

Bangladesh Telecommunication Regulatory Commission (BTRC)

Cost & Tariff in Bangladesh

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Bangladesh Telecommunication Sector

&

the activities of BTRC



Bangladesh



Population: 146.6 M
(Census 2011)



Area: 144000 sq. KM



**Per Capita
Income: USD 772**



GDP Growth Rate: 6.32%
(2010-11)

Telecommunication Market

BANGLADESH

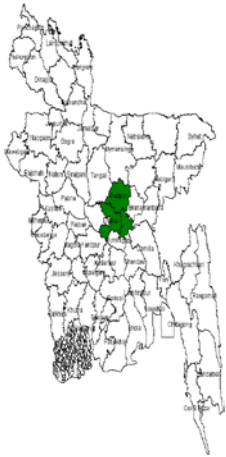
Competition : Intense
Call charges : Declining
Customer service : Improving
Geographic coverage : Expanding
New value-added services : Improving

All these indications suggest a healthy & robust Telecommunication industry with promising growth in the area of technology, services and consumers' choices

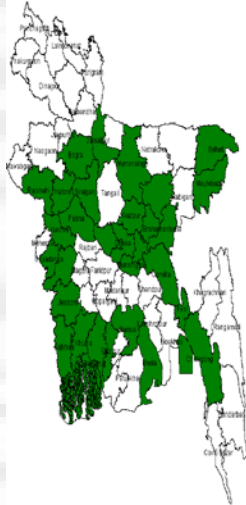


Wireless Network Coverage

1997
3 / 64 Districts



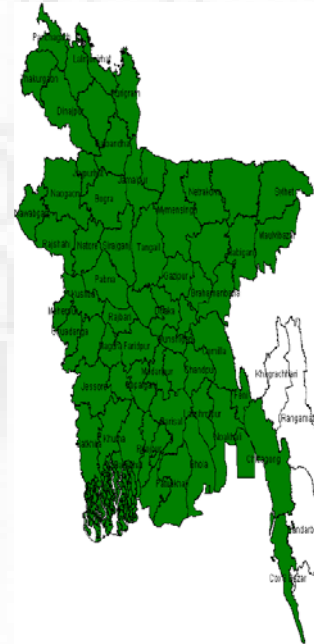
2000
30 / 64 Districts



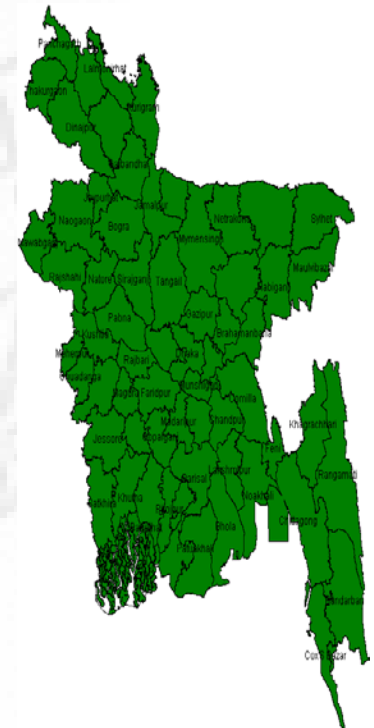
2002
50 / 64 Districts



2004
61 / 64 Districts



At present
64 / 64 Districts



- ❖ o6 Mobile, o2 BWA Operator and ISPs
- ❖ Mobile Coverage : 95% Geographical and 99% Population

