

## **NOTICE INVITING e-TENDER**

### **Corrigendum Notice**

As per instruction of Director IWST, the notice inviting e-tender regarding preparation of GIS Layers and Maps for the Project "Preparation of DPR for Rejuvenation of Krishna River through Forestry Interventions has been revised and last date and time for submission of bids has been extended to 28/06/2019, 12.00 pm.

*H.R. Subudhi* 19/6/19  
समन्वयक (सुविधाएँ) / Co-ordinator (Facilities)  
काष्ठ विज्ञान एवं प्रोगेगिकी संस्थान  
Institute of Wood Science & Technology  
मल्लेश्वरम / Malleshwaram, बंगलूर / Bengaluru-560 003

The Institute of Wood Science and Technology (IWST) Bengaluru invites only online bids for **Technical Services for Preparation of GIS Layers and Maps for the Project "Preparation of DPR for Rejuvenation of Krishna River through Forestry Interventions"** under two bid systems. Please visit the website [www.icfre.gov.in](http://www.icfre.gov.in) for further details. Last date for submission of tender is at 28-06-2019, 3.00 PM. The details of tender with specifications and complete terms and conditions are available on the MoEF&CC portal i.e. <https://moefcc.euniwizarde.com>

### **The schedule of activity is as follows:**

1.	Tender No. & Date	7-15/2019-20/IWST/Coord(F)/DPR date 20/06/2019
2.	Tender Inviting Authority:	The Director, Institute of Wood Science and Technology (Indian Council of Forestry Research and Education), 18 <sup>th</sup> cross, Malleshwaram, Bengaluru-560003, INDIA
3.	Brief description of Job	Technical Services for Preparation of GIS Layers and Maps for the Project " <b>Preparation of DPR for Rejuvenation of Krishna River through Forestry Interventions</b> ".
4.	Cost of Tender Document	The interested bidder will have to deposit the amount of Rs. 500 (Non Refundable) towards tender fee through bharatkosh ( <a href="https://bharatkosh.gov.in">https://bharatkosh.gov.in</a> )
5.	e-tender processing fee	Rs. 3,540/- (Rupees Three Thousand Five Hundred Forty Only)
6.	EMD (Bid Security)	An Earnest Money Deposit of Rs. 1,00,000/- (Rupees One Lakh Only) in the form of DD / FDR / Bank Guarantee / Bankers Cheque issued by any nationalized bank, in favour of Director, Institute of Wood Science and Technology, Bengaluru
7.	Tender documents available at Website	<a href="http://www.icfre.gov.in">www.icfre.gov.in</a> and <a href="https://moefcc.euniwizarde.com">https://moefcc.euniwizarde.com</a>
8.	Publish date	20 <sup>th</sup> June 2019
9.	Online Bid submission last date and time	28 <sup>th</sup> June 2019 12:00 Hrs.
10.	Venue and last date for submission of Original EMD offline:	28 <sup>th</sup> June 2019 12:00 Hrs The Director

		Institute of Wood Science and Technology (Indian Council of Forestry Research and Education) 18 <sup>th</sup> cross Malleswaram, Bengaluru-560003, INDIA
11.	Date and time for opening on line Technical Bid	28 <sup>th</sup> June 2019 15.00 Hrs.
12.	Date and time for opening on line Financial Bid	To be notified after technical Evaluation.
13.	Contact person	Name – Dr. A. Muthu Kumar Contact no. -080-22190153

**NOTE: All other details including any date extension, clarification, amendments, etc. may be obtained through the site, or during the pre-bid meeting if any. Bidder should take into account the corrigendum published from time to time before submitting the online bids.**

On-line tender is invited in twin bid systems i.e. technical bid & financial bid from concerned agencies and producers those have completed at least one projects of “Similar Nature” of work in a Government Department/PSU/Autonomous Body or any reputed organization will be preferred.

The details of tender with complete terms and conditions are available on the MoEFCC Portal at URL: <https://moefcc.euniwizarde.com> and website [www.icfre.gov.in](http://www.icfre.gov.in) which may be read out carefully before applying the same.

