

২০২৩-২০২৪ অর্থবছরের বার্ষিক কর্ম সম্পাদন চুক্তির ৩য় ত্রৈমাসিক প্রতিবেদন

দপ্তর/সংস্থার নাম: বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড

ক্রমিক নং	কর্মসম্পাদন সূচক (Performance Indicators)	গণনা পদ্ধতি	পরিমাপের একক	অর্ধনের লক্ষ্যমাত্রা	৩য় ত্রৈমাসিকে অর্ধন	এই পর্যন্ত অর্ধন	অর্ধনের প্রমাণক	মন্তব্য
১	২	৩	৪	৫	৬	৭	৮	৯
১	[১.১.১] বঙ্গবন্ধু স্যাটেলাইট-১ এর ট্রান্সপার কাপাসিটি বিক্রয়কৃত আয়	সমষ্টি	টাকা (কোটি)	১৬৫	৪৮.০০৪	১০৮.৯১২	কার্যক্রম ১.১.১	লক্ষ্যমাত্রার সাথে সামঞ্জস্যপূর্ণ
২	[২.১.১] বঙ্গবন্ধু স্যাটেলাইট-১ এর আওতাধীন সম্প্রচারিত টিভি চ্যানেলের প্রাপ্যতার (Uptime Availability) শতকরা পরিমাণ	ক্রমপূর্ণিত	%	৯৯.৮৫৫	৯৯.৯৬৭	৯৯.৯৮৬	কার্যক্রম ২.১.১	লক্ষ্যমাত্রার সাথে সামঞ্জস্যপূর্ণ
৩	[৩.১.১] বঙ্গবন্ধু স্যাটেলাইট-১ এর মাধ্যমে সম্প্রচারিত ডিটিএইচ সেবার প্রাপ্যতার (Uptime Availability) শতকরা পরিমাণ	ক্রমপূর্ণিত	%	৯৯.৮৫৫	৯৯.৯৯৫	৯৯.৯৯৫	কার্যক্রম ৩.১.১	লক্ষ্যমাত্রার সাথে সামঞ্জস্যপূর্ণ
৪	[৪.১.১] সংযুক্ত প্রতিষ্ঠান সংখ্যা	ক্রমপূর্ণিত	সংখ্যা	১৫	১	১৫	কার্যক্রম ৪.১.১	লক্ষ্যমাত্রার সাথে সামঞ্জস্যপূর্ণ
৫	[৫.১.১] প্রকল্পের উন্নয়ন প্রকল্প প্রত্যাশনা (ডিপিপি) প্রণীত	সমষ্টি	সংখ্যা	১		০		সরকারের নির্দেশনা অনুযায়ী 'বঙ্গবন্ধু স্যাটেলাইট-২' তৈরি ও উৎক্ষেপণের বিষয়ে বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এবং রাশিয়ান জয়েন্ট পাবলিক কোম্পানি, Glavkosmos ও ফ্রান্সের Airbus Defence and Space SAS এর মধ্যে যথাক্রমে একটি Memorandum of Collaboration (MoC) ও একটি Letter of Intent (LoI) স্বাক্ষরিত হয়। এর মধ্যে Glavkosmos এর মাধ্যমে 'বঙ্গবন্ধু স্যাটেলাইট-২' তৈরি ও উৎক্ষেপণ প্রকল্পের ডিপিপি প্রস্তুতির কার্যক্রম প্রারম্ভ হয়েছে। তবে, যেহেতু 'বঙ্গবন্ধু স্যাটেলাইট-২' তৈরি ও উৎক্ষেপণ এর জন্য দুইটি পৃথক MoC ও LoI স্বাক্ষরিত হয়েছে, সেহেতু সরকারের চূড়ান্ত নির্দেশনার প্রেক্ষিতে প্রস্তুতকৃত ডিপিপি'র প্রয়োজনীয় সংশোধন ও পরিমার্জন করে চূড়ান্ত করা হবে।
৬	[৬.১.১] প্রশিক্ষণ আয়োজন	ক্রমপূর্ণিত	সংখ্যা	০৬	১	৫	কার্যক্রম ৬.১.১	শেষ ত্রৈমাসিক আর্দ্রে প্রশিক্ষণ আয়োজন করা হবে।

শাহু আব্দুল কাবির  
মহাব্যবস্থাপক (বিক্রয় ও বিপণন)  
বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড

ড. শাহু জামাল মাহমুদ  
চেয়ারম্যান ও প্রধান নির্বাহী কর্মকর্তা  
বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড



বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাঞ্চী নজরুল ইসলাম আড্ডিনিউ, ঢাকা-১০০০  
www.bscl.gov.bd



নম্বর: ১৪.৩৬.০০০০.০০২.১৯.০২৩.১৯.১৩

তারিখ: ১৯ চৈত্র ১৪৩০ বঙ্গাব্দ  
০২ এপ্রিল ২০২৪ খ্রি:সাব্দ

#### প্রত্যয়ন পত্র

বিষয়: বঙ্গবন্ধু স্ট্যাটেলাইট-১ এর ট্রান্সপন্ডার কাণাশিটি বিক্রয়কৃত অয়ের বিষয়ে প্রত্যয়ন।

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড এর বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রম (১.১.১) অনুযায়ী ২০২৩-২০২৪ অর্থ বছরের ৩য় ত্রৈমাসিকের (অনুযায়ী/২০২৪ থেকে মার্চ/২০২৪) বঙ্গবন্ধু স্ট্যাটেলাইট-১ এর ট্রান্সপন্ডার কাণাশিটি বিক্রয়কৃত অয়ের বিবরণ নিম্নরূপঃ

বিবরণী	ইনডেন্স দুল্য	ট্যাট	মোট
জানুয়ারি ২০২৪	১৩৩,০৪৩,১২৪	১৭,১৯৪,০৩৬	১৫০,২৩৭,১৬০
ফেব্রুয়ারি ২০২৪	১১৮,২৬৪,০০৯	১৪,০৮২,১৭১	১৩২,৩৪৬,১৮০
মার্চ ২০২৪	১৭২,৬২৯,৪৩৬	২৩,২৩০,১৮৪	১৯৫,৮৬০,৬২০
সর্বমোট			৪৭৮,৪৪৩,৯৬০

কথায়: আটচল্লিশ কোটি চারশত হাজার সাতশত ঠোঁটটি টাকা মাত্র।

৩য় ত্রৈমাসিক পর্যন্ত মোট অয়ের চিত্র নিম্নরূপঃ

১ম ত্রৈমাসিকে অয় (কোটিতে)	২য় ত্রৈমাসিকে অয় (কোটিতে)	৩য় ত্রৈমাসিকে অয় (কোটিতে)	৩য় ত্রৈমাসিক পর্যন্ত সর্বমোট অয় (কোটিতে)
৪৩.১২৮	৪৭.৭৮৮	৪৯.০০৪	১৩৯.৯২০

সংযুক্তি: ১ প্রস্থ সংযুক্ত।

০২-০৪-২০২৪

ড. শাহজাহান মাহমুদ  
চেয়ারম্যান

০২৪১০৩০০৯২

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বিতরণ জ্ঞাতার্থে/জ্ঞাতার্থে ও কার্যার্থে (জ্যেষ্ঠতার ক্রমানুসারে নয়):

- ১। সচিব, সচিবের দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ;
- ২। চেয়ারম্যান, চেয়ারম্যান ও প্রধান নির্বাহী কর্মকর্তা এর দপ্তর, বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড এবং
- ৩। অতিরিক্ত সচিব (এপিএ ও সুস্বাচার), অতিরিক্ত সচিব (এপিএ ও সুস্বাচার) এর দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ।



সকল সংযুক্তিসমূহ:

- (১) অয়ের প্রত্যয়ন



বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাজী নজরুল ইসলাম অ্যাভিনিউ, ঢাকা-১০০০  
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স্মারক নম্বর: ১৪.৩৯.০০০০.০০৪.০২.০৭১.২০.৪৭

তারিখ: ১৯ চৈত্র ১৪৩০ বঙ্গাব্দ  
০২ এপ্রিল ২০২৪ খ্রিস্টাব্দ

বিষয়: ২০২৩-২৪ অর্থবছরের বার্ষিক কর্মসম্পাদন চুক্তির অর্জনের তথ্য প্রেরণ।

পত্রের বিষয়বস্তু আলোকে প্রত্যয়ন করা যাচ্ছে যে ২০২৩-২০২৪ অর্থ বছরের মার্চ ২০২৪ মাসের সার্ভিস বাবদ আয়ের পরিমাণ নিম্নরূপঃ

বিবরণী	ইনভয়েস মূল্য	ভ্যাট	মোট
মার্চ ২০২৪	১৭২,৬২৯,৪৩৬	২৩,১৩১,৯৮৫	১৯৫,৭৬১,৪২১
		সর্বমোট	১৯৫,৭৬১,৪২১

(টাকা উনিশ কোটি সাতান্ন লক্ষ একষট্টি হাজার চার শত একশ মাত্র)

০২-০৪-২০২৪

হামেদ হাসান মুহাম্মদ মহিউদ্দীন  
উর্ধ্বতন ব্যবস্থাপক (অতিরিক্ত দায়িত্ব)

চেয়ারম্যান, চেয়ারম্যান ও প্রধান নির্বাহী কর্মকর্তা এর দপ্তর, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড।

স্মারক নম্বর: ১৪.৩৯.০০০০.০০৪.০২.০৭১.২০.৪৭/১ (৩)

তারিখ: ১৯ চৈত্র ১৪৩০ বঙ্গাব্দ  
০২ এপ্রিল ২০২৪ খ্রিস্টাব্দ

সদয় জ্ঞাতার্থে/জ্ঞাতার্থে(জ্যেষ্ঠতার ক্রমানুসারে নয়):

- ১। মহাব্যবস্থাপক (বিক্রয় ও বিপণন), মহাব্যবস্থাপক (বিক্রয় ও বিপণন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড;
- ২। উর্ধ্বতন ব্যবস্থাপক (ফ্যাসিলিটি এন্ড সিকিউরিটি), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এবং
- ৩। সহকারী ব্যবস্থাপক, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড।



০২-০৪-২০২৪

হামেদ হাসান মুহাম্মদ মহিউদ্দীন  
উর্ধ্বতন ব্যবস্থাপক (অতিরিক্ত দায়িত্ব)





বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাজী নজরুল ইসলাম অ্যাভিনিউ, ঢাকা-১০০০  
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নম্বর: ১৪.৩৯.০০০০.০০২.৯৯.০২৩.১৯.৭

২৪ গৌষ ১৪৩০ বঙ্গাব্দ  
তারিখ: ০৮ জানুয়ারী ২০২৪ খ্রিস্টাব্দ

প্রত্যয়ন পত্র

বিষয়: বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এর ২০২৩-২৪ অর্থ বছরের বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রম [১.১.১] বঙ্গাব্দ স্যাটেলাইট-১ এর ট্রান্সপন্ডার ক্যাপাসিটি বিক্রয়কৃত আয় বিষয়ক ২য় ত্রৈমাসিক প্রত্যয়ন।

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এর বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রম [১.১.১] অনুযায়ী ২০২৩-২০২৪ অর্থ বছরের ২য় ত্রৈমাসিকের (অক্টোবর/২০২৩ থেকে ডিসেম্বর/২০২৩) বঙ্গাব্দ স্যাটেলাইট-১ এর ট্রান্সপন্ডার ক্যাপাসিটি বিক্রয়কৃত আয়ের বিবরণ নিম্নরূপঃ

বিভাগ	ইনডেক্স ব্লক	স্ট্যাটাস	মোট
অক্টোবর ২০২৩	১২৪, ৩০৯, ০০০	১৮, ১৪৬, ২৪৬	১৪৬, ৮৪৬, ২৪৬
নভেম্বর ২০২৩	১২০, ০৪০, ৪০০	১০, ২০১, ৮০০	১০৪, ২৪০, ৪০০
ডিসেম্বর ২০২৩	১৭২, ৫০০, ৪০০	২৩, ১১৯, ৪০০	১৪৯, ৮৪০, ৪০০
		সর্বমোট	৪০০, ৯২৬, ০৪৬

কথায়ঃ সাতচল্লিশ কোটি আটাত্তর লক্ষ তিরিশি হাজার ছয়শত চার টাকা মাত্র।

২য় ত্রৈমাসিক পর্যন্ত মোট আয়ের চিত্র নিম্নরূপঃ

১ম ত্রৈমাসিকে আয় (কোটিতে)	২য় ত্রৈমাসিকে আয় (কোটিতে)	২য় ত্রৈমাসিক পর্যন্ত মোট আয় (কোটিতে)
৪৩.১২৮	৪৭.৭৮৮	৯০.৯১৬

সংযুক্তি: ২ প্রস্থ সংযুক্ত।

০৮-০১-২০২৪

ড. শাহজাহান মাহমুদ  
চেয়ারম্যান

বিতরণ জ্ঞাতার্থে/জ্ঞাতার্থে ও কার্যার্থে (জ্যেষ্ঠতার ক্রমানুসারে নয়):

- ১। সচিব, সচিবের দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ;
- ২। চেয়ারম্যান, চেয়ারম্যান ও প্রধান নির্বাহী কর্মকর্তা এর দপ্তর, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এবং
- ৩। অতিরিক্ত সচিব (এপিএ ও শুদ্ধাচার), অতিরিক্ত সচিব (এপিএ ও শুদ্ধাচার) এর দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ।



সকল সংযুক্তিসমূহ:

- (১) সার্ভিস বাবদ আয়, ২য় কোয়ার্টার
- (২) ১ম ত্রৈমাসিক প্রত্যয়ন



বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাজী নজরুল ইসলাম অ্যাভিনিউ, ঢাকা-১০০০  
www.bscl.gov.bd



স্মারক নম্বর: ১৪.৩৯.০০০০.০০৪.০২.০৭১.২০.৩

তারিখ: ২০ পৌষ ১৪৩০ বঙ্গাব্দ  
০৪ জানুয়ারী ২০২৪ খ্রিস্টাব্দ

বিষয়: ২০২৩-২৪ অর্থবছরের বার্ষিক কর্মসম্পাদন চুক্তির অর্জনের তথ্য প্রেরণ।

পত্রের বিষয়বস্তু আলোকে প্রত্যয়ন করা যাচ্ছে যে ২০২৩-২০২৪ অর্থ বছরের ২য় কোয়ার্টার (অক্টোবর-ডিসেম্বর/২০২৩) পর্যন্ত সার্ভিস বাবদ আয়ের পরিমাণ নিম্নরূপঃ

বিবরণী	ইনভয়েস মূল্য	ভ্যাট	মোট
অক্টোবর ২০২৩	১২৮,৭০৯,৩১৬	১৮,১৪৬,৯৫৬	১৪৬,৮৫৬,২৭১
নভেম্বর ২০২৩	১২০,০৪৫,৪৫০	১৫,২৩১,৮৩১	১৩৫,২৭৭,২৮০
ডিসেম্বর ২০২৩	১৭২,৬৩০,৪৬৯	২৩,১১৯,৫৮৪	১৯৫,৭৫০,০৫৩
		সর্বমোট	৪৭৭,৮৮৩,৬০৪

