

कार्यालय प्रधान मुख्य वन संरक्षक एवं वन बल प्रमुख

(ग्रीन इंडिया मिशन शाखा)

सतपुड़ा भवन, भोपाल (म.प्र.)

Office Phone: 0755-2552401 Email: apccfgim@mp.gov.in

क्रमांक/GIM/2022/ 37

भोपाल, दिनांक 10/01/2022

प्रति,

आयुक्त,

जनसंपर्क विभाग,

बाणगंगा मार्ग, भोपाल (म.प्र.)

विषय :- विज्ञापन प्रकाशन बाबत।

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उपरोक्त विषयान्तर्गत लेख है कि संलग्न विज्ञापन मध्य प्रदेश में भोपाल से प्रकाशित होने वाले किसी प्रचलित दो राज्य व एक राष्ट्रीय स्तर के हिन्दी व अंग्रेजी दैनिक समाचार पत्र में दिनांक 17/01/2022 में प्रकाशित कराने का कष्ट करें।

संलग्न:- उपरोक्तानुसार।

(संजय पाठक)

सहायक वन संरक्षक

(ग्रीन इंडिया मिशन)

सतपुड़ा भवन, भोपाल

पृष्ठां.क्रमांक/GIM/2022/ 38

भोपाल, दिनांक 10/01/2022

प्रतिलिपि:-

1. अपर प्रधान मुख्य वन संरक्षक (सूचना प्रौद्योगिकी), सतपुड़ा भवन, भोपाल (म.प्र.)। कृपया टी.ओ.आर संलग्न कर भेजी जा रही है। विभागीय वेबसाईट पर अपलोड कराने का कष्ट करें।
2. जनसम्पर्क अधिकारी, वन विभाग, सतपुड़ा भवन, भोपाल (म.प्र.) की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

मी 31/1

अ.प्र.मु.वन.सूचना प्रौद्योगिकी
मध्य प्रदेश, भोपाल

10/11/22

सहायक वन संरक्षक

(ग्रीन इंडिया मिशन)

सतपुड़ा भवन, भोपाल

Office of The Principal Chief Conservator of Forests and Head of Forest Forces

(Section: Green India Mission)

M.P. Forest Department

Satpura Bhawan, Bhopal (M.P.)

Office Phone: 0755-2552401 Email: apccfgim@mp.gov.in

ESIP/2022/ 39

Bhopal, Date 1.12/01/2022

NOTICE FOR EXPRESSION OF INTEREST

The office of the Principal Chief Conservator of Forests and Head of Forest Forces, (Section: Green India Mission), MP Forest Department, Satpura Bhawan, Bhopal invites eligible organizations and agencies to indicate their interest in providing the Consultancy Services for " **High Resolution Satellite Imagery Processing**". Interested candidates should apply in prescribed format to the undersigned. Details are available on department's website www.mpforest.gov.in. The details about the work and application form can also be obtained from the Office of the Additional Principal Chief Conservator of Forest (Green India Mission) on any Working Days. The last date of the submission is 07/02/2022 up to 17.00 P.M.


Assistant Conservator of Forest
(Green India Mission)
Satpura Bhawan, Bhopal (M.P.)

कार्यालय प्रधान मुख्य वन संरक्षक एवं वन बल प्रमुख

(ग्रीन इंडिया मिशन शाखा)

सतपुड़ा भवन, भोपाल (म.प्र.)

Office Phone: 0755-2552401 Email: apccfgim@mp.gov.in

कार्यालय प्रधान मुख्य वन संरक्षक एवं वन बल प्रमुख

(ग्रीन इंडिया मिशन शाखा)

सतपुड़ा भवन, भोपाल (म.प्र.)


