



TERMS OF REFERENCE

for conducting Health Vulnerability Mapping for Women and Children

Title	Health Vulnerability Mapping for Women and Children
Timeline	8 weeks
Expected area of expertise	• Experience in public health, climate, development, and socio-economic analysis projects • Experience in vulnerability assessments, multi-layer spatial analysis, and analyzing interrelationships among environmental, social, and health indicators. • A multidisciplinary team with expertise in public health, climate, environmental studies • Demonstrated data visualization, reporting, and communication skills, including the ability to prepare comprehensive analytical reports and presentation-ready visual communication products for both technical and non-technical stakeholders. Ability to do layered visualization, showcasing different indicators and how they overlap.
Apply Link	https://forms.gle/ErKqS1eLqQtJu9Rb6
Last date to apply	27 th July 2026, 5:00 PM

1. Introduction

SELCO Foundation seeks to undertake a national-level mapping & analysis exercise to identify and classify geographies across India based on compounded vulnerabilities affecting women and children health. The exercise aims to integrate multiple thematic layers including climate, terrain, remoteness, socio-economic conditions, population characteristics, and maternal and child health indicators to develop a vulnerability typology framework.

The resulting analysis will support evidence-based geographic prioritization for future interventions, partnerships, research, and program planning related to women and child health.



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2. Background

Women and children across India experience varying health vulnerabilities shaped by the interaction of climate, terrain, socio-economic conditions, cultural contexts, and access to healthcare services. Factors such as extreme climate conditions, remoteness, difficult terrain, poverty, low human development, tribal geographies, cultural practices, and inadequate health infrastructure can significantly influence maternal and child health outcomes and access to essential services.

These vulnerabilities are often interconnected and can disproportionately affect women and children under different local contexts. Understanding how these multiple dimensions interact across regions is critical for identifying priority geographies and enabling context-responsive planning and interventions.

This assignment aims to develop a health vulnerability assessment and typology framework by integrating multiple relevant influencing factors to identify and classify vulnerable geographies across the India.

3. Objectives

The key objectives of this project are:

1. To **define women and child health vulnerability** considering multiple factors like climate, terrain and topography, remoteness and accessibility, human development, population and demographics, maternal and child health, gender, food security
2. To **create a multi-criteria analytical framework** and establish indicators to assess vulnerability through weighted overlays, spatial analysis, and interrelationships among key indicators
3. To **identify, compile, and map the indicators** based on available secondary data sources.
4. To **classify and characterize geographies across India** based on compounded and interconnected vulnerabilities affecting women and children.
5. To **generate state and district level maps and visualizations** to support evidence-based geographic prioritization for programs and interventions.
6. To **create communication-ready outputs**, including an interactive platform, presentation materials, and public-facing visualizations that enable users to understand vulnerability typologies and access district-level indicators across the country.



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4. Scope of Work

The selected agency/consultant will undertake the following activities:

A. Secondary Research and Methodology Development

- Conduct a review of relevant literature, frameworks, and existing vulnerability mapping approaches
- Identify and finalize relevant indicators and datasets
- Develop a methodology for:
 - Indicator selection
 - Weighting/scoring (if applicable)
 - GIS overlay analysis (where required)
 - Typology development and classification
- Define the unit of analysis (district/state/mixed approach based on data availability)

B. Data Collection and Processing

- Identify, procure (if required), and compile relevant secondary datasets
- Clean, standardize, and harmonize datasets across geographic units
- Develop user friendly databases and spatial maps of different indicators

C. Spatial Mapping and Analysis

- Conduct multi-layer overlay analysis
- Develop vulnerability clusters/typologies
- Produce district/state-level thematic maps
- Identify priority geographies based on combined vulnerabilities

D. Typology Development

- Define and characterize each identified typology
- Develop summary narratives describing:
 - Geographic characteristics
 - Key vulnerabilities
 - Health and demographic patterns



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- Climatic and terrain conditions
- Prepare comparative summary tables highlighting differences across typologies

E. Visualization, Documentation and Handover

- Develop an interactive platform that enables users to explore district- and state-level indicators, visualize thematic layers, and understand overlaps across multiple vulnerability dimensions. *(Please find attached here a sample of an interactive digital platform: [Praxis — A Field Guide to Sustainable Agriculture in India](#).)*
- Develop simplified visualizations, infographics, and communication-ready outputs for reports, presentations, and social media.
- Submit all spatial layers, GIS files, datasets, maps, and editable source files developed under the project
- Provide complete documentation on the methodology, data sources, assumptions, and limitations of the analysis.