(টাকা সাতচল্লিশ কোটি আটাত্তর লক্ষ তিরিশি হাজার ছয় শত চার মাত্র)

০৪-০১-২০২৪

সাইফ মাহমুদ

হিসাব রক্ষণ কর্মকর্তা (অভ্যন্তরীণ হিসাব ও অর্থ)

চেয়ারম্যান, চেয়ারম্যান ও প্রধান নির্বাহী কর্মকর্তা এর দপ্তর, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড।

স্মারক নম্বর: ১৪.৩৯.০০০০.০০৪.০২.০৭১.২০.৩/১ (২)

তারিখ: ২০ পৌষ ১৪৩০ বঙ্গাব্দ  
০৪ জানুয়ারী ২০২৪ খ্রিস্টাব্দ

সদয় জ্ঞাতার্থে/জ্ঞাতার্থে(জ্যেষ্ঠতার ক্রমানুসারে নয়):

- ১। মহাব্যবস্থাপক (বিক্রয় ও বিপণন), মহাব্যবস্থাপক (বিক্রয় ও বিপণন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এবং
- ২। ব্যবস্থাপক (নন গভঃ সেক্টর সেলস), ব্যবস্থাপক (নন গভঃ সেলস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড।



০৪-০১-২০২৪

সাইফ মাহমুদ

হিসাব রক্ষণ কর্মকর্তা (অভ্যন্তরীণ হিসাব ও অর্থ)





বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাজী নজরুল ইসলাম অ্যাভিনিউ, ঢাকা-১২০৫  
[www.bscl.gov.bd](http://www.bscl.gov.bd)



নম্বর ১৪.৩৯.০০০০.০০২.৯৯.০২৩.১৯.২০৬৫

তারিখ: ১৮ আশ্বিন ১৪৩০

০৩ অক্টোবর ২০২৩

প্রত্যয়ন পত্র

বিষয়: বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এর ২০২৩-২৪ অর্থ বছরের বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রম [১.১.১] বঙ্গবন্ধু স্যাটেলাইট-১ এর ট্রান্সপন্ডার ক্যাপাসিটি বিক্রয়কৃত আয় বিষয়ক ১ম ত্রৈমাসিক প্রত্যয়ন।

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এর বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রম [১.১.১] অনুযায়ী ২০২৩-২০২৪ অর্থ বছরের ১ম ত্রৈমাসিকের (জুলাই/২০২৩ থেকে সেপ্টেম্বর/২০২৩) বঙ্গবন্ধু স্যাটেলাইট-১ এর ট্রান্সপন্ডার ক্যাপাসিটি বিক্রয়কৃত আয়ের বিবরণ নিম্নরূপঃ

বিবরণী	ইনভয়েস মূল্য	ভ্যাট	মোট
জুলাই ২০২৩	১১৩,১৭২,৪১২	১৬,৮০১,৩৮৯	১২৯,৯৭৩,৮০১
আগস্ট ২০২৩	১০৪,৩৮৮,২৫৩	১৫,২১৫,২৪৬	১১৯,৬০৩,৪৯৯
সেপ্টেম্বর ২০২৩	১৫৮,৩১১,৭১৪	২৩,৩৯১,৬৪৯	১৮১,৭০৩,৩৬৩
সর্বমোট			৪৩১,২৮০,৬৬৩

কথায়ঃ (টাকা: তেতাল্লিশ কোটি বারো লক্ষ আশি হাজার তেষট্টি মাত্র)

৩-১০-২০২৩

মোঃ শফিকুল ইসলাম

ব্যবস্থাপনা পরিচালক (অতিরিক্ত দায়িত্ব)

ইমেইল:

[managing.director@bscl.com.bd](mailto:managing.director@bscl.com.bd)

সদয় অবগতি ও কার্যার্থে প্রেরণ করা হল:

১) সচিব, ডাক ও টেলিযোগাযোগ বিভাগ

২) চেয়ারম্যান, চেয়ারম্যান ও প্রধান নির্বাহী কর্মকর্তা এর দপ্তর, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড

৩) উপসচিব (বাজেট), উপসচিব (বাজেট)-এর দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ





বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাজী নজরুল ইসলাম অ্যাভিনিউ, ঢাকা-১০০০  
www.bscl.gov.bd



স্মারক নম্বর: ১৪.৩৯.০০০০.০০৪.০২.০৭১.২০.১০৬

তারিখ: ১৮ আশ্বিন ১৪৩০

০৩ অক্টোবর ২০২৩

বিষয়: ২০২৩-২৪ অর্থবছরের বার্ষিক কর্মসম্পাদন চুক্তির অর্জনের তথ্য প্রেরণ।

পত্রের বিষয়বস্তু আলোকে প্রত্যয়ন করা যাচ্ছে যে ২০২৩-২০২৪ অর্থ বছরের ১ম কোয়ার্টার (জুলাই-সেপ্টেম্বর/২০২৩) পর্যন্ত সার্ভিস বাবদ আয়ের পরিমাণ নিম্নরূপঃ

বিবরণী	ইনভয়েস মূল্য	ভ্যাট	মোট
জুলাই ২০২৩	১১৩,১৭২,৪১২	১৬,৮০১,৩৮৯	১২৯,৯৭৩,৮০১
আগস্ট ২০২৩	১০৪,৩৮৮,২৫৩	১৫,২১৫,২৪৬	১১৯,৬০৩,৪৯৯
সেপ্টেম্বর ২০২৩	১৫৮,৩১১,৭১৪	২৩,৩৯১,৬৪৯	১৮১,৭০৩,৩৬৩
সর্বমোট			৪৩১,২৮০,৬৬৩

(টাকা তেতাল্লিশ কোটি বারো লক্ষ আশি হাজার তেষটি মাত্র)

৩-১০-২০২৩

সাইফ মাহমুদ

হিসাব রক্ষণ কর্মকর্তা (অভ্যন্তরীণ হিসাব ও অর্থ)

ব্যবস্থাপনা পরিচালক (অতিরিক্ত দায়িত্ব)  
বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড

স্মারক নম্বর: ১৪.৩৯.০০০০.০০৪.০২.০৭১.২০.১০৬/১(২)

তারিখ: ১৮ আশ্বিন ১৪৩০

০৩ অক্টোবর ২০২৩

সদয় অবগতি ও কার্যার্থে প্রেরণ করা হল:

১) মহাব্যবস্থাপক (বিক্রয় ও বিপণন), মহাব্যবস্থাপক (বিক্রয় ও বিপণন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড

২) ব্যবস্থাপক (নন গভঃ সেক্টর সেলস), ব্যবস্থাপক (নন গভঃ সেলস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড

৩-১০-২০২৩

সাইফ মাহমুদ

হিসাব রক্ষণ কর্মকর্তা (অভ্যন্তরীণ হিসাব ও অর্থ)



বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাছাী নজরুল ইসলাম অ্যাডমিনিস্ট্রিটিভ, ঢাকা-১০০০  
www.bscl.gov.bd



নম্বর: ১৪.০৯.০০০০.০০২.৯৯.০২০.১৯.১২

তারিখ: ১৯ টেত্র ১৪৩০ বঙ্গাব্দ  
০২ এপ্রিল ২০২৪ খ্রিষ্টাব্দ

### প্রত্যয়ন পত্র

বিষয়: বঙ্গবন্ধু স্যাটেলাইট-১-এর আওতায় সম্প্রচারিত টিভি চ্যানেলের প্রাপ্যতার (Uptime Availability) শতকরা পরিমাণ।

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)-এর বার্ষিক কর্মসম্পন্নন চুক্তি ২০২০-২০২৪ এর কার্যক্রম ২.১.১ অনুযায়ী 'জানুয়ারি/২০২৪' হতে 'মার্চ/২০২৪' পর্যন্ত বঙ্গবন্ধু স্যাটেলাইট-১-এর আওতায় সম্প্রচারিত টিভি চ্যানেলের প্রাপ্যতার (Uptime Availability) শতকরা পরিমাণ ৯৯.৯৬%।

৩য় ত্রৈমাসিক পর্যন্ত বঙ্গবন্ধু স্যাটেলাইট-১-এর আওতায় সম্প্রচারিত টিভি চ্যানেলের প্রাপ্যতার (Uptime Availability) শতকরা পরিমাণের চিত্র নিম্নতুল:

১ম ত্রৈমাসিকে শতকরা প্রাপ্যতা	২য় ত্রৈমাসিকে শতকরা প্রাপ্যতা	৩য় ত্রৈমাসিকে শতকরা প্রাপ্যতা	মুঠ শতকরা প্রাপ্যতা
৯৯.৯৯২	৯৯.৯৯৮	৯৯.৯৬%	৯৯.৯৮৬

বার্ষিক কর্মসম্পন্নন চুক্তি ২০২০-২০২৪ এর কার্যক্রম ২.১.১ এর লক্ষ্যমাত্রা অনুযায়ী অর্জন ১০০%।

এতৎবিষয়ে বিস্তারিত প্রতিবেদন সংযুক্ত।

সংযুক্তি: ০ প্রস্থ সংযুক্ত।

০২-০৪-২০২৪

ড. শাহজাহান মাহমুদ

চেয়ারম্যান

০২৪১০০০০৯২

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বিতরণ জ্ঞাতার্থে/জ্ঞাতার্থে ও কার্যার্থে (স্বোচ্চতার ক্রমানুসারে নয়):

- ১। সচিব, সচিবের দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ এবং
- ২। অতিরিক্ত সচিব (এপিএ ও শুমারার), অতিরিক্ত সচিব (এপিএ ও শুমারার) এর দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ।



সকল সংযুক্তিসমূহ:

- (১) ২১ ৩য় ত্রৈমাসিক
- (২) Service Availability Report TV Radio\_Q2\_23-24\_signed.pdf
- (৩) ১ম ত্রৈমাসিকের প্রত্যয়ন

## প্রত্যয়ন পত্র

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বঙ্গবন্ধু স্যাটেলাইট-১ এর আওতায় সম্প্রচারিত টিভি চ্যানেলের জানুয়ারি-২০২৪ এবং ফেব্রুয়ারি-২০২৪ এ প্রাপ্যতার শতকরা পরিমাণ নিম্নরূপ:

TV Channel name	Total Outage Duration, January 2024	BSCL network availability, January 2024	Total Outage Duration, February 2024	BSCL network availability, February 2024
News 24 HD	0:00:00	100.000%	0:00:00	100.000%
Bangla TV HD	0:00:00	100.000%	0:00:00	100.000%
Gaan Bangla HD	0:00:00	100.000%	0:00:00	100.000%
Channel I HD	0:00:00	100.000%	0:00:00	100.000%
ATN Bangla	0:00:00	100.000%	0:00:00	100.000%
Bangla Vision HD	0:00:00	100.000%	0:00:00	100.000%
71 TV HD	0:00:00	100.000%	0:00:00	100.000%
DBC NEWS HD	0:00:00	100.000%	0:00:00	100.000%
NTV	0:00:00	100.000%	0:00:00	100.000%
Boishakhi TV	0:00:00	100.000%	0:00:00	100.000%
SATV HD	0:00:00	100.000%	0:00:00	100.000%
Asian TV HD	0:00:00	100.000%	0:00:00	100.000%
BTV National	0:00:00	100.000%	2:02:00	99.708%
RTV HD	0:00:00	100.000%	0:00:00	100.000%
Bijoy TV	0:00:00	100.000%	0:00:00	100.000%
BTV Shangshad	0:00:00	100.000%	2:02:00	99.708%
BTV World	0:00:00	100.000%	2:02:00	99.708%
BTV CTG	0:00:00	100.000%	0:00:00	100.000%
Ekushey TV	0:00:00	100.000%	0:00:00	100.000%
My TV HD	0:00:00	100.000%	0:00:00	100.000%
Desh TV	0:00:00	100.000%	0:00:00	100.000%
Jamuna TV	0:00:00	100.000%	0:00:00	100.000%

  
Asif Ahmed Khan  
Manager  
(Network Engineer)  
Bangladesh Communication  
Satellite Company Limited (BSCSL)



<i>TV Channel name</i>	<i>Total Outage Duration, January 2024</i>	<i>BSCL network availability, January 2024</i>	<i>Total Outage Duration, February 2024</i>	<i>BSCL network availability, February 2024</i>
ATN News	0:00:00	100.000%	0:00:00	100.000%
Mohona TV	0:00:00	100.000%	0:00:00	100.000%
Nagorik TV HD	0:00:00	100.000%	0:00:00	100.000%
Ananda TV	0:00:00	100.000%	0:00:00	100.000%
T Sports TV HD	0:00:00	100.000%	0:00:00	100.000%
Channel 24	0:00:00	100.000%	0:00:00	100.000%
Nexus TV HD	0:00:00	100.000%	0:00:00	100.000%
Global TV	0:00:00	100.000%	0:00:00	100.000%
Ekhon TV	0:00:00	100.000%	0:00:00	100.000%
Madani TV	0:00:00	100.000%	0:00:00	100.000%
Green TV HD	0:00:00	100.000%	0:00:00	100.000%
Bangladesh Betar, CTG	0:00:00	100.000%	0:00:00	100.000%
Bangladesh Betar, Dhaka	0:00:00	100.000%	0:00:00	100.000%
Independent TV	0:00:00	100.000%	0:00:00	100.000%
Duranto TV HD	0:00:00	100.000%	0:00:00	100.000%
Maasranga TV HD	0:00:00	100.000%	0:00:00	100.000%
Somoy TV	0:00:00	100.000%	0:00:00	100.000%
Channel 9 HD	0:00:00	100.000%	0:00:00	100.000%
Deepto TV HD	0:00:00	100.000%	0:00:00	100.000%
Gazi TV HD	0:00:00	100.000%	0:00:00	100.000%
Zee Bangla	0:00:00	100.000%	0:00:00	100.000%
Zee Bangla Cinema	0:00:00	100.000%	0:00:00	100.000%
<b>Monthly Average</b>		<b>100.000%</b>		<b>99.98%</b>

  
**Asif Ahmed Khan**  
 Manager  
 (Network Engineer)  
 Bangladesh Communication  
 Satellite Company Limited (BCSL)

## প্রত্যয়ন পত্র

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বঙ্গবন্ধু স্যাটেলাইট-১ এর আওতায় সম্প্রচারিত টিভি চ্যানেলের মাঠ-২০২৪ এ প্রাপ্যতার শতকরা পরিমাণ নিম্নরূপ:

Channel Name	Duration	Percentage
News 24 HD	0:26:00	99.94%
Bangla TV HD	0:26:00	99.94%
Gaan Bangla HD	0:26:00	99.94%
Channel I HD	0:26:00	99.94%
ATN Bangla	0:26:00	99.94%
Bangla Vision HD	0:26:00	99.94%
71 TV HD	0:26:00	99.94%
DBC NEWS HD	0:26:00	99.94%
NTV	0:26:00	99.94%
Boishukhi TV	0:26:00	99.94%
SATV HD	0:26:00	99.94%
Asian TV HD	0:26:00	99.94%
BTV National	0:26:00	99.94%
RTV HD	0:26:00	99.94%
Bijoy TV	0:26:00	99.94%
RTV Sangsad	0:26:00	99.94%
BTV World	0:26:00	99.94%
BFV CIG	0:26:00	99.94%
Ekushey TV	0:26:00	99.94%
My TV HD	0:26:00	99.94%
Desh TV	0:26:00	99.94%
Jamuna TV	0:26:00	99.94%

ATN News	0:26:00	99.94%
Mobuta TV	0:26:00	99.94%
Nagorik TV HD	0:26:00	99.94%
Ananda TV	0:26:00	99.94%
T Sports TV HD	0:26:00	99.94%
Channel 24 HD	0:26:00	99.94%
Nexus TV HD	0:26:00	99.94%
EkhonTV HD	0:26:00	99.94%
Madani TV HD	6:24:26	99.14%
Global TV	0:26:00	99.94%
Green TV	0:26:00	99.94%
BD Detur. CTG	0:26:00	99.94%
RD Betar, Dhaka	0:26:00	99.94%
Independent TV	0:26:00	99.94%
Duranto TV HD	0:26:00	99.94%
Masranga TV HD	0:26:00	99.94%
Somoy TV	0:26:00	99.94%
Channel 9 HD	0:26:00	99.94%
Deepto TV HD	0:26:00	99.94%
Gazi TV HD	0:26:00	99.94%
Zee Bangla	0:26:00	99.94%
Zee Bangla Cinema	0:26:00	99.94%

  
 Asif Ahmed Khan  
 Manager  
 (Network Engineer)  
 Bangladesh Cable Channel  
 Sales Company (BCCSC)



বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাণী নজরুল ইসলাম অ্যাডমিনিস্ট্রেশন, ঢাকা-১০০০  
www.bscl.gov.bd



নম্বর: ১৪.০৯.০০০০.০০২.১১.০২০.১১.১১

তারিখ: ১৯ চৈত্র ১৪৩০ বঙ্গাব্দ  
০২ এপ্রিল ২০২৪ খ্রিষ্টাব্দ

প্রত্যয়ন পত্র

বিষয়: বঙ্গবন্ধু স্যাটেলাইট-১-এর আওতায় সম্প্রচারিত ডিটিএইচ সেবার প্রাপ্যতার (Uptime Availability) শতকরা পরিমাণ।

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল) -এর বার্ষিক কর্মসম্পাদন রুট্রি ২০২০-২০২৪ এর কার্যক্রম ০.১.১ অনুযায়ী 'জানুয়ারি/২০২৪' হতে 'মার্চ/২০২৪' পর্যন্ত বঙ্গবন্ধু স্যাটেলাইট-১-এর আওতায় সম্প্রচারিত ডিটিএইচ সেবার প্রাপ্যতার (Uptime Availability) শতকরা পরিমাণ ৯৯.৯৯%।

২য় ত্রৈমাসিক পর্যন্ত বঙ্গবন্ধু স্যাটেলাইট-১-এর আওতায় সম্প্রচারিত ডিটিএইচ সেবার প্রাপ্যতার (Uptime Availability) শতকরা পরিমাণের চিত্র নিম্নরূপঃ

১ম ত্রৈমাসিকে শতকরা প্রাপ্যতা	২য় ত্রৈমাসিকে শতকরা প্রাপ্যতা	৩য় ত্রৈমাসিকে শতকরা প্রাপ্যতা	মুঠ শতকরা প্রাপ্যতা
৯৯.৯৯১	৯৯.৯৯২	৯৯.৯৯৪	৯৯.৯৯৩

বার্ষিক কর্মসম্পাদন রুট্রি ২০২০-২০২৪ এর কার্যক্রম ০.১.১ এর লক্ষ্যমাত্রা অনুযায়ী ৩য় ত্রৈমাসিকের অর্জন ১০০%।

এতৎবিষয়ে ০৫ ত্রৈমাসিক প্রতিবেদন সংযুক্ত।

সংযুক্তি: ০ প্রথ সংযুক্ত।

০২-০৪-২০২৪

ড. শাহজাহান মাহমুদ

চেয়ারম্যান

০২৪১০০০০৯২

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বিতরণ জ্ঞাতার্থে/জ্ঞাতার্থে ও কার্যার্থে(আইসিআর ক্রমানুসারে নয়):

- ১। সচিব, সচিবের দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ;
- ২। অতিরিক্ত সচিব (এপিএ ও পুষ্টিভাণ্ডার), অতিরিক্ত সচিব (এপিএ ও পুষ্টিভাণ্ডার) এর দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ এবং
- ৩। ব্যবস্থাপক (নয় পত্র) সেক্টর সেলস), ব্যবস্থাপক (নয় পত্র) সেলস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড।



সকল সংযুক্তিসমূহ:


- (১) ০.১ ৩য় ত্রৈমাসিক
- (২) Service Availability Report DTH\_Q2\_23-24\_signed.pdf
- (৩) ডিটিএইচ সেবার ১ম ত্রৈমাসিক প্রত্যয়ন



## প্রত্যয়ন পত্র

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বঙ্গবন্ধু স্যাটেলাইট-১ এর আওতায় সম্প্রচারিত ডিটিএইচ সেবার মার্চ -২০২৪ এ প্রাপ্যতার শতকরা পরিমাণ নিম্নরূপ:

March 24	outage	0:06:30	99.985%
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ASST. AD. (Gen. KHON)  
Director  
National Frequency  
Management Centre  
Bangladesh Telecommunication  
Authority, Dhaka-1000

## প্রত্যয়ন পত্র

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বঙ্গবন্ধু স্যাটেলাইট-১ এর আওতায় সম্প্রচারিত ডিটিএইচ সেবার জানুয়ারি-২০২৪ এবং ফেব্রুয়ারি-২০২৪ এ প্রাপ্যতার শতকরা পরিমাণ নিম্নরূপ:

Customer name:	Month	Events	Total Down Time	Availability
BEXCOM	January_24	No outage	0:00:00	100.000%
	February_24	No outage	0:00:00	100.000%

  
Asir Ahmed Khan  
Manager  
(Network Engineer)  
Bangladesh Communication  
Satellite Company Limited (BCSCL)



বাংলাদেশ স্যাটেলাইট কোম্পানি  
লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি  
প্রতিষ্ঠান)  
১১৬ কাজী নজরুল ইসলাম  
অ্যাভিনিউ, ঢাকা-১০০০  
www.bscl.gov.bd



নম্বর: ১৪.০৯.০০০০.০০২.৯৯.০২০.১৯

তারিখ: ০২.০৪.২০২৪

প্রত্যয়ন পত্র

বিষয়: বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)-এর বার্ষিক  
কর্মসম্পাদন চুক্তির কার্যক্রম [৪.১] ডি-স্যাট সেবার প্রত্যয়ন প্রেরণ প্রসঙ্গে।

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এর বার্ষিক  
কর্মসম্পাদন চুক্তির কার্যক্রম [৪.১] ডি-স্যাট সেবার আওতায় বিভিন্ন প্রতিষ্ঠানকে  
অন্তর্ভুক্তিকরণের মাধ্যমে স্থানীয় বাজার সৃষ্টি এর আওতায় ২০২০-২৪ সালের ৩য় ত্রৈমাসিক  
(জানুয়ারি/২০২৪- মার্চ/২০২৪) পর্যন্ত নিম্নলিখিত ১৫ টি প্রতিষ্ঠান এর সাথে বিএসসিএল  
চুক্তিবদ্ধ হয়েছেঃ

নং	প্রতিষ্ঠানের নাম	চুক্তি স্বাক্ষর	বাণিজ্যিক সেবা প্রদান আরম্ভের তারিখ
০১	ইস্টার্ন ব্যাংক লিমিটেড	২৮ মার্চ ২০২২	১ জুন ২০২২
০২	ডাচ বাংলা ব্যাংক লিমিটেড	৬ জুন ২০২২	১ জুলাই ২০২২
০৩	সিস্টেমস সল্যুশন এন্ড ডেভেলপমেন্ট টেকনোলজিস লিমিটেড	৩০ জুন ২০২২	১ সেপ্টেম্বর ২০২২
০৪	স্বয়ার ইনফরমেশন লিমিটেড	১ সেপ্টেম্বর ২০২২	১ অক্টোবর ২০২২
০৫	বাংলাদেশ কর্তার পার্ট	১৫ নভেম্বর ২০২২	১ ডিসেম্বর ২০২২
০৬	চালওয়াল লিমিটেড	১০ সেপ্টেম্বর ২০২২	১ অক্টোবর ২০২২
০৭	০৪ ইন্ডিয়ান কম্পিউটার সিস্টেমস	০০ জানুয়ারী ২০২০	১ মার্চ ২০২০
০৮	বাংলাদেশ পুলিশ	২৭ ফেব্রুয়ারী ২০২০	১ মে ২০২০
০৯	বাংলাদেশ কম্পিউটার কাউন্সিল (বিসিসি)	১৫ জুন ২০২০	১ জুলাই ২০২০
১০	বাংলাদেশ বেতার	১৫ জুন ২০২০	১ জুলাই ২০২০
১১	বাংলাদেশ সেনাবাহিনী-এর সিগন্যালস পরিদপ্তর	২২ জুন ২০২০	১ জুলাই ২০২০
১২	ইউসাইটেড কমার্শিয়াল ব্যাংক	২৬ জুন ২০২০	১ জুলাই ২০২০
১৩	রায়ু বিজিবি	২৪ আগস্ট ২০২০	১ সেপ্টেম্বর ২০২০
১৪	থ্যা সিটি ব্যাংক লিমিটেড	২৬ আগস্ট ২০২০	১ ডিসেম্বর ২০২০
১৫	বেসামরিক বিমান চলাচল কর্তৃপক্ষ	২৭ মার্চ ২০২৪	১ এপ্রিল ২০২৪

সংযুক্তি: ১৬ প্রশ্ন সংযুক্ত।

ড. শাহজাহান মাহমুদ  
চেয়ারম্যান

০২৪১০০০০৬২

chairman@bscl.com.bd  
www.facebook.com/bcsclbd

বিভিন্ন জ্ঞাতার্থে/জ্ঞাতার্থে ও কার্যার্থে (জ্যেষ্ঠতার ক্রমানুসারে নয়):

- ১। সচিব, সচিবের দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ;
- ২। অতিরিক্ত সচিব (এপিএ ও শুদ্ধাচার), অতিরিক্ত সচিব (এপিএ ও শুদ্ধাচার) এর দপ্তর,  
ডাক ও টেলিযোগাযোগ বিভাগ এবং
- ৩। মহাব্যবস্থাপক (বিক্রয় ও বিপণন), মহাব্যবস্থাপক (বিক্রয় ও বিপণন), বাংলাদেশ  
স্যাটেলাইট কোম্পানি লিমিটেড।



## SPACE SEGMENT SERVICE CONTRACT AGREEMENT

Bangladesh Satellite Company Limited (BSCL)

ও

Civil Aviation Authority of Bangladesh (CAAB)

-এর মধ্যকার স্বাক্ষরিত বাণিজ্যিক চুক্তিপত্র।

# বিএসসিএল-এর কপি

স্মারক নং-১৪.৩৯.০০০০.০০৩.৯৯.০৫০(অংশ-৩).২০-০৪৬

তারিখ: ২৭ মার্চ ২০২৪ খ্রি:





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**BANGABANDHU SATELLITE-1  
SPACE SEGMENT SERVICE CONTRACT AGREEMENT**  
No. 14.39.0000.003.99.050(Part-3),20-046

This Bangabandhu Satellite-1 Space Segment Service Contract Agreement (hereinafter referred to as the "Contract" or "Agreement" or "Contract Agreement") is made on 27-March-2024 and shall become effective from 27-March-2024 by and between:

**Bangladesh Satellite Company Limited**, a public limited company with registration No. C-139192 registered in the office of The Registrar of Joint Stock Companies & Firms incorporated under the Companies Act (Act XVIII) of 1994 of the People's Republic of Bangladesh, represented by its **Managing Director** having its registered office at SEL Rose-N-Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh, hereinafter referred to as "Service Provider" or "BSCL" (which expression shall unless excluded by or repugnant to the context shall mean and include its legal representative, nominees, successor-in-interest, permitted assigns and legal heirs of the BSCL).

----- THE FIRST PARTY

And

**Civil Aviation Authority of Bangladesh (CAAB)**, functions as the regulatory body for all aviation related activities in Bangladesh. It is the civil aviation authority of Bangladesh operating under the Ministry of Civil Aviation & Tourism, represented by its **Chairman**, with its registered office located at Civil Aviation Authority Headquarter, Kurmitola, Dhaka-1229, Bangladesh hereinafter appropriately referred to as "CAAB" or "Customer", (which expression shall unless excluded by or repugnant to the context shall mean and include its legal representative, nominees, successor-in-interest, permitted assigns and legal heirs of the Customer).

----- THE SECOND PARTY

BSCL and Customer are individually hereinafter referred to as a "Party" or collectively as the "Parties".

**WHEREAS**

- BSCL is the provider of Space Segment Service or Satellite Bandwidth of Ku-Band/ C-Band via Bangabandhu Satellite-1 (hereinafter referred to as "service");
- Customer desires to use the Space Segment Service of Bangabandhu Satellite-1 (herein after called "BS-1") for the purpose of VSAT service and is willing to be obliged with the payment commitments; and
- BSCL desires to provide to Customer such Space Segment Service of Bangabandhu Satellite-1 upon fulfilling agreed payment terms.

**THEREBY,**

- In consideration of the payments to be made by the customer to the service provider, the service provider hereby covenants with the customer to provide the service therein in conformity in all respects with the provisions of this Contract Agreement.
- The customer hereby covenants to pay the service provider in consideration of the provision of the services, the Service Fee or such other sum as may become payable under the provisions of the Contract at the times and in the manner defined by this Contract Agreement.

