



Terms of Reference (TOR)

IT Consultant for a Developing and maintaining the PHP-based MIS web interface in Bangalore, Karnataka.

Title	Developing and maintaining the PHP-based MIS web interface in Bangalore, Karnataka.
Timeline	12 Months (Duration in Month and Days)
Expected area of expertise	<ul style="list-style-type: none">• Individual Consultant• Work experience as a PHP Developer and server management• Familiarity with SQL/NoSQL databases and their declarative query languages• Expertise in developing applications using open source (Java/php/python)• Ability of Apache Webservers, Application servers, Tomcat
Applied Link	https://forms.gle/1PXA2KHKn6W5hcEP8 (Contact Procurement for Form Link)

About SELCO Foundation:

SELCO Foundation's mission is to create a platform of solutions that uses sustainable energy as a catalyst to bridge environmental sustainability and poverty alleviation. With holistic development as the primary focus, the organization strives to create equitable societies, where services are accessed by all communities. The interventions of SELCO lead to a sustainable delivery model of essential services like livelihoods, education, and health till the last mile. (Read more about SELCO here: <http://www.selcofoundation.org/>)

1. Summary of the project:

SELCO Foundation's Solutions Portal is a transformative platform designed to address demand driven, end – user centric solutions by leveraging sustainable energy. This portal is part of SELCO Foundation's broader mission to catalyze holistic, scalable, and replicable solutions tailored to local contexts. The online platform currently houses renewable energy based productive use appliances for linking stakeholders who are seeking sustainable and forward-looking solutions across Agriculture & Allied, Processing, Manufacturing and Production, Retail and Services, Textiles, and Crafts livelihood activities as well as business development tools and resources.

2. Aim and Objectives

Foundation seeks to inspire and implement socially, financially, and environmentally inclusive solutions by improving access to sustainable energy. It has established a PHP-based MIS software. The software is capturing the program implementation data at various levels and for monitoring the performance of the intervention.

Foundation is looking for an IT consultant to work within our M&E team to develop and maintain the PHP-based MIS web interface. Your primary focus will be working on existing MIS software maintenance of the central database and ensuring high performance and responsiveness to requests from the program and research teams.

3. Description of position

SELCO Foundation seeks to inspire and implement socially, financially, and environmentally inclusive solutions by improving access to sustainable energy. It has established a PHP-based MIS software for capturing livelihood intervention data. The software is capturing the program implementation data at various levels and for monitoring the performance of the intervention. SELCO Foundation is looking for an IT consultant to work with our M&E team to redesign the existing MIS data entry form, develop the Dashboard and maintain the web interface. Your primary focus will be working on existing MIS software maintenance of the central database and ensuring high performance and responsiveness to requests from the program and research teams.

4. Responsibility:

The following is the broad-level list of activities.

- Understand SFs IT requirements for establishing a robust MIS platform, defining the scope of engagement and planning timelines
- Provide technical support and guidance in re-designing efficient MIS software
- Developing analytical dashboards as per the SFs requirement
- Provide technical support to resolve complex performance problems and architectural challenges
- Capacity building of the in-house IT team on the application and maintenance of the MIS software
- Preparation of SOP for MIS software maintenance, revision, and usage
- Prepare guidelines on security aspects of all IT Service management
- Coordinating with Technical consulting firm and internal teams

5. Technical skills and qualification

- 10-to 15 years of previous work experience as a PHP Developer and server management
- Strong knowledge of PHP 7 web frameworks and Understanding of the fully synchronous behaviour of PHP
- Strong knowledge of the common PHP or web server exploits and their solutions
- User authentication and authorization between multiple systems, servers, and environments
- Integration of multiple data sources and databases into one system
- Creating database schemas that represent and support business processes

- Familiarity with SQL/NoSQL databases and their declarative query languages
- Expertise in developing applications using open source (Java/php/python), relational databases, computer networking, Web services, and general IT architecture.
- Also, expertise with database Admin/Query skills for MySQL and/or PostgreSQL.
- Knowledge of Web Services, Service Oriented Architecture, Web Based UI's
- Ability of Apache Webservers, Application servers, Tomcat
- Knowledge of hosting environment in AWS or in premises
- B.E/B.Tech in Computer Science, Engineering, or a related field.

6. Key Deliverables

#	Activities	1 st Month	2 nd Month	3 rd Month	4 th Month	5 th – 12 th Months
1	Study and Analyses the SF Requirement – Preparing BRD					
2	Re-design Data entry format					
3	Trial run and testing of New Data entry format					
4	Go Live for both data entry format					
5	Design the dashboard layout as per BRD.					
6	Trial run and Testing of new dynamic dashboard with selco team.					
7	Go Live for New dashboard					
8	Developing report generation Section – for both data entry and dashboard					
9	Trial and test for developing report generation section.					
10	Go Live for report generation					
11	Training and handholding on Data entry format and dashboard.					
12	Monitoring of application and database performance					
13	Maintenance and support activities for applications and database.					
14	Preparation and submission of application User manual.					

5. Timelines:

The consultancy will be offered for 12 Months once the onboarding is complete.

6. Selection Criteria:

The technical proposals will be evaluated based on the following general areas:

1. Expertise in past relevant work: 10-to 15 years of previous work experience as a PHP Developer and server management
2. Proven Track Record: of PHP 7 web frameworks and Understanding of the fully synchronous behaviour of PHP.
3. Workplan: charts showing timelines and dependencies as well.
 - Proposal including approach and methodology
 - Workplan
 - Sample examples of past work and other supporting documents based on the criteria of selection

The proposals will undergo internal review and evaluation. If they align with our requirements and selection criteria, further correspondence will be communicated.

7. Payment Terms:

The Selco Foundation shall pay the consultant a fixed amount as per mutual agreed the agreement and the completion of deliverables...

8. Interested Candidates should apply by presenting the following Documents

- Letter of Expression of Interest and Availability
 - Credentials of the consultant – Brief bio-sketch
 - Previous work and reports
 - Understanding of the Scope of Work
 - Financial proposal
- Personal CV

8. To apply

Interested consultants / organisations, with relevant experience (please include samples and/or references of the previous similar work as proof of experience) and based out of India are requested to reach out with a detailed proposal giving a brief on the methodology and the process they will uptake for this project, including budgets (with break-ups and explanation), timelines and milestones and submit the same to google form <https://forms.gle/1PXA2KHKn6W5hcEP8> on before 30th August, 2024.

Any further queries please write to procurement@selcofoundation.org with a subject line: “**IT Consultant for a Developing and maintaining the PHP-based MIS web interface**” (Name of Project)

TERMS & CONDITIONS

- 1. Sub-contracting:** In the event that the Consultant requires the services of subcontractors to perform any obligations under the Contract, the Consultant shall obtain the prior written approval of the Foundation. Any rejection or non-performance of the subcontractor shall not, in and of itself, entitle the Consultant to claim any delays in the performance, or to assert any excuses for the non-performance, of any of its obligations under the Contract, and the Consultant shall be solely responsible for all services, obligations and deliverables performed by its subcontractors
- 2. Quality Assurance**
The data submitted to Selco Foundation should be accurate, complete, reliable and relevant. Consulting agency shall establish additional layers for data cleaning and submission.
- 3. Financials & Reporting**
TDS will be deducted on the fixed amount as per Income Tax Act and Rate of Percentage. In accordance with the Central Board of Direct Taxes circular No. 7 of 2022 dated 30th March, 2022 in relation to the clarifications with respect to Section 114AAA of the Income-tax Rules, 1962, failure to link Aadhar number to the PAN card and/or failure by any person, who falls within the income tax bracket or otherwise, to file tax returns in relation to payment of TDS for any service (in accordance with Section 206AB and 206AA) and/or an inoperative PAN card will result in a 20% tax deduction.
- 4. Indemnification**
Both parties shall indemnify and hold its Trustees, Directors and representative officers, employees, agents harmless from and against any and all claims, demands, actions, losses, liabilities, charges, damages, costs and expenses (including but not limited to reasonable attorney's fees) arising out of or resulting from (1) any claims arising in connection with activities undertaken by both parties in connection with the project or (2) Consultant's gross negligence or willful misconduct or breach of any undertaking, covenant, representation or warranty contained in this agreement and/ or the actual infringement of any patent, trademark, copyrights, trade secret or any other intellectual property right of the third party.
- 5. Patent, Copyright and other Proprietary Rights**
 - (i) Except as is otherwise expressly provided in writing in the Contract, the Foundation shall be entitled to all intellectual property and other proprietary rights including, but not limited to, patents, copyrights, and trademarks, with regard to products, processes, inventions, ideas, know-how, or documents and other materials which the Consultant has developed for the Foundation under the Contract and which bear a direct relation to or are produced or prepared or collected in consequence of, or during the course of, the performance of the Contract. The Contractor acknowledges and agrees that such products, documents and other materials constitute works made for hire for the Foundation.

- (ii) Subject to the foregoing provisions, all documents, reports, recommendations, documents, and all other data compiled by or received by the Consultant under the Contract shall be the property of the Foundation, shall be made available for use or inspection by the Foundation at reasonable times and in reasonable places, shall be treated as confidential, and shall be delivered only to the Foundation's authorized officials on completion of work under the Contract
- (iii) The Consultant will treat all information given to him/her as information with proprietary value and will not disclose the same to competitors or any outsiders. The Consultant will not at any time, except under legal process, divulge any trade or business secret relating to the Foundation or any customer or agent of the Foundation, which may become known to him by virtue of his position as consultant, save in so far as such disclosure shall be necessary in the interest and for the benefit of the said Foundation and will be true and faithful to the Foundation in all dealings and transactions whatsoever relating to the said Foundation.
- (iv) Reports or other data that are developed specifically for the performance of this Contract shall be the property of the Foundation and the Consultant shall deliver reports and data to the Foundation as per the milestones. Dissemination of the reports and any information from the said contracts shall be done with written approval from the Foundation.

6. Publicity, use of name & Logo of the Foundation: The Consultant shall not advertise or otherwise make public for purposes of commercial advantage or goodwill that it has a contractual relationship with the Foundation, nor shall the Consultant, in any manner whatsoever use the name, emblem, logo or official seal of the Foundation or that of SELCO in connection with its business or otherwise without the written permission of the Foundation.

7. Observance of Law:

- (i) The Consultant shall comply with all laws, ordinances, rules, and regulations bearing upon the performance of its obligations under the Contract.
- (ii) The Consultant represents and warrants that neither it, its parent entities, partners or subcontractors nor any of its subsidiary or affiliated entities (if any) is engaged in any practice inconsistent with the rights set forth in the *Child Labour (Prohibition and Regulation) Act of 1986*, which, *inter alia*, requires that a child shall be protected from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.
- (iii) The Consultant represents and warrants that it shall adhere to the mandates prescribed under the *Sexual Harassment of Women (Prevention, Prohibition & Redressal) Act, 2013*, which requires all workplaces to have a Policy and Internal Committee to address complaints of sexual harassment that women may face at the workplace

8. Termination:

Either party may terminate this contract by giving a notice in writing to the other party stating their intention to terminate the same on the expiration of Seven (7) days from the date of such notice. In addition, the Foundation may also terminate this contract forthwith in the event of any fraud, misconduct or neglect of duties on the part of the Consultant. Any notice to be given hereunder shall be sufficiently given to the Consultant if forwarded by registered post or by Courier Service

to the last known postal address of the Consultant and shall be sufficiently given to the Foundation if similarly forwarded to the registered office. Upon the termination of this contract and payment of the said fees due up to such termination, and payment of all disbursements and out-of-pocket expenses incurred up to the date thereof (provided the same have been incurred after obtaining prior approval), the Consultant shall deliver all deeds, documents and paper in his possession relating to the business of the Foundation or as the Foundation shall direct, and shall continue to afford him all reasonable assistance for concluding pending matters at the date of such termination without making any charge thereof.

9. Force Majeure:

- (i) *Force majeure* as used herein means any unforeseeable and irresistible act of nature, any act of war (whether declared or not), invasion, revolution, insurrection, terrorism, or any other acts of a similar nature or force, *provided that* such acts arise from causes beyond the control and without the fault or negligence of the Consultant
- (ii) In the event of and as soon as possible after the occurrence of any cause constituting *force majeure*, the affected Party shall give notice and full particulars in writing to the other Party, of such occurrence or cause if the affected Party is thereby rendered unable, wholly or in part, to perform its obligations and meet its responsibilities under the Contract. The affected Party shall also notify the other Party of any other changes in condition or the occurrence of any event which interferes or threatens to interfere with its performance of the Contract. Not more than fifteen (15) days following the provision of such notice of *force majeure* or other changes in condition or occurrence, the affected Party shall also submit a statement to the other Party of estimated expenditures that will likely be incurred for the duration of the change in condition or the event of *force majeure*.
- (iii) On receipt of the notice or notices required hereunder, the Party not affected by the occurrence of a cause constituting *force majeure* shall take such action as it reasonably considers to be appropriate or necessary in the circumstances, including the granting to the affected Party of a reasonable extension of time in which to perform any obligations under the Contract.
- (iv) If the Consultant is rendered unable, wholly or in part, by reason of *force majeure* to perform its obligations and meet its responsibilities under the Contract, the Foundation shall have the right to suspend or terminate the Contract on the same terms and conditions as are provided for in this Contract.

10. Both the Foundation and the Consultant fully and freely intend to create an independent Contractor relationship under this Contract. Nothing herein shall be deemed to establish a partnership, joint venture, association or employment relationship between the parties. Both parties agree that the consultant has the right to sole and exclusive control over the manner and means employed in performing their activities under this Contract.

11. Settlement of disputes:

- (i) The Parties shall use their best efforts to amicably settle any dispute, controversy, or claim arising out of the Contract or the breach, termination, or invalidity thereof.

Any dispute, controversy, or claim between the Parties arising out of the Contract or the breach, termination, or invalidity thereof, unless settled amicably, within sixty (60) days after receipt by one Party of the other Party's written request for such amicable settlement, the matter shall be referred by either Party to arbitration in accordance with the Arbitration and Conciliation Act, 1996. The venue of the arbitration shall be at Bangalore. Likewise, the jurisdiction will vest with courts in Bangalore.