Office Phone: 0755-2552401, Email: apccfgim@mp.gov.in

ई.एस.आई.पी / / 2022 40

भोपाल, दिनांक 10/01/2022

NOTICE FOR EXPRESSIONS OF INTEREST

प्रधान मुख्य वन संरक्षक एवं वन बल प्रमुख (शाखा: ग्रीन इंडिया मिशन) कार्यालय, मध्यप्रदेश वन विभाग, सतपुड़ा भवन, भोपाल ने योग्य संस्था एवं एजेंसी को "Processing of High Resolution Satellite Imagery" के कार्य के लिए आवेदन आमंत्रित किया है। इच्छुक संस्था निर्धारित प्रारूप में आवेदन कर सकते हैं। अधिक जानकारी विभाग की वेबसाइट www.mpforest.gov.in पर उपलब्ध हैं। आवेदन पत्र के बारे में विवरण किसी भी कार्य दिवस पर अपर प्रधान मुख्य वन संरक्षक, कार्यालय (ग्रीन इंडिया मिशन) से भी प्राप्त किया जा सकता है। आवेदन प्रस्तुत करने की अंतिम तिथि 07/02/2022 शाम 17.00 बजे तक है।


सहायक वन संरक्षक
(ग्रीन इंडिया मिशन)
सतपुड़ा भवन, भोपाल (म.प्र.)



**REQUEST FOR EXPRESSION OF INTEREST (REOI)
FOR
"SELECTION OF A FIRM FOR HIGH RESOLUTION
SATELLITE IMAGE PROCESSING OF FOREST CHANGE &
PLANTATION MONITORING
UNDER ESIP TREATMENT AREAS IN 3 DIVISIONS
(SEHORE, HOSHANGABAD & NORTH BETUL) IN
SELECTED LANDSCAPE OF MADHYA PRADESH**

NOVEMBER 2021

**Ecosystem Services Improvement Project (ESIP)
State Project Implementation Unit
Office of the Addl. Principal Chief Conservator of Forest
Green India Mission
Satpura Bhawan, Bhopal (M.P.)-462004
Phone:- 0755-2552401, E-Mail apccfglin@mp.gov.in**

REQUEST FOR EXPRESSIONS OF INTEREST (CONSULTING SERVICES– FIRM SELECTION)

Project – ECOSYSTEM SERVICES IMPROVEMENT PROJECT (Project # 133803)

Project Agreement No. – TF-A3990 IN

EoI Date:/11/2021

Reference No.....

ASSIGNMENT TITLE:

**“SELECTION OF A FIRM FOR HIGH RESOLUTION SATELLITE
IMAGE PROCESSING OF FOREST CHANGE & PLANTATION
MONITORING**

**UNDER ESIP TREATMENT AREAS IN 3 DIVISIONS (SEHORE,
HOSHANGABAD & NORTH BETUL) IN SELECTED LANDSCAPE OF
MADHYA PRADESH**

1. The Madhya Pradesh Forest Department, through the Government of India, Ministry of Environment, Forest & Climate Change (MoEF&CC) and World Bank, has received grant-in-aid from the World Bank towards the cost of the ECOSYSTEM SERVICES IMPROVEMENT PROJECT (ESIP), and intends to apply part of the proceeds toward consulting services for this assignment.
2. The consulting services (“Services”) are for **“SELECTION OF A FIRM FOR HIGH RESOLUTION SATELLITE IMAGE PROCESSING OF FOREST CHANGE & PLANTATION MONITORING UNDER ESIP TREATMENT AREAS IN 3 DIVISIONS (SEHORE, HOSHANGABAD & NORTH BETUL) IN SELECTED LANDSCAPE OF MADHYA PRADESH”** and require requisite experience and capabilities in analyzing and processing images of forest change and plantation for the project. Details of the assignment are provided in Terms of Reference, uploaded at www.mpforest.gov.in. All updates regarding the procurement will be available on the website only.

3. The objective of the assignment:

In order to achieve the project objectives, Green India Mission (GIM), Madhya Pradesh Forest Department, State Project Implementation Unit (SPIU) proposes to select an independent and external firm with the requisite skills and proven experience in processing and analyzing forest change and plantation images for the project.

4. Contract Period:

The selected firm will initially be offered a Contract for a period of 06 months; renewal for any additional period is subject to satisfactory performance in the initial contract period and further requirements (if any) by O/o Addl. P.C.C.F., GIM & National Project Director, ESIP, M.P. Forest Department, Bhopal (M.P.).