**NOW, THEREFORE**, BSCL and Customer, in consideration of the mutual covenants expressed herein, is signed and executed between the parties under the following terms and conditions:

“দেশপ্রেমের শপথ নিন, দুর্নীতিকে বিদায় দিন”



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## 1. DEFINITIONS

In this Contract Agreement, unless there is anything repugnant to the subject or the context requires otherwise, the following words and phrases shall have the meaning herewith assigned to them:

- 1.1. "Contract/Agreement/Contract Agreement" includes this agreement and the Annexures/ Appendices hereto, as amended from time to time by both parties mutual understanding.
- 1.2. "Satellite" means Bangabandhu Satellite-1, or other satellite(s) to be designated by BSCL, operated by BSCL and located at 119.1° East. Brief particulars of the Satellite are set forth in Appendix B of this Contract Agreement.
- 1.3. "Space Segment Service" means allocation of Bangabandhu Satellite-1 or other satellite(s)'s Ku-Band/C-Band bandwidth for the purpose of broadcasting television signal/VSAT service, as detailed specified in the APPENDIX B of this Contract Agreement.
- 1.4. "Service Period" means the period for which the allocation of Bangabandhu Satellite-1 or other satellite(s)'s C-Band/ Ku-Band bandwidth is to be provided to CUSTOMER.
- 1.5. "Service Fee" means the Yearly payment to be made by the CUSTOMER for the allocated hereunder, and includes any other payments to be made by Customer to BSCL hereunder.
- 1.6. "The Date of Commencement" means the effective date of this Contract Agreement.
- 1.7. "Due date of Payment" means The due date of payment shall be in accordance with the schedule in Appendix-G of this Contract Agreement.
- 1.8. "Backhaul" shall mean an intermediate link between the Customer and BSCL premises.
- 1.9. "Content" shall mean all information in the form of audio, video and data which is received from the Customer to Uplink from BSCL Ground Station.
- 1.10. "Downlink" shall mean the receiving signals from Satellite to Ground Station.
- 1.11. "Satellite Operator" means BSCL only.
- 1.12. "Transponder" shall mean a combination of various interconnected devices which receive radio signal from ground station at higher frequency and transmit back to lower frequency in the coverage area of the satellite.
- 1.13. "Uplink" shall mean sending signal from ground station to satellite.
- 1.14. "Uplink Hub" shall mean the entire infrastructure which comprises all the devices that are used to process the signal (audio, video, and data) in transmittable format and send signal to satellite.
- 1.15. "Test Period" shall the service period when customer will test the service using BSCL's resource and Customer's own equipment.

## 2. SERVICES

- 2.1. CUSTOMER hereby agrees to take 06 (Six) Mega Hertz (MHz) C-Band of the satellite space segment service as indicated in Clause 3 of the Contract Agreement below ("RATES AND TERM OF SERVICE") on a full-time basis via Bangabandhu Satellite-1 (hereinafter referred to as "BS-1").

“দেশপ্রেমের শপথ নিন, দুর্নীতিকে বিদায় দিন”



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- 2.2. The Customer shall use the Service for VSAT and not for any purpose other than as specified herein, and the details of the content broadcasted in the Service shall be in accordance with the content profile given in "Appendix B" of this Contract Agreement. BSCL reserves the right to prohibit or suspend the use of Service upon duly providing notice to the Customer for any purpose other than so specified or against any applicable laws, rules, regulations or national security imposed by any governmental and regulatory authorities in the countries where the provision of the Service is subject to.
- 2.3. The beam, frequencies and transponder as part of the Service to be provided to Customer shall be set forth in "Appendix B" of this Contract Agreement. BSCL may change or replace such frequency (ies) or transponder(s) or parameter(s) with other frequency(ies), polarization, or transponder(s) or parameter(s) on the BS-1 or other satellite(s), provided that prior written notice is given to Customer. In this event, BSCL shall use its best effort to minimize possible interruption incurring to Customer's use of the Service.
- 2.4. The Service is furnished to CUSTOMER subject to this Agreement, including terms and conditions set forth in the General Terms and Conditions set forth in Appendix A, Service Specifications of BS-1 set forth in Appendix C of this Contract Agreement, and Satellite Access Procedures documents set forth in Appendix E & Appendix F of this Contract Agreement.

### 3. RATES AND TERM OF SERVICE FEE

- 3.1. Customer shall pay according to the payment schedule ("Appendix G") as per monthly rate for the Service as set forth in the following table:

- 3.1.1. Rate of Space Segment Service or Satellite Capacity Charge: Space Segment Service comprises of Satellite Capacity (in MHz). The charge (without VAT & TAX) of these services are as follows:

Serial Number	Service Description	Service Period	Unit Price (in Taka)
A	Space Segment Service or Satellite Capacity in C-Band (Bandwidth) Charge Per Month Per MHz:	7+ Years	3,00,000

Table 3.1.1 Time Based Pricing

- 3.1.2. Service Fee of Space Segment Service or Satellite Capacity (Bandwidth): As Customer agrees to take 6 (Six) Mega Hertz (MHz) Space Segment Service or Satellite Capacity, the following table is applicable for Customer:

Serial Number	Service Description	Unit Price Per Year Per MHz (in Taka)	Quantity	Price (in Taka)
A	Space Segment Service or Satellite Capacity (Bandwidth) Charge Per Year Per MHz	36,00,000/-	06	2,16,00,000/=
B	Net Total Price or Service Fee Per Year			
Other Govt. Rules & Regulation Charges As Applicable				

Table 3.1.2 Pricing of desired service

“দেশপ্রেমের শপথ নিন, দুর্নীতিকে বিদায় দিন”





- 3.1.3. There will be One month's Test Period for this Agreement from the date of signing contract.
- 3.2. It is the responsibility of the customer to obtain all necessary licenses or permissions from related authorities those may be required for the purpose, the customer is taking the service under this agreement. The customer shall use the service in compliance with the specified application agreed with BSCL, and other relevant national/international agreements and regulations. Charges for such licenses or permissions or any other will be borne by the Customer. If BSCL wants, Customer shall share the copy of those licenses or permissions to BSCL.
- 3.3. Conditions regarding taxes or spectrum fees are mentioned in clause no: 3 of "APPENDIX A" of this agreement.
- 3.4. In case of change in bandwidth requirement:
- 3.4.1. If the customer requires changes in the capacity as mentioned in clause no: 2.1 of this agreement, contract needs to be amended.
- 3.4.2. In case of satellite bandwidth increment, the Customer shall:
- 3.4.2.1. Issue a 30 (Thirty) days prior written notice.
- 3.4.2.2. Settle all the dues (if any) except that mentioned in clause no: 6 of Appendix A.
- 3.4.2.3. The parties shall sign an amendment agreement; amending only the relevant clauses of this Contract Agreement.
- 3.4.2.4. The price of additional satellite bandwidth will be effective from the start of the month of service rendered.
- 3.4.3. In case of bandwidth reduction, the Customer shall:
- 3.4.3.1. Issue a 90 (Ninety) days prior written notice.
- 3.4.3.2. Settle all the dues (if any) except that mentioned in clause no: 6 of Appendix A.
- 3.4.3.3. The parties shall sign an amendment agreement; amending only the relevant clauses of this Contract Agreement.
- 3.4.3.4. The price of reduced satellite bandwidth will be effective from the start of the month of service rendered.

#### 4. VALIDITY OF THE CONTRACT

- 4.1 Initial validity of the Contract will be up to 7 (Seven) years or up to 30-Jun-2031 from the effective date of the Contract. This validity period may be extended for further period/periods, on mutual agreement. However, the Contract will be deemed to be renewed automatically until or unless the Contract is terminated by written notice by either of the parties to this Agreement.

#### 5. EFFECTIVENESS OF THE CONTRACT

The contract shall become effective from 27-March-2024.

#### 6. PAYMENT INSTRUCTIONS

- 6.1. All invoices will be issued by the Accounts Officer or a designated person (assigned by Managing Director of BSCL) on behalf of Managing Director of BSCL.
- 6.2. All payments and/or obligations under this contract agreement shall be remitted in BDT via any financial instrument (EFT, A/C Payee Cheque, Pay Order etc.) to BSCL's account. BSCL will not collect any A/C Payee Cheque, Pay Order from the customer premises.
- 6.3. The bank account of BSCL where the customer shall deposit payment is as follows:

Beneficiary Name	:	Bangladesh Satellite Company Limited Collection Account
Bank Name	:	Sonali Bank Limited
Branch	:	Hotel Intercontinental Corporate Branch
Account No	:	44255-03000049
Routing No.	:	200271639
SWIFT Code	:	BSOBBDDH
Address	:	Minto Road, Kazi Nazrul Islam Avenue, Dhaka

- 6.4. Any change in bank account stated in sub-clause-iii will be notified by BSCL and that notification will become an integral part of this contract.
- 6.5. Customer shall submit a description of payment detail as per APPENDIX-H to BSCL.







**7. AMENDMENT TO THE CONTRACT AGREEMENT:**

This Contract Agreement can be altered, amended or revoked only by an instrument in writing signed by authorized representatives of both Customer and BSCL. Customer and BSCL agree hereby that any prior or contemporaneous oral and written agreements between and among themselves and their agents and representatives relative to the subject of this Contract Agreement are superseded and replaced by this **Contract Agreement**. The amendment to Contract Agreement shall generally include equitable adjustments and any other changes acceptable under the conditions of the Contract Agreement by mutual agreement of the parties. This issue is detailed in **Clause-29 of Appendix-A**.

**8. TERMINATION OF THE CONTRACT AGREEMENT:**

Unless otherwise stated the contract will be terminated at the end of the validity of the contract agreement as described in the clause no: 4 of this agreement. Other than this reason the contract may be terminated for reason(s) detailed in **clause 19 of Appendix-A**.

**9. SETTEMENT OF DISPUTES:**

9.1. Amicable settlement: The parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract Agreement or its interpretation.

9.2. Adjudication:

9.2.1. If any of the parties believe that amicable settlement of dispute is not possible between the two parties, the dispute shall be referred to the Adjudicator within fourteen (14) days of first written correspondence on the matter of disagreement.

9.2.2. The Adjudicator is will be the President, Institution of Engineers, Bangladesh (IEB) or his/her representative, or, in case of his absent, may be jointly appointed by the parties. In case of disagreement between the parties, the parties will request both Secretary, Posts and Telecommunications Division and Secretary, Ministry of Civil Aviation and Tourism to appoint the Adjudicator.

9.3. Arbitration:

The arbitration shall be conducted in accordance with the Arbitration Act (Act No 1 of 2001) of Bangladesh as at present in force.

**10. NOTICES**

10.1. All notices, demands, requests, or other communications which may be or are required to be given, served, or sent by one party to the other party pursuant to this Agreement (except as otherwise specifically provided in this Agreement) shall be in writing and shall be delivered by confirmed facsimile, confirmed overnight mail, by hand or mailed by first-class, registered or certified mail, return receipt requested, postage prepaid, addressed as follows:

- (i) If to Customer: Chairman  
CAAB, Kurmitola, Dhaka-1229.  
Email: [chairman@caab.gov.bd](mailto:chairman@caab.gov.bd)  
Attention: Director (CNS), CAAB, Kurmitola, Dhaka-1229.

(a) For contractual issue:	(b) For accounts/financial issue:	(c) For technical issue:
Afroza Nasrin Sultana Project Director & Director (CNS), HSIA CAAB, Kurmitola, Dhaka-1229. Email: <a href="mailto:nasrin.cns@caab.gov.bd">nasrin.cns@caab.gov.bd</a>	Mohammad Moazzem Hossain Director (Finance) CAAB, Kurmitola, Dhaka-1229. Email: <a href="mailto:dfin@caab.gov.bd">dfin@caab.gov.bd</a>	Prosanta Kumar Shaha DD (CNS) C.C CAAB, Kurmitola, Dhaka-1229. Email: <a href="mailto:prosanta_cns@caab.gov.bd">prosanta_cns@caab.gov.bd</a>

- Billing contact: Same as above
- (ii) If to BSCL: Managing Director,  
Bangladesh Satellite Company Limited  
SEL Rose-N-Dale (Level 7 & 8),  
116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh  
Phone: +880241030091-92  
Fax: +880241030093  
E-mail: [info@bscl.com.bd](mailto:info@bscl.com.bd)





Attention:



(a) For contractual issue:	(b) For accounts/financial issue:	(c) For technical issue:
Hamed Hasan Muhammed Mohiuddin Manager (Govt Sector Sales) Phone: +8801817181319 Email: hamed.mohiuddin@bscl.com.bd OR in his absence his superior.	Saif Mahmood, Accounts Officer Phone: 01755576189 Email: saif.mahmood@bscl.com.bd OR in his absence his superior.	Please follow clause 2 of APPENDIX F

10.2. Either party may designate by notice in writing a new address or addressee, to which any notice, demand, request, or communication may thereafter be so given, served or sent. Each notice, demand, request, or communication shall be deemed sufficiently given, served or sent for all purposes three (3) days after depositing such notice in the mail, or one (1) day after delivery to a nationally recognized overnight courier for overnight delivery if such notice is properly addressed and the appropriate fee is prepaid, and the same day as hand delivered or faxed or emailed.

## 11. ENTIRE AGREEMENT

11.1. The following annexures and integral part of the Contract Agreement are as stated below:

1. Main Agreement : Service Description,
2. Appendix A : General Terms and Conditions,
3. Appendix B : Transponder and Frequencies Assignment
4. Appendix C : Description of Bangabandhu Satellite-1 for Ku Band.
5. Appendix D : Technical Specifications of User's Ground Segment,
6. Appendix E : Operating Guidelines and Requirements
7. Appendix F : Uplink Access Requirements, and
8. Appendix G : Payment Schedule
9. Appendix H : PIV Form
10. Appendix I : Copy of Pay Order

11.2. Any addition due to amendment of the Contract will be annexed following the exiting sequence and shall become an integral part of the contract.

## 12. DISCLAIMER:

If any provision of this Contract Agreement is held invalid, illegal or unenforceable for any reason, including by judgment of, or interpretation of relevant law, by any court of competent jurisdiction, the continuation in full force and effect of the remainder of them shall not be prejudiced. Each party represents that it has caused this Agreement to be executed on its behalf by a representative empowered to bind that parties with respect to the undertaking or obligations contained herein.

This Agreement is made in two (2) originals. The parties hereto have entered into this Agreement, as of the date first written above, and agree to the terms and conditions set forth herein. The parties hereby caused this Agreement to be signed by their duly authorized representatives with their seals (if any) affixed.

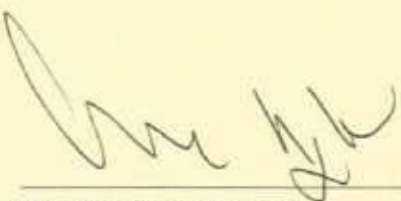



**IN WITNESS WHEREOF:** The parties hereunto set and subscribed their respective hands on the day month and year first above writing.

**SIGNATURE, NAME AND DESCRIPTION OF WITNESSES:**

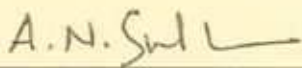
For and on behalf of:  
Bangladesh Satellite Company Limited

For and on behalf of:  
Civil Aviation Authority of Bangladesh

BY:   
NAME: Dr. Shajahan Mahmood  
TITLE: Chairman & CEO, BSCL  
DATE: 27/3/24

BY:   
NAME: Air Vice Marshal M Mafidur Rahman  
BBP, BSP, BUP, ndu, afwc, psc  
TITLE: Chairman, CAAB  
DATE: 27.03.2024

BY:   
NAME: Hamed Hasan Muhammad Mohiuddin  
TITLE: Senior Manager (Sales & Marketing)  
DATE: 27.03.2024  
Witness

BY:   
NAME: Afroza Nasrin Sultana  
TITLE: Director (CNS), HSIA, CAAB  
DATE: 27.03.2024  
Witness

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**APPENDIX A: GENERAL TERMS AND CONDITIONS CONCERNING THE  
BANGABANDHU SATELLITE-1 SPACE SEGMENT CAPACITY**



**1. WARRANTY EXCLUSIONS**

BSCL will perform the services described in this agreement in accordance with generally accepted industry standards and service specifications of BS-1, except as expressly provided in the previous sentence, BSCL neither make nor give any warranty, express or implied, and specifically disclaim any warranty of merchantability or fitness for a particular purpose.

