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1. General information

a. Brief information on the project

The members of NAMA facility (NF) board have committed to finance NAMA Support Project (NSP) titled ‘Waste Solutions for a Circular Economy in India’ to GIZ for a period of 5 years. The NSP is divided in to 2 phases of implementation. Phase 1 will operate for 1 year and phase 2 for 4 years. As part of the project five geographies are proposed including Bengaluru, Varanasi, North Delhi Municipal Corporation, Goa and Trichy.

b. Context

The “Waste Solutions for a Circular Economy in India” includes the following key components:

Technical Assistance: At the city level it includes supporting setting up a role-model Source Segregation System, integration of the informal sector and capacity building of relevant stakeholders on effective MSW Management and support for accessing SBM etc.

Grant Funding Mechanism: This component includes providing partial CAPEX or OPEX financing for composting plants, Refuse Derived Fuel (RDF) plants, Material Recovery Facilities, Recycling facilities and Bio-methanation Plants.

Risk Sharing Facility: This facility will be managed by a Financial Institution and provide guarantees for debt financing for MSW management facilities.

The NAMA project has received Expression of Interest from private sector partners and letter from Varanasi Municipal Corporation regarding MRF, Composition & Bio-Methanation Facilities to be supported as part of NAMA Project. To initiate and support the project activities in Varanasi there is a need for a waste management consultant based in the city of Varanasi, Uttar Pradesh who will be working closely with the Varanasi Municipal Corporation officials, Private Sector and GIZ team to contribute to achieve the project objectives.

c. GIZ shall hire the consultant for the anticipated contract term, from 10th January 2022 to 09th December 2022.

d. The consultant shall provide the following work/service ;

Work Package 1: Providing Technical Support for implementation and monitoring of multiple Material Recovery Facilities (MRFs) across the city of Varanasi, Uttar Pradesh.

The work package will include the following activities but not limited to:

- I. The consultant will provide technical support to Urban Local Body and relevant private sector partners for implementation of multiple Material Recovery Facilities (MRFs), across the city of Varanasi, Uttar Pradesh.
- II. The consultant will provide technical support in accessing of Swachh Bharat Mission (SBM) funding, Grant Funding Mechanism (GFM), Risk Sharing Facility (RSF) support for the MRFs.
- III. The consultant will provide support in preparation of reports for implementation status of MRFs and monitoring of implemented MRFs.
- IV. The consultant will support activities related to monitoring of GHG emission reductions due to different waste management activities implemented in the city.

Work Package 2: Providing Technical Support for restart & operationalization of Three (3) Bio-Methanation Plants across Varanasi, Uttar Pradesh.

The work package will include the following activities but not limited to:

- I. The consultant will provide technical support to Urban Local Body and relevant private sector partners for restart & operationalization of Three (3) Bio-Methanation Plants across Varanasi, Uttar Pradesh.
- II. The consultant will provide technical support in accessing of Swachh Bharat Mission (SBM) funding, Grant Funding Mechanism (GFM), Risk Sharing Facility (RSF) support for the Bio-Methanation Plants.
- III. The consultant will provide support in preparation of reports for restart and operationalization status of Bio-Methanation Plants and monitoring of operational Bio-Methanation Plants.
- IV. The consultant will support activities related to monitoring of GHG emission reductions due to different waste management activities implemented in the city.

Work Package 3: Providing Technical Support for implimentation and monitoring of Decentralized & Centralized Composting Plants across Varanasi, Uttar Pradesh.

The work package will include the following activities but not limited to:

- I. The consultant will provide support to Urban Local Body staff members, relevant private sector partners and other relevant stakeholders for implementation and monitoring of Decentralized & Centralized Composting Plant across Varanasi, Uttar Pradesh.
- II. The consultant will provide technical support in accessing of Swachh Bharat Mission (SBM) funding, Grant Funding Mechanism (GFM), Risk Sharing Facility (RSF) support for the Composting Plants.
- III. The consultant will support activities related to monitoring of GHG emission reductions due to different waste management activities implemented in the city.

Work Package 4: Providing Technical Support for organizing capacity building programs for ULB staff and other stakeholders for MSW Management

The work package will include the following activities but not limited to:

- I. Developing and finalizing different training programs for capacity building of relevant stakeholders on MSW Management
- II. Supporting implementation of capacity building programs in partnership with ULB.
- III. Providing technical support to ULB and other stakeholders related to participation in different MSW Management related national and state level initiatives for example Swachh Survekshan.
- IV. Preparing reports of capacity building programs organized for different stakeholders on MSW Management.

Output	Timeline
Monthly and event wise report of different activities mentioned above related to implementation and monitoring of MRFs, Composting & Bio-Methanation Plants along with capacity building activities.	Within 1 st week of next month.

Tender requirements

1. Qualifications of proposed staff

1.1 Technical Consultant- Solid Waste Management (1):

1.1.1 General qualifications.

Education:

- a) Masters Degree in Environmental Engineering, Management, Planning, Sciences or a related field from a recognised and reputable institution.