Telecom & ICT Applications

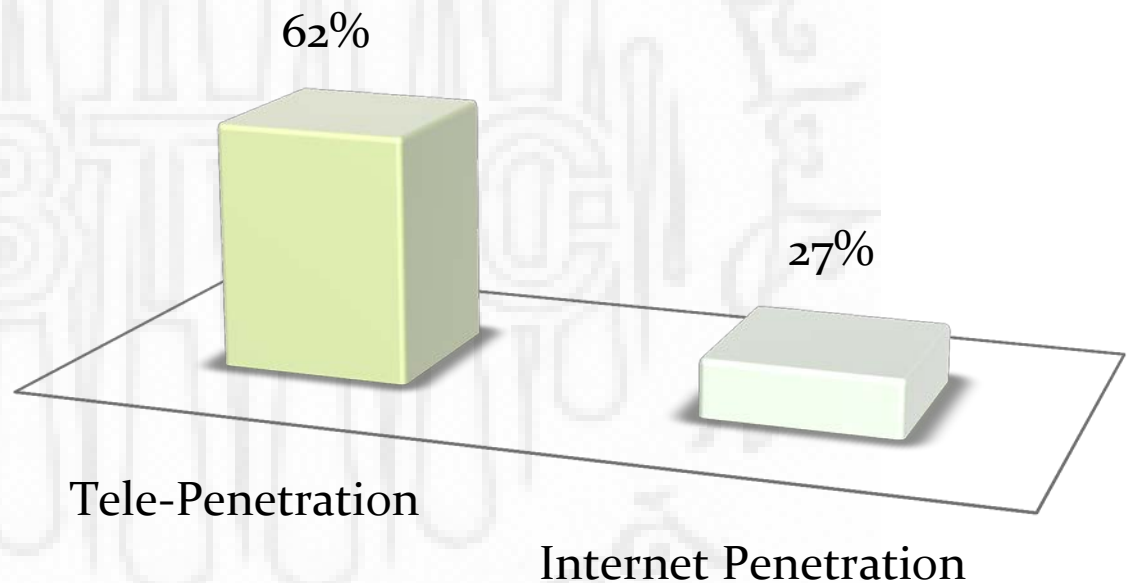


Telecom Indicators

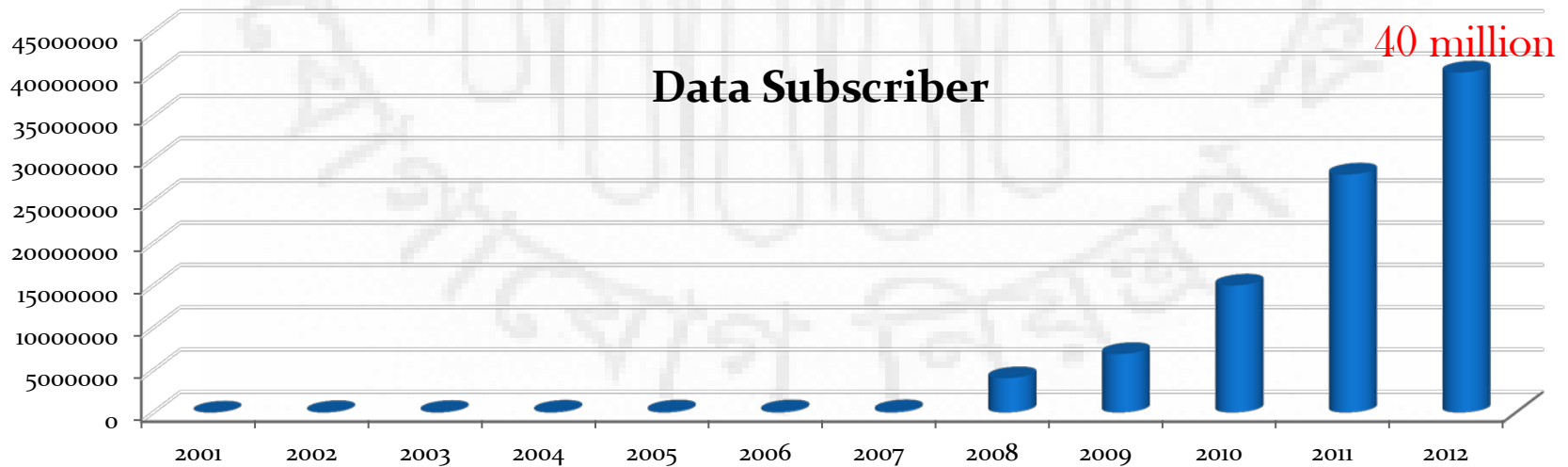
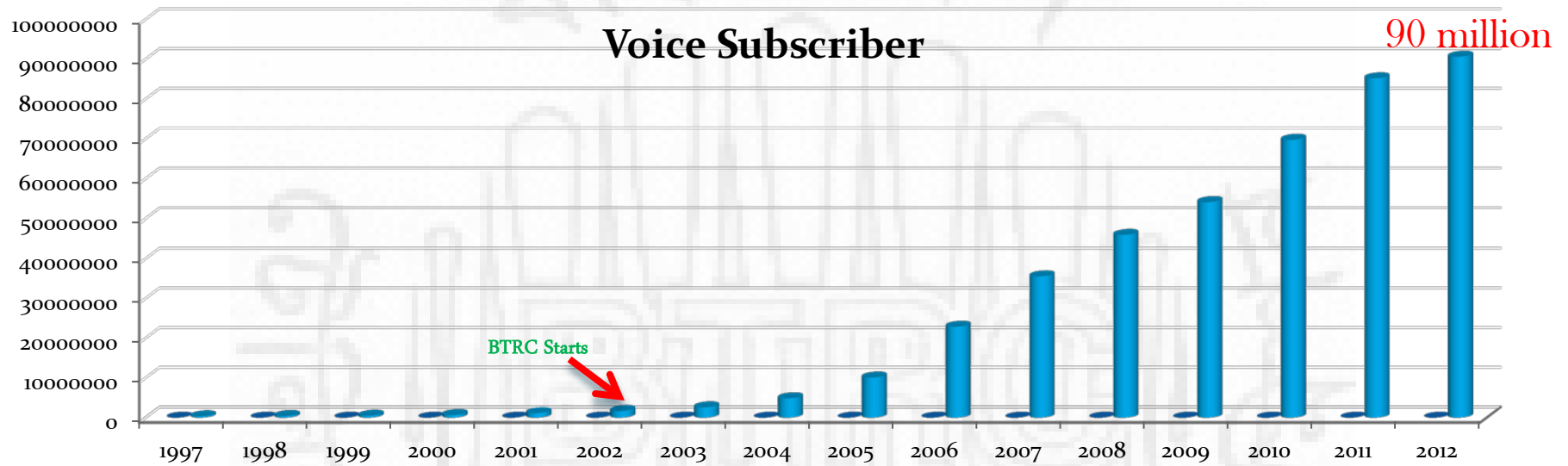
ICT Indicators

