

Application has to be submitted on [www.inductusjobs.com/un](http://www.inductusjobs.com/un)

**“pdf format only”**

**Position: Consultant – Junior Data Analyst: Energy (Remote)**

**Employing Agency (Employer):** Inductus Limited

**DURATION OF CONTRACT:** 1 June 2024 to 30 Jun 2025 – 1 year

**Remuneration:** Gross compensation budgeted for the position is attractive. Please note that the offer made to the selected candidate shall be commensurate with qualifications, experience, and salary history. **(Expected professional fee has to be quoted on portal)**

**No. of Vacancies:** 1 (ONE)

**Duty Station:** Remote

**Reporting Line:**

1. Administrative Supervision- Inductus Limited
2. Technical Supervision – Health Officer Cold Chain – New Delhi

**Last Date for Application:** 05th July 2024 (Mid Night)

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## **CONTENT OF TERMS OF REFERENCE FOR INDIVIDUAL CONSULTANT**

### **1. BACKGROUND / RATIONALE**

UN ORGANISATION growing priority to strengthen Primary Health Care Strengthening is a major part of the organisation’s 2022-2025 strategic plan, ensuring all children survive and thrive with access to quality primary health care. Health facility solar electrification (HSFE) provides health facilities with sustainable electricity, enabling them to perform both routine and lifesaving health services for hard-to-reach children and communities. HFSE is a growing priority, and a critical step for strengthening Primary Health Care (PHC) to achieve the SDGs.

### **2. PURPOSE OF THIS ASSIGNMENT**

The main purpose of the assignment is to support UNICEF’s growing priority to strengthen Primary Health Care Strengthening.

### **3. PROGRAMME AREA AND SPECIFIC PROJECT AREA**

Program Area – Health

Output 102, Child Health and Immunization

### **4. OBJECTIVE(S)**

The objective of this role is to support UNICEF's initiatives in strengthening Primary Health Care (PHC) by providing comprehensive research and analysis on the solarization of health facilities initiatives. The Junior Data Analyst will focus on the field data collection process, data management, data validation, data analysis, and reporting for assessments conducted in multiple countries in process to implement HFSE such as India, Pakistan, Zambia, Ethiopia, and Cambodia. The main outcome from this analysis will be to inform site specific selection decision and solar package selection of the health facilities for HFSE initiative. This work will directly contribute to improving health facility operations in under-resourced areas, thereby aiding UNICEF's mission to ensure all children have access to quality healthcare services.

### **5. MAJOR TASKS TO BE ACCOMPLISHED**

The analyst will support UNICEF PG in implementing Health Facility Solar Electrification pilot work aimed at strengthening the Primary Health Care Infrastructure of countries. Data Analyst's scope of work covers the data collection process, data validation analysis, and reporting. The specific responsibilities and deliverables can be further tailored based on the organization's needs and project requirements.

1. Support the Data Collection Process of Energy, Health, and Infrastructural Information from the health facilities.
2. Update ODK data collection form and HFSE Equipment Sheet as per the country's context mainly India, Pakistan, Zambia, Ethiopia, and Cambodia.
3. Data organization and data cleaning to ensure accuracy and reliability using MS-Excel to make it suitable for analysis, reporting and visualization.
4. Coordination with country assessment teams and focal person to verify flagged data entries.
5. Data visualization for monitoring the real-time data coming from various sites and maintaining interactive dashboards using Power-BI.
6. Data analysis by doing monitoring of operational data from Health care facilities to identify areas for improvement and optimize the solar package for them.
7. To maintain and update the databases for medical equipment used in various HealthCare facilities on Quarterly basis.
8. Prepare, present reports on project analysis, highlighting key findings & recommendations for stakeholders.

9. Monitor key performance indicators (KPIs) and benchmarks agreed for the project monitoring and impact evaluation, including monitoring emissions data and other environmental metrics related to renewable energy operations of health care facilities.
10. Support conferences, workshops, or online courses related to data analysis & renewable energy.

## 6. DELIVERABLES AND DEADLINES

<b>S N</b>	<b>Major Task</b>	<b>Deliverable</b>	<b>Specific delivery date/deadline for completion of deliverable</b>
1	Support the data collection process for energy, health, and infrastructural information from health facilities. This includes updating ODK data collection forms and HFSE equipment sheets to align with each country's context.	ODK Forms for countries	Monthly
2	Organize and clean collected data to ensure its accuracy and reliability. This involves using MS-Excel for data preparation and coordinating with country assessment teams and focal persons to verify any flagged data entries.	Final Site Monitoring Sheet for country feedback	Monthly
3	Develop data visualizations to monitor real-time data from various sites and maintain interactive dashboards using Power BI. Analyse operational data from healthcare facilities to identify areas for improvement and optimize solar packages.	PowerPoint Presentations of facility profile, grid solar and generator availability	Monthly
4	Prepare and present reports on project analysis, highlighting key findings and recommendations for stakeholders. Monitor key performance indicators (KPIs) and benchmarks for project monitoring and impact evaluation. Pursue continuous learning opportunities and support relevant conferences, workshops, or online courses related to data analysis and renewable energy.	Power BI Dashboard and summary graphs in PPT	Monthly

**11. DUTY STATION** – Remote

**12. Technical Supervisor(s)** – Health Officer (Cold Chain) – New Delhi

**13. OFFICIAL TRAVEL INVOLVED:** N/A.

**14. QUALIFICATIONS / SPECIALIZED KNOWLEDGE / EXPERIENCE/ COMPETENCIES CORE/ TECHNICAL/ FUNCTIONAL) / LANGUAGE SKILLS REQUIRED FOR THE ASSIGNMENT**

- University degree in one of the following fields is required: (*Electrical / Mechanical/ Computer Science Engineering, /MCA (Master of Computer Applications)*)
- **Mandatory Skills:**
  - ✓ Minimum 2 years working experience in projects in engineering data analysis and management.
  - ✓ Experience with ODK tools for field data collection for energy and infrastructural assessments in healthcare sector
  - ✓ Experience of data analysis, database management, data visualization through Power BI
  - ✓ Experience in MS Excel
- **Preferred skills:**
  - ✓ Knowledge of healthcare sector
  - ✓ Knowledge of basic energy needs and solar system design principles.

**15. PAYMENT SCHEDULE:**

Payment will be linked to deliverables as outlines in the attached financial template. For contractors' payment will be made against a monthly report.