**2. PAYMENT OF CHARGES**

- 2.1 Service charges will begin pursuant to Clause 3 of the Contract Agreement (RATES AND TERM OF SERVICE) and continue through the last day Service is provided as per Appendix E.
- 2.2 For Partial-month Service, at the beginning of the contract, BSCL calculates daily rates using a thirty (30) day month and bills Customer in one (1) day increments for each day Service is provided.
- 2.3 Service charges shall be paid to BSCL on a Yearly basis as per APPENDIX G.
- 2.4 Service charges are billed to the Customer as per APPENDIX G.
- 2.5 Payment for Service is due from Customer to BSCL will be specified on BSCL's invoices. Payment of Charges is the sole responsibility of Customer and is not dependent on Customer's receipt of payment or funding from any third party.
- 2.6 All payments by Customer to BSCL shall be: (i) made in BDT, (ii) considered paid upon receipt of collected funds by BSCL, and (iii) made via any financial instrument (EFT, A/C Payee Cheque, Pay Order etc.) to the bank account designated by BSCL in the payment instructions which accompany all BSCL invoices.
- 2.7 Any and all fees associated with the payment of the bill are the responsibility of the Customer.

**3. TAXES**

- 3.1 Any and all payments by Customer to BSCL hereunder shall be made free and clear of and without deduction or withholding for any other taxes, charges, levies, duties, usage or spectrum fees which may be asserted by any local, state, or national governmental entity or bank as a result of the utilization of the Services by Customer, and payments and other obligations under this Contract Agreement, imposed by the governmental authority(ies) of Bangladesh or of any countries or jurisdiction to which Customer or the performance of obligations hereunder by Customer are subject.
- 3.2 The Customer will be responsible to pay the VAT on the service fees as per the Government rules regulations and the existing laws of Bangladesh. BSCL will raise the invoice including the applicable VAT on the invoice amount. After settlement of the invoice by the Customer, the Customer shall deposit VAT as per the Government rules regulations and existing laws of Bangladesh and submit a copy of such payment verified by relevant authority to.
- 3.3 The Customer may deduct the Advance Income Tax (AIT) on the service fee (payment) made to BSCL as per Government rules and regulations and existing laws of Bangladesh and submit a copy of such payment verified and authenticated by the relevant authority to BSCL.







#### 4. NON-PREEMPTIBLE SERVICE

"Non-Pre-emptible" service cannot be preempted to restore any "protected" service. "Non-Pre-emptible" service is not "protected," including if there is a Failure as defined in Clause-5 (SERVICE INTERRUPTION OR FAILURE). If the Service provided under this Agreement experiences a Failure, BSCL may, at its sole discretion, attempt to restore Service using spare equipment available on the Serving Satellite at the time of the Failure. If Service cannot be restored using spare equipment, BSCL may, at its sole discretion, offer to restore the Service on available space segment of the same frequency band as the failed space segment, on the Serving Satellite or on another BSCL satellite in orbit. CUSTOMER shall have twenty-four (24) hours to accept any such Service restoration offer. If CUSTOMER does not advise BSCL of CUSTOMER's acceptance within such twenty-four (24) hour acceptance period, BSCL may deem its restoration offer as rejected and offer the same space segment to another customer. If BSCL does not restore or attempt to restore Service, or if CUSTOMER rejects any restoration offer, the Failed Service will terminate at the moment of Failure pursuant to Clause-8.2 of this General Terms and Conditions.

#### 5. SERVICE INTERRUPTION OR FAILURE

- 5.1 **Interruption:** For the purpose of this Agreement, an interruption ("Interruption") is defined as any period during which the Service fails to meet the Service Specifications of BS-1 set forth in Appendix A, as measured by BSCL at its applicable earth station, such that Service is unavailable for its intended commercial purpose.
- 5.2 **Failure.** For the purpose of this Agreement, a failure, ("Failure") is defined as any of the following: (i) the inability, for any period of twelve (12) consecutive hours, to pass signals through a space segment when it is illuminated with any authorized transmitted carrier, or (ii) an Interruption for any period of twenty-four (24) cumulative hours during one (1) calendar quarter.
- 5.3 For the purposes of this Clause 7, measurement of periods of Interruption or Failure shall begin only upon: (i) CUSTOMER's written or verbal notification to BSCL, and (ii) BSCL's verification of the existence of the Interruption or Failure. The Interruption or Failure will be deemed to end upon the earlier to occur of (i) CUSTOMER's resumption of utilizing the Service or (ii) BSCL's notification to Customer that the Service has been restored.
- 5.4 The following shall not constitute an Interruption or Failure: (i) any outage which is the result of or attributable, in whole or in part, to CUSTOMER's equipment/System fault, or failure to comply with BSCL's operations, procedures, and/or Satellite Access Procedures, or non-performance of Customer's earth station facilities, regardless of who is operating or controlling the facilities or the act or omission of CUSTOMER (ii) Service Testing as described in Clause 7.1 of the General Terms and Conditions, (iii) emergency testing as described in Clause 7.2, or (iv) the inability to provide the Service due to a Force Majeure condition as described in Clause 11.4.
- 5.5 If CUSTOMER reports an interruption or failure, BSCL may charge CUSTOMER for the work performed by BSCL to locate, rectify, and/or repair any fault(s): (i) not directly caused by any BSCL-provided Service, channel or equipment, (ii) resulting from CUSTOMER's equipment/System fault, or (iii) resulting from CUSTOMER's failure to comply with its obligations hereunder.

#### 6. OUTAGE & CREDIT ALLOWANCES

- 6.1 **Availability of Service:** The Annual Network Availability shall be 99.6% excluding force majeure events.
- 6.2 BSCL shall use its best endeavors to maintain effectively and efficiently the provision of the Service; however, nothing herein shall be interpreted as a guarantee from BSCL that the Service provided by BSCL shall be free from minor error or shall perform to specifications continuously at all times.
- 6.3 **Creditable Outage**  
A creditable outage shall be deemed to have occurred on the Service if the Outage Period exceeds sixty (60) consecutive minutes ("Creditable Outage").
- 6.4 **Outage Period**  
The outage period starts when a Service interruption is reported by BSCL through its monitoring mechanism or reported by Customer to a designated maintenance center, and ends when the Service is resumed to Customer ("Outage Period"). Customer shall use all reasonable efforts to cooperate and aid BSCL in rectifying and/or preventing such interruption.





6.5 The following events, including without limitation, shall not be considered as a Creditable Outage as described in Clauses 8.2 and 8.3 of "Appendix A: General Terms and Conditions":

- 6.5.1 Harmful Interference, rain outage, sun outage and other events beyond the reasonable control of BSCL and/or
- 6.5.2 Any outage that is the result of Force Majeure as set forth in Clause 7.4 of "Appendix A: General Terms and Conditions" and/or
- 6.5.3 Interruption of any source signals provided by Customer to BSCL as specified in "Appendix B" or interruption of any downlink signals from other satellite(s) and/or
- 6.5.4 The repair, maintenance or testing of any equipment by BSCL of which the Customer has been notified in advance. BSCL shall consider and liaise with the Customer the time that is most convenient to the Customer and/or
- 6.5.5 BSCL agrees that if BSCL must repair and test any of its equipment, it shall strive to avoid carrying out such activities during regular radiating operation of the Customer, but in any case, if BSCL must repair or test any of its equipment or tools, BSCL shall at all times use its best endeavors to give the Customer not less than seven (7) days written notice in advance, except in urgent cases, where BSCL shall inform the Customer without delay.
- 6.5.6 Any action affecting the signal of the Customer where the controller of the equipment is neither an officer of, nor a person authorized by BSCL to perform such action under this Agreement.

#### 6.6 Credit Allowances

Credit allowances may be given to Customer for a Creditable Outage as defined in Clauses 8.2 and 8.4 of "Appendix A: General Terms and Conditions". Credit allowances are applied against future payments. However, if the Creditable Outage occurs during the last quarter of Service and there is no outstanding balance due, BSCL will refund the amount of the credit allowance to Customer. A Creditable Outage begins and ends as set forth in Clause 8.3 (Outage Period) of "Appendix A: General Terms and Conditions".

Credit allowances are given for each incidence of Creditable Outage of more than sixty (60) consecutive minutes and are calculated: (i) in one-minute increments, (ii) using thirty (30) day months, and (iii) based on the quarterly charge for the affected Service. (iii) **Service Provider** shall then give **Customer** a credit authorization equivalent to the time that the network was not made available to the customer on pro-rata basis.

### 7. TESTING

- 7.1 Service Testing. BSCL may perform service testing of the Serving Satellite if BSCL: (i) provides CUSTOMER with a minimum of forty-eight (48) hours prior notice, and (ii) makes reasonable efforts to coordinate such testing with CUSTOMER to minimize disruption of CUSTOMER's use of the Service. BSCL will minimize service testing to the greatest extent possible and will not perform such service testing unless necessary to: (i) maintain or initiate new service on the Serving Satellite, and/or (ii) otherwise prudently manage its satellite(s).
- 7.2 BSCL may, at its sole discretion, perform testing on the Serving Satellite, but only under the following circumstances: (i) if BSCL provides CUSTOMER with as much notice as reasonably possible under the circumstances, (ii) for the purpose of restoring or determining the cause of a Failure of a component or subsystem on the Serving Satellite, (iii) to determine the cause or source of interference, (iv) to protect overall satellite performance, and/or (v) properly coordinate with other satellite users or operators.

### 8. TRANSMISSION PLAN

- 8.1 Subject to BSCL's prior written approval of CUSTOMER's transmission plan, CUSTOMER shall be permitted to transmit a certain approved number of RF carriers to and from the transponder(s) /space segment(s) and, subject to BSCL's approval, to modify this transmission plan from time to time. BSCL shall not unreasonably withhold its approval of a transmission plan or modification to such a plan, which approval shall be based upon, including but without limitation, the considerations identified in Clause 14 (Non-interference). CUSTOMER shall submit information as requested for approval by BSCL at least one (1) month before the actual transmission date. Any modification to the transmission plan shall be submitted to BSCL for approval at least one (1) month before the actual modification date.
- 8.2 Notwithstanding anything in this Agreement to the contrary, CUSTOMER may request BSCL authorization for more than one (1) different transmission plan for any space segment provided







hereunder, for any period of time, during the term of this Agreement.

- 8.3 If CUSTOMER uplinks to any space segment in any manner different from that approved by BSCL, whether analog or digital, BSCL may, in its sole discretion, require CUSTOMER to discontinue the use of such unapproved transmission plan until such time as BSCL approves the use of such uplink.

## **9. LIMITATION OF LIABILITY**

- 9.1 BSCL is not liable for damages associated with Service, channels, or equipment that it does not furnish.
- 9.2 BSCL, its directors, employees, agents and subcontractors of all of them shall be indemnified, defended, and held harmless by CUSTOMER against all claims, losses, or damages if such claims, losses, or damages: (i) result from the use of Services furnished pursuant to this Agreement, and (ii) involve:
- 9.2.1 claims for libel, slander, invasion of privacy, infringement of copyright, or any claim based on the content of any transmission arising from any communication;
- 9.2.2 claims for patent infringement arising from combining or using the Service furnished by BSCL in connection with facilities or equipment furnished by others; or
- 9.2.3 all other claims arising out of any act or omission of others relating to Services provided pursuant to this Agreement.
- 9.3 No license under patents (other than the limited license to use) is granted by BSCL, with respect to any service offered under this Agreement. BSCL will defend CUSTOMER against claims of patent infringement arising solely from the use by CUSTOMER of Services offered under this Agreement and will indemnify CUSTOMER for any damages awarded based solely on such claims.
- 9.4 Except to the extent that BSCL may give a credit allowance pursuant to Clause 8 (CREDIT ALLOWANCES), BSCL shall not be liable for Service interruptions resulting from any causes beyond its reasonable control, including but not limited to acts of God; fire; flood; adverse weather conditions; meteorological/ atmospheric occurrences or disturbances (including but not limited to sun outages) or other natural events; irreparable satellite component failure, externally-caused interference; acts of government. Each such event shall constitute a force majeure ("Force Majeure").
- 9.5 Notwithstanding anything to the contrary in this Agreement, BSCL shall not be liable for incidental, indirect, special, or consequential damages, or for lost profits, savings, or revenues of any kind, whether or not BSCL has been advised of the possibility of such damages.

## **10. CONTENT OF TRANSMISSION**

CUSTOMER is solely responsible for the content of transmissions using the Service.

## **11. REFUSAL OF SERVICE**

BSCL have the right, immediately upon oral or written notice, to refuse the provision of Service, including but not limited to Service at that time being provided, in the event that BSCL has reason to believe the Service is being used in a way that BSCL might have to rely on the indemnity provision in Clause 7.2 of "Appendix A: General Terms and Conditions"; if the material being transmitted by Customer is harmful to the BSCL name or business; if Customer is indicted or is otherwise charged as a defendant in a criminal proceeding related to its use of the Service; or if Customer is either convicted under any obscenity law or found by any governmental authority to have violated any such law. Nothing in this Clause 9 of "Appendix A: General Terms and Conditions" will affect any other term or condition hereof, including but not limited to any obligation under Clause-16 of "Appendix A: General Terms and Conditions" or any payment obligation under Clause 3 (RATES AND TERM OF SERVICE) throughout the term of Service.

## **12. ASSIGNMENT**

Except for the provision in Clause-13 – Resale, neither party shall assign or transfer its rights or obligations hereunder without the other party's prior written consent, which such consent shall not be unreasonably withheld.







### **13. RESALE**

In addition, to the extent not otherwise prohibited by rule, regulation, or law, in the event that CUSTOMER desires to resell all or any part of the Service to a third party, CUSTOMER shall be solely responsible for any resale and shall indemnify and hold BSCL harmless from any claim or liability for damages made by any third party in connection with such resale.

### **14. NON-INTERFERENCE**

14.1 CUSTOMER shall not interfere with the use of or cause harm to: (i) the Serving Satellite, transponder, or space segment, (ii) any backup satellite, transponder, or space segment to which CUSTOMER is given access pursuant to this Agreement, or (iii) any other satellite, transponder, or space segment. For purposes of this Clause 14, the term "interference" shall include, but not be limited to, acts or omissions that cause a satellite service to fail to meet its performance specifications.

