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INSTITUTE OF FOREST BIODIVERSITY

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Indian Council of Forestry Research and Education

(An autonomous body under Ministry of Environment, Forest & Climate Change, Government of India)

Dulapally, Kompally S.O., Hyderabad – 500 100

No.6-317/IFB/DPRGODAVARI/2019-20/

Date: 18th June, 2019

**CORRIGENDUM**

Attention is invited to the open tender ref no. DPR Project/IT/GIS Services /1/2019, dated: 06<sup>th</sup> June, 2019 for the “Technical Services for Preparation of GIS Layers and Maps for the project “Preparation of DPR on rejuvenation of River Godavari through Forestry Interventions”.

The modified Technical specifications have been revised as follows:

- 1. A Pre Bid meeting is scheduled on 20th June, 2019 at Institute of Forest Biodiversity at 12:00 PM. Any interested Bidder may participate in the meeting.**
- 2. EMD(Bid Security): Rs.1,00,000(Rupees One Lakh ) only in the form of Bank/Draft/FDR/Bank Gurantee/Bankers Cheque issued by any nationalized bank in favour of Director ,Institute of Forest Biodiversity payable at Hyderabad and valid for six months .All MSMEs as defined in MSME 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.**

**3. SCOPE OF WORK (i.e SI No.7 in the tender Document may be read as follows):**

**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**
- **Forest Type Map preparation**
- **Forest Density Map preparation**
- **Soil Type Map preparation**
- **Soil Erosion Map preparation**
- **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 AO 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 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 G.I.S. 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 Institute of Forest Biodiversity 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 Institute of Forest Biodiversity 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) service provider 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, Institute of Forest Biodiversity.

**3. Under Pre – Qualification Criteria** (i.e. Sl No.4 in Tender Document), point no. **4.7** may be read as follows:

The agency must have PAN of income tax department (Attach PAN and Income Tax Clearance Certificate of last three years i.e. **2015-16, 2016-17 & 2017-18**).

**4. Under Pre – Qualification Criteria** (i.e. Sl No.4 in Tender Document), point no. **4.9** may be read as follows:

The agency must have minimum annual turnover of Rs.75 lakh for the 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 attach)

**5. In Annexure – A, Pre – Qualification Criteria – Compliances** must be filled by the bidder ,point no. **4.9** may be read as follows :

The agency must have minimum annual turnover of Rs.75 Lakhs for 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 attach).

**6. Under Technical Evaluation, Sl.No.3** in the table may be read as follows:

The Bidder must have local office in Hyderabad is not mandatory.

sd/-

Director

