Strengthening ICT and Telecom Sector in Bangladesh (STIB)

A project Proposal
from
BANGLADESH

Presented by
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Secretary General

Association of Mobile Telecom Operators of Bangladesh
Association of Mobile Telecom Operators of Bangladesh (AMTOB)

Organization dedicated in bridging relationship with the policy makers, government, regulator, international agencies and ICT related organizations and grass root level for the eradication of digital divide through capacity building, empowering and encouraging innovation towards Digital Bangladesh.

www.amtob.org.bd
## Project Brief

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<td><strong>Objective</strong></td>
<td>▪ To develop human resources, enhance and upgrade communication facilities and facilitate institutional strengthening of Telecom &amp; ICT Division of the Ministry, and BTRC, for a conducive policy and regulatory framework by identifying and overcoming the barriers affecting the growth of the ICT sector.</td>
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| **Expected Results** | ▪ Strengthened Capacity of Telecom Division for facilitating a supportive telecom policy for achieving national objectives  
▪ Strengthened Capacity of ICT Division & BTRC for facilitating an ICT & regulatory environment to contribute towards achieving desired objectives of the regulators & policy makers  
▪ Institutional strengthening of AMTOB to support Industry & Stakeholders |
| **Main Activities** | ▪ Establishment of a project governance structure  
▪ Purchase and installation of equipment (hardware and software)  
▪ Setting up and installation of the AMTOB Information & Knowledge Center  
▪ Formulating recommendations for capacity development |
| **Budget** | 2,336,000 USD |
| **Beneficiary Country** | Bangladesh  
Any other country |
Implementing Agency:
Association of Mobile Telecom Operators of Bangladesh (AMTOB)

Project Manager:
ITU Regional Office for the ASP
Project Partners

Government Co-op Agency:
1. Telecom Division of Ministry of Posts, Telecommunication and Information Technology (MoPTIT)

Other Government Partners:
2. Bangladesh Telecommunication Regulatory Commission (BTRC)
1. ICT Division of Posts, Telecommunication and Information Technology (MoPTIT)
CALL FOR POTENTIAL PARTNER

Association of Mobile Telecom Operators of Bangladesh (AMTOB) and
International Telecommunication Union (ITU)

This cooperation intends to:

**Strengthening ICT & Telecom sectors in Bangladesh (STIB)**

Develop Human Resources, enhance and upgrade communication facilities and achieve institutional strengthening of Telecom Division & ICT Division of Ministry of Posts, Telecommunication and Information Technology (MoPTIT), and BTRC, for a conducive policy and regulatory framework by identifying and overcoming the barriers affecting the growth of the Telecom & CT sector.

Strengthen AMTOB by establishing an **Information & Knowledge Center** within the organization to encourage dissemination of information, with the facility functioning as an information hub for stakeholders (which include Government, Industry, Media, Academia, Law Enforcement Agencies and Civil Society).

Create greater awareness on issues concerning the Telecom & ICT sectors and sensitize stakeholders including related Government agencies such as NBR, Law Enforcement Agencies etc., Media, Academia and Civil Society on the need and importance of policy reform and implementation.

To this end, the two organizations call for partners on “Strengthening ICT and Telecom Sector in Bangladesh (STIB)” and look forward to working together with ITU Members and other interested stakeholders.
Telecom industry at a glance  Telecom & ICT – key indicators

- 71%+ Tele-density
- 114m+ Mobile subscribers
- 22%+ Internet Penetration
- 35m+ Internet users
- 99% population coverage
- 16 lacs+ employment generation

◆ Per capita Income rising steadily (from US$ 620 in 2009 to US$ 1000 in 2013)

Luxury to life style

No demand to Necessity
Bangladesh Telecom industry at a glance
Investment - mobile industry invested more than BDT 70,000 Crore

BDT 71,870 core + investment in mobile industry since inception

[Graph showing investment trends from 1997 to 2013, with a +25.6% increase in 2004 and a peak in 2013 at 114,383]
Bangladesh Telecom & ICT - economic growth drivers

GDP growth is function of telecom penetration

Increase in GDP (%) for 10% increase in penetration

- Fixed: 0.43%
- Mobile: 0.60%
- Internet: 0.77%
- Broadband: 1.21%
- Low Income Economy: 1.38%
- High Income Economy: 1.12%