### **1. PURPOSE OF TENDER**

- a) Data integration from already existing maps, GIS datasets, database & various layers available with National & State Level Departments/Organizations/institutes.
- b) To prepare a geo-referenced database map in GIS environment and update/collect information as per work allotted.
- c) Technical co-ordination and support of GIS activities to other experts & subject matter specialist and other work groups of IWST.
- d) Analysis of the geographical area on the basis of various criteria and indicators and presenting the same as tables, graphs and chapters.

### **2. TENDERING/BIDDING PROCESS**

- a) The tenders/bids are to be submitted as per the single stage single envelope system and all the eligibility, technical and financial details should be uploaded as a single document.
- b) Financial bids of only those firms who qualify the technical evaluation will be considered by the committee.

### **3. INSTRUCTION TO BIDDERS FOR E-TENDERING**

Submission of online Bids is mandatory for this Tender. For conducting electronic tendering, MoEFCC is using the portal <https://moefcc.euniwizarde.com> of M/s ITI Ltd, a Government of India Undertaking.

## **TENDER BIDDING METHODOLOGY**

The offer should be submitted through e-tendering mode in the website <https://moefcc.euniwizarde.com> as a single bid document containing two e-bid viz. Technical and Financial Bid. The Bid will be uploaded along with all signed and scanned documents those are required for particular tender.

## **BROAD OUTLINE OF ACTIVITIES FROM BIDDERS PROSPECTIVE:**

- i. Procure a Digital Signing Certificate (DSC).
- ii. Register on e-wizard portal.
- iii. View Notice Inviting Tender (NIT) on e-wizard portal.
- iv. Download official copy of Tender Documents from e-wizard portal.
- v. Bid-Submission on e-wizard portal.
- vi. Attend Public Online Tender Opening Event (TOE) on e-wizard portal
- vii. Consideration of Financial-part (Only for Technical Responsive Bidders).

For participating in this tender online, the following instructions need to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the e-wizard portal.

## **DIGITAL CERTIFICATE:**

It is mandatory for all the bidders to have class-III Digital Signature Certificate – Signing + Encryption (in the name of person who will sign the Bid) from any of the licensed Certifying Agency (Bidders can see the list of licensed CA's from the link ([www.cca.gov.in](http://www.cca.gov.in)) to participate in e-tendering.

## **REGISTRATION:**

To participate in the e-tendering submission, it is mandatory for applicants to get registered their firm/company in e-tendering portal of ITI. <https://moefcc.euniwizarde.com> to have user ID & password from M/s ITI Ltd., the Annual registration charges for vendors/suppliers are Rs.2000/+18% GST-per annum. The procedure for the registration is as under:

- I. Go to the website <https://moefcc.euniwizarde.com> In the home page, click on “Registration”
- II. In the Vendor Registration form, vendor has to fill up all the mandatory applicant details. After submission of registration form, you will get the verification link on your registered mail id, after verification you log in your account with your user id and password and complete the all activity related to registration etc. Document uploading, paid registration fee, after completion of registration payment, you need to send your acknowledgement copy on the help desk mail id: [ewizardhelpdesk@gmail.com](mailto:ewizardhelpdesk@gmail.com) for activation of your account.

**Please feel free to contact ITI Helpdesk (as given below) for any query related to e-tendering.**

Helpdesk landline No: 011-49606060, Email: ewizardhelpdesk@gmail.com  
Mr. Pavan – 9483459908

#### **4. GENERAL TERMS AND CONDITIONS**

- a) Quality Cum Cost Based System (QCBS) method will be used for evaluation and selection of consultants. In this method, proposals will be ranked according to their combined technical (ST) and financial (SF) scores. The weights for technical and financial scores will be 70 and 30 respectively.
- b) The bidder, who will qualify pre-qualification criteria, will be considered for technical evaluation. Bidders after qualifying in Technical Evaluation will only be considered for Financial Bid Evaluation.
- c) All bidders must quote the price in INR. Only for delivery at designated consignee address including all applicable taxes/duties. Rates are to be strictly quoted in Annexure - C of the tender document only, or else it will be considered as invalid.
- d) Irrespective of various costs/taxes, L1 bidder will be decided on the Grand Total. The taxes and duties should be mentioned separately and comparison will be carried out on the total costs without taxes.
- e) Conditional Tenders are liable to be rejected.
- f) In case of any dispute, the Director, Institute of Wood Science and Technology, Bengaluru shall decide the issue and his/her decision will be final and shall be the binding on the parties.
- g) The Director, Institute of Wood Science and Technology, Bengaluru reserves the right without assigning any reasons thereof to:
  - i. Accept or reject whole or any part of an offer.
  - ii. Reject any or all offers partly or wholly.
  - iii. Cancel or withdraw the Tender notice.
  - iv. Accept or reject any deviations from these conditions