In addition, BSCL shall have the right to take immediate action, including but not limited to suspending or terminating CUSTOMER's Service on the affected transponder and/or space segment, in order to protect BSCL's services and/or interests. If Service is so terminated, CUSTOMER shall pay for: (i) any Improper Illumination charges assessed pursuant to Clause 15 (IMPROPER ILLUMINATION), (ii) Service received through the time of termination, and (iii) any Early Termination Charges that may be due pursuant to Clause-18 (NO EARLY TERMINATION).

14.2 CUSTOMER will coordinate with (and will require its uplinking agents to coordinate with) BSCL regarding CUSTOMER's transmissions to the Serving Satellite, so as to minimize interference with adjacent satellite(s), transponder(s), and/or space segment(s). Such coordination shall be in accordance with procedures reasonably established by BSCL.

14.3 CUSTOMER's transmissions (and those of its uplinking agents) to the Serving Satellite shall in all material respects comply with all statutes, laws, rules, regulations, ordinances, codes, directives, and orders of any governmental agency, body, or court whether national, international, federal, state, municipal, or otherwise (collectively "Laws") applicable to it regarding the operation of the Serving Satellite, transponder, and/or space segment, as well as any backup satellite, transponder, or space segment(s) to which CUSTOMER may be given access pursuant to this Agreement.

### **15. IMPROPER ILLUMINATION**

The term "Improper Illumination" shall be defined as: (i) transmissions other than as specified in the BSCL transmission parameters set forth in BSCL's Satellite Access Procedures, (ii) transmissions at an incorrect frequency, (iii) transmissions at excessive power levels, and/or (iv) any illumination that could cause harm or interference to any transponder or space segment on the Serving Satellite. If BSCL detects any Improper Illumination, as defined above, of any transponder and/or space segment provided under this Agreement, it shall notify CUSTOMER by calling the phone number that CUSTOMER hereby agrees to provide to the applicable BSCL operation center at the time of initial Satellite access, at which number(s) CUSTOMER represents it is reachable twenty-four hours per day, seven days per week, 365/366 days per year ("Notification Number"). Within thirty (30) minutes of such notification, CUSTOMER shall take immediate corrective action to stop the Improper Illumination. In the event that CUSTOMER fails to stop the Improper Illumination within such time period, BSCL shall have the right to take immediate action, including but not limited to suspending CUSTOMER's Service on the affected transponder and/or space segment.

### **16. GENERAL OBLIGATIONS**

Nothing contained in this Agreement shall preclude BSCL from seeking injunctive relief to prevent a willful breach or to compel performance in the event of a willful failure to comply with this Contract Agreement.

### **17. TERMINATION**

This Contract Agreement may be terminated prior to the end of its term as follows:

17.1 For breach of any material term, condition, representation, and/or warranty: the non-breaching party may terminate this Agreement if it provides the breaching party with written notice citing the cause of such termination and providing no less than a thirty (30) day cure period.

17.2 If:

(i) a Service Failure as defined in Appendix-A Clause-5 (SERVICE INTERRUPTION OR FAILURE), or

(ii) a Force Majeure is not restored pursuant to Appendix-A Clause-4 (NON-PREEMPTIBLE SERVICE) within thirty (30) days: either party may terminate this Agreement by providing written notice to the other party.







If this Agreement is so terminated, neither party shall have any further liability to the other Party, except for Service already provided and BSCL's liability to refund to CUSTOMER any monies paid to BSCL for Service not provided.

- 17.3 For a Satellite Operational Failure (as hereinafter defined): BSCL may terminate this Agreement by providing written notice to the other party. As used in this Clause 19, a Satellite Operational Failure shall mean either:
- (i) the satellite on which the Service is intended to be provided fails to reach and maintain a satisfactory orbit in the appropriate orbital position, or
  - (ii) a failure by such satellite to go into satisfactory operation after achieving satisfactory orbit in the appropriate orbital position and BSCL does not restore the Service within thirty (30) days.
  - (iii) upon the retirement of the Serving Satellite in Appendix-A Clause-29 (RETIREMENT OF SATELLITE), the Satellite is removed from commercial operation at its Authorized Orbital Location and BSCL does not provide a Replacement Satellite within thirty (30) days.

If this Agreement is so terminated, neither party shall have any further liability to the other party, except Customers' liability to settle all the dues for the Service already provided and BSCL's liability to refund to CUSTOMER any monies paid to BSCL for Service not provided.

- 17.4 In the event that customer can't effort the service charge and can't make any profitable business using the satellite capacity, then customer will give 3 months' notice period for termination of the contract. In this case slab pricing based on contract duration will be applicable as per clause 3.1.1 RATES AND TERM OF SERVICE FEE. Customer has to settle all the dues as per rate applicable for the contact duration.

## **18. EARLY TERMINATION**

- 18.1 Except as specifically set forth in Clause-17 of "Appendix A" (TERMINATION), this Contract Agreement does not provide for early termination of the Service. Therefore, if:
- 18.1.1 Default of payment obligation caused by the customer or the Customer discontinues or cancels the Service effective on any date prior to the expiration of the Term of Service set forth in Clause 3 (RATES AND TERM OF SERVICE) of the Contract Agreement, or
  - 18.1.2 Customer fails to cure any breach of any material term, condition, representation, and/or warranty within the time provided pursuant to Clause 19.1 of "Appendix A",
- 18.2 BSCL may, at its sole discretion, upon twenty-four (24) hours' notice to Customer, exercise one or more of the following remedies:
- 18.2.1 Temporarily suspend the Service to Customer in whole or in part without terminating this Agreement until Customer cures the default, during which suspension Customer shall continue to remain liable for all charges and other amounts payable in accordance with this Agreement.
  - 18.2.2 Terminate this Agreement, accelerate all monthly recurring charges for the balance of the Term and other fees and payments due under this Agreement with respect to such terminated or cancelled Service, and require Customer to immediately pay to BSCL, as liquidated damages for default of this Agreement and not as a penalty, an early termination charge ("Early Termination Charge"). The Early Termination Charge shall be an amount equal to the aggregate rate for Service through the remainder of the Term of Service for the affected space segment(s) plus all other charges and other fees and payments that had accrued up until the date of the early termination, together with all other costs and expenses of collection, including reasonable attorneys' fees;
  - 18.2.3 Proceed by appropriate court action to recover damages for breach of Contract together with costs and expenses in connection with enforcing this Agreement, including reasonable attorneys' fees. Early Termination Charges shall be due and payable upon receipt by Customer of an invoice for such charges. Early termination charges apply regardless of whether or not Service has begun and are in addition to any other rights BSCL may have under this Agreement.





## **19. CHANGES IN OPERATIONS OR PROCEDURES**

19.1 BSCL's operations, procedures, and/or Satellite Access Procedures set forth in Appendix F are subject to change. BSCL is not responsible to CUSTOMER if such a change affects or requires modification of any facility, CUSTOMER equipment, or CUSTOMER communication systems in order to be used with the Service. If such change can be reasonably expected:

- 19.1.1 to materially affect the operating or transmission characteristics of the Service, or
- 19.1.2 to render any CUSTOMER equipment or CUSTOMER communications system incompatible with the Service,
- 19.1.3 BSCL shall use reasonable efforts to provide adequate notice, in writing, to allow CUSTOMER an opportunity to maintain uninterrupted service. BSCL shall have no obligation to change or modify any of its components, operations or procedures to be compatible with those of CUSTOMER.

## **20. SPACE SEGMENT/TRANSPONDER/SATELLITE ASSIGNMENT**

20.1 Initial assignment of the specific space segment, transponder, and/or satellite to be used for the Service shall be at the sole prerogative of BSCL, and is subject to change during the term of this Agreement. However, BSCL shall make such changes only if:

- 20.1.1 there is an operational concern,
- 20.1.2 there is interference caused by CUSTOMER, or
- 20.1.3 necessary to protect the health of the Serving Satellite.

20.2 BSCL will use reasonable efforts to give CUSTOMER not less than thirty (30) days prior written notice of any such change. CUSTOMER will effectively change the previously occupied frequencies upon the effectiveness of any such assignment change *mutually*.

## **21. CONFIDENTIALITY AND NON-DISCLOSURE AGREEMENT**

The existence, nature, terms and conditions of this Agreement are absolutely confidential between the parties and shall not be disclosed by either of the parties in any manner or form, directly or indirectly, to any person or entity under any circumstances, except as shall be necessary to effectuate its terms. Any disclosure in violation of this section shall be deemed a material breach of this Agreement.

Any information (need to be disclosed to media) that is important for both parties, must be circulated in presence of both managements. But if required, with the consent of one party, another party can disclose such information.

Each party covenants with the other (with intent that the provisions of this Clause shall continue to have full force and effect notwithstanding the termination of this Agreement) that it shall not, without the prior written consent of the other party, disclose to any third party any part of this Agreement, or use any information concerning the Services or BSCL's operations of its facilities except for the purposes contemplated by this Agreement.

## **22. NO WAIVER / CUMULATIVE REMEDIES**

No failure to exercise and no delay in exercising, on the part of any party, of any right, remedy, power or privilege under this Agreement shall operate as a waiver thereof; nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege. The rights, remedies, powers and privileges herein provided are cumulative and not exclusive of any rights, remedies, powers and privileges provided by law.

## **23. GOVERNING LAW**

This Agreement shall be governed by and construed under the laws of the People's Republic of Bangladesh, without giving effect to its conflict of law principles.

## **24. ARBITRATION**

Clause 9 (SETTEMENT OF DISPUTES) is applicable.

## **25. AMENDMENT or CHANGE IN CONTRACT:**

This Contract constitutes the entire understanding between the parties and supersedes all prior understandings in this particular issue. This Contract may be amended or changed only in writing signed by the parties hereof.







- 25.1 The amendment to this Contract shall be as far as possible by mutual understanding of all the parties.
- 25.2 Any one or both of the parties have the right in their discretion to request for any or many changes and/ or amendment of, and/ or to vary or revoke any or many terms in this Contract, if in the opinion of the parties, it is necessary or expedient to do so in public interest or in the interest of the security of the state or for the proper conduct of the service.
- 25.3 In case of such amendment request(s), the requesting party shall give written notice to the other party, stating the reasons for the proposed change.
- 25.4 Any amendment to any particular clause or sub-clause of the contract amended shall bear a reference number and shall be an integral part of the contract.

**26. CUSTOMER COMPLIANCE**

- 26.1 CUSTOMER shall strictly comply with the provisions set forth in BSCL's Satellite Access Procedures. In addition, CUSTOMER shall comply with any restrictions or conditions imposed by applicable government authorities on:
  - 26.1.1 CUSTOMER's receipt or use of the Service in any country in which CUSTOMER uses the Service, and/or
  - 26.1.2 CUSTOMER's use of the Service between or among any countries.
- 26.2 CUSTOMER shall not use the Service in violation of any applicable law, rule or regulation. Further, CUSTOMER will obtain all necessary authorization and/or permits for ground segment equipment.

**27. HEADINGS**

The headings used throughout this Agreement are for convenience only, are not a part of this Agreement, and shall have no effect upon the construction and/or interpretation of this Agreement.

**28. ADDITIONAL ACTIONS AND DOCUMENTS**

BSCL and CUSTOMER each agree to take all necessary actions to execute, deliver, and file any additional documents and/or instruments, and to use all commercially reasonable efforts to obtain necessary or appropriate consents and/or approvals in order to effectuate the provision of the Service in accordance with the terms and conditions of this Agreement.

**29. RETIREMENT OF SATELLITE**

- 29.1 BSCL may retire the Serving Satellite without liability if:
  - 29.1.1 fifty percent (50%) or more of the transponders on the Serving Satellite have failed or are for any reason unusable,
  - 29.1.2 the Serving Satellite station-keeping fuel (required to meet  $\pm 0.05$  degrees) becomes depleted to a level sufficient only to ensure removal of the Serving Satellite from its assigned orbital position,
  - 29.1.3 required to do so by any governmental authority with appropriate jurisdiction,
  - 29.1.4 BSCL reasonably determines that (ii) the above can be delayed by moving such Serving Satellite into an inclined orbit, or
  - 29.1.5 BSCL determines that special circumstances require the Serving Satellite's retirement and obtains such governmental authority as is required for such retirement.
- 29.2 On the date of retirement of the Serving Satellite, all subsequent performance obligations of the parties under this Agreement shall terminate except for Service already provided and BSCL's liability to refund to CUSTOMER any monies paid to BSCL for Service not provided. If BSCL decides to retire the Serving Satellite prior to the expiration of this Agreement, it shall use all reasonable efforts to provide CUSTOMER with written notice of such decision as far in advance of the retirement date as circumstances allow.

**30. CUSTOMER RESPONSIBILITIES**

- 30.1 CUSTOMER shall not transmit or otherwise act in any manner that violates the technical requirements of BSCL's Satellite Access Procedures. CUSTOMER shall ensure that any transmission facility used to access the Serving Satellite is at all times capable of ceasing transmission immediately upon BSCL's telephone and/or fax notice. BSCL may, but is not



obligated to, inspect CUSTOMER-provided facilities to confirm compliance with this requirement.

30.2 CUSTOMER shall at BSCL's request, provide to BSCL all pertinent technical characteristics of CUSTOMER-provided equipment used in connection with the Service as specified in BSCL's Satellite Access Procedures.

**31. COUNTERPARTS**

This Contract Agreement may be executed in two (2) identical counterparts, and the signature of each party shall appear on each counterpart. Either counterpart shall constitute an original, binding version of this Agreement.

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## Appendix B: Transponder and Frequencies Assignment

### 1. Transponder and Frequencies Assignment

#### 1.1. The details of the transponders assigned for CUSTOMER are as follows:

1.1.1	Orbital Location	:	119.1degree East
1.1.2	Satellite	:	Bangabandhu Satellite-I
1.1.3	Beam	:	Semi Global
1.1.4	Frequency Band	:	C-Band
1.1.5	Transponder No	:	It will be shared separately
1.1.6	Downlink Central frequency	:	It will be shared separately
1.1.7	Downlink Polarization	:	It will be shared separately

### 2. Content Profile [For HUB and VSAT application]

#### 2.1. The details of the HUB & VSAT operation via the Transponder Service of this Agreement are as follows:

2.1.1	Company Name	:	CAAB
2.1.2	Company Type	:	Governed Authority
2.1.3	Duration	:	24x7x365
2.1.4	Target	:	VSAT User
2.1.5	Language	:	Bangla & English
2.1.6	Home Page	:	

#### 2.2. Terms and Conditions:

2.2.1. BSCL reserves the right to monitor the content transmitted under the Agreement, as well as the right to prohibit or suspend the Service such broadcasting and/or terminate the Agreement, upon duly providing notice to the Customer, if such content is contravenes any applicable laws, rules and regulations or any national security imposed by any governmental and regulatory authorities in the countries where the provision of the Service is subject to.

2.2.2. In the event of any update or change to the content profile as given above, Customer shall send a written notice for BSCL's consent of at least seven (7) days before such update or change, provided that such consent shall not be unreasonably withheld.

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## Appendix C: Description of Bangabandhu Satellite-1 for C Band Bangladesh Beam



### 1. INTRODUCTION

This Appendix describes the overall information of BS-1 INSAT C-Band payload capacity. BS-1 has a total of 14 INSAT C-band transponders allocated to its coverage areas as follows:

INSAT C-Band Beam covering Bangladesh (including its territorial waters in the Bay of Bengal), India, Sri Lanka, Nepal, Bhutan, Myanmar, Afghanistan, Pakistan, Tajikistan, Kyrgyzstan, Uzbekistan, Turkmenistan, portions of Kazakhstan, Indonesia and the Philippines, with elevation angle equal or greater than 10 degrees to Bangabandhu Satellite-1.



### 2. Back-up Transponder

To conservatively ensure the least traffic interruption in unexpected incident of the transponder failure in orbit, two redundant transponders are designed for the INSAT C-band. BANGLADESH SATELLITE COMPANY LIMITED (BSCL), operator of BS-1, reserves the right to allocate the appropriate redundant transponder to be used in case of a transponder failure. The EIRP performance can degrade up to 0.5 dB with the redundant transponder due to the additional switching of the signal from the primary path.

### 3. Estimated EIRP and G/T contours

Table 3.1 shows the estimated EIRP and G/T values within the contour, respectively. Since the actual performance may slightly vary depending on the actual transponder utilization, Customers should utilize the predicted worst-case-performance in clear sky condition along with additional margins for other losses and degradation in their system design. In addition, BSCL will monitor the performance of BS-1 on a regular basis and will advise all Customers whether or not adjustments will be required to maintain optimal system performance. The contours given in this section are derived from the measured data for a typical channel. These patterns should be treated as general information only and not used for exact system design. BSCL will provide assistance to any BS-1 Customers' special request in determining the EIRP of any specific location within the service area of its satellite.

Region	EIRP (dBW) <sup>1,2,3</sup>	G/T (dB/K) <sup>1,2,3</sup>
Bangladesh,	43.0	-8
India	40.0	-6.0
Indonesia	40.0	-6.0
Borneo	40.0	-6.0
East Indonesia	40.0	-6.0
South Philippines	40.0	-6.0
Northern India	38.0	-8.0
Eastern limit of Indonesia	38.0	-8.0
Northern Philippines	38.0	-6.0
Former Soviet Republics	35.0	-13.0

Table 3.1: EIRP and G/T Performances of the Transponders



Notes:

1. All performance figures are based on full transponder single carrier at saturation in clear-sky conditions.
2. All performance figures are nominal and accurate to +/- 1 dB.
3. All performance figures are based on primary receiver and HPA path and the average antenna contour.



#### 4. Polarization Isolation

The worst case of receive and transmit cross polarizations on the satellite side for any of the communication RF channels of BS-1 will be equal to or greater than 24 dB at any location within the coverage area. However, majority of land mass areas have the polarization isolation in level of 30 dB. The polarization isolation of a specific area can be provided if necessary.

.....End of the page.....





## Appendix D: Technical Specifications of User's Ground Segment



All earth stations accessing the BS-1 system shall be required to meet certain technical and operating requirements which are designed to enable the maintenance of acceptable interference levels as well as to facilitate efficient operation of the system to the mutual benefits of all BSCL's Customers. **Only earth station that is licensed by proper authority of Bangladesh will be allowed to access BS-1 system.**

### **1. Earth Station:**

1.1 Subject to clause 1.2 provided below, Customer's earth station must meet the following requirements in order to operate with BS-1 space segment for desired level of performance and to minimize any possible interference among neighboring satellites and/or among Customers within BS-1. This is to ensure that the use of space station in conjunction with earth station is in compliance with international regulations (see Appendix E: *section 3*). Customer shall acquire necessary license to operate a transmit antenna of an earth station within Bangladesh. BSCL reserves the right to examine such license to verify whether the antenna is suitable for operation within BS-1 networks.

1.2 If BSCL provides the facilities of Earth Station under a separate agreement with Customer, then, it shall make sure that it conforms to its own requirements and/or specifications of Earth Station and in no event, can hold Customer liable for any derogation of any requirements provided herein. For avoidance of doubt, Appendix D shall not be applicable to Customer, as long as agreement relating to Earth Station Facilities remains valid, as Earth Station facilities are provided by BSCL to Customer.

The requirements in this section are particularly applicable to all transmit antennas.

### **1.3. Steerability:**

The antenna should have at least a limited steerability within the range of  $\pm 90^\circ$  in the azimuth axis and  $5^\circ$  to  $90^\circ$  in elevation axis. It is also recommended that the Customer provide an antenna which is capable of pointing to a satellite within the geostationary orbit arc of  $50^\circ$  E -  $135^\circ$  E. This will give the maximum flexibility to the Customer in case that it is necessary, for the benefit of the Customer, to transfer the service to other satellite(s) located in this orbital arc within the planned BS-1 networks.

### **1.4 Synthesized Capability:**

It is highly recommended that the Customer provide an earth station with synthesized Up/Down converter whose frequency is adjustable to any frequency within the operating ranges of BS-1 as defined in *Appendix B* of this document. This will give flexibility to the Customer in case that it is necessary, for the benefit of the Customer, to adjust or change carrier frequency.

### **2. Emission Parameters Requirements:**

High quality service will require mutual respect and compliance to applicable requirements among all Customers. For this, all BSCL customer are liable to follow BSCL NOCC guidance and required parameters for EIRP, EIRP Stability, Carrier Frequency Stability, Spurious Emission, modulation and so on during the service activation and throughout the service timeline. It should be mentioned that, for service activation, no power should be emitted towards the satellite without prior approval from BSCL NOCC.

Under no circumstances, the operating IPFD at satellite should exceed the limit given in the link budget provided by BSCL.

.....End of the page.....





## Appendix E: Operating Guidelines and Requirements



### 1. General Information:

1.1 Subject to clause 1.2 below, in addition to compliance of earth station specifications and requirements given in *Appendix D*, it is necessary that Customer's earth station(s) be operated in a manner which ensures that the performance is maintained and that interference to other services or networks will not occur throughout the service period. General operating procedures established by BSCL related to service initiation, performance monitoring and trouble reporting are to be adopted and adhered by the Customer. Should there be any questions or concerns related to operating procedures, the Customer should contact BS-1 Customer & Network Services at BS-1 Station in Gazipur, Bangladesh for clarification or information.

1.2 If BSCL provides the facilities of Earth Station under a separate agreement with Customer, then, it shall make sure that it conforms to its own requirements and/or specifications of Earth Station and in no event, can hold Customer liable for any derogation of any requirements provided herein. For avoidance of doubt, *Appendix F* shall not be applicable to Customer, as long as agreement relating to Earth Station Facilities remains valid, as Earth Station facilities are provided by BSCL to Customer.

### 2. Access to BS-1:

Customer must comply with Uplink Access Requirements as indicated in *Appendix F* established by BSCL for all access.

### 3. Registration:

Customer shall assume responsibility for registration of earth station(s) to be in operation with BS-1 networks through responsible authority of Bangladesh. BSCL can provide technical assistance to any customer using BS-1 with respect to this registration.

BSCL reserves the right to examine such license to ensure that Customer's earth station(s) is (are) suitable for operation with BS-1 networks.

### 4. BS-1 Customer & Network Services Contact:

BS-1 Customer & Network Services will handle all operational matters and provide a contact point for all customers. Operational staff are always on duty 24 hours a day 7 days a week. Telephones and facsimile are provided to handle the customer need.

Tier 1	Customer Support Hotline (24/7): +8801844525050 Customer Support Email : support@bscl.com.bd
Tier 2	Anyone of the followings : i. For Mission Segment : Mr. Muntasirur Rahman- +8801550155450 email: muntasir@bscl.com.bd ii. For Network Segment : Mr. Asif Ahmed Khan- +8801711081007 email: asif@bscl.com.bd Mr. Shaikh Salman- +8801551247734 Email: shaikh@bscl.com.bd
Tier 3	Deputy General Manager (Operations) (Additional Charge): Mr. Bakhtiar Ahmed Rajib +8801550155080 Email: bakhtiar.ahmed@bscl.com.bd
Tier 4	Managing Director BSCL, managing.director@bscl.com.bd;

### 5. Verification and Right of Review:

Customer shall furnish BSCL with Link Budget and Frequency Plan as part of Transponder Service Agreement. The Link Budget shall at least consist of

- Customer name
- Uplink station names and locations
- Downlink station names and locations
- Station-to-station link
- Antenna size
- Carrier type (TDMA, SCPC, VSAT, Digital TV, eBSCL.)
- Modulation technique (ASK, FSK, PSK, QPSK, 8PSK, 16 APSK, 32 APSK)
- Bandwidth associated each carrier
- Uplink EIRP per carrier
- Downlink station G/T







Customer must ensure that the design and operation of Customer's Satellite ground stations conform to the parameters detailed in *Appendix D* and in accordance with the satellite performance parameters detailed in *Description of Appendix C*. Customer shall complete and provide BSCL the *Earth Station Data Sheets* on all transmit sites. It is highly recommended that Customer should also complete the *Earth Station Data Sheets* on all receive sites for proper transponder accommodation. In addition, Customer shall provide BSCL the earth station verification data for all transmit sites. This should at least consist of transmit and receive co-polarized antenna pattern, transmit and receive cross-polarized antenna pattern, transmit and receive antenna gain, earth station gains over system temperature ratio (G/T), transmit waveguide loss, insertion loss. It is highly recommended that Customer provide BSCL the network configuration, including and the block diagram of the earth station(s) of all carriers shown in *Link Budget* for ensuring proper design and preventing harmful interference to all other customers using BS-1 or damage to BS-1 transponders.

Customer must also provide BSCL with a valid telephone number where the person responsible for the signal transmission can be reached at all times during transmission to BS-1. Such person shall be accessible by telephone and must have complete and unfettered control of the uplink equipment. In the event of interference or wrongful usage of the BS-1, such person shall have both the absolute authority and technical capability, either by direct contact or, in the case of a remote-controlled station, by alternate means, to cease transmission immediately upon direction from BSCL NOCC. To this end, should BSCL NOCC request modification or cessation of transmission to BS-1, the person responsible for the signal transmission must comply with BSCL NOCC's direction without recourse to higher authority.

Upon confirmation, BSCL shall provide the Customer a *Customer Transmission Plan (CTP)* assigning the specific frequency(-ies), maximum frequency range(s) and transponder(s) of specific BS-1. Customer may be required to make suitable adjustment or modification of certain parameters as specified in the *Customer Transmission Plan*. Customer must comply with the agreed *Customer Transmission Plan* at all times. Any changes to the approved *Customer Transmission Plan* which includes transmission parameters such as frequency, polarization, up-link power, modulation, BSCL and time of transmission must be submitted to BSCL for approval prior to initiation of such transmission. Should Customer not operate its networks according to the parameters specified in CTP, it could result in the degradation and damage to BS-1 transponder.

BSCL agrees to inform the Customer of any BS-1 space segment plan which may affect the configuration of the Customer's earth station.

.....End of the page.....





## Appendix F: Uplink Access Requirements



### **1 Purpose:**

- 1.1. Subject to clause 1.2 below, this document states the requirements that an uplink station must fulfill in order to gain access to and operate on BS-1. The uplink access test and uplink access test procedures are intended to facilitate satellite capabilities with an uplink station and to prevent harmful interference to other satellite customers. To do so, both BSCL and Customer have to provide a contact point for all requests, reports, and other operational information exchanges.
- 1.2. If BSCL provides the facilities of Earth Station under a separate agreement with Customer, then, it shall make sure that it conforms to its own requirements and/or specifications of Earth Station and/or Uplink Access Service and in no event, can hold Customer liable for any derogation of any requirements provided herein. For avoidance of doubt, Appendix F shall not be applicable to Customer, as long as agreement relating to Earth Station Facilities/Uplink Access Service remains valid, as Earth Station facilities/Uplink Access Services are provided by BSCL to Customer.

### **2 BS-1 Customer & Network Services Contacts**

BS-1 Customer & Network Services (BSCL NOCC), located in BS-1 Station, Gazipur, Bangladesh, will handle all operational matters and provide a contact point for all customers. Operational staffs are always on duty 24 hours a day 7 days a week. Telephones and facsimile are provided to handle the customer need.

Tier 1	Customer Support Hotline (24/7): +8801844525050 Customer Support Email : support@bcsl.com.bd
Tier 2	Anyone of the followings : i. For Mission Segment : Mr. Muntasirur Rahman- +8801550155450 email: muntasir@bcsl.com.bd ii. For Network Segment : Mr. Asif Ahmed Khan- +8801711081007 email: asif@bcsl.com.bd Mr. Shaikh Salman- +8801551247734 Email: shaikh@bcsl.com.bd
Tier 3	Deputy General Manager (Operations) (Additional Charge): Mr. Bakhtiar Ahmed Rajib +8801550155080 Email: bakhtiar.ahmed@bcsl.com.bd
Tier 4	Managing Director BSCL, managing.director@bcsl.com.bd;

### **3 Customer & Network Services Contacts**

#### 3.1 Address of Customer

< Civil Aviation Authority Headquarter, Kurmitola, Dhaka-1229, Bangladesh >

#### 3.2 Escalation Matrix:

##### Level 1:

Prosanta Kumar Shaha  
DD (CNS) C.C  
CAAB, Kurmitola, Dhaka-1229.  
Email: prosanta\_cns@caab.gov.bd

##### Level 2:

Afroza Nasrin Sultana  
Project Director  
&  
Director (CNS), HSIA  
CAAB, Kurmitola, Dhaka-1229.  
Email: nasrin.cns@caab.gov.bd

Level 3:





### Appendix G: Payment Schedule

This Appendix is made part of this Bangabandhu Satellite-1 Space Segment Service Agreement No. 14.39.0000.003.99.050(Part-3).20-046, Date: 27-March, 2024 by and between BSCL and Customer.

1. The Monthly Service Fee for the Space Segment Service at the capacity of 06 Mega Hertz (MHz) shall be Tk 18,00, 00,000.00 (In word: Eighteen Lac Taka .)
2. The Service Period shall be Seven (7) years, commencing from 01-April-2024 (the "Commencement Date") until 31-June 2031. CAAB already started use of BS-1 from 01- March- 2024 as a Test Period.
3. The Service Fee shall be paid to BSCL on a yearly basis. Payment due date as per invoice sent from BSCL.

According to Annex 10, Responsibility Matrix, Page 04 of signed contract between Supplier Thales LAS France and CAAB for the project "Installation of RADAR including CNS-ATM system at HSIA", Supplier will reimburse Renting of VSAT bandwidth from 01 March, 2024 to End of Operational & Performance Check of VSAT to CAAB, immediately after payment (within maximum 10 days).

4. In case of early termination of the Agreement Clause-17 of Appendix A will be applicable.
5. In case of capacity increment or reduction, BSCL will share an updated payment schedule, which will be treated as a part of agreement.
6. BSCL will issue Yearly invoice to customer within first 30 (Thirty) days of Service Period. Customer will pay the due within One Hundred Fifty (150) days from the date of submission of invoice.

The Service Fee and Due Date of Payment shall be as shown in schedule below:

**Table of Payment**

No. of Payment	Bandwidth (MHz)	Invoice amount (BDT)	Service Period	Invoice Date	Payment Due Date
1	6	00	01 March 2024-31 March 2024	00	Test & Trail
2	6	54,00,000	01 April 2024 – 30 June 2024	30-April-2024	30-June-2024
3	6	2,16,00,000	01 July 2024 – 30 June 2025	30-July-2024	30-December-2024
4	6	2,16,00,000	01 July 2025 – 30 June 2026	30-July-2025	30-December-2025

7. Any amount incurred but not included in the previous payment shall be included in the following payment mutual discussion with CAAB.
8. The invoice will reflect applicable VAT, TAX and other duties as per Government rules and regulation and existing laws of Bangladesh.
9. Customer shall submit a description of payment detail as per APPENDIX-H to BSCL.

.....End of the page.....







Seal, Sign  
and Date

**APPENDIX H: PIV Form**

PIV Form(BSCL)  
(Form no:2106)

To  
Customer Code:

**(A) Invoice Detail:**

- (i) invoice no:..... dated.....
- (ii) Invoiced amount: .....

\* invoice amount = service fee + vat; where service fee = principle amount+ income tax

**(B) Payment Detail:**

- (i) Amount : Tk. ....
- (ii) Cheque No..... dated..... of.....Bank
- (iii) Detail of other method of payment is used: .....

Service Fee		Vat amount	Others	This amount shall be equal to B(i)
Principle amount	Income tax amount			
a	Please state(amount), Challan no. & dt.		d	
	B	c		

**\*\* if vat/tax amount deposited by the customer to govt. account, relevant challan of deposit shall be accompanied with the cheque/payment document.  
\*\*\* this form shall be duly signed bearing the name, designation, organization of the signatory.**

\_\_\_\_\_ Acknowledgement of Encashment to customer \_\_\_\_\_

Memo no: .....

.....End of the page.....





**APPENDIX I: Copy of Pay Order/ Bank Guaranty (BG)**

.....End of the document.....







## SPACE SEGMENT SERVICE CONTRACT AGREEMENT

বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)

ও

Square InforamtiX Limited-এর মধ্যকার বাণিজ্যিক চুক্তিপত্র।

# বিএসসিএল -এর কপি

স্মারক নং-১৪.৩৯.০০০০.০০০.৯৯.০৫০(প্রশং-৩).২০-৫০৮

তারিখ: ০১ সেপ্টেম্বর ২০২২ খ্রি:





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**BANGABANDHU SATELLITE-1  
SPACE SEGMENT SERVICE CONTRACT AGREEMENT**  
(No. 14.39.0000.005.99.050(Part-5)20-508)

This Bangabandhu Satellite-1 Space Segment Service Contract Agreement (hereinafter referred to as the "Contract" or "Agreement" or "Contract Agreement") is made on 01 September 2022 and shall become effective from 01 September 2022 by and between:

**Bangladesh Satellite Company Limited**, a public limited company with registration No. C-139192 registered in the office of The Registrar of Joint Stock Companies & Firms incorporated under the Companies Act (Act XVIII) of 1994 of the People's Republic of Bangladesh, represented by its Managing Director (Additional Charge) **Mr. Md. Shafiqul Islam** having its registered office at SCL, Rise-N-Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh, hereinafter referred to as "Service Provider" or "BSCL" (which expression shall unless excluded by or repugnant to the context shall mean and include its legal representative, nominees, successor-in-interest, permitted assigns and legal heirs of the BSCL).

————— THE FIRST PARTY

And

**Square InformaIX Limited** a private limited company with registration No. C-4069857/2000 registered in the office of The Registrar of Joint Stock Companies & Firms incorporated under the Companies Act (Act XVIII) of 1994 of the People's Republic of Bangladesh, represented by its Director **Mr. Dr. Colin Putra**, with its registered office located at Square Center, 48 Mohakhali C/A, Dhaka - 1212, Bangladesh hereinafter appropriately referred to as "Square InformaIX" or "Customer" (which expression shall unless excluded by or repugnant to the context shall mean and include its legal representative, nominees, successor-in-interest, permitted assigns and legal heirs of the Customer).

————— THE SECOND PARTY

BSCL and Customer are individually hereinafter referred to as a "Party" or collectively as the "Parties".

**WHEREAS**

- (a) BSCL is the provider of Space Segment Capacity or Satellite Bandwidth of Ku-Band/ C-Band via Bangabandhu Satellite-1 (hereinafter referred to as "service");
- (b) Customer desires to use the Space Segment Capacity of Bangabandhu Satellite-1 (herein after called "BS-1") for the purpose of VSAT service and is willing to be obliged with the payment commitments; and
- (c) BSCL desires to provide to Customer such Space Segment Capacity of Bangabandhu Satellite-1 upon fulfilling agreed payment terms.

**THEREBY**

- (i) In consideration of the payments to be made by the customer to the service provider, the service provider hereby covenants with the customer to provide the service therein in conformity in all respects with the provisions of this Contract Agreement.
- (ii) The customer hereby covenants to pay the service provider in consideration of the provision of the services, the Service Charge/Fee or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by this Contract Agreement.

"দেশপ্রেমের শপথ মিন, দুর্নীতিকে বিদায় দিন"





Eastern Bank Ltd.

**“Bangabandhu Satellite-1 Link (ATM/Branch/Sub  
Branch/Sky Care Center) Service Agreement”**

**BETWEEN**

**Bangladesh Satellite Company Limited (BSCL)**

**AND**

**Eastern Bank Limited**

**Copy of BSCL**

**Ref: 14.39.0000.003.99.050(Part-3).20-207**

**Date: 28 March 2022**

Eastern Bank Limited  
Head Office  
100, Gulshan Avenue

Dhaka-1212



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

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একশত টাকা

ংস্র

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EQI REF NO. 2022-52

Bangabandhu Satellite-1 Link (ATM/Branch/Sub Branch/Sky Care Center) Service Agreement  
No. 14.39.0000.003.99.050 (Part-3), 20-20'

This Bangabandhu Satellite-1 Link (ATM/Branch/Sub Branch/Sky Care Center) Service Agreement (the "Agreement") is made on 28 March, 2022 by and between:

- I. **BANGLADESH SATELLITE COMPANY LIMITED**, is a public limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Managing Director** having its principal business office at SEL Rose N Dale (Level 7 & 8), 116 Razi Nazrul Islam Avenue, Dhaka 1205, Bangladesh, hereinafter referred to as "BSCL" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the BSCL).

.....THE FIRST PARTY

AND

- II. **EASTERN BANK LIMITED (EBL)** a banking company constituted under the Bank of Credit and Commerce International (Overseas) Limited (Reconstruction) Scheme, 1992 prepared by Bangladesh Bank under Section 77 of the Bank Companies Act, 1991 and incorporated in Bangladesh with limited liability under the Companies Act, 1993; represented by its **Chief Technology Officer** having its principal business office at 100, Gulshan Avenue, Dhaka-1212, Bangladesh hereinafter referred to as the "CUSTOMER" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the CUSTOMER).

.....THE SECOND PARTY

BSCL and CUSTOMER may be referred to individually as a "Party" and collectively as the "Parties".

#### WHEREAS

- (a) Customer desires to use the satellite broadband service for the purpose of providing connectivity solutions ATM/Branch/Sub Branch/Sky Care Center source of Bangladesh (the "Territory"); and  
(b) BSCL agrees to provide the Bangabandhu Satellite-1 broadband service to Customer via the Bangabandhu Satellite-1 (the "Satellite"); and

NOW, THEREFORE, BSCL and Customer, in consideration of the mutual covenants expressed herein, agree as follows:

Eastern Bank Limited  
Head Office  
100 Gulshan Avenue  
Dhaka-1212

দেশপ্রেমের শপথ নিব, দর্নীতিকে বিদায় দিন

Bangabandhu Satellite-1 Link (ATM/Branch/Sub Branch/Sky Care Center) Service Agreement. Confidential



Page 1/17





## Bangabandhu Satellite-1 VSAT Link Service Agreement

বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)

ও

Chaldal Limited -এর মধ্যকার বাণিজ্যিক চুক্তিপত্র।

# বিএসসিএল -এর কপি

স্মারক নং-১৪.৩৯.০০০০.০০৩.৯৯.০৫০(অংশ:৩), ২০-৫৩১

তারিখ: ১৩ সেপ্টেম্বর ২০২২ খ্রি:





খট

১০৯২৮১২

Md. Shafiqul Islam  
Tejas V. Sawant

### Bangabandhu Satellite-1 VSAT Link Service Agreement

No. 14.39.0000.003.99.050 (Part-3).20-531

This Bangabandhu Satellite-1 VSAT Link Service Agreement (the "Agreement") is made on 13 September 2022, by and between:

- I. **BANGLADESH SATELLITE COMPANY LIMITED**, is a public limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Managing Director** having its principal business office at SEL Rose N Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh, hereinafter referred to as "BSCL" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the BSCL.)

.....THE FIRST PARTY

AND

- II. **Chaldal Limited**, a private limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Chief Technology Officer** having its principal business office at House-14, Road-6/C, Sector 12, Uttara Model Town, Dhaka hereinafter referred to as the "CHALDAL" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the CHALDAL.)

.....THE SECOND PARTY

BSCL and CHALDAL may be referred to individually as a "Party" and collectively as the "Parties"

#### WHEREAS

- (a) CHALDAL desires to use the satellite broadband service for the purpose of providing connectivity solutions in Bangladesh (the "Territory"), and
- (b) BSCL agrees to provide the Bangabandhu Satellite-1 broadband service to CHALDAL, via the Bangabandhu Satellite-1 (the "Satellite"), and:

NOW, THEREFORE, BSCL and CHALDAL, in consideration of the mutual covenants expressed herein, agree as follows:

“দেশপ্রেমের শপথ নিল, দুর্নীতিকে বিদায় দিন”





ssd-tech



## Bangabandhu Satellite-1 VSAT Link Service Agreement

বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)

ও

সিস্টেমস সল্যুশন এন্ড ডেভেলোপমেন্ট টেকনোলজি লিমিটেড  
-এর মধ্যকার বাণিজ্যিক চুক্তিপত্র।

# বিএসসিএল -এর কপি

স্মারক নং-১৪.৩৯.০০০০.০০৩.৯৯.০৫০(অংশ-৩).২০-৩৭৪

তারিখ: ৩০ জুন ২০২২ খ্রি:



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

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৳ ১০০

একশত টাকা

*Handwritten signature*

১০৯২৭০০

**Bangabandhu Satellite-1 VSAT Link Service Agreement**

No. 14.39.0000.003.99.050 (Part-3).20.374

This Bangabandhu Satellite-1 VSAT Link Service Agreement (the "Agreement") is made on 30 June 2022, by and between:

- I. **BANGLADESH SATELLITE COMPANY LIMITED**, is a public limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Managing Director** having its principal business office at SEL Rose N Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh, hereinafter referred to as "BSCL" (Which expression, unless repugnant to or excluded by the content, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the BSCL.)

.....THE FIRST PARTY

AND

- II. **SYSTEMS SOLUTIONS AND DEVELOPMENT TECHNOLOGIES LIMITED**, a private limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Chief Technology Officer** having its principal business office at Uday Tower, Level 12, 57 & 57/A, Gulshan Avenue, Dhaka-1212, Bangladesh hereinafter referred to as the "CUSTOMER" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the CUSTOMER.)

.....THE SECOND PARTY

BSCL and CUSTOMER may be referred to individually as a "Party" and collectively as the "Parties".

**WHEREAS**

- (a) Customer desires to use the satellite broadband service for the purpose of providing connectivity solutions in Bangladesh (the "Territory"); and
- (b) BSCL agrees to provide the Bangabandhu Satellite-1 broadband service to Customer via the Bangabandhu Satellite-1 (the "Satellite"); and

NOW, THEREFORE, BSCL and Customer, in consideration of the mutual covenants expressed herein, agree as follows:

“দেশপ্রেমের শপথ নিন, দুর্নীতিকে বিদায় দিন”





## Bangabandhu Satellite-1 (ATM/Branch/Sub Branch) Service Level Agreement

বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)

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ডাচ বাংলা ব্যাংক লিমিটেড-এর মধ্যকার বাণিজ্যিক চুক্তিপত্র।

# বিএসসিএল -এর কপি

স্মারক নং-১৪.৩৯.০০০০.০০৩.৯৯.০৫০(অংশ-৩).২০-৩১৯

তারিখ: ০৬ জুন ২০২২ খ্রি:





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## Bangabandhu Satellite-1 Link (ATM/Branch/Sub Branch)

### Service Level Agreement (SLA)

No. 14.39.0000.003.99.050(Part-3).20.319

This Bangabandhu Satellite-1 Link (ATM/Branch/Sub Branch) Service Agreement (the "Agreement") is made on 06 Jun 2022, by and between:

- I. **BANGLADESH SATELLITE COMPANY LIMITED**, is a public limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Managing Director** having its principal business office at SEL Rose N Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka-1205, Bangladesh, hereinafter referred to as "BSCL" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the BSCL).

.....THE FIRST PARTY

AND

- II. **DUTCH-BANGLA BANK LIMITED (DBBL)** a banking company constituted under the Bank of Credit and Commerce International (Overseas) Limited (Reconstruction) Scheme, 1992 prepared by Bangladesh Bank under Section 77 of the Bank Companies Act, 1991 and incorporated in Bangladesh with limited liability under the Companies Act, 1913, represented by its **Deputy Managing Director-4** having its principal business office at 47 Motijheel Commercial Area, Dhaka-1000, Bangladesh hereinafter referred to as the "CUSTOMER" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the CUSTOMER).

.....THE SECOND PARTY

BSCL and CUSTOMER may be referred to individually as a "Party" and collectively as the "Parties".

#### WHEREAS

- (a) Customer desires to use the satellite broadband service for the purpose of providing connectivity solutions ATM source of Bangladesh (the "Territory"); and
- (b) BSCL agrees to provide the Bangabandhu Satellite-1 broadband service to Customer via the Bangabandhu Satellite-1 (the "Satellite"); and

**NOW, THEREFORE**, BSCL and Customer, in consideration of the mutual covenants expressed herein, agree as follows:

"দেশপ্রেমের শপথ নিব, দুর্নীতিকে বিদায় দিন"



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

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Md. Shofiqul Islam  
15/11/22

**Bangabandhu Satellite-1's VSAT Link Service Agreement**  
No. 14.39.0000.003.99.010.22-647

This Bangabandhu Satellite-1's VSAT Link Service Agreement (the "Agreement") made on 15<sup>th</sup> November 2022 and shall become effective from 01<sup>st</sup> December 2022 by and between:

- I. **BANGLADESH SATELLITE COMPANY LIMITED