Professional experience:

- a) 5 years of professional experience in implementing Solid Waste Management projects and capacity building activities .
- b) 3 years of specific experience of working on implementation and monitoring of MRFs, Bio-Methanation Plants, Compost Plants and other SWM processing facilities.
- c) 1 years of management/leadership experience.
- d) 3 years of experience in Development Corporation projects
- e) Demonstrable experience of working on Climate Change Mitigation with aspects related to MSW Management with Indian Government Agencies/Institutions/Municipal Bodies along with experience in Swachh Survekshan/ Swachh Bharat Mission.

1.1.2 Experience in the region/knowledge of the country 5 years of experience in projects in India.

1.1.3 Language skills: business fluency in English

2. Specification of inputs

Fee days	Number of experts	Number of days per expert	Comments
• Preparation/debriefing	1	5	Total not to exceed 175 working days
• Implementation		170	
Travel expenses	Number of experts	Number of days/nights per experts	Comments
• Per-diem allowance in country of assignment	1	10	Please provide lumsum costs per day
• Overnight allowance in country of assignment	1	10	Please provide lumsum costs per day
• Travel costs (train, private vehicle)	1	130	Please provide lumsum costs per day
Flights	Number of experts	Number of flights per experts	Comments
• International flights	NA	NA	

• Domestic flights	1	4	To Delhi. Please provide lumpsum costs per round trip
Other costs	Number of experts	Amount per experts	Comments

Calculate your financial bid exactly in line with the quantitative requirements of the specification of inputs above. There is no contractual right to use up the full days/travel or workshops or budgets. The number of days/travel/workshops and the budgets will be contractually agreed as **maximum amounts**. The regulations on pricing are contained in the price sheet.

Note:

If restrictions are introduced to combat coronavirus/COVID-19 (restrictions on air travel and travel in general, entry restrictions, quarantine measures, etc.), GIZ and the contractor are obliged to make adjustments to their contractual services to reflect the changed circumstances on the basis of good faith; this may involve changes to the service delivery period, the services to be delivered and, if necessary, to the remuneration.

Specific Conditions pertain to Covid- 19 Measures

The specific conditions pertain to Covid- 19 measures are integral part of contract and shall act as binding document under special agreement and interpreted along with GTCC.

In addition to the provisions as detailed in **clause 09** of The General Terms of Contract governing the delivery of works and services commissioned by **Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH (local)**, the Consultant confirms that he/she accepts the Consulting engagement with full knowledge and understanding of the travel and other requirements of the engagement including specifically the need, on the part of the Consultant, to take all required precautions (including prevention and risk mitigation measures) against the risks arising from the ongoing Novel Corona Virus (CoVid - 19) Pandemic

The Consultant shall provide to the GIZ an RT-PCR Negative Test Report for Novel Corona Virus (CoVid - 19) prior to starting the Consulting Engagement and shall additionally comply with the following at all times in the course of the Consulting Engagement:

1. Obtain Medical and other Insurance Cover in respect of the Novel Corona Virus (CoVid - 19) Infection/Disease and consequences thereof – (GIZ will reimburse the insurance cover up to 5000 Indian Rupees)
2. Strictly follow and comply with the prescribed Mask, Hand Washing/Sanitization and Social Distancing Protocols.
3. Take safe and secure mode of transportation.
4. Observe all local restrictions/precautions as applicable for the specific areas of travel covered by the Consulting Engagement.
5. If eligible, get vaccinated against the Novel Corona Virus (CoVid - 19).
6. Install and maintain as active at all times the Government of India's Arogya Setu App.

7. If exposed to any active case of Novel Corona Virus (CoVid - 19) to take all steps as advised by the Government of India's advisories in such case.
8. If feeling unwell and experiencing any of the symptoms of Novel Corona Virus (CoVid - 19) infection - to take all steps as advised by the Government of India's advisories in such cases including but not limited to getting an RT-PCR Test for Novel Corona Virus (CoVid - 19), self-isolation, notifying the GIZ and also the concerned local Novel Corona Virus (CoVid - 19) isolation/treatment facility.
9. Other compliance as may be notified by the GIZ and the Government of India from time to time in relation to Novel Corona Virus (CoVid - 19) infection/disease.

Furthermore, The Consultant accepts the Consulting Engagement on a best and informed judgement basis with full knowledge of the tasks to be performed, the place of performance and the precautions and safeguards to be reasonably taken by the Consultant to mitigate all types of risks associated with the said Consulting Engagement. The Consultant undertakes the Consulting Engagement at his/her own risk and responsibility and shall not, under any circumstances, and at any time, be entitled to assert any liability or other claims whatsoever against the GIZ, its Management, Officers and Employees for any consequences or risks or harm that may arise to the Consultant in the course of or as a consequence of undertaking the Consulting Engagement or any actions or consequences arising in relation to such Consulting Engagement.