

**Date: 06/07/2017**

## **Basmati Crop Survey**

APEDA, an autonomous organization, under the Ministry of Commerce & Industry, Govt. of India, invites offers for Crop Survey for estimation/assessment of acreage, crop health and yield of Basmati rice.

Field based survey is to be carried out on the basis of sample group of farmers selected at district level in seven GI area states viz., Punjab, Haryana, Himachal Pradesh, Uttarakhand, Delhi, Western UP and two districts in J&K. Crop Survey would be required to be undertaken for estimation of crop area, crop health and projection/estimate of production. The offers for survey during two Kharif seasons i.e. Kharif 2017 and Kharif 2018 with detailed model and techniques to be used are required to be submitted in two separate envelopes. One envelope, superscribed as 'Technical Bid' will contain details of experience of the bidding firm in carrying out such crop survey and proposed model to be used for field based survey. Second envelope superscribed as 'Financial Bid' will contain the financial bid. The rates may be given separately for Kharif 2017 and Kharif 2018.

Both these envelopes may be put in a sealed cover superscribed as '**Bid for Basmati Crop Survey**' and submitted by 3:00 pm on July 26, 2017 to **Shri Umesh Kumar, Assistant General Manager**.

The financial bids of only those bidders will be opened which are found to be technical competent by APEDA. All or any particular bid may be rejected by APEDA.

**Agricultural and Processed Food Products Export Development Authority (Ministry of Commerce and Industry, Govt. of India) 3<sup>rd</sup> floor, NCUI Auditorium Building, 3 Siri Institutional Area, August Kranti Marge (Opp. Asiad Village), New Delhi-110016.**

**Basmati Crop Survey**  
**Detailed Terms of Reference**

**Eligibility Criteria**

1. The bidding firm should have experience of a minimum of five years for carrying out field based crop surveys undertaken for a trade body or Government organizations in India. Experience of crop cutting experiments will not be considered for this purpose.

**Scope of Work**

1. Survey for assessment of acreage, crop health and yield of Basmati rice during Kharif 2017 and Kharif 2018 in the states of Punjab, Haryana, Himachal Pradesh, Uttrakhand, Delhi, Western UP (26 districts) and Jammu and Kathua in J&K.
2. Field based survey would cover the following :-
  - (i) Acreage estimation of all rice, basmati crop differentiated in traditional and evolved varieties of Basmati rice and Sharbati and Sugandha of Non-Basmati. Reports will be submitted on district level basis for each state.
  - (ii) Variety-wise Crop Health Monitoring and Analysis.
  - (iii) Variety-wise Crop maturity survey, describing the percentage of acreage under particular crop growth.
  - (iv) Climate based yield modeling using historical yield and climate data (10 years) in order to predict yield well in advance.
  - (v) Questionnaire based sample survey of farmers for area/districts mentioned above with a suitable sample size covering all blocks of the respective districts. The sample size may be arrived at, taking in to view

the crop density in the concerned block. The contact details of the farmers included in the survey may be provided. Reports to mention as to how many farmers and how much crop area has been covered from each block/district.

- (vi) The block-wise visit schedule of the teams for farmer survey may be given in advance to APEDA/AIREA. Representatives of APEDA/AIREA may visit some blocks for monitoring of survey.
- (vii) To ascertain accuracy levels GPS points may be provided to APEDA/AIREA. Each farmer should be photographed at the time of interview with proof of date by newspaper of the day. Photographs of all farmers will be provided in the electronic format to APEDA/AIREA with the reports. Complete details of contact in respect of every farmer interviewed along with mobile number and address.
- (viii) Percentage-wise sale/distribution of basmati seeds by different agencies including Govt. sources, private sector and farmers and the price paid for each variety. This information should be contained in report for the month of July.
- (ix) Data collection work force and sample size of the crop cutting experiment will be decided in consideration with AIREA.

(I) **Submission of Reports.**

Five reports will be submitted for the month of August, September, October, November and December. First report will be submitted by August 31, 2017 and August 31, 2018 in respective years. In case of unusual weather conditions and pests/diseases attack, affecting yields, fortnightly report will be given during crop maturity time. Final Report will contain Crop Cutting Estimation Data and post-arrival /post-harvest report in December. Final Report will contain all statistics and maps.

The reports will be submitted in electronic format, CDs and hard Copies, besides presentations to be made in the Conference hall of APEDA in New Delhi.

## **(II) Payment Terms**

1. 50% alongwith Work Order, on award of study, on submission of Invoice along with Bank Guarantee (Scheduled Bank) for the amount, valid for six months. Invoice must contain the PAN of respective agency for TDS purpose.
2. 20% on submission of report of October and invoice for the amount.
3. 20% on submission of final report and invoice for the amount.
4. 10% after 45 days of submission of final report.
5. GST/ other Taxes, if any shall be applicable.

**Basmati Crop Survey**

**Technical Bid**

<b>S No</b>	<b>Technical Information</b>	<b>Details Submitted</b>
1	Firm's name and address	
2	GST number	
3	PAN	
4	Turn Over for last three years	
5	Names and CVs of technical personnel on regular rolls of the firm	
6	Experience of field based crop surveys undertaken for trade body or Government organizations in India  (Names of clients with crop name, year and geographical area covered under the survey)	
7	Any other relevant information about technical competence including brochure / catalogue etc.	
8	Proposed model to be used for field based crop survey	

**Name and signature(s) with seal.**

**Basmati Crop Survey**

**Financial Bid**

<b>Basmati Crop Survey as per TOR provided by APEDA</b>	<b>Kharif 2017</b>	<b>Kharif 2018</b>
Total cost in rupees exclusive of applicable taxes in figures		
Amount in words		

**Name and signature(s) with seal.**