

## TERMS OF REFERENCE

# SCENARIO ANALYSIS OF ENERGY DEMANDS OF THE APPARELS SECTOR IN BANGLADESH AND COST BENEFIT ANALYSIS OF ORGANIZED RENEWABLE ENERGY-BASED SECTOR VS. DISORGANIZED DIRTY ENERGY-BASED SECTOR

### 1. Background of the assignment

Bangladesh is one of the most climate-vulnerable countries historically. But what is less discussed is that it is also a fast-growing economy with a high aspiration for industrial development and becoming a fully export-oriented economy. The perspective plan 2021-41 that works as a framework for the development investments of the government clearly shows an aspiration to achieve 65,000 MWs capacity of energy to support this industrialization process. The country relates this ambition with the vision to create 'ease of business for foreign investors and also acknowledges the potential climate impact of this and the need to have a better contribution of renewable energy in the energy mix. Unfortunately, the contribution of renewables in the country remains only at 3% now.

In the 'Nationally Determined Contribution - NDC' published in August 2021, the government has already declared that they plan to continue this scenario till 2030. Oxfam's 2020 report - 'Confronting Carbon Inequality' highlighted that the richest 1% of the global population are responsible for 15% of the cumulative carbon emission while the richest 10% are responsible for 52%. This analysis was reached based on the carbon footprint that comes with consumption rather than production. Europe is one of the key regions with high liability and among the top 6 categories, clothing is one.

Apart from the labor rights and wage disparity concerns, fashion industries have a carbon inequality issue to deal with going forward. In Bangladesh as well, apparel/ready-made garments (RMGs) is the key export industry (2nd largest exporter of RMG globally) that accounts for the 'vision' of high industrial growth - unfortunately based on 'dirty energy' apparently. But this is still possible because of an invisible 'emissions trading'. While the major share of benefits from this industry is being enjoyed by the consumer countries, the carbon is being accounted for in Bangladesh. As of 2021, Bangladesh is one of the highest recipients of finance for coal-based power plants (10,540 MW).

However, the good thing is, that the government is willing to promote renewable energies (and it is doing it for many sectors already). But there is no specific plan with commitments for the industries, especially the RMGs. RMGs are not spatially organized much, leading to dependence on the national grid (which is 97% dirty energy). On the brighter side of things, several actions by Accord Alliance and other stakeholders (including some environmental and workers' rights champions within the RMG owners) may be shaping an opinion is building up to ask for the enabling conditions for the RMG to better perform environmentally and socially.

## **2. Project Description**

Oxfam has a historic relationship with Bangladesh where climate justice is a key area of Oxfam's work in Bangladesh. Besides climate change adaptation, Oxfam is continuously supporting for implementation of the country's NDC plan where the energy sector has a key focus. Currently, Oxfam is implementing a project for creating a civic space for multi-stakeholder dialogue on just transition in Bangladesh's Apparels Industries which aimed to tackle the climate inequality which is growing within Bangladesh and to ensure just transition in the industrial sector of Bangladesh, so that the country does not become a center of 'invisible emissions trading' or 'emissions haven' for others while the global fight for climate justice and efforts for just transition is going on.

## **3. Purpose of the assignment**

As the project aimed to motivate energy transition in the RMG sector in Bangladesh and planned several policy dialogues in this regard, it requires doing some preliminary assessments including a cost-benefit analysis of renewable energy transformation as well as scoping the opportunities and challenges of this expected transformation. The purpose of the consultancy call is to find someone who will conduct the situation analysis, stakeholder mapping, and cost-benefit analysis of energy transformation in the apparel sector. The outcome of the study will guide Oxfam's advocacy team to find the right stakeholder to work with empirical evidence of the future of energy transition in Bangladesh.

## **4. Objectives of the assignment**

The overall objective of this assignment is to explore the prospect of renewable energy transition in the apparel sector in Bangladesh and assess the possible policy requirements for making this transition smooth and commercially viable. The specific objectives of this assignment are as follows:

- Stakeholder mapping related to the production and supply chain of the apparel sector, involved in the marketing and regulatory activities in this regard.
- To assess the energy demand of the apparel sector in Bangladesh and potential renewable sources for the expected energy transition from fossil fuel to renewable
- To assess the cost-benefit of energy transition in the apparel sector and required policy arrangements for making this transformation.
- Identify the potential renewable sources for expected transition and policy incentives for the targeted industries in this regard

