



Frontier Technology Futures: Support to the DFID Bangladesh Country Office

Team of 1-2 Strategists

Total of approx. twenty-seven (27) days' input. This piece of work is a pilot, and if successful, would be replicated in other country offices. We anticipate 3-4 occurrences per year.

Available to start pre-consultations from 23rd April 2018

1 weeks travel for 1 x lead consultant to Dhaka, Bangladesh in late May/ June. Availability to travel is required for the role.

Deadline for applications:

23.59 UK Time, Monday 2nd April 2018

Want to contribute to the UK Civil Service's most innovative programme?

Frontier Technology Livestreaming (FTL) is an [award winning](#) three-year programme designed to help the UK's Department for International Development (DFID) apply frontier technologies to the biggest challenges in development. To find out more about the programme and its goals, visit our [Medium publication](#). The programme is expanding its offering, and as such will be piloting a support function to DFID country offices, in the form of Frontier Technology Futures.

Frontier Technology Futures

Supporting the DFID Bangladesh Country Office, FT Futures will help build knowledge of emerging technologies and map how technology could impact DFID Bangladesh's existing and future programming. The engagement envisions starting with a pre-consultation phase to engage DFID Bangladesh staff to understand problems to be addressed and opportunities and threats to technology adoption in programming before organising and executing a week-long event at the DFID Bangladesh Country office to further engage staff and other relevant stakeholders. Out of the consultations and event, a technology roadmap will be created to help direct how and in which capacity DFID Bangladesh can engage



more deeply with digital and frontier technologies and local technology ecosystems.

In parallel with the consultative support, a technology exchange consisting of three technology companies will accompany the consultant and participate in the event Bangladesh, sharing their innovations with the country office and other stakeholders. This is not the responsibility of the technology strategist to organise or overview, but we expect the technology exchange to also participate in strategy work alongside the country office.

The Role:

We are looking for a 1-2 person team of strategists to support the DFID Bangladesh Country Office to further their knowledge and understanding of frontier technologies and how they can be applied in their programming.

To do this, the chosen provider will be expected to run pre-consultations with DFID country staff, and carry out desk-research into technology ecosystems. The lead consultant will travel to Dhaka, Bangladesh to engage with the DFID Country Office and other relevant stakeholders to run workshops, host discussions and hold 1-1 deep-dives. The above activities will culminate in a robust and engaging technology roadmap report for the DFID Bangladesh Country Office.

The Scope:

For a full view of the approach to FT Futures, please see Annex 1 below.

The consultants contracted under this scope of work will be responsible for the following:

Phase 1: Pre-event

- 1) Carry out pre-consultations with 5-6 Bangladesh Country Office (CO) team leaders from selected priority areas to understand problems to be addressed and opportunities and threats to technology adoption in programming.
- 2) Carry out desk research to map macro technology trends (broad technology opportunities and implications - acting as inspiration for people) and trends that are relevant to Bangladesh or are already playing out in the country. The work will build from existing publications such as FT's 50 Ideas to Change the World, Ten Frontier Technologies for International Development, and Digital Possibilities in International Development.
- 3) Share broad initial learnings with the wider FTL team to support the team in selecting the parallel technology exchange.

Application Instructions

Please submit the following materials to FTLenquiries@imcworldwide.com (with "Frontier Technology Futures Consulting" in the subject line):

- Current CVs tailored to meet the requirements of the position;
- Two references;
- An indication of proposed daily fee rate in Pound Sterling (GBP);
- A list of the daily fee rates for your prior two assignments;
- An indication of how you became aware of the position

Shortlisted candidates will be invited to interview. Interviews are currently planned for Friday 13th April. The above materials are required for due diligence purposes relating to DFID supplier codes of conduct.

Deadline for submissions

23.59 UK Time, 2nd April 2018

Phase 2: Event

4) Travelling to Dhaka, Bangladesh, for one week the lead consultant will be involved and lead a variety of presentations, interactive sessions, and one-to-one consultative clinics. This will include sharing work on technology ecosystems, a deep-dives with relevant DFID staff into the priority areas identified in pre-consultations.

Phase 3: Actions and Roadmaps

5) Finalise the development of 'technology roadmaps' (or, strategic plans and action) for each targeted programming or priority area focused on.

Key Qualifications

- Previous technology strategy experience relating to the application of cutting-edge, frontier technologies in international development;
- Familiarity with the development challenges in South Asia, comfortable in familiarising with the Bangladesh country context at pace;
- Prior experience working on donor-funded programmes, DFID experience an advantage ;
- Demonstrated expertise in leading the organisation and execution of workshop activities such as, but not limited to: presentations, training, interactive sessions, research and advisory clinics (see Annex 1);
- Prior experience in eliciting insights, identifying appropriate technology applications, and developing outputs such as technology roadmaps;

Criterion	Maximum Total points
Previous technology strategy experience relating to the application of cutting-edge, frontier technologies in international development;	30
Familiarity with the development challenges in South Asia, comfortable in familiarising with the Bangladesh country context at pace;	10
Prior experience working on donor-funded programmes, DFID experience an advantage;	10
Demonstrated expertise in leading the organisation and execution of workshop activities such as, but not limited to: presentations, training, interactive sessions, research and advisory clinics	25
Prior experience in eliciting insights, identifying appropriate technology applications, and developing outputs such as technology roadmaps;	25

Annex 1: FTF Approach

The FTL team, in partnership with the DFID Country office has put together the following indicative approach for the Frontier Technology Futures event.

It is envisaged the work will largely follow this scope, but we would encourage candidates to have the freedom to shape this engagement and thus come forward with suggestions as to how this could be improved.

Please use the below as further guidance for your application.

The Bangladesh Country Office (CO) leadership team (including the Head of Country Office) has asked the FTL team to help build knowledge of emerging technologies and to map where technology could have an impact in their existing and future programming. The idea is to create the space and opportunity to understand and think about the application of frontier technologies in Bangladesh CO programming in the short, medium and longer-term.

Description of activities under workstream

This work will consist of FT Futures Support to the Bangladesh CO as well as the selection and deployment of technology solution exchange in parallel.

Component one: FT Futures Support to Bangladesh CO (pilot for a future offer)

The FT Futures support to the Bangladesh CO will occur in three phases: remote pre-consultation with the Bangladesh CO, 4-5day in-country working sessions in Dhaka, and subsequent follow-up and actions to take forward.

Phase 1 - remote pre-consultation:

- Consultation with 5-6 Bangladesh CO team leaders from selected priority areas (health and population, poverty and climate; private sector; governance; and humanitarian in addition to 1-2 central B'Desh funds) to understand problems to be addressed and opportunities and threats to technology adoption in programming. It may also surface key stakeholders to engage with while in country (relevant technology stakeholders as well as DFID stakeholders). Following the consultation, the team will look to hone in on 3-5 priority areas and programmes to work with further.
- Desk research / scan of available research to map macro technology trends (broad technology opportunities and implications - acting as inspiration for people) and trends that are relevant to Bangladesh or are already playing out in the country. The work will build from existing publications such as FT's 50 Ideas to Change the World, Ten Frontier Technologies for International Development, and Digital Possibilities in International Development.
- Plan and set-up a series of external meetings in Dhaka with relevant stakeholders (led by Bangladesh): government departments leading on technology and data, technology specialists and innovators/entrepreneurs in country.

Phase 2 - working sessions in-country:

The following is an indicative approach that is still in development with country offices:

- Day 1 - opening day: Combination of presentation and interactive sessions to engage DFID staff in frontier technologies: sharing the horizon scanning work/macro trends, insights from the pre-consultations and some stories from FTL projects to date (including sharing video interviews); introducing the 3 FT specialists and hearing about their technologies; allowing open space to map areas to explore further and programme needs (beyond what has already been identified through pre-consultations).
- Day 2-4 - opportunity identification with stakeholders: Combination of further engagement with DFID stakeholders who have expressed interest for support on programming and external consultations within the technology ecosystem in Bangladesh. The objective of this work is to surface and map the technology ecosystem in Bangladesh and learn more about the needs (problem-driven), the opportunities and threats for technology adoption in programming in the short, medium and longer term.
- Day 3-5: Combination of 1:1 advisory 'clinics' with targeted DFID advisers to together with the FTF Team map technology roadmaps or scope further research needs and potential FTL pilots alongside a few modules of technology/digital training and capacity building. The latter is anticipated to be delivered by DFID advisers from EPIC with participation from the technology specialist (e.g., a deep dive into a technology or an introduction to work with technology innovation methods such as Lean).

Whole office reflection session at the end of the week to share lessons learned and progress made with roadmapping.

Phase 3: actions and roadmaps

Following the week of working sessions and consultation in-country, the FTF Team will finalise the development of 'technology roadmaps' (or, strategic plans and action) for each targeted programming or priority area focused on. Much of this will be collaboratively developed in-country with the teams but we anticipate some finalising of plans will be required.

Component Two: Technology Exchange

Concurrently with the activities above, the FTL hub will run a competition for technology specialists to be selected to travel to the Bangladesh CO. Whilst in Bangladesh, they will have the opportunity to be introduced to the country office and share their work, join some of the external and internal stakeholder meetings and participate as part of the FTF team.