

Request for Proposal (RFP)

Web Developer for Transisi Energi Platforms' New Feature & Update (Akademi, Data, Forum, and Kerja)

23 Juli 2025

A. Background

Since the launch of the Akademi Transisi Energi, Data, and Forum platforms in June 2023, there's a need to update the features on these platforms to provide a better capacity-building experience for the masses. With monthly users ranging from 200-1500, there is a lot of room for improvement, which ranges from cosmetic to substantial features and changes, such as the English language version of these platforms, uptime rate, bug-free experience, and a live verifiable certificates feature.

Other substantial improvements may take the form of a new platform focused on providing the public with current opportunities in the climate and energy transition issues. Based on the data from the latest RUPTL, there are about 3.7 million jobs related to the energy sector alone. This demands a credible learning environment that directly connects the enrolled participants with the industry, be it in the form of listing, internship, on-the-job training, and so on.

IESR also identifies the need to disseminate work opportunities related to the climate and energy sector. The current state of job listing sites tends to focus more on the larger development issues, and other platforms that were specifically tailored for green jobs are currently only showing limited and outdated listings, unintuitive, and unpopular.

IESR also identifies the opportunities in integrating the job listing feature into the current ecosystem of the IESR clean energy hub platform, mainly Akademi Transisi Energi and Solarhub. The vertical integration of these platforms will hopefully lead to a more robust capacity building and meet the market demand in the context of green jobs.

Therefore, there's a need for a web developer to help IESR update the existing Akademi ecosystem platform, including the Data and Forum, while also developing a new job listing site that will be integrated with the aforementioned ecosystem.

About IESR

The Institute for Essential Services Reform (IESR) is a think-tank in the field of energy and environment. IESR encourages transformation into a low-carbon energy system by advocating a public policy based on data-driven and scientific studies, conducting capacity development assistance, and establishing strategic partnerships with non-governmental actors.

About Akademi Transisi Energi

As part of IESR's effort to increase public awareness and carry out capacity development for the masses, we launched transisienergi.id by the end of 2020. The website is a one-stop service for all information regarding energy transition issues. To further deepen transisienergi.id role in conducting capacity development on energy and environment issues, IESR is creating an intuitive and robust online learning platform named Akademi Transisi Energi. This platform aimed to facilitate the public's access to quality and credible courses through engaging and compelling learning experiences. The target audience for the project includes policymakers, CSOs, journalists, students, and specific industry stakeholders.

B. Objective

- a. To update the existing Transisi Energi Platforms to be more intuitive and reliable
- b. To create a new platform to help inform green jobs opportunities, which will be integrated with the Akademi platform
- c. The platform should be built in modular packages to allow for further development in the future

C. Deliverables

- a. General web guide
 - i. The updated feature should represent transisienergi.id brand image and follow its visual guideline.
 - ii. Developed through weekly and or biweekly checkpoints
 - iii. Responsive layout (desktop and mobile)
 - iv. The existing platform (akademi, data, and forum platforms are all currently available in Indonesian language only), the new platform (green job listings), and updated features should be developed for two languages, i.e., Bahasa and English
 - v. The existing platform, the new platform, and updated features should be developed for light and dark modes
 - vi. The new platform should be developed for two languages, i.e., Bahasa and English
 - vii. SEO integration
 - viii. FAQ bot and further WhatsApp business integration
 - ix. Reliable platforms with the following target indicators
 1. Performance score of 90 or higher on PageSpeed Insight
 2. 99.5% uptime time with the corresponding integration of relevant tools and subsequent update
 - x. Robust backup method
 1. Automated Weekly or biweekly backup at the hosting level
 2. Monthly cold backup at two different storage locations
 - xi. Strong security measures
 - xii. A modular approach to enable additional features in the future
- b. Akademi Transisi Energi new & updated feature
 - i. Develop an English language version and subsequent translation tools for the academy.energytransitions.id
 - ii. Update layout, including updated looks, responsive mode, and light & dark mode
 - iii. A certification feature that can be checked by other visitors
 - iv. Seamless user experience in enrolling and purchasing a course
 - v. Alignment with the Articulate Rise and or Learn the Craft LMS platform
 - vi. Custom modules by building block that may be customized by specific users

- c. Data Transisi Energi new & updated feature
 - i. Update the visualization library
 - ii. Ensure that the visualization & insight feature runs well
 - iii. Develop an English language version and subsequent translation tools as data.energytransitions.id
 - iv. Update layout, including updated looks, responsive mode, and light & dark mode
- d. Forum new & updated feature
 - i. Develop an English language version and subsequent translation tools as forum.energytransitions.id
 - ii. Update layout, including updated looks, responsive mode, and light & dark mode
- e. New platform related to green job listing and list feature
 - i. Developed as a subdomain kerja.transisienergi.id or work.energytransitions.id
 - ii. May use WordPress or other suitable engines
 - iii. Job listing with highlight and filter functions
 - iv. Companies listing with highlight and filter functions
 - v. Individual employee listing with relevant information (listed skills, interests, education, experience, training, certification, reference contact)
 - vi. Listing input, edit, verification, and approval system
 - vii. Pricing and ads feature
 - viii. Integration with Akademi Transisi Energi relevant features or sub-section
- f. Post-development services:
 - i. Develop a user manual
 - ii. Set up training for relevant staff and system administrators to perform content uploads, system maintenance, and administration.
 - iii. Support maintenance, administrative, and technical support, and quality control for 1 year after the website goes live in February 2025
 - iv. Source code handover