5. The scope of services will include:

- Plantation Monitoring / Change over a period of 10-5 years (latest image archive)
 - Water body change in Area of Interest (AOI) and boundary demarcation
 - Forest Cover Change and Forest Density under ESIP treated areas (AOI)
 - Accuracy assessment should be done in automated manner including positional accuracy and RMS error report.
6. ESIP-SPIU Madhya Pradesh now invites eligible consulting firms (Consultants) to indicate their interest in providing these services. Interested Firms should provide information demonstrating that they have the required qualifications, skills, expertise, and experience to perform the desired services.

The EOI document shall be available from the advertisement date till the due date on the website of State Forest Department, Madhya Pradesh at www.mpforest.gov.in, which can be obtained by the firms by way of downloading from the website.

Firms are advised to submit their EOI in the appropriate formats specified in this document. At any time before the submission of proposals, O/o Green India Mission, ESIP-SPIU may, for any reasons, whether at its own initiative or in response to a clarification requested by a consulting firm modify the document by amendment. The amendment will be notified in the website aforesaid and revised documents / clarification if any shall also be uploaded on the website.



Preparation of EoI Proposal: Firms are requested to submit the EoI's as per the attached formats only. The proposals, which are not submitted in the required format, are liable to be rejected by the O/o Green India Mission, ESIP-SPIU.

The requirements of information to be provided by the Firm are described in Annexure-I of this document. Firms are requested to go through the EoI document carefully before preparing and submitting their proposal.

7. The Firms may be disqualified, if complete information sought in the EoI is not provided.
8. Any proposals containing vague and indefinite expressions will not be considered.
9. Shortlisting Criteria:
10. The Expression of Interest should include the following information, which will form part of the short-listing criteria (please provide the information in annexure I).
 - The firm should be in business for at least the last 03 years holding a valid Permanent Account Number (PAN)/TAN and GST Registration Number.
 - The agency should have an average annual turnover of Rs. 10.00 Lakh or above for the past 03 financial years (2018 – 2019; 2019 – 2020; 2020-2021).
 - Experience of the firm's nature of work with similar types of requisite experience and capabilities in processing & analyzing satellite imagery preferably in the state of Madhya Pradesh and in India.
 - Ability to work closely with Government Departments and coordinate with diverse government, non-governmental, and autonomous-governmental agencies.
 - Availability of qualified experts in fields relevant to lead the proposed work.
 - The agency should not have any unsatisfactory track record resulting in adverse action taken by any Government in India (an undertaking must be submitted).
11. The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank's Guidelines: Selection and Employment of Consultants [under IBRD Loans and IDA Credits & Grants] by World Bank Borrowers [January 2011, revised July 2014] ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest.
12. Consultants may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their technical qualifications. The submission should clearly state the type of association, including whether it is a joint venture or a sub-consultancy.



13. The final selection of the Consultant for processing and analyzing satellite imagery of forest change and plantation for the GIM-ESIP in the state will be in accordance with the Selection Based on the Consultants' Qualifications (CQS) method set out in the paragraph 3.7 of the World Bank's Guidelines: Selection and Employment of Consultants [under IBRD Loans and IDA Credits & Grants] by World Bank Borrowers [January 2011, revised July 2014].
14. A committee constituted by the O/o A.P.C.C.F., Green India Mission, M.P. State Forest Department will complete the evaluation and selection of the firm.
15. Interested Consultants may obtain further information at the address below during office hours i.e., 10.00 to 17.00 hours on all working days.
16. Expressions of Interest must be delivered in written form and should include the firm's demonstrated capacity to provide the required expertise. Expressions of Interest must be delivered to the address below through registered post/speed post/ by hand as hard copy and soft copy (CD) latest by 7th February 2022 till 1700 hours.



Address for Correspondence:-

Additional Principal Chief Conservator of Forest

Green India Mission

Upper Basement 'B' Wing, Satpura Bhawan.

Bhopal, Madhya Pradesh 462004.

