

## **RFP: Evaluation of Hospital Waste Management Practices and Compliance to Policies in Place**

### **Background**

The new paradigm emerging globally around hospital waste management is shifting the focus from waste treatment to system management, working on reducing the waste creation from source. This is resulting in green and safe hospitals encouraging conversion of hospital spaces into eco-parks, selecting from a menu of new technical solutions. These include replacement of incinerators with non-burn and environmentally friendly technologies, disinfection and shredding of infectious waste to non-hazardous waste, purification of healthcare wastewater etc. Even low and middle-income countries have made strides with health care waste management, through introduction of supportive legislative frameworks, introduction of good practices, engagement of private sector in different capacities, delegation of responsibilities, strong and clear regulatory commitments, and integration of information technology within the system.

This is also one of the priority concerns of the Government of Pakistan but falls within the ambit of provincial environmental protection acts post-devolution. A Provincial Health Waste Management Situation Analysis was undertaken by provinces in 2019 on the directive of the honourable Prime Minister, but the provincial reports do not follow a standardized template, with different information collected in the provinces making collation and presentation of the situation difficult.

While chairing the Central Development Working Party (CDWP) meeting held on 27th of May 2021, the Deputy Chair Planning Commission made a note of the discrepancies observed in waste disposal practices of hospitals throughout the country as highlighted by the DG for Environmental Protection Agency (EPA). Following this the Chair also enquired about the capacity of EPA to monitor compliance to hospital waste management protocols in Islamabad.

### **The objective of the consultancy are to:**

- a) Undertake a comprehensive situational analysis vis-à-vis hospital waste management, capturing current policies and practices in place at federal and provincial level and gaps**
- b) Assess the compliance of public sector institutions to these standards and benchmarks**
- c) Propose a plan on effectively instituting robust hospital waste management practices in the country**

## Overview of Consultancy

|                               |   |
|-------------------------------|---|
| <i>Title of Consultancy</i>   | Evaluation of Hospital Waste Management Practices and Compliance to Policies in Place |
| <i>Duration of Assignment</i> | 09 weeks  |
| <i>Expected Start Date</i>    |   |
| <i>Expected End Date</i>      |   |
| <i>Consultant</i>             | Consultant/ Firm  |

## Proposed Activities

| Key Activity                                       | Activity Outputs  | Final Deliverable   |
|--|---|---|
| Documents' Review                                  | <ul style="list-style-type: none"> <li>Review of current hospital waste management protocols, systems, policy frameworks, existing situational analysis reports, legislations etc.</li> <li>Meet with relevant stakeholders to assess current monitoring arrangements and capacities in place in Islamabad vis-à-vis hospital waste management</li> <li>Review of International Commitments and Benchmarks like the Basel Convention, the Bamako Convention, the Stockholm Convention, UNESCO's committee on transport of dangerous goods, European Agreement, Aarhus Convention and other available guidance from WHO and UN</li> <li>Policy analysis of national frameworks and legislations, policies and processes in place to identify gaps</li> </ul> | <ul style="list-style-type: none"> <li>Review on International guidance</li> <li>Policy Analysis paper</li> <li>Situational snapshot for Islamabad</li> </ul> |
| Development of Assessment Toolkits and Instruments | <ul style="list-style-type: none"> <li>Meeting with relevant stakeholders from MoNHSR&amp;C and provincial DoHs, WHO and related stakeholders <u>to develop standardized assessment toolkits for health facilities for assessment of their knowledge and awareness, practices and compliance to hospital waste management standards and benchmarks in place with comparison to national and international benchmarks</u></li> <li>Validation of toolkit by stakeholders</li> </ul>  | <ul style="list-style-type: none"> <li>Standardized Assessment Toolkit for Hospital Waste Management</li> </ul>   |
| Data   | <ul style="list-style-type: none"> <li>Development of sampling strategy in</li> </ul>   | <ul style="list-style-type: none"> <li>Report on current</li> </ul>   |

| Key Activity            | Activity Outputs   | Final Deliverable   |
|-------------------------|--|---|
| Collection and Analysis | <ul style="list-style-type: none"> <li>consultation with stakeholders</li> <li>• Meetings with hospital representatives and personnel</li> <li>• Visits to hospitals for compliance evaluation</li> <li>• Analysis of Findings on compliance of hospitals and identification of gaps and barriers to the same</li> <li>• Validation workshop with stakeholders to confirm findings and highlight emerging recommendations</li> </ul> | situation of hospital waste management with recommendations on improvement of benchmarks, and instituting robust waste management practices |

### Proposed Team Structure, Eligibilities and Requirements

| Team Member              | Desired Qualification  | Requisite Experience  |
|--------------------------|--|---|
| Public Health Expert (1) | Master's in public health / infectious disease management/ health systems/ health policy/ hospital administration/ hospital management/ health management or relevant discipline from HEC-recognized institution<br>MBBS from HEC-recognized institution | <ul style="list-style-type: none"> <li>• At least 10 years of senior level experience in health sector</li> <li>• Experience in hospital management essential</li> <li>• Experience in clinical services audits and quality assurance, infection management and related policy decisions desirable</li> <li>• Experience of working on TA related to hospital waste management desirable</li> </ul> |
| Research Associates (1)  | Bachelor's in social or management sciences and/or relevant discipline etc. from HEC-recognized institution  | <ul style="list-style-type: none"> <li>• At least 3 years of experience in development sector</li> <li>• Experience in health sector essential</li> <li>• High proficiency in MS Office (Word, Powerpoint) essential</li> <li>• Experience in supporting with consultations, policy roundtables and forums desirable</li> </ul>   |