(as of May'12)

- Tele-density is more than **62%**
- Internet Penetration is more than **27%**
- Over **90 M** Telecom Subscribers
- More than **40 M** Internet users.

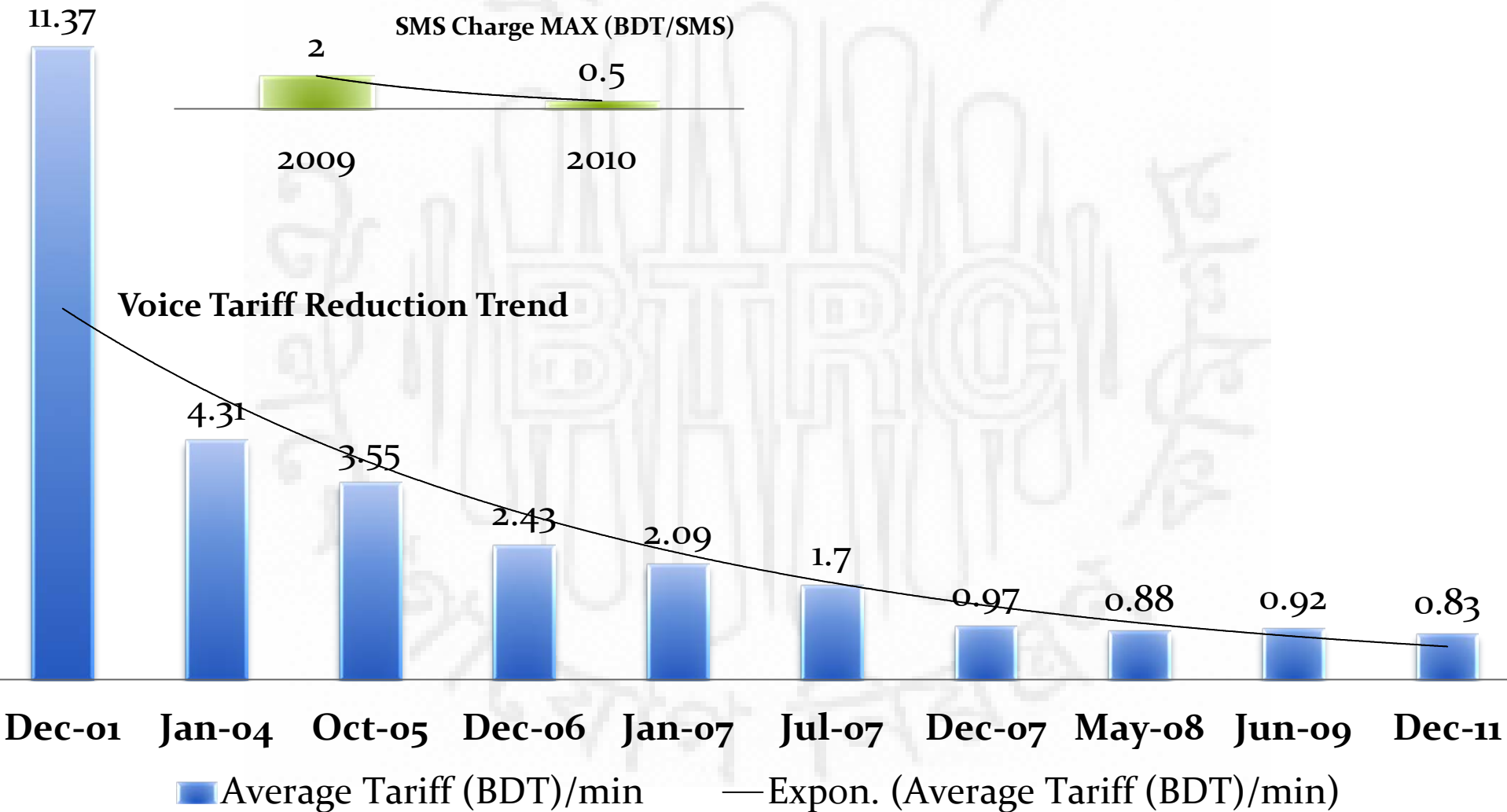


Growth of the Industry