#### **TENDER FEE AND EMD:**

- a) The interested bidders will have to deposit the amount of Rs. 500/- (Rupees Five Hundred Only) Non Refundable towards tender fee through bharatkosh(<https://bharatkosh.gov.in>).
- b) The Tender should be accompanied with DD / FDR / Bank Guarantee / Bankers Cheque issued by any nationalized bank of Rs. 1,00,000/- (Rupees One Lakh Only) in favour of the Director, Institute of Wood Science and Technology, Bengaluru as Earnest Money Deposit (EMD) and should be valid for six months from the date of bid opening. Tenders submitted without Earnest Money Deposit will be treated as invalid.
  - I. Original EMD should be submitted on or before last date of submission.

- II. The EMD will be refunded to the unsuccessful bidders. And for successful bidder, EMD will be returned after submission of Performance Security (Performance Security is 10% of the tender value).
- III. All MSEs as defined in MSE procurement policy issued by Department of MSME or area registered with central purchase organization and all start-ups defined as per GSR-364 (E) dated 11 April 2018 (recognized by DIPP) are exempted from EMD.

## **QUALIFYING REQUIREMENTS AND DOCUMENTS TO BE FURNISHED**

### **5. PRE-QUALIFICATION CRITERIA:**

**The Bidder, who qualifies the pre-qualification criteria, will consider for technical evaluation. (All Details should be provided as per Annexure – A & B)**

- 5.1. The bidder will have to deposit the amount of Rs. 500/- (Rupees Five Hundred Only) Non Refundable towards tender fee through bharkosh (<https://bharatkosh.gov.in>) (*Scanned copy of the same should be uploaded as part of the bid*).
- 5.2. The bidder will have to furnish an Earnest Money Deposit of Rs. 1,00,000/- (Rupees One Lakh Only) in the form of DD / FDR / Bank Guarantee / Bankers Cheque issued by any nationalized bank, in favour of Director, Institute of Wood Science and Technology, Bengaluru. (*Scanned copy of the same should be uploaded as part of the bid*)
- 5.3. The agency must be a firm or legal entity i.e. (Company incorporated in India under the (Indian) Companies Act 1956/2013 or a company incorporated under equivalent law abroad, Partnership Firm registered Partnership Act, 2008 or a Society registered under The Societies Registration Act, 1860. The applicant agency must have been operational in India from at least 10 years. (*Registration/Incorporation Certificate must be attached*)
- 5.4. The agency must have sufficient work experience in the field of Remote Sensing and GIS based projects in India for more than 10 years. (*Work orders and Completion Certificates must be attached as proof of experience*)
- 5.5. The agency must have experience of similar kind of services with Government organizations/Public Sector undertakings etc. during last seven years for which the cost of the single work order is more than Rs. 25 lakh. (*Work orders and Completion Certificates must be attached as proof of experience*)

- 5.6. The agency should have a well-established office with minimum infrastructure comprising High End Desk Top Computer/Work Station, A0 size on larger scanner, A0 size on larger plotter along with standard image processing ERDAS Imagine/ArcGIS/Geomedia software's. *(Proof must be attached for said infrastructure/facilities).*
- 5.7. The agency must have PAN of income tax department *(Attach PAN and Income Tax Clearance Certificate of last three F.Y.i.e. 2015-16, 2016-17 & 2017-18).*
- 5.8. The agency must have valid GST Registration Certificate *(Copy must be attached)*
- 5.9. The agency must have minimum annual turnover of Rs. 75 lakh in last three F.Y. i.e. 2015-16, 2016-17 & 2017-18. *(Certified copy of audited balance sheets along with Certificate from Chartered Accountant must be attached).*
- 5.10. The Consultant Firm shall not be a Consortium.
- 5.11. The agency must not have been black listed or debarred in any Central/ State Govt. / PSU/ Autonomous bodies and the like. *(Self-Declaration on Company letter head must be attached)*
- 5.12. The agency must not have been penalized by any Central/ State Govt. / PSU/ Autonomous bodies and the like for delayed completion of work or carrying substandard work. *(Self-Declaration on Company letter head must be attached).*
- 5.13. The agency must have sufficient technical staff/ man power along with experienced executives. *(Undertaking on Company letter head must be attached)*