Tele: 0755-2552401

Email: apccfgim@mp.gov.in Website: <https://www.mpforest.gov.in/>

Prescribed format for applying for

**SELECTION OF A FIRM FOR HIGH RESOLUTION SATELLITE IMAGE
PROCESSING OF FOREST CHANGE & PLANTATION MONITORING
UNDER ESIP TREATMENT AREAS IN 3 DIVISIONS (SEHORE,
HOSHANGABAD & NORTH BETUL) IN SELECTED LANDSCAPE IN MADHYA
PRADESH**

I) Organizational Profile

A – Firm's Profile (Maximum 2 pages)				
1.	Name of the Organization			
2.	Postal Address			
3.	Telephone: Mobile / Fax / E-mail			
4.	Contact Person Name and Designation with contact details			
5.	Registration Details: Registered on (Date) No. of Completed Years	Provide copy of the Registration Certificate and indicate whether Society/Trust/company/Others		
6.	Financial Average Turnover: Annual turnover should be at least Rs. 10.00 Lakh during the last three financial years required (Enclose Audited Balance Sheet)	Provide turnover of the Organization (on the basis of the audited account) in the last three Financial years in Indian Rupees.		
		2018-19	2019-20	2020-21
B – Firm's Experience				
1.	The firm should be in business for at least the last three years holding a valid Permanent Account Number (PAN)/ TAN and Service Tax Registration / GST Number or equivalent Registration in case of foreign applicants.			
2.	Evidence of the firm's experience with similar types of requisite experience and capabilities in processing satellite imagery related assignments in preferably in the state of M.P and in India.			
3.	Proven ability to work closely with Government Departments and coordinate with diverse government, non-governmental, and autonomous-governmental agencies.			
4.	The agency should not have unsatisfactory track record resulting in adverse action taken by Central/State Governments in India (an undertaking must be submitted).			

II) EOIs will be evaluated based on the short-listing criteria listed below.

S.No	Shortlisting Criteria	Criteria	Documents to be submitted	Proposed Scoring Criteria
1	2	3	4	5
1	The organization should be in business for at least the last three years holding a valid Permanent Account Number (PAN)/TAN and GST Registration Number.	Must Meet	Registration certificate, Copies of PAN, TAN and GST registration	-
2	The organization should have an average annual turnover of Rs. 25.00 Lakhs or above for the past 3 financial years (2018 – 2019; 2019 – 2020; 2020-2021).	Must Meet	Statutory Audit report to be attached	-
3	Evidence of the firm's experience with similar types of requisite experience and capabilities in processing satellite imagery and related assignments.	10 marks each for completed project in the field	Enclose list of relevant assignments, including evidence of conducting similar exercises in the development sector etc. with customer name and address, contact details, order value, and performance Certificates if any. Annexure-II	40
4	Proven ability to work closely with Government Departments and coordinate with diverse government, non-governmental, and autonomous-governmental agencies.	10 marks each for projects done for Govt./Semi-govt./PSU	Relevant orders, certificates, completion orders, etc. should be provided as evidence.	20
5	Availability of qualified experts in fields relevant to lead the proposed work.	10 marks for each expert having proven track record in the field	Consent document of the proposed expert.	40
6	The firm should not have any unsatisfactory track record resulting in adverse action taken by any Government in India (an undertaking must be submitted)	Must Meet	As per format provided at	-
	Total Score			100

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Green India Mission Madhya Pradesh

Ecosystem Services Improvement Project

Tabulation Sheet: Evaluation Criteria for Consultants' Qualifications Selection (CQS) Method

Recruitment of Consulting Firm for consultancy- Evaluation of Expressions of Interest (EOI)

	Shortlisting Criteria 3				Shortlisting Criteria 4		Shortlisting Criteria 5		
	Evidence of the firm's experience with similar types of requisite experience and capabilities in related domains. (Total Score = 40)				Proven ability to work closely with Government Departments and coordinate with diverse government, non-governmental, and autonomous-governmental agencies. (Total Score=20)		Availability of qualified experts in fields relevant to lead the proposed work. (Total Score=40)		
Evaluation Criteria's	Experience in Similar nature of projects	Experience in the region/state	Experience in transfer of knowledge and Training /CB	Specialization	No. of assignments carried out with government agencies in the state	No. of assignments carried out with government agencies at national level	General Qualifications	Adequacy for the Assignment	Experience in the Region and Language
Points allotted to each criteria	15	05	10	10	15	05	10	20	10
Name of Consultant Agency									

FIRMS'S EXPERIENCE – FORMAT

Assignment name:	Country: Location within country:
Name of Client:	Address:
Duration of assignment (months): Start date (month/year): Completion date (month/year):	Total No. of staff-months of the assignment:
Approx. value of the contract (in current INR):	
Name of associated Firms, if any:	
Name of associated consultants/Team Members:	Name of senior professional staff of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader etc):
Narrative description of Project:	
Description of actual services provided by your staff within the assignment:	



(On the letter head of the agency/firm)

Declaration

Date:.....