Tariff: Affordability for the Subscribers

1 USD=BDT 82.00

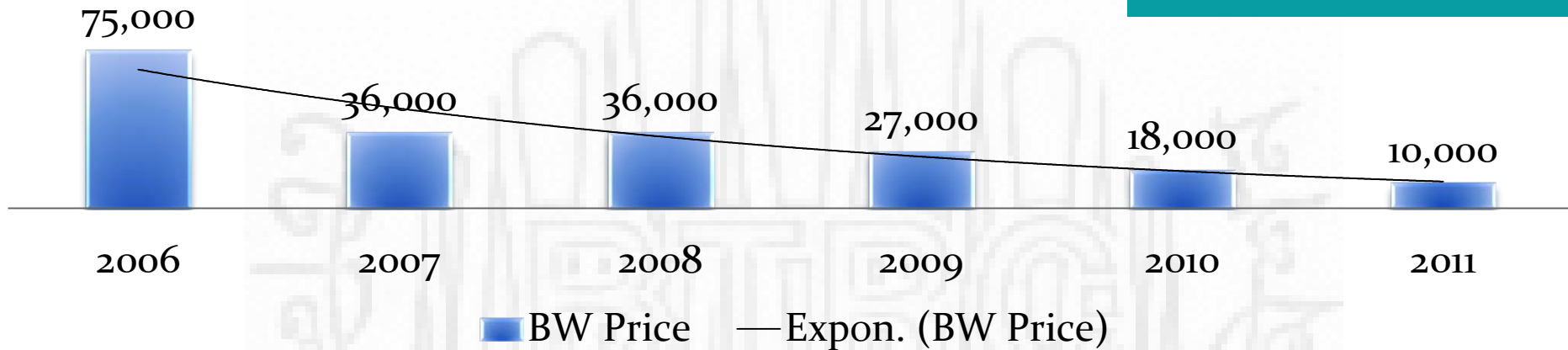


Internet BW Price

Affordability for the Subscribers

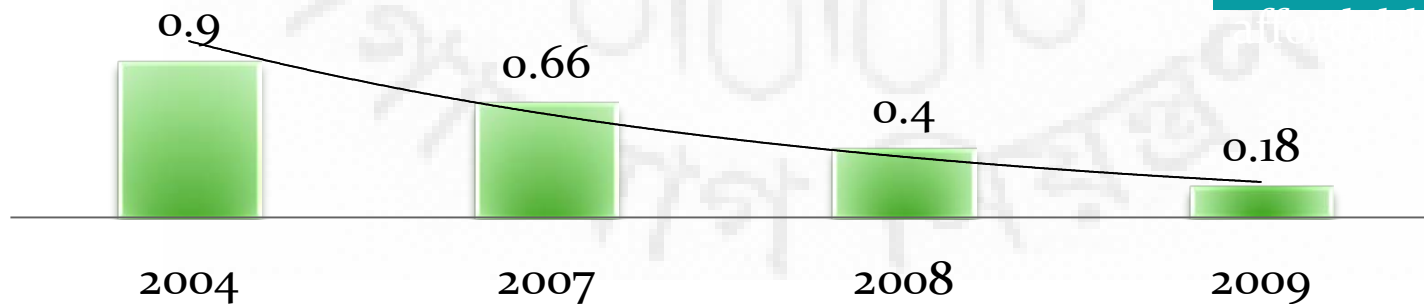
Internet BW Price Reduction Trend

Internet Price is now more affordable.



Interconnect Termination Rate(BDT/Min)

Termination rate reduced to make the off-net voice service more



Brief History about Cost Modeling project for Interconnection in Bangladesh:

- March 28, 2010** Start of ITU funded project on cost modeling, interconnection framework and tariff policy.
- March 30, 2010** Start of phase-1 of the project with a multi-party (all stakeholders) Project-Workshop run by the Commission.
- Dec 9, 2010** Completion of phase-1 (non-disclosure agreement, data collection, administrative works with project-consultant) of the project.
- Dec 13, 2010** Start of phase-2 of the project with a individual-party (every kind of licensee/operators singly) project-workshop run by project-consultant (Mr. Jim Holmes).
- October 29, 2011** Submission of mobile network cost model data sheet.
- End of Dec 2011** Completion of project.

LRIC: Bottom Up Model for Interconnection in Bangladesh:

- * Basically we considered Bottom Up Model for Fixed, Mobile and ISP Networks.
- * We need considerable data from Licensed Operator to do this.

Project Outcome: Voice Call Tariff

(1 USD= BDT 82.00)

Tariff for Internet Protocol Telephony Service Provider (IPTSP)

SL	Description	Existing IPTSP Tariff (Excluding VAT)	New/Revised (approved by BTRC) for IPTSP Tariff (Excluding VAT)
1	Tariff Range	Maximum BDT 2.00/min	Maximum BDT 2.00/min
2	IPTSP (On-net) & IPTSP to IPTSP (within the same network & other IPTSP network)	Maximum BDT 0.20/min	Maximum BDT 0.10/min
3	IPTSP (Off net) (Termination in the other network)	Maximum BDT 0.40/min	Maximum BDT 0.30/min
4	IPTSP to International outgoing	Rate to be approved by BTRC	Rate to be approved by BTRC
5	Interconnection charges	BDT 0.40/min (Originating operator 0.18, Termination operator 0.18 & ICX operator 0.04/min	BDT 0.40/min (Originating operator 45%, Termination operator 45% & ICX operator 10%)

Project Outcome Voice Call Tariff

(1 USD= BDT 82.00)

Public Switch Telephone Network (PSTN Tariff):

SL	Description	Existing PSTN Tariff (Excluding VAT)	New/Revised (approved by BTRC) for IPTSP Tariff (Excluding VAT)
1	Tariff Range	BDT 0.25 to 2.00/min	Maximum BDT 2.00/min
2	PSTN (On-net) (within the same network)	BDT 0.25 to 2.00/min	Maximum BDT 0.10/min
3	PSTN (Off net) (Termination in the other network)	Minimum BDT 0.65/min	Maximum BDT 0.40/min
4	PSTN to International outgoing	Rate to be approved by BTRC	Rate to be approved by BTRC
5	Interconnection charges	BDT 0.40/min (Originating operator 0.18, Termination operator 0.18 & ICX operator 0.04/min	BDT 0.40/min (Originating operator 45%, Termination operator 45% & ICX operator 10%)

Project Outcome: Voice Call Tariff

(1 USD= BDT 82.00)

Mobile Tariff:

SL	Description	Existing Mobile Tariff (Excluding VAT)	New/Revised (approved by BTRC) for IPTSP Tariff (Excluding VAT)
1	Tariff Range	BDT 0.25 to 2.00/min	Maximum BDT 2.00/min
2	Mobile (On-net) (Within the same network)	BDT 0.25 to 2.00/min	Maximum BDT 0.25/min
3	Mobile (Off net) (Terminating in other network)	Minimum BDT 0.65/min	Maximum BDT 0.60/min
4	Mobile to International outgoing	Rate to be approved by BTRC	Rate to be approved by BTRC
5	Interconnection charges	BDT 0.40/min (Originating operator 0.18, Termination operator 0.18 & ICX operator 0.04/min	BDT 0.40/min (Originating operator 45%, Termination operator 45% & ICX operator 10%

Project Outcome-Voice call Tariff

SMS Tariff for IPTSP, PSTN & Mobile Operator

(1 USD= BDT 82.00)

SMS Tariff:

SL	Description	Existing PSTN Tariff (Excluding VAT)	New/Revised (approved by BTRC) for IPTSP Tariff (Excluding VAT)
1	Subscriber to Subscribers SMS	BDT 0.25 to 2.00/min	Maximum BDT 0.50/min
2	Subscriber to International outgoing	BDT 0.25 to 2.00/min	Maximum BDT 2.50/min
3	Other VAS SMS	Rate to be approved by BTRC	Rate to be approved by BTRC
4	Interconnection charges	BDT 0.40/min (Originating operator 0.18, Termination operator 0.18 & ICX operator 0.04/min	BDT 0.10/SMS (Originating operator 45%, Termination operator 45% & ICX operator 10%)

Thanking Your Patience