## 5. Key area/Scope of the assignment

- Carry out the literature review including existing policy frameworks related to climate change mitigation and energy transformation, sustainable industrial growth in Bangladesh and environmental safeguarding related to the apparel sector.
- Mapping RMG sector related stakeholders involved in production, sales, supply chain and regulatory activities in Bangladesh context.
- Review climate change mitigation and energy transformation related policy and legislation of Bangladesh and assess its way of implications for ensuring government support.
- Conduct a national scale situation and cost benefit analysis of energy transformation in the apparel sector.
- Provide empirical evidence to support Oxfam's policy advocacy on renewable energy transformation in the apparel sector in Bangladesh

## 6. Methodology

The study will employ focus on both quantitative and qualitative methods. Data and information will be collected from both primary and secondary sources. For primary sources, Questionnaire survey, Focus Group Discussion (FGD), KII, stakeholders' meetings/consultations, observation, case study tools will be applied. Besides, a rigorous literature and policy review will be captured as a secondary source where different relevant documents, laws and legislations and international case studies will be incorporated. Consultants can take the opportunity to propose a competitive method for the assignment.

## 7. Expected deliverables and payment

A. **The required outputs of this consultancy will be as follows:** In below, few deliverables are directly related to payment and few for updates, supporting activities and communications. The consultant should work closely with Oxfam to deliver the study report and stakeholder analysis: this includes support in the preparation of advocacy meeting with concerned stakeholders and duty bearers which includes global brands, government and non-government regulatory authorities, different ministries and parliamentary standing committees.

- I. **Up to 40% payment:** An inception report (How the consultant will implement the study) including detailed methodology, data collection plan, reporting outline and timetable shall be submitted after the signature of the contract for review and approval by Oxfam.
- II. The outcome of the secondary literature and policy review should be shared after approval of the inception report.
- III. Data/information collection tools and outcome of data collection from national and local level stakeholders shall be submitted
- IV. **Up to 30% payment:** A draft stakeholder map of the apparel sector, study report and presentation including key findings;
- V. Feedback should be collected from different stakeholders as well as from Oxfam after submitting the draft study report.
- VI. The final report should be submitted after receiving comments from Oxfam.
- VII. The consultant should support proofreading for publishing the outcome as well as the policy paper/brief and should also support the dissemination of the published materials.
- VIII. **Rest 30% payment:** Facilitating the joint advocacy meeting with RSC, BGMEA and concern government institutes. The consultant should be supporting as a key speaker in the advocacy meeting.

B. **Consultancy duration:** The entire period of this consultancy including final reporting will be 40 working days after signing the agreement.

**C. Indicative time frame**

Step	Task	Duration
1	Discussion with Oxfam and Study design	1 day
	Inception report including detailed work plan	3 days

2	Desk research, policy review, analysis of the distribution model and identify relevant stakeholders	6 days
3	Field consultation (FGD), KII with relevant stakeholders (national + local including factory owners and factory level technical experts, academic and environmental experts, energy experts, regulatory authorities, energy providing suppliers, global brands, RMG owners associations, trade unions and others), and meeting with relevant Government agencies, donors, and development peers	10 days
4	Drafting of the stocktaking report	7 days
5	Facilitating two advocacy meetings (based on the preliminary report) including engagement of relevant stakeholders, and logistic arrangements	3 days
6	Finalization of the assessment report including review time from Oxfam	3 days
8	Develop policy briefs (internal resource only-to identify next steps of advocacy/influencing) for sharing with concerned stakeholders	3 days
9	Proofreading for publishing policy brief	1 day
10	Assisting in inviting guests and presenting the findings of the study at the advocacy meetings.	3 days
<b>TOTAL WORK DAYs</b>		<b>40 days</b>

**D. Confidentiality of information:** All documents and data collected will be treated as confidential and used solely to facilitate analysis. Interviewees will not be quoted in the reports without their permission.

## 8. Guideline for proposal submission

The technical proposal should comprise the following sections and be given a page limit along with a sample write up of a maximum of 2 pages and a copy of any similar work.

