

Basic information	
<b>Position</b>	Geographical Information System (GIS) Developer
<b>Job location</b>	Ranchi, Jharkhand
<b>No of positions</b>	1
<b>Last Date of Application</b>	<b>05th November 2022</b>

**About PHIA Foundation**

Partnering Hope into Action (PHIA) Foundation is a Charitable Trust registered in India. Its vision is a society free from poverty, exclusion and discrimination and all people live with justice, peace and dignity. PHIA works for the eradication of poverty among the poor, vulnerable and marginalised communities in India. PHIA believes in promoting equality, dignity and social justice so that everyone regardless of gender, caste, class, ethnicity, religion, colour, culture and physical abilities can live a life free from poverty, exclusion and discrimination. It works in partnership with civil society and community-based organisations. PHIA facilitates the empowerment of poor, vulnerable and marginalised communities so that they can be in-charge of their own development. Gender equality crosscuts all of PHIA's work.

PHIA Foundation interventions and programmes are present in the states of Bihar, Jharkhand, Madhya Pradesh, Uttar Pradesh and Delhi NCR. It works on both long-term development programmes and humanitarian response. The organisation follows a rights-based approach for inclusive and sustainable development. Evidence-based advocacy to improve policy implementation is integral to its approach. PHIA works in partnership with a variety of stakeholders that include Civil Society Organisations (CSOs), the private sector, multilateral and bilateral development agencies, philanthropy institutions and the Government institutions to bring capabilities and capacities together to find scalable solutions to address poverty, and promote social justice, equity and dignity.

**About the Position**

PHIA Foundation, is seeking to hire a qualified candidate to fill the position of **Geographical Information System (GIS) Developer**. The position is for the project title *“Addressing Present Vulnerabilities and Planning Future Resilience for Vulnerable Communities in Bihar and Jharkhand”*. The project is a part of Infrastructure Climate Resilient Growth (ICRG) programme being implemented in seven states of the country with the donor support of Foreign, Commonwealth Development Organisation (FCDO). The project's main focus is to build local capacities and strengthen community participation to ensure that local voices are included in climate resilience planning.

Under the ICRG programme a web and mobile based GIS aided tool (CRISP-M) has been developed as a GIS and planning tool to support in planning, implementation and monitoring of MGNREGS. The tool has been customised as JHAR- CRISP for its implementation in the State. The tool is in its current phase of development with the technical support of International Institute of Environment and Development (IIED), UK and Jharkhand Space Application Centre (JSAC). During its initial phase, the project is being implemented in 5 districts of the State namely, Khunti, Simdega, Latehar, Palamu and Pakur. The piloting

and upscaling of the tool in the State is being done by PHIA foundation with the support of Department of Rural Development, Jharkhand. As a part of the project, a Climate Action Unit (CAU) will be set up at the Department of Rural Development. This CAU will act as a Project Management Unit (PMU) for JHAR-CRISP scale up.

***The project is expected to achieve the following objectives:***

1. Climate risk informed participatory planning of Integrated Natural Resource Management (INRM) assets of MGNREGS to strengthen climate resilience.
2. Creating transparency and accountability by remote sensing- based monitoring and planning
3. Drought concurrent monitoring and reporting system to support early warning and early action.

### **Job Description**

The programme intends to engage the **GIS Developer** for overall planning, implementation, supervision and guidance for the effective implementation of JHAR-CRISP in the State.

**Duties and Responsibilities:**

- Coordination with IIED UK, JSAC and Department of IT, Jharkhand for development of JHAR- CRISP tool in its operational phase.
- Ensure capacity building of the team on the use of GIS based planning and climate information tool CRISP-M developed by IIED UK and JSAC.
- Design and lead training of Govt officials, MGNREGS functionaries, project team, PRI members and communities on climate information services, climate risk management and monitoring of climate impacts.
- Guide the team in data digitization and image interpretation
- Development of GIS based advisory for location specific and need based climate resilient assets.
- Composition of high -resolution GIS maps.
- Management of JHAR- CRISP tool in the state and fixing bugs.
- Responsible for facilitating necessary planning and implementation, building capacities of stakeholders and supporting the team in activity implementation on the different components of climate resilience infrastructure development in the operational area.
- Establish coordination mechanisms with different stakeholders of the project which include different government departments viz. Rural Development, Agriculture Development, Forest, Environment and Climate Change, Panchayati Raj among others.
- Guide the project team in developing mini and micro watershed plans with the inclusion of forest fringe villages to strengthen climate actions on the basis of ridge to valley approach.
- Plan and guide the team to undertake activities to increase participation of marginalised communities promoting climate resilience approaches in MGNREGA planning and NRM works.
- Undertake day-to-day management of the overall project including effective implementation and document progress towards the achievement of outputs.
- Undertake monitoring and review visits to ensure timely implementation of project activities and achievement of agreed milestones in a time bound manner.
- Prepare work plans, produce timely reports – financial and progress reports, generate periodic updates/ reports to be shared with donors and external stakeholders.
- Responsible for periodic reports both programmatic and financial to the donor ensuring its quality and correctness.

- Support and mentor the team in preparing block specific plans/ strategies within the agreed outcome framework to ensure progress of the project in a time bound manner.
- Organize regular project review sessions with Gram Panchayat implementers, Districts and Block implementers and monthly meetings with other team members of PHIA, with the aim of establishing and/or verifying emerging needs, update progress, gaps and priorities.
- Overall coordination with different project teams in the state and support in implementation and monitoring of the project.
- Contribution to other leadership functions and roles in the state of Jharkhand.

#### Qualifications/Experience/skills/knowledge and expertise

- She/he should be Bachelors in Engineering (civil)/ geography/geoscience with Post graduate Diploma in Remote Sensing and GIS applications.
- Relevant experience of 5- 7 years in NRM and watersheds planning and implementation, geospatial and quantitative data collection, etc.
- Good knowledge about GIS related software such as Esri Arc GIS, Remote sensing and mapping, Image processing and digitization.
- Data management, analysis, report writing
- Data integration in GIS Environment, Analysis and Visualization
- Geo-referencing of satellite imagery field visit for ground truthing and transact walk
- Experience in coordinating/dialoguing with state and district block departments.
- Willingness to travel to the field extensively as required in the project.
- Strong interpersonal and communication skills (both verbal and written)
- Organized, team player, self-starter and results-oriented individual.
- Ability to work with a range of people from diverse backgrounds in an open-minded, non-dogmatic manner.

#### How to Apply

Eligible candidates interested in this position are requested to apply through this link [https://docs.google.com/forms/d/e/1FAIpQLSe6m7ZxyiInU9-r\\_kc4Ug-P2yb05igJym1E1nS\\_gaPhOFZhg/viewform](https://docs.google.com/forms/d/e/1FAIpQLSe6m7ZxyiInU9-r_kc4Ug-P2yb05igJym1E1nS_gaPhOFZhg/viewform) with an updated resume including the names of two referees, one of whom should be your present or last Reporting Manager, by or before **05th November 2022**. The interviews will be conducted on a rolling basis as we keep on receiving applications till a suitable candidate is found, so the applicants are advised to apply as early as possible.

PHIA constantly strives to have an inclusive and diverse team and individuals from marginalised sections like Scheduled Castes, Scheduled Tribes and others, women and other gender identities are encouraged to apply. Owing to the high number of applications expected, only short-listed candidates will be contacted. If you do not hear back from us by 05th November 2022 kindly assume that your application has not been considered this time by us.