Terms of Reference for the Individual Consultant

NITI Aayog Reference: A-12024/03/2021-Admn 1 B dated 30th June, 2021

Title : **Young Professional (IT)**

1. Name of the Vertical: Atal Innovation Mission

2. Purpose of assignment:

- Manage the maintenance, up-gradation and redesign of IT platforms and infrastructure, which is bound to help AIM achieve its mandate of promoting Innovation and Entrepreneurship in the country.
  Some of these platforms include - Online Application management portal, AIM compliance portal, AIM Monitoring and Evaluation Dashboards, AIM query chatbot, Learning Management Solution(LMS) platform etc;
- Engage with the AIM team and other stakeholders to help determine the best technical implementation methods as well as a reasonable implementation schedule.
- Understand team and partner needs and gather product requirements, identify market opportunities and define product vision and strategy, and generate high level insights from formative research, market gaps, or cutting edge technical insights.
- Work across a cross-functional team and partners to Synthesize and drive product strategy from interactions with Internal teams, AIM beneficiaries, partners and build/manage an actionable product roadmap.
- Provide and present the Technology Landscape and strategic roadmap for AIM IT platforms, and design and drive the overall vision and product strategy to a coherent whole.

3. Duration:

Minimum 2 Yrs (as per NITI Policy) which is extendable depending upon the requirement of AIM and the performance of IL in their assigned roles and responsibilities.

4. Age Limit: Candidate should be below 32 years of age as on the date of advertisement.

5. Remuneration: Rs.60,000/- per month (Consolidated, inclusive of all)

6. Tasks Related to Assignment & any another task incidental thereto:
- Reviewing current existing AIM system(s) and develop the required high-level and low-level specifications for the new proposed system(s).
- Translate concepts into wireframes and prototypes that lead to intuitive software applications.
- Work closely with the development team to manage change requests and improving current version of the applications, if and when required.
- Ensuring the integration of different AIM applications using existing APIs or getting the new APIs developed, if required.
- Testing the application/ platform before going live.
- Generating standard project and analysis reports from the system(s).

- Overall responsibility for structuring, implementing and updating the system(s) for smooth functioning.
- Assist the implementation team (ATL, AIC, ANIC, ACIC, ARISE, etc.) with upgrades and integration in the platform(s) with external organizations such as MHRD, DST, etc.
- Assist teams in procuring Data and Information to derive insights from all live platforms
- Create robust and scalable forms for AIM Challenges (quarterly/annually
- maintaining and updating the Chatbot backend database/ questionnaire, as and when required.
- Overall supervision of all the AIM system such as AIM Application portal, AIM Compliance portals, AIM portals, AIM dashboards, etc. once up and running.

Troubleshoot low/ high impact technical issues and provide overall system support to the AIM team.

7. Qualifications and Competencies:

A. ACADEMIC:

Bachelor in Engineering/ Technology(B.Tech/B.E)/ or Masters in Science (IT)/ Masters in Engineering or Technology/ Computer applications/ IT/ Masters in Operational Research/ Masters in Math/Physics/Statistics/Electronics with PG Diploma in CS/DOEACC(A Level)

B. Work experience:

- Minimum of one year of professional work experience in Fullstack technology development or Product Management with fundamental front-end languages such as HTML, CSS and JavaScript, Familiarity with JavaScript frameworks such as Angular JS, React, Proficiency with server-side languages such as Python, Ruby, Java, PHP and .Net., database technology such as MySQL, Oracle and MongoDB and Knowledge in UI/UX design principles and product life cycle management.

    Desirable skills:

- Proven ability to drive large scale projects with high collaboration and leadership.
- Detail oriented and able to rapidly come up to speed on complex technologies and architectures.
- Excellent cross group collaboration skills and demonstrated ability to lead virtual teams to deliver on product milestones.
- Self-motivated and self-directed.
- Excellent communication and presentation skills.

Note : Experience of internship/training will not be accounted for.

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