**NOTE:**

*The information asked for in attached Annexure - A and B must be furnished in given format only and should be supported by necessary documents. It may be noted that supporting documents alone shall not be accepted as a substitute for the information asked for in the Annexure - A and B.*

## Annexure – A

### Pre-Qualification criteria - Compliances must be filled by the bidder

Sl. No.	Description	Compliance Yes/ No	Page No. of Documents attached
5.1	The bidders will have to deposit the amount of Rs. 500/- (Rupees Five Hundred Only) Non Refundable towards tender fee through bharatkosh ( <a href="https://bharatkosh.gov.in">https://bharatkosh.gov.in</a> ). <b>(Scanned copy of the same should be uploaded as part of the bid)</b>		
5.2	Earnest Money Deposit of <b>Rs. 1,00,000/- (Rupees One Lakh Only)</b> in the form of <b>DD/FDR /Bank Guarantee/Bankers Cheque</b> issued by any nationalized bank, in favour of <b>the Director, Institute of Wood Science and Technology, Bengaluru</b> . <b>(Scanned copy of the same should be uploaded as part of the bid)</b>		
5.3	The agency must be a firm or legal entity i.e. Company incorporated in India under the (Indian) Companies Act 1956/2013 or a company incorporated under equivalent law abroad, <b>Partnership Firm</b> registered Partnership Act, 2008 or a <b>Society</b> registered under The Societies Registration Act, 1860. The agency must have been operational in India from at least 10 years. <b>(Registration/Incorporation Certificate must be attached)</b>		
5.4	The agency must have sufficient work experience in the field of Remote Sensing and GIS based projects in India <b>for more than 10 years</b> . <b>(Work orders and Completion Certificates must be attached as proof of experience).</b>		
5.5	The agency must have experience of similar kind of services with Government organizations/Public Sector undertakings etc. during last seven years for which the cost of the single work order is more than Rs. 25 lakh. <b>(Work orders and Completion Certificates must be attached as proof of experience).</b>		
5.6	The agency should have <b>well established office</b> with minimum infrastructure comprising High end Desk Top Computer/Work Station, A0 size on larger scanner, A0 size on larger plotter along with standard image processing (Erdas Imagine/ArcGIS/Geomedia software's). <b>(Proof must be attached for said infrastructure/facilities).</b>		
5.7	The agency must have PAN of income tax department. <b>(Attach PAN and Income Tax Clearance Certificate of last three F.Y. i.e. 2015-16, 2016-17 &amp; 2017-18)</b>		
5.8	The agency must have valid GST Registration Certificate <b>(Copy must be attached)</b>		
5.9	The agency must have minimum annual turnover of <b>Rs. 75 Lakhs</b> in last three F.Y. i.e. 2015-16, 2016-17 & 2017-18. <b>(Certified copy of audited balance sheets along with Certificate from Chartered Accountant must be attached).</b>		
5.10	The Consultant Firm shall not be a Consortium		
5.11	The agency must not have been black listed or debarred in any Central/ State Govt. / PSU/ Autonomous bodies and the like. <b>(Attach Self-Declaration on Company letter head)</b>		
5.12	The agency must not have been penalized by any Central/ State Govt. / PSU/ Autonomous bodies and the like for delayed completion of work or carrying substandard work. <b>(Attach Self-Declaration on Company letter head).</b>		
5.13	The agency must have sufficient technical staff/ man power along with experienced executives. <b>(Attach Undertaking on company letter head)</b>		