To whomsoever it may concern

I/We hereby solemnly take oath that I/We am/are an authorized signatory in the Firm/Society/ Company/Trust and hereby declare that "Our Firm does not face any sanction or any pending disciplinary action from any authority." Further, it is also certified that our firm does not have any unsatisfactory track record resulting in adverse action taken by any Government in India. In case of any further changes which effect this declaration at a later date, we would inform the O/o Addl. P.C.C.F, Madhya Pradesh Forest Department, Green India Mission accordingly.

Authorized Signatory

(with seal)

Ecosystem Services Improvement Project

Terms of Reference

Selection of a firm for “High Resolution Satellite Image Processing of Forest Change & Plantation Monitoring Under ESIP treatment areas in 3 divisions (Sehore, Hoshangabad & North Betul) in selected landscape in Madhya Pradesh

1. Background and Context:

The Government of Madhya Pradesh is implementing the Ecosystem Services Improvement Project (ESIP), which is a World Bank/GEF grant in support of the Green India Mission. The project development objective (PDO) is to analyze and monitor the forest cover change and plantation for the purpose of land management in selected landscapes in Madhya Pradesh. The current TOR is only for the part of the project being implemented in Madhya Pradesh. The project is being managed by the Additional Principal Chief Conservator of Forests (APCCF), Green India Mission in the State Forest Department. The project envisages to apply part of the grant proceeds for “high resolution image processing of forest change and plantation monitoring under ESIP treatment areas in the three project districts of Sehore, Hoshangabad and North Betul.

2. Objective of the Assignment:

The Department has developed a GIS based Monitoring System for plantation and other forestry related activities in Madhya Pradesh. The Department has procured following satellite imagery from Nation Remote Sensing Centre (NRSC):-

1. World View2
2. MAXAR High Resolution Satellite Imagery

The Department is using these images in GIS for making decision and using them as base maps and the department wishes to engage experienced government/semi government/Civil Society/Private institution/organization/agencies to perform the following in Sehore, Hoshangabad & North Betul divisions over approximately 500 sq.kms for change in forest cover, forest density, water body over two time periods.

3. Scope of Work:

Following is the scope of work for the proposed assignment:

1. Plantation Monitoring / Change over a period of 10-5 years (latest image archive)

2. Water body change in Area of Interest (AOI) and boundary demarcation
3. Forest Cover Change and Forest Density change in AOI
4. Accuracy assessment should be done in automated manner including field verification and positional accuracy and RMS error report.

The selected consultant agency will undertake the following specific tasks as part of the assignment. Please note, a few additional tasks may be required, if identified, during the course of implementing the assignment, which may not have been identified at this stage.

4. Duration of the Assignment

The total duration of the assignment is 06 months from the signing of the contract.

5. Deliverables and Payment Schedule

S. No.	Deliverable	Timeline – Months from Signing of Contract	Payment - % of Contract Value
1.	Inception Report	01 Month	15%
2.	Image Rectification using GCP collected from the field	01 Month	15%
3.	Forest Change & waterbody change Analysis over a period of 5-10 Years	02 Month	20%
4.	Forest Cover & Density Analysis using latest image archive	02 Month	20%
5.	Accuracy assessment and Final Report Covering the Developments of 06 Months	06 Months	30%

6. Team Composition

The consultants/Consultancy firm should have technical and other human resources as may be required; however, the following personnel are necessary to be deployed during the course of the assignment:

S. No.	Position/Title	Qualifications	Experience
1.	Remote Sensing expert (1)	MSc or MSc Tech in Remote Sensing or equivalent	5-10 Years
2.	GIS Expert (1)	Post Graduate Geography or Geo Science, PG Diploma in Remote Sensing & GIS of equivalent	5-10 Years
3.	Support Team (5-10)	Working Experience in the field of GIS and GPS for field survey and verification	3-6 Years