Res), Indian Cardamom Research Institute, Spices Board, Sugandha Bhavan, Palarivattom, Cochin – 25, should reach this office before **3 p.m. on 30.12.2008**. The address on the sealed cover should be “**Secretary, Spices Board, Palarivattom PO, Cochin 682 025**”. Quotations should provide the detailed specifications of the item with the name of the brand, terms and conditions of supply, service, delivery period etc. The cost should be quoted for CIF Cochin&Mumbai. Clarifications, if any, can be had from the Senior Scientist (QC), Quality Evaluation Laboratory, Spices Board, Cochin.

Quotations will be opened in the presence of representatives of the bidders, if any present, at **3.30 p.m. on 30.12.2008**.

The Spices Board reserves the right to accept or reject the quotation without assigning any reason, at any stage.

Yours faithfully,

SENIOR SCIENTIST(QC)

**Annexure I**

**SPECIFICATIONS FOR IMMUNOAFFINITY COLUMNS  
FOR ANALYSIS OF AFLATOXINS**

<b>Immunoaffinity monoclonal antibody columns for analysis and Quantification of Aflatoxins B1, B2, G1 and G2 at ? g/kg (ppb) levels using HPLC with Fluorescence Detector</b>		
<b>No.</b>	<b>Specifications</b>	<b>Details</b>
1.	Number of columns required	35,000 columns, to be supplied as 5 staggered lots of 7000 columns each. Payment against each batch will be arranged only after the receipt of the batch.
2.	Recovery from spiked samples for Aflatoxin B1, B2, G1, G2 using HPLC with fluorescence detector	At least 85%
3.	Background interference in HPLC fluorescence detector	<0.5 ?g/kg
4.	Sensitivity	Minimum 0.5 ?g/kg with a wide range ( <u>specify the high limit</u> )
5.	Methodology	<u>Complete details of analytical methods</u> for using the columns for analysis of Aflatoxins B1, B2, G1, G2 <b>in spices</b> should be provided.
6.	Reagents	Any buffers, reagents or other items required for analysis of Aflatoxins using the columns (35,000 tests) should be included as per the method provided, and the same should be shipped along with the columns.
7.	Dimensions	The aperture at the upper end of the columns should have an inner diameter of 5mm. If the diameter is different, <u>a suitable syringe-type elution apparatus should be quoted.</u>
8.	Shelf life	At least 15 months without any special storage requirements
9.	Certifications	AOAC test approvals, USFDA certificates etc will be desirable.
10.	Other requirements	Each box of columns should be supplied with certificate of analysis, including percentage recoveries for each Aflatoxin and the expiry date of the columns.

11.	Filtration accessories	All accessories, <u>including necessary filter papers</u> as per the method provided, for 35,000 tests should be quoted.
12.	Other requirements	Any other accessories required for using the columns should be quoted in required numbers
13.	<b>Sample Columns and Accessories</b>	<b>5 Nos of sample columns from the proposed lot to be shipped against the quotation, with all necessary requirements for analysing 5 samples, should also be sent along with the quotation.</b> There should not be any change between the sample columns and the lot supplied against the purchase order. This will be evaluated at our end, and any non-complying lot will be rejected.
14.	<b>Compliance statement</b>	A statement of compliance with each point in these specifications should necessarily accompany the quotation without which the quotation should be deemed incomplete
15.	<b>Quality Requirement</b>	After procurement, if any of the columns are found to have quality issues like blockage, low recovery, sensitivity less than as claimed in the quotation etc., the columns will be returned for replacement without cost.

**Annexure II**

**SPECIFICATIONS FOR IMMUNOAFFINITY COLUMNS  
FOR ANALYSIS OF OCHRATOXIN A**

<b>Immunoaffinity monoclonal antibody columns for analysis and Quantification of Ochratoxin A at ? g/kg (ppb) levels using HPLC with Fluorescence Detector</b>		
<b>No.</b>	<b>Specifications</b>	<b>Details</b>
1.	Number of columns required	2500 columns Payment will be made after receipt.
2.	Recovery from spiked samples for Ochratoxin A using HPLC with fluorescence detector	At least 85%
3.	Background interference in HPLC fluorescence detector	< 0.5 ? g/kg
4.	Sensitivity	Minimum 0.5 ? g/kg with a wide range ( <u>specify the high limit</u> )
5.	Methodology	<u>Complete details of analytical methods</u> for using the columns for Ochratoxin A analysis <b>in spices</b> should be provided.
6.	Reagents	Any buffers, reagents or other items required for analysis of Ochratoxin A using the columns (2500 tests) should be included as per the method provided, and the same should be shipped along with the columns.
7.	Dimensions	The aperture at the upper end of the columns should have an inner diameter of 5mm. If the diameter is different, <u>a suitable syringe-type elution apparatus should be quoted.</u>
8.	Shelf life	At least 15 months without any special storage requirements
9.	Certifications	AOAC test approvals, USFDA certificates etc will be desirable.
10.	Other requirements	Columns should be supplied with certificate of analysis, including percentage recoveries for Ochratoxin A and the expiry date of the columns.
11.	Filtration accessories	All accessories, <u>including necessary filter papers</u> , for 2500 tests as per the method provided should be quoted.

12.	Other requirements	Any other accessories required for using the columns should be quoted in required numbers
13.	<b>Sample Columns and Accessories</b>	<p><b>5 Nos of columns from the proposed lot to be shipped against the quotation, with all necessary requirements for analysing 5 samples, should also be sent along with the quotation.</b></p> <p>There should not be any change between the sample columns and the lot supplied against the purchase order. This will be evaluated at our end, and any non-complying lot will be rejected.</p>
14.	<b>Compliance statement</b>	A statement of compliance with each point these specification should necessarily accompany the quotation without which the quotation should be deemed incomplete
15.	<b>Quality Requirement</b>	After procurement, if any of the columns are found to have quality issues like blockage, low recovery, sensitivity less than as claimed in the quotation etc., the columns will be returned for replacement without cost.