**Signature of Bidder**

**Name With Seal of the Firm**

**PRE-QUALIFICATION CRITERIA**

**PARTICULARS OF THE FIRM**

<b>1.</b>	Name of Consultant / consulting firm	:	
<b>2.</b>	Type of organization (individual / partnership / corporation / other)	:	
<b>3.</b>	Date of establishment	:	
<b>4.</b>	Corporate / Registered office address in full	:	Address: Pin: E-Mail: Phone: Fax:
<b>5.</b>	Local Business office address in full	:	
<b>6.</b>	Contact person for this Tender	:	Name: Designation: Full Address: Pin: Email: Phone:
<b>7.</b>	Authorized person who has signed Tender Documents	:	Name: Designation: Full Address: Pin: Email: <a href="mailto:sciencepariwar@gmail.com">mailto:sciencepariwar@gmail.com</a> Phone:

**8. Details of Financial turnover:**

S. No.	Financial Year	Total Turnover (In INR)
<b>1</b>	<b>F.Y. 2015-16</b>	
<b>2</b>	<b>F.Y. 2016-17</b>	
<b>3</b>	<b>F.Y. 2017-18</b>	



**9. Details of sufficient work experience in the field of Remote Sensing and GIS based projects in India for more than 10 years:**

S. No.	Title of the Assignment	Name of the Client	Start date (Month/Year)	Completion Date (Month/Year)	Cost of the assignment	Proof of Completion Attached

**10. Details of similar kind of services with Government Organizations/Public Sector Undertakings etc. during last seven years for which the cost of the single work order is more than Rs. 25 lakh:**

S. No.	Title of the Assignment	Name of the Client	Start date (Month/Year)	Completion Date (Month/Year)	Cost of the assignment	Proof of Completion Attached

**Enclosures:**

- (a) Any other relevant document(s) (please list)
- (b) Pre-qualification compliance (**Filled Annexure-A must enclosed**)

**Signature of Bidder**

**Name**

**With Seal of the Firm**

**Date:**

**Place:**

**Annexure C**

**FINANCIAL BID**

The financial bid will be supplied only in the prescribed format below:

<b>Tender Inviting Authority:</b> The Director, Institute of Wood Science and Technology (Indian Council of Forestry Research and Education) 18 <sup>th</sup> cross, Malleswaram, Bengaluru-560003, INDIA				
<b><u>Schedule of Works</u></b>				
<b>Sl. No</b>	<b>Description of Work</b>	<b>Qty.</b>	<b>Unit Price (In Rs.)</b>	<b>Total Price (In Rs.)</b>
1.	<b>Technical Services for Preparation of GIS Layers and Maps for the Project “Preparation of DPR for Rejuvenation of Krishna River through Forestry Interventions.</b>	01 Job		
	Total Price (In Rs.)			
	Tax/GST @ 18%			
	Grand Total in Figures			
	Grand Total in Words –			

**Signature of Bidder**

**Name**

**With Seal of the Firm**

**Date:**

**Place:**

## 6. TECHNICAL EVALUATION

Pre-qualification criteria given in para – 4 will be evaluated by Tender Committee and those qualify will be considered for further evaluation.

Technical Bid shall bear maximum marks 100 and the minimum marks for qualifying the technical bid shall be 70 marks. Bidders after qualifying in Technical Evaluation will only be considered for Financial Bid Evaluation.

The breakup of maximum marks shall be based on the following parameters:-

S. No.	Parameter	Max. Score	Details	Break Up	Page No. of Documents attached
1.	The Bidder should have minimum annual turnover of Rs. 75 lakhs for last three F.Y. i.e. 2015-16, 2016-17 & 2017-18.	10	Rs. 75 Lakh to Rs. 1.00 Crore.	05	
			Above Rs. 1.00 Crore.	10	
2.	The Bidder should have experience of similar kind of services with Government organizations/Public Sector undertakings etc. during last seven years for which the cost of the single work order more than Rs. 25 lakh. (Completion Certificate must be enclosed along with work order)	20	One Project	10	
			More than one Project	20	
3.	Bidder must have relevant ISO 9001:2008 or 9001:2015 certification in the Line of Business. (Copy of ISO Certificate must be attached)	10	No	0	
			Yes	10	
4.	Sr. Consultant/Team Leader should have minimum qualification of Post-Graduation or M. Tech. in relevant field or PG Diploma in Remote Sensing /GIS/Geoinformatics with experience of minimum 5 years in Remote Sensing & GIS. (Detailed CV along with qualification documents must be enclosed)	20	No	0	
			Experience - 5 to 10 years	10	
			Experience - more than 10 years	20	
5.	A detailed work plan, proposed Approach and Methodology along with timeline. Technical approach to be followed by the consultant for completing the project.	40	No	0	
			Yes	Up to 40	