D. Proposal Guideline & Submission

The potential service provider has to submit a proposal package, which consists of a technical proposal (background, task to be conducted, methodology, schedule), a cost proposal (proposed manpower total rate and other costs), and relevant resume(s) & portfolio, if any. All bidders are also required to submit administrative bidding documents, which can be downloaded through this link s.id/documentsrfpcommsiesr

The submitted proposals must be signed by said individual or an official agent or representative of the submitting organizations. Please itemize all costs and include a description of associated services. Contract terms and conditions will be negotiated upon selecting the winning bidder for this RFP.

If the organization submitting a proposal must outsource or contract any work to meet the requirements, this must be clearly stated in the proposal. Additionally, costs included in proposals must consist of any outsourced or contracted work. Any outsourcing or contracting organization must be named and described in the proposal.

Proposals will be accepted until **23:59 PM**. Indonesian Western Standard Time (WIB, GMT+07) on **Wednesday, 6 August 2025**. Any submissions received after this date and time will be regarded as inadmissible.

Kindly address the Program Manager Energy System Transformation IESR, Deon Arinaldo, at deon@iesr.or.id, the Clean Energy Hub Coordinator, Irwan Sarifudin, at irwan@iesr.or.id and CC Website & Digital Asset Officer Alif Fitrah at alif@iesr.or.id and Energy System Transformation program officer Muhamad M. Falah at falah@iesr.or.id for inquiries and submissions. Please put **"RFP Response - Transisienergi Platforms Update"** in the subject line.

E. Budget

IESR intends to make one award for the execution of this project. The final award amount will be contingent on the submission of a detailed and reasonable proposal to be approved by IESR. Expected award to range from **IDR 150 to IDR 180 million**.

All proposals must include proposed costs (in Indonesian Rupiah/IDR) to complete the tasks described in the project scope. Costs should be stated as one-time or non-recurring costs (NRC). Any research activity, survey, data subscription, software/licensing, and or other recurring add-on services' costs should be stated clearly and should be included in the said proposed budget & budget range. The additional cost might get excluded and exceed the award range only if there is a clear & reasonable justification.

IESR intends to pay the selected contractor on a fixed-fee, milestone-based payment schedule. Shall applicants prefer an alternate payment timeline, the proposal should include a fixed fee and separate the total hours and amounts associated with the planning, collecting, processing, and performing analysis of said data, the sum of which would be the total Maximum Payable Amount (MPA) for the contract.

F. Timeline for Deliverables & Remuneration

Deliverables	Timing	Payment*
1. Presented the work plan and timeline of website development	14 August 2025	20%
2. Presented website dummy or first demonstration for the platform related to green job listing and list feature (e)	11 September 2025	
3. Second demonstration for the platform related	25 September 2025	

to green job listing and list feature (e)		
4. Final Website Design for the platform related to green job listing and list feature (e)	17 October 2025	40%
5. First draft for the new and updated feature for the existing platform (b to d)	27 November 2025	
6. Second draft for the new and updated feature for the existing platform (b to d)	15 January 2026	
7. Payment for post-development maintenance	12 February 2026	40%

*Payment terms are negotiable upon the contract's award

G. Qualification

- Experience in Management Information Systems, or related field, and website development or related certificate
- Experience in website development and maintenance
- Strong web project coordination
- Experience in solving issues of browser/device compatibility to create web pages that can be used on any type of server and viewed with any browser/device.
- Sound of good knowledge of improving user experience

H. Proposal Evaluation & Other

The service provider will be selected based on full and open competition. The proposal will be evaluated based on:

- **Organization profiling 30 %**
Technical capacity, expertise, experience, portfolio, highest contract value, experience in working with IESR
- **Technical proposal 50%**
Clear understanding and suitable work approach, work allocation, timeline, and additional ideas on top of RFP deliverables
- **Reasonable proposed value and competence 20%**
Team member experience & education level, ratio of proposed value to estimated value

IESR may, at its discretion and without explanation to the prospective Vendors, at any time choose to discontinue or extend this RFP without obligation to such prospective Vendors.

Awarding of the contract resulting from this RFP will be dependent upon the suitability of proposals received and the funds available. The RFP process is open to all individuals and or vendors, including those who have previously worked with IESR.