VACANCY ANNOUNCEMENT

Consultant:	Consultant (Developer/Programmer-Frontend)
Location:	New Delhi/Gurugram(National Capital Region) INDIA
Type of Contract:	Individual Contract
consultant	Consultant
Languages Required:	English
Duration of Contract:	6 months with possible extension.
Consultancy Fee:	ISA Consultancy Rates for National Consultants.
Deadline of Application:	16 March 2022

BACKGROUND

The International Solar Alliance (ISA) is working to place solar energy at the heart of addressing energy poverty and arresting climate change since its launch in 2015. The only multi-government body in this domain, ISA has endeavored to create a global paradigm for concerted action to bring reliable and affordable solar energy within the reach of all. It has also aimed to confirm that a shared solution to energy and sustainability needs is possible, demonstrating that solar can be integrated into existing energy systems, as well as establish and anchor new grids while managing transitions to 24/7 supply.

ISA is looking for an experienced independent contributor for developing the user interface for an interactive dashboard with a modern framework on the cloud computing infrastructure. The consultant should build the framework from scratch with custom creative ideas. The job is to design a complete Web Interface having controlled role-based access to the data needs of ISA starting from understanding the architectural design of a comprehensive dashboard to be implemented on Google Compute Engine on Virtual Machine based on Ubuntu using NodeJS for frontend and linkage to the backend hosted on Mongo DB Atlas, available for "Database as a service" model, based on Open-source technologies to the extent possible.

It is expected that the incumbent who works as a frontend developer excels in turning UI/UX designs into prototypes, creating excellent interactions from designs, writing reusable content modules, and maintainability of the code. Needless to mention that the frontend developer role requires, that while working cross-functionally alongside backend developers, and (non-IT savvy graphic designers and user experience designers), all elements of web creation are consistent. This requires excellent communication and interpersonal skills in general, and creative visual thinking in particular. ISA expects a tech-savvy person who has the correct acumen to experiment with breakthroughs in the visual design of digital technology and delivers both user-friendliness and a professional look matching the status of ISA.

SCOPE OF WORK

Project allotted during the tenure will be mainly related to creating an interactive dashboard having backend integration with a database and other platforms on a cloud computing infrastructure. Conversion of structured/unstructured data from one format to another format.

The developer/programmer will directly support the ISA's Assistant Director-General and work closely and administratively report to the Assistant Director-General. She/he will be responsible for

ensuring the quality of the framework to be developed along with data privacy at the ISA Secretariat. The developer/programmer may be requested to perform other relevant duties, as required.

KEY DELIVERABLES

1. Strong experience in developing user-facing features using NodeJS/ReactJS/AngularJS is mandatory
2. Skill – AngularJS/ReactJS (client-side programming), HTML/CSS, JavaScript fundamentals + ES6, Git, Redux, Node + NPM, Cognitive services (Q&A maker), Dialog Flows
3. Proficiency with Data visualization and charting tools/frameworks
4. Experience in scripting using JavaScript/Perl/Power-shell desired
5. Knowledge of developing RESTful web services using NodeJS
6. Working experience in advanced JavaScript libraries and frameworks, such as ReactJS, NodeJS, and JQuery
7. Strong working experience of front-end technologies, such as HTML5 and CSS3
8. Integration with Google Cloud Services/VMware is desired
9. Basic knowledge of MongoDB desired in a modern web framework REST API services
10. Excellent knowledge of APIs, Networks, and Operating Systems (flavors of Unix; Linux preferred)
11. Deep knowledge of software development best practices, including coding standards, code reviews, source control management, build process, continuous integration, and continuous delivery
12. Daily coordination with key internal stakeholders at ISA for advising on stakeholder engagement and outreach activities
13. Monthly progress review with ISA leadership on strategy development and testing, and on stakeholder engagement and outreach activities

ELIGIBILITY CRITERIA AND EXPERIENCE REQUIRED

1. 6 to 9 years of experience in developing products with at least 1-year Team lead role.
2. Proven experience in MongoDB & NodeJS
3. Full-time Degree in Engineering in Computer Science & Engineering/Information Technology or Master's in Computer Application (MCA) from Recognized University/Institute with 60% aggregate marks.
4. Good command in language-English

COMPETENCIES

Professionalism: Shows pride in work and achievements; demonstrates professional competence and mastery of subject matter; is conscientious and efficient in meeting commitments, observing deadlines, and achieving results; is motivated by professional rather than personal concerns; shows persistence when faced with difficult problems or challenges; remains calm in stressful situations.

Communication: Speaks and writes clearly and effectively; able to interact with senior government and private sector leadership; listens to others, correctly interprets messages from others and responds appropriately; asks questions to clarify, and exhibits interest in having two-way communication; tailors language, tone, style and format to match audience; demonstrates openness in sharing information and keeping people informed; ability to disseminate information through online platforms, social media, and traditional methods.

Teamwork: Works collaboratively with colleagues to achieve organizational goals; solicits input by genuinely valuing others' ideas and expertise; is willing to learn from others; places team agenda before personal agenda; supports and acts by a final group decision, even when such decisions may not entirely reflect own position; shares credit for team accomplishments and accepts joint responsibility for team shortcomings.

Planning & Organizing: Develops clear goals that are consistent with agreed strategies; identifies priority activities and assignments; adjusts priorities as required; allocates appropriate amount of time and resources for completing work; foresees risks and allows for contingencies when planning; monitors and adjusts plans and actions as necessary; uses time efficiently.

CONSOLIDATED PROFESSIONAL FEE

Based on experience and skills and as per ISA consultancy rates for National Consultants.

TENURE
It will be initially for six months, which could be further extended.

RECRUITMENT GUIDELINES

Qualified candidates must apply for the above-mentioned vacancy on-line, through ISA's portal. Any applicants who have difficulties applying through the online portal should immediately contact the ISA secretariat at recruitment@isolaralliance.org.

The ISA is striving to achieve gender parity at all levels as it proceeds in its recruitment. In this regard, female candidates are strongly encouraged to apply.

The ISA retains the right to cancel the selection process if it is determined in the best interest of the Organization.

The ISA does not charge any application, processing, training, interviewing, testing or other fee in connection with the application or recruitment process. Should you receive a solicitation for the payment of a fee, please disregard it. Furthermore, please note that emblems, logos, names, and addresses are easily copied and reproduced. Therefore, you are advised to apply particular care when submitting personal information on the web.

Secretariat of International Solar Alliance,

Surya Bhawan, National Institute of Solar Energy Gurugram – 122003 (Haryana).