<b>Topic</b>	<b>Maximum Page Limit</b>
<b>Technical Proposal</b>	
Cover Page	01 Page
Table of Content	01 Page

Understanding of the study- Background, Objectives, scope and key question etc. (Not just copy and paste from the ToR)	02 Pages
Proposed Methodology	02 Pages
Experience in leading relevant evaluation work (Provide at least 2 examples of similar work, agency and time of conduction) with 02 references	01 page
Work Schedule ( divided into the week)	01 page
Team composition along with its rationale (CV in annexes)	01pages +CV
Any other relevant information (if required only)	01 page
<b>Financial Proposal</b>	
<ul style="list-style-type: none"> <li>• Detailed Budget including unit cost, No, Frequency ( if applied), Explanation (where required for clarity)</li> <li>• Consultancy days and fees (days should be mentioned for key members of the team) Travel and accommodation</li> <li>• Any other expenditure (please mention nature of expenditure) 15% VAT and 10% Tax (please calculate the total budget with VAT and Tax)</li> <li>• Total amount</li> </ul>	

## 9. Qualification and experience required

### The Consultant should have at least the following qualification:

- The applicant must be an individual or an institution/organization holding the necessary legal status to work in Bangladesh.
- The team lead should have a master's degree/PhD in equivalent fields having at least 10 years of experience in the related field;
- The applicant and/or team members should have work experience with RMG/Energy Sector, development projects (relevant) and relevant Government agencies at least for five years
- The applicant and/or team members should have experience in research, policy development, advocacy and influencing and should have sufficient knowledge in climate mitigation, power system and energy efficiency, green production and environmental safeguarding;

- Knowledge of research in RMG related energy efficiency and climate mitigation policy will be considered as an asset.
- Good communication skills and analytical ability;

## 10. Evaluation process

The selection committee will evaluate both the technical and financial proposals of the consultants/ firms based on set out evaluation criteria as follows. A cumulative weighted-scoring method will be applied to evaluate the proposal. The award of the contract will be made to the consultant/ consulting firm whose offer has been evaluated and determined as responsive/ compliant/ acceptable with reference to this TOR.

Evaluation Criteria	Weight
<b>Technical</b>	70
<b><i>1. Expertise of the consultants/ consulting firm/ organization</i></b>	
Understanding of the TOR	20
Strong skill and expertise in carrying out a relevant assignment (based on provided evidence) and team composition including management structure and qualifications of key personnel	30
<b><i>2. Methodology and work plan</i></b>	
Appropriateness of methodology including data quality assurance and management	20
<b>Financial (detail budget)</b>	30
<b>Total</b>	100

## 11. How to apply

The individual/ firm must submit the following documents at [hrbd@oxfam.org.uk](mailto:hrbd@oxfam.org.uk) along with the Technical & Financial Proposal (including VAT and TAX) separately:

### A. For Consultancy Firm

- Maximum 2-page Firm profile highlighting related assignment completed with client name, contact person and contact number
- Lead Consultant's (who will lead the assignment) Maximum 2-page CV highlighting related assignment completed, role in the completed assignment

- Other Team members (who will be involved in the assignment) one paragraph short CV highlighting related assignments completed and role
- Firm's Certificate, TIN and VAT registration and Trade License

#### **B. For Individual Consultant**

- Maximum 2-page profile highlighting related assignment completed with client name, contact person and contact number along with detailed CV
- TIN certificate and any other relevant document (if necessary)

### **12. General terms of condition**

- The proposed study needs to be completed in 40 working days beginning on the date of signing;
- The individual consultant/consulting organization will receive the research grant (including Tax/VAT) in five equal instalments as follows: the first within 2 weeks of commencement of the grant period; second on receipt of a progress report within two months of the grant period; third on submission of the draft research paper followed by an in-house presentation in front of OiBD; fourth on submission of a revised version based on comments given by independent reviewer(s); and the fifth once the final revised version is eligible for publication.
- Individual consultant/consulting organizations will be payable for all travel (both national and international) and other arrangements under this contract. OiBD will take no responsibility to make any logistic arrangements.
- All payments mentioned above shall be only in Bangladesh Taka payable only within Bangladesh;
- During this grant period individual consultant/consulting organizations will be expected to observe and uphold OiBD's Code of conduct and values, which is available on our website;
- All soft and hard copies of the assignment will be treated as the property of Oxfam
- In any circumstances, the consultant shall have no opportunity to alter the timeline and planning of data collection and submission of the first draft and final report.
- The consultant/consulting organization must maintain the standard quality in data collection, processing and reporting



- The consultant shall have the responsibility to rewrite the report, modify sections until the satisfaction of quality required by Oxfam.
- In case of any deviation, Oxfam shall have the right to terminate the agreement at any point of the project.
- Consultant/consulting organization shall be bound to pay back the full money to Oxfam given as advance of payment in case of any deviation, dissatisfaction of quality and other points mentioned in the agreement.
- Oxfam GB will deduct withholding tax from the consultancy fees which will conform with the prevailing government rates.

### **13. Application deadline**

The final deadline for the application is 07<sup>th</sup> July 2022.