



ICAR- Central Research Institute for Dryland Agriculture
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F.No: 2-1(23)/ST/14/NF

Date: 27-07-2015

To

Sub: Sealed Quotations are invited for Consultancy Services for development of "Decision Support System (DSS) for Monitoring and Evaluating Sustainability of Watershed Projects" – Regarding.

** ** *

Dear Sir (s),

Sealed Quotations are invited for following services as detailed, below:

S. No.	Particulars & Description
1.	Consultancy Services for development of "Decision Support System (DSS) for Monitoring and Evaluating Sustainability of Watershed" Projects

***** Specifications of the above Services are enclosed herewith.

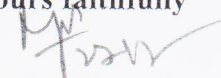
TERMS & CONDITIONS:

- 1) The last date for submission of quotation 26-08-2015.
- 2) Quotations should be submitted in a sealed cover addressed to the Director, Central Research Institute for Dry land Agriculture, Santoshnagar, Saidabad Post, Hyderabad – 500 059. The cover containing quotation should invariably be super scribed.
 - a) Enquiry F.No. 2-1/(23)/ST/14/NF
 - b) Due on 26-08-2015
 - c) For services of Development of **Decision Support System (DSS) for Monitoring and Evaluating Sustainability of Watershed Projects**
- 3) The quotation should remain open for acceptance for a period of 90 days from the date (due date)

- 4) Consultant should have in-depth knowledge of use of OSGIS and remote sensing along with programming language as required for the work.
- 5) Quotation should be submitted with all break-up details along with taxes separately
- 6) Contract Duration: 100 days from the date of issue of work order. If contractor fails to submit within stipulated period an amount of 5% shall be deducted from the contract value upto one month and beyond one month will attract a penalty of further 5% for each fortnight.
- 7) Service tax: 75% of S.T. will be deducted and paid directly to the GOI and rest 25% will be paid to the firm and the bank Guarantee (BG) will produce a recording of depositing the same with GOI.
- 8) Software developed by the firm will have to be handed over to the indenter
- 9) No advance shall be made and payment will only be released after Satisfactory Certificate is issued by the indenter as per rules
- 10) CRIDA shall be the only and sole owner of the job work. No vendor shall use the project/work captured while fulfilling the obligations of the quotation for any other purpose without the written permission of the competent authority at CRIDA.
- 11) The location of the project/work would be as per the advice of the indenter.
- 12) All questions, disputes or differences in connection with project/work, if any shall be subject to the executive jurisdiction of the court within the local limits of Hyderabad.

Sealed Quotations which do not conform with the above terms and conditions will not be considered. The Director, Central Research Institute for Dryland Agriculture, reserves the right to accept or reject any or all quotations without assigning any reasons thereof.

Yours faithfully



(Er.C.V.K. N. Rao)

Stores and Purchase Officer

Specifications for development of DSS for Monitoring and Evaluation of Watershed Projects:

1. Development of a **Decision Support System (DSS) for Monitoring and Evaluating Sustainability of Watershed Projects** under the technical program of National Fellow-Scheme: *Assessment of Impact of Sustainable Land Management Practices initiated in developed /Treated Watershed in Rainfed Agro-Eco sub region of Telangana, AP – A GIS based study.*
2. This DSS is aimed to facilitate the activities of Project Implementing Agency (PIA) of Watershed Projects in the country. They can use it to carryout mid-term corrections in Watershed Program Implementation Phase. The DSS will facilitate evaluation of watershed projects by Funding Agencies that can critically monitor & evaluate watershed projects for continued funding or otherwise. This will prevent wasteful investment on non-performing watershed projects.
3. The DSS would be designed using the Open- Source GIS packages so that it can be shared with multiple agencies that do not have access to propriety GIS and RS packages.
4. The consultant will help and aid in implementation, evaluation and operation of the DSS model in the target environment and placement in CRIDA website.
5. The DSS would be developed using JAVA, PostGreSQL, QGIS and R. Use of Open-source GIS software is essential as it is proposed to host it on CRIDA website for dissemination to all agencies who develop, manage or evaluate watershed projects in India and who can source the free software from internet and use the DSS without any problem.
6. After development of the DSS, field validation will be conducted by the National Fellow (CRIDA) and the associated project staff with support of the consultant. After successful field validation, the consultant will help in hosting the DSS at CRIDA website.
7. The consultant will specifically help in the following two aspects:
 - Architectural Design & Framework for Data Handling and Processing
 - Generation of output using GUI