### NOTE:

- A clear and detailed Approach and methodology towards the assignment. A work plan on how the methodology will be executed in the given time shall be attached. IWST, may request the shortlisted consultants to make presentation if required. (The dates of presentation would be intimated accordingly).
- The documents already enclosed in pre-qualification criteria, need not to be attached again. Page no. should be mentioned clearly for the technical evaluation.

## 7. EVALUATION OF PROPOSALS

A three-stage evaluation procedure will be adopted,

### **Stage - 1            EVALUATION OF TECHNICAL PROPOSAL**

The Technical evaluation committee appointed by IWST will carry out its evaluation applying the evaluation criteria and point system.

The technical evaluation criteria will include the firm's relevant experience, technical manpower (qualifications, availability and experience) and availability of necessary infrastructure machinery etc. The technical evaluation also includes examination of the quality of samples/reports of past jobs submitted with the proposal. Evaluation will be carried out for total technical score (ST) of 100 and scoring 70 points out of 100 will be the eligible criteria for financial evaluation.

### **Stage - 2            EVALUATION OF FINANCIAL PROPOSAL**

The evaluation committee will determine if the financial proposals are complete and without computational errors. The lowest financial proposals (FM) (The currency is in Indian Rupees) will be given a financial score (SF) of 100 points. The financial scores of other proposals will be computed as follows:

**SF= 100 x FM/ F(Where F is amount mentioned in the financial proposal under evaluation, and FM is the amount mentioned in the lowest financial proposal).**

### **Stage - 3            FINAL EVALUATION OF THE BID**

Proposal will finally be ranked according to their combined technical (ST) and financial (SF) scores using the weights **S = ST x T% + SF x F%**

**The weight (T %) given to the Technical Proposal is 70%**

**The weight (F %) given to the Financial Proposal is 30%**

## **8. SCOPE OF WORK:**

The following GIS layers needs to be prepared.

- **Watershed boundary delineation up to Micro watershed level**
- **Demarcation of Catchment area.**
- **Demarcation of study area boundary.**
- **Creation of State, District and Sub-district boundaries from Census of India**
- **Creation of mosaic of Village boundaries from Census of India.**
- **Landuse to be prepared from Satellite Data using visual interpretation at 1:50,000 scale (Built-up Land, Agricultural Land, Forest, Waste Lands, Water Bodies and Areas which are important or sensitive for ecological reasons like Wetlands, watercourses or other water bodies, biospheres, mountains, forests, Protected Areas, Notified Eco-sensitive areas, mangroves etc.) Interpretation has to be carried out at 1:35,000 scale and outputs to be prepared at 1:50,000 scale.**
- **Creation of Digital Elevation Model (DEM)**
- **Slope**
- **Aspect**
- **Preparation of georeferenced database map in GIS environment for**
  - **Forest Type**
  - **Forest Density**
  - **Soil Type**
  - **Soil Erosion**
- **Drainage Map from satellite data**
- **Road and Settlement locations from topographical sheets**
- **Identification of suitable zones using multi-criterion analysis for forestry interventions.**
- **Demarcation of boundaries for different categories of forestry interventions as provided by stake holders on very high resolution satellite image.**
- **Composition of maps in A0 or A1 size and A4 size for Report Purpose**
- **Ground Truth verification for Landuse and Forest Density Map**
- **Map/Graph/Chart/Statistics for Report need to be prepared**

- i. The above list indicates the role and responsibility of Technical Service Provider with reference to preparation of GIS layers and maps.
- ii. All data to be used has to be procured by the service provider however the parent organization would provide the projection parameters for Lambert Conformal Conic projection with Spheroid and datum as WGS84 for re-projecting all layers into LCC projection to the successful bidder. Geo-rectification of received/procured datasets would be the responsibility of the successful bidder.
- iii. Map composition has to be done for the riverscape.
- iv. For preparation of reports and presentation thereof the Technical Service Provider shall provide clear description of methodology to be adopted and they should imbibe GIS Compatibility of information/attribute data in all the phases and stages of the subject of his assignment.
- v. The correspondence on behalf of the service provider would be done by the IWST with the National & State level Departments/Organizations/Institutes to expedite the procurement of already existing maps & databases. However the job to expedite & procurement would be of the service provider.
- vi. All the maps and databases, both original and derived, in hard & soft copy, would now and in future continue to be the property of IWST and would not be used/ utilized by the service provider for any other purpose or project, whatsoever.
- vii. Layers ready to be used in GIS environment must be produced. All GIS layers developed/procured by service provider should be written in CD/DVD in a format compatible with ERDAS and ArcGIS software.
- viii. The service provider would provide a draft report on Remote Sensing component and would submit the final report to the committee duly constituted by the Director, IWST.

## **9. TIME SCHEDULE OF WORK**

- a) The complete scope of work is to be completed within a maximum period of 6 months.
- b) Time is essence of this contract. Therefore, no extension of time for whatsoever reason shall be permitted without the approval of Director IWST.

## **10. DECIDING AWARD OF CONTRACT**

- a) Quality and competence of the technical service provider shall be considered as the paramount requirement. Followed by financial bids.
- b) The Director, Institute of Wood Science and Technology, Bengaluru reserves the right to accept or reject any or all the proposals without assigning any reason.
- c) You are requested to hold your proposal valid for 30 (Thirty) days from the date of submission. During this period you will maintain, your proposed price without change. The IWST will make its best efforts to finalize the agreement within this period.
- d) Please note that the cost of preparing a proposal and contract including visits to IWST, if any is not reimbursable.

## **11. REGARDING CONTRACT**

- a) If any part of the contract does not correspond or agree with any other part, or if any question arises as to the meaning of the terms of the contract or as to the performance of the work, the Director, Institute of Wood Science and Technology, Bengaluru shall determine the matter and his/ her decision shall be final and binding upon the parties hereto.
- b) The contract when executed by the parties hereto shall constitute the entire contract between the parties in connection with the works covered, and shall be binding upon the parties hereto or upon either of them unless the said modification shall be in writing and duly executed by IWST and the firm.
- c) The contract shall not be assigned or sublet in whole or in part by the firm without prior written consent of the Director, Institute of Wood Science and Technology, Bengaluru. Any assignment or subletting of this contract by the firm without prior written consent of the Director, Institute of Wood Science and Technology, Bengaluru or any interest therein, or of an money due or to become due by reason of the terms hereof, shall be null and void.
- d) The Director, Institute of Wood Science and Technology, Bengaluru has the powers to cancel the contract at one-week notice, if the services of the contractor are found unsatisfactory or otherwise.

## **12. TAXES & DUTIES**

- a) The prices shall be inclusive of all taxes & levies including GST and other statutory duties as applicable. Rate of taxes should be indicated separately in the Price Bid.
- b) Statutory deduction, wherever applicable, shall be made from invoice as per government rules. Necessary certificate will be issued for such deductions.
- c) GST component of the invoice of the bidder may be kept on hold in case there is any mismatch/irregularity in GST return filling on the part of the bidder.

## **13. PENALTY**

In the event of failure to meet the job completion in stipulated date/time liquidated damage may be imposed on the contractor for sum not less than 0.5% of the contract value for that item/job for each week or part thereof.

## **14. TERMS OF PAYMENT**

- a. 30% payment will be made to the Technical Service Provider on signing of the contract.
- b. 30% payment will be made to the Technical Service Provider on Submission of Draft report and map.
- c. 40% Final payment will be made on submission and acceptance of work along with Final Report by the department.

## **15. ARBITRATION**

In the event of any dispute arising out of or relating to this tender, it should be referred to sole arbitration of the Director, Institute of Wood Science and Technology, Bengaluru or any other person nominated by him whose decision will be final and binding for both the parties.

**Director IWST**