Source: World Bank Analysis
Bangladesh Telecom industry at a glance
Sector contribution to GDP, National Revenue & FDI
Telecom & ICT - economic growth drivers
GDP growth is function of telecom penetration

1.8% increase in penetration leads to 0.7% increase in GDP over 5 years

- Developing country has higher potential compare to developed country.
- Bangladesh has 5.8% growth potential.
ICT industry at a glance
Current growth rate is impressive

**pc growth rate is impressive, yoy growth rate is around 40%**

*sales of tablet computers are increasing - as new devices attract business users and low costs draw consumers*

**affordability is a great concern for rural penetration**

*major export market of IT enabled services – north america, EU countries, japan*

Source: BASIS & BCS website
Contribution To Society

Health
Taking medical facilities to deprived segment through “Tele-Health”

Agriculture
Increasing productivity through “Krishi Jigyasha”

Banking
Bank for unbanked rural communities through “Mobile Banking”

Education
Quality education even in rural through “Education Hotline”

Governance
Easy access to information & Thana level connectivity through “Zoom”

Cell/SMS Broadcasting
Alerts on Natural Disaster

m-Commerce
Buy/Sell from Home, No Middle man, Cellbazaar, Robi Haat-Bazaar

Internet & Information Service
Reduce Digital Divide through CIC, MMS

PCO
Mobile Telecommunications for everyone & every-where
Telecom & ICT – in economic transformation

Telecom & ICT are working as nucleus for other sectors

- E-governance
- Agriculture Sector
- Banking Sector
- Insurance
- Entertainment (Music & Content Developers)
- Utility Service Sector
- Smes & Other Business Communities
- News & Media
- Education
- Health Sector
Every 100 taka that mobile operators earn as revenue 55 taka goes to government exchequer

Every 100 taka investment that comes to Bangladesh as FDI 62 taka comes from mobile operators

Every 100 taka that government spend as government expenditure, 10 taka comes from mobile operators

GDP contribution of 3.1%
Why This Project

• Bangladesh Government Telecom Division of Ministry of Posts, Telecommunications and ICT (MoPT) and Association of Mobile Telecom Operators of Bangladesh (AMTOB) have initiated this project in order to strengthen the capacity of stakeholders of the Telecom and ICT sectors in Bangladesh so that the country’s ICT & Telecom growth can be sustained.

• Enhanced capacity of stakeholders will help to play relevant roles in developing the ICT and Telecom sectors further and accelerate economic development of the country.

• Creating opportunity for other Partners for integrating & contributing to the capacity development initiative & implement best practices through this project.
Challenges to ICT/Telecom Growth

• Lack of short-term and long-term vision and roadmap for the sectors
• Appropriate policy for augmenting sector growth
• Policy alignment of ICT and Telecom Divisions
• Capacity development is required for stakeholders/policymakers
• Global standard is required for Licensing and Tax Regime
• Absence of knowledge-hub and R&D facilities
The Solution

Improve capacity of stakeholders of the ICT and Telecom sectors through a coordinated and dedicated project, particularly for policymaking and regulating bodies, and also for private entities like AMTOB, which can work as coordinator among stakeholders and can provide better assistance to the ICT and telecom sectors for a sustainable business growth through PPP.
Stakeholders To Be Involved

**PRIMARY STAKEHOLDERS**

- Telecom Division
- BTRC
- AMTOB
- ITU
- MNOs
- Potential Partner
- ICT Division

**SECONDARY STAKEHOLDERS**

- Academia
- NBR
- Law Enforcement Agencies
- Civil Society
- Media
- Private Sector

Association of Mobile Telecom Operators of Bangladesh
Information & Knowledge Center

- MoPT
- MoICT
- BTRC

INFORMATION & KNOWLEDGE CENTER
- RESEARCH/STUDY
- TRAINING
- INFORMATION & KNOWLEDGE HUB

- AMTOB
- MNOs
- ITU

☑ National Board of Revenue
☑ Law Enforcing Agencies
☑ MEDIA
☑ ACADEMIA
☑ CIVIL SOCIETY
☑ PRIVATE SECTOR
☑ OTHER PARTNER

Association of Mobile Telecom Operators of Bangladesh
Thank You!

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