

BEDF-2019-20-0003

ToR for Basmati Crop Survey

Basmati Export Development Foundation (BEDF), a society founded by APEDA, Ministry of Commerce & Industry, Govt. of India, invites offers for Crop Survey for estimation/assessment of acreage, crop health and expected yield of Basmati rice during 2022 and 2023.

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 (30 districts) and three 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 2022 and Kharif 2023 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 2022 and Kharif 2023.

Both these envelopes may be put in a sealed cover superscribed as '**Bid for Basmati Crop Survey**' and submitted by 3:00 pm on or before February 18, 2022 to **Dr. DDK Sharma, Director (BEDF)**. The financial bids of only those bidders will be opened which are found to be technically competent by BEDF. All or any particular bid may be rejected by BEDF.

**Basmati Export Development Foundation (BEDF),
(a society founded by APEDA, Ministry of Commerce & Industry, Govt. of India),
4th floor, NCUI Auditorium Building, 3 Siri Institutional Area, August Kranti Marg
(Opp. Asiad Village),
New Delhi-110016.**

Detailed Terms of Reference

Eligibility Criteria

1. The bidding firm shall have experience of a minimum of five years for carrying out crop surveys with satellite imageries and 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 through the satellite imageries and field survey for assessment of acreage, crop health and yield of Basmati rice during Kharif 2022 and Kharif 2023 in the states of Punjab, Haryana, Himachal Pradesh, Uttrakhand, Delhi, Western UP (30 districts) and Jammu, Kathua and Samba in J&K.
2. The satellite imageries and field based survey shall cover the following :-
 - i) Acreage estimation of all basmati rice crop varieties differentiated in traditional and evolved varieties of Basmati rice and Sharbati and Sugandha varieties 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 BEDF/AIREA. Representatives of APEDA/BEDF/AIREA may visit some blocks for monitoring of survey.
 - vii) To ascertain accuracy levels GPS points may be provided to BEDF. 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 BEDF with the reports. Complete details of contacts 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.

3. Submission of Reports.

Six reports will be submitted for the month of July, August, September, October, November and December. First report will be submitted by July 31, 2022 and July 31, 2023 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 both in electronic format (Pen Drive) and hard Copies, besides presentations to be made to APEDA/BEDF in New Delhi.

4. Payment Terms

- a. 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, GST Number of respective agency for TDS purpose.
- b. 20% on submission of report of October and invoice for the amount.
- c. 20% on submission of final report and invoice for the amount.
- d. 10% after 45 days of submission of final report.
- e. GST/ other Taxes, if any shall be applicable.

5. Selection Procedure:

The selection of the successful bidder shall be based on technical and financial criteria. BEDF/APEDA reserves the right to accept, reject or seek further clarifications on the details submitted in the proposal.

A Committee in BEDF/APEDA will carry out screening of the technical bid and will shortlist the bidders fulfilling the prescribed requirements. The short listed bidders will be required to make technical presentation before the selection committee.

S. No.	Criteria	Score/Weight age
1.	Presentation on understanding of the activity and ideas to carry the task professionally	25
2.	Working experience in the field survey in India	15
3.	Availability of expertise and their experience in conducting/ monitoring of field survey	20

4.	Turnover of the firm during 2018-19, 2019-20 and 2020-21	10
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The marking would be done on all the presentations. The bidder who secure minimum 70% marks (49 out of 70 marks) in technical presentations will be short listed and their financial bids shall then be opened. Financial bid will carry a maximum of 30 marks. The calculation of marking will have the following method:

L1 = 30 marks

L2 = $30 \times L2$ (the cost quoted by L2)/L1 (the cost quoted by L1) and similarly L3,

L4 (depending on no. of agencies)

After the financial marks are obtained the technical and financial marks will be added up and the bidder scoring highest aggregate marks will stand selected.

Selection Committee reserves the right to accept or reject any or all the bids at any time prior to award of contract/order, without assigning any reasons and without incurrance of any liability on BEDF/APEDA. BEDF/APEDA also reserves the right to negotiate the prices with the selected bidders to bring down the prices.

6. **Terms and conditions**

- I. The approved bidder will work under the directions and guidance of BEDF/APEDA. It shall be the sole responsibility of the bidder to ensure all activities undertaken by them for BEDF/APEDA are in accordance with the legal framework.
- II. The financial bid should be on bidder's letterhead mentioning the charges in Indian Rupees and should be exclusive of all taxes.
- III. The bidders under this contract shall observe the highest standard of ethics during the period of engagement. The bidders have to bear the cost associated with the preparation and submission of tender documents to BEDF.
- IV. BEDF/APEDA will reject a proposal for award of work if it is determined that the agency recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- V. A self certified undertaking has to be submitted mentioning that they have not been blacklisted by any government organization and the same is not applicable as on date.

VI. For interpretation of any clause of this document, the decision of Chairman BEDF/APEDA would be final and binding on both the parties i.e., bidder and BEDF.

Bids in two parts, technical and financial, in separate sealed covers super scribed as **Bid for Basmati Crop Survey** are to be submitted by February 18, 2022 (3:00 p.m.) to:

Dr. DDK Sharma
Director (BEDF)
Agricultural & Processed Food Products Export Development Authority,
Ministry of Commerce, Govt. of India,
NCUI Building,
3, Siri Institutional Area,
August Kranti Marg, New Delhi 110 016

Basmati Crop Survey
Format for Technical Bid

S No	Technical Information	Details Submitted
1	Firm's name and address	
2	GST number	
3	PAN	
4	Turn Over for last three years (2018-19, 2019-20, 2020-21)	
5	Names and CVs of technical personnel on regular rolls of the firm	
6	Experience in satellite imageries/ field based crop surveys undertaken for trade bodies or Public Undertakings 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 crop survey (Please attach separate sheet, if required)	

Name and signature(s) with seal

Basmati Crop Survey

Format Financial Bid

Basmati Crop Survey as per TOR provided by BEDF	Kharif 2022	Kharif 2023
Total cost in rupees exclusive of applicable taxes in figures		
Amount in words		