Note: Ethical use of AI tools is permitted to support data analysis, visualization, and communication outputs, provided that all findings, interpretations, and deliverables are validated through rigorous research methods and expert judgment.

5. Deliverables & Timeline

The duration of the project will be **8 weeks** from the date of contract signing. The selected agency/consultant will be expected to deliver the following outputs as per the indicative timeline below:

Sl no.	Deliverables	Description	Timeline
1	Inception Report	Detailed methodology, workplan, datasets, analytical framework, and timeline	Week 2
2	Indicator & Data Inventory	Finalized list of indicators, datasets, sources, and geographic scales	Week 2
3	Update presentation 1	Update deck to present the initial findings from the secondary research, the finalized methodology & indicator lists, summary of the database and unit of analysis	Week 3
4	Draft Spatial Analysis	Preliminary maps, overlays, and typology outputs	Week 5



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	Wherever applicable: GIS Database	Wherever applicable: Cleaned and processed GIS-ready datasets and spatial layers	
5	Final Typology Framework	Finalized classification and characterization of typologies	Week 5
6	Final Maps	High-resolution thematic maps in editable and PDF formats	Week 5
7	Update presentation 2	Update deck to present the analysis findings, typology characterization and final maps	Week 5
8	Interactive platform	To explore district and state level indicators, visualize thematic layers, and understand overlaps across multiple vulnerability dimensions	Week 7
9	Visualization Package	Simplified graphics, presentation visuals, and social media-ready outputs	Week 7
10	Final Report	Summary of methodology, analysis, findings, typologies, and recommendations	Week 8
11	Raw data handover	All sources including GIS files, shapefiles, datasets, and editable assets	Week 8
12	Final presentation deck	Final presentation deck summarizing the whole project – methodology, secondary research findings, indicators and datasets used, final maps and analysis, typology classifications and conclusion	Week 8

6. Eligibility Criteria

Applicants must meet the following minimum eligibility requirements:

- Minimum **5 years of experience** in multi-layer analysis and thematic mapping
- Experience in public health, climate, development, and socio-economic analysis projects
- Experience in at least **2 similar vulnerability assessment or typology mapping assignments**
- Experience working with district/state-level datasets and spatial databases in India



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- Availability of a **multidisciplinary team** including health experts, researchers/data analysts, GIS experts, visualization specialists, and other thematic experts
- Strong **data visualization, reporting, and communication skills** for technical and non-technical audiences, with the capacity to deliver outputs within the proposed timeline

7. Selection Criteria

The proposal will be evaluated based on the following general areas:

- Agency to understand the goal and objectives of the proposed project and have submitted a relevant proposal
- Agency to have submitted all required documents: Proposal, relevant sample work, organization profile, Project team, their qualification, skillset and experience, financial proposal
- Agency will be evaluated based on prior work experience/ portfolio in conducting similar multi-layer health vulnerability analysis using tools like GIS,
- Agency to have a qualified team with relevant experience in researchers/ data analysts, visualization specialists, GIS modelling and thematic experts
- Agency to have prior knowledge of working in the development sector, with NGOs

8. Payment Terms:

Fixed as per the agreement between consultant and SELCO Foundation. Please provide your proposal and quotation for the above-mentioned program requirements. Capture split cost wherever possible.

- Please provide a break-up of the costs as agreement quotation for the service provided on an official letterhead with signatures and stamps, wherever needed.
- Kindly mention your name, address, contact information along with correct bank details, and signature in the agreement quotation.
- Please note that the prices quoted by the consultant are firm, final, and binding, and not subject to variation on any account.
- The quotation is inclusive of all necessary taxes and applicable costs.
- Other than the proposed amount, no additional amounts will be paid as fuel, phone charges, etc.



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- Deliverables need to be submitted as per the given timeline or before the expected date.

9. Payment Timeline

First payment instalment	50% advance payment
Second payment instalment	50% upon submission of all deliverables

10. To apply

Interested consultants / organizations, 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/ErKqS1eLqQtJu9Rb6> on or before **Date 27th July 2026 before 5:00PM**

Any further queries please write to procurement@selcofoundation.org with a subject line: **“Health Vulnerability Mapping for Women and Children”**

•Submission Requirements:

Interested collaborators (individuals, teams, or agencies) are requested to submit the following by before deadline

1. **Organizational/Individual Profile:** Overview of your team/experience.
2. **Proposed Approach:** A brief document outlining your understanding of the Scope of work and your proposed strategy to execute the Project, focusing on narrative-led communication.
3. **Relevant Portfolio:** Examples of previous work in the Similar sector of Research and study.
4. **Financial Proposal:** Detailed quotation for the execution of the entire scope of work **Geography wise**.
5. Kindly note that SELCO Foundation may onboard one or multiple consultants/agencies under this Terms of Reference (TOR), based on project requirements, Geography and evaluation outcomes.



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Please ensure your application directly addresses your capability to own the end-to-end execution of communication design across strategy, production, and dissemination. Agencies are asked to account for flexibility in terms of time allocation or the number of deliverables for the required scope of work which is possible in the given duration of the campaign.

Note: Applicants are required to submit **applications to apply in the link**. Each application should detail the plan, methodology, and deliverables specific as per the requirement mentioned in the scope of work.

• Intellectual Property

All final outputs, templates, and visual assets created under this engagement will be the intellectual property of SELCO Foundation and will be freely available for public sharing under an open-source license.

• Application Process

If your enterprise meets the eligibility criteria and is interested in collaborating with the SELCO Foundation, please complete the application form linked below with the required information. Agency / Consultant are requested to upload their technical proposals and financial quotations directly into the application form.

Provide split costs as per deliverables based:

Please provide your proposal and quotation as per deliverables based and mentioned program requirements. Capture Timelines and Split cost wherever possible.

Note: If there is travel required, kindly mentioned tentative budget along with number of days of travel.



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Refer Terms and Condition:

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



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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



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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: Compliance with Laws and Regulations: The Consultant will comply with all applicable laws, rules, regulations and statutory requirements and amendments thereof, in the manufacture and distribution of products and supplies and in providing services to the SELCO and during the term of this Agreement.

Child Labor: The Consultant will, 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.

Forced Labor: The Consultant will not engage in any activity that will result in forced or compulsory labor under applicable laws including the Bonded Labour System (Abolition) Act, 1976,

Abuse of Labor: Consultant will act in accordance with applicable laws and regulations and will not violate the rights of labourers as stated in The Factories Act, 1948 and similar legislations.

Working Hours, Overtime, Wages and Other Benefits-Working hours, wages and benefits shall be provided by the Consultant to its staff and employees in accordance with applicable laws including the Minimum Wages Act, 1948.



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Declaration of blacklisting: Consultant represents and warrants to SELCO that, as on the date of signing of this Purchase Order, it is neither blacklisted/ debarred nor it is under a declaration of ineligibility by Central / State or Semi-Government Organization/Department or Institutions and Public Sector Undertakings in India and abroad. The Consultant further undertakes to duly inform SELCO in the event it is blacklisted subsequent to execution of this Purchase Order.

Compliance with Anti-bribery Laws: Consultant and each of its directors, officers, employees, agents or other (collectively referred to as "Consultant") represent and warrant that it shall not either directly or on behalf of SELCO Foundation give, offer, promise to offer, or authorize the offer, directly or indirectly (proxy bribing), anything of value (such as money, shares, goods or service, gifts or entertainment) to government officials, government customers, potential government customers or foreign government officials including officials of any public international organizations or officials of any political party either in India or abroad ("Officials") with an Intent to influence any act or decision in his or her official capacity Induce the Official to do or omit to do any act in violation of his or her lawful duty to obtain any improper advantage, or Induce to use such Official 's influence improperly to affect or influence an act or decision.

The Consultant shall not provide any offering, promising, giving or receive, solicit or accept a financial or other advantage, or any other thing of value, with the intention of influencing or rewarding the behaviour of a person in a position of trust to perform a public, commercial or legal function to obtain or retain a commercial advantage.



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The Consultant understands and acknowledges that any non-adherence to the warranty as stated herein above will be violation of the provisions of the Indian Prevention of Corruption Act, 1988 and other applicable laws and legislations ("Anti-bribery Laws").

In addition, Consultant agrees to promptly report to SELCO Foundation of any incident of breach or potential breach of this section.

Compliance with Sexual Harassment of Women (Prevention, Prohibition & Redressal) Act, 2013 (PoSH): The Consultant shall agree to 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



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- 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.
- v. 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.

10. 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.



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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.