



Sub: NCSCM- CMR Division- Development of CoMBINe Web Portal - Bids invited- reg.

1. National Centre for sustainable Coastal Management Centre has been established as a centre under SICOM MoEf, GOI, New Delhi under World Bank Funded ICZM Project. The NCSCM is undertaking integrated planning and management of Coastal and Marine areas in India.
2. The GOI has received a credit from the IDA towards the cost of ICZM Project and intends to apply a portion of funds to eligible payment under the contract for which invitation of quotes is issued.
3. The Director , NCSCM, Chennai invites quotations from eligible bidder for the work of development of database Architecture for CoMBINe (Coastal and marine Biodiversity Integration Network) as per the specific characteristics from the eligible bidders as enclosed in the Annexure.
4. The last date of submission of bid is on 04.09.2013 @ 10.30 A.M.
5. The quotation will be opened on 04.09.2013 @ 11.00 A.M in the presence of bidders or their representatives.
6. The period of completion of activity is 3 Months.
7. The rates quoted will remain valid for a period of 45 days after the dead line date specified for submission of quotations.
8. Each bidder shall submit one quotation only.

Development of CoMBINe Architecture & Web Portal

(Coastal and Marine Biodiversity Integration Network)

Task description

Designing and developing the architecture for indexing and retrieving data housed in biological repositories; storing and disseminating biological and geo-spatial distribution information about organisms through orchestration and integration of biodiversity

Key characteristics

Key Functions of CoMBINe architecture/Portal	Essential features / capabilities to be integrated
Database Design	Designing Database as per Darwin Core and standardize to create CoMBINe Data Set Metadata standard along with DiGIR protocol should be used for data sharing between relevant national / international databases with a request and response message format for communication between data provider, portal engine, and applications.
Data Collection	Collection of data from multiple, independent, heterogeneous biodiversity datasets to support querying, analyzing, modeling and visualizing Automatically Collecting Data from 2 National & 3 International Biodiversity Databases through web services / web scrapping
CoMBINe Validator	Workflow based data validation engine to allow various team of scientist to analyze the data collected in the above stage to validate, edit and finalize the data set to be uploaded to CoMBINe Data Set with features as below: <ul style="list-style-type: none"> • Queue Management • Automated Workflow system • Reporting & analysis
CoMBINe Portal	Portal to be developed to allow users to query and discover information about various species/ create data pertaining to new species; Data integration using Rest services
Search server	Database Indexing Intelligent query engine Search agent Crowd data monitor Personalization Social Input

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Eligibility Criteria for the Bidder

Offers received from the bidders who do not fulfill all or any of the following eligibility criteria are liable to be rejected.

NCSCM reserves the right to verify/ evaluate the claims made by the bidder independently and its decision shall be final, conclusive and binding upon the bidder.

No.	Criteria	Documents to be submitted
1	Bidder should be a registered company in India under Companies Act 1956.	Certified copy of the Certificate of Incorporation and Certificate of Commencement of Business
2	Bidder should be in the business of Software development with special thrust on end-to-end services of Environmental/Biological Database designing and Management for more than 5 years in India as on 10 Aug 2013. Knowledge on infrastructure management is must.	Authorization letter, if the bidder is an authorized agent. Letter from the Solution owner (if the bidder is not the solution owner), authorizing the bidder to participate in the tender and an undertaking to provide necessary maintenance and support during the contract period.
3	Bidder should present a demo about a real-time application as Proof of Concept	Demo at the time of technical evaluation (to be communicated subsequently)
4	The bidder should have worked in the domain of Biodiversity	Audited/Un-audited financial statements; Proof of claim
5	The bidder should have worked on Database Retrieval based Project earlier with any of Central Government Organizations especially on environmental/ biodiversity aspects	Proof of claim to be submitted
7	Bidder should not have been blacklisted by any Government Agencies, PSU/Private Bank/Financial Institution / IBA/RBI as on date of submission of the bid.	Self-declaration on the company letter Head by the authorized signatory
8	Certification of bidder by national and international standards organization is desirable (ISO 9001:2008 / ISO 27001:2004, etc)	Proof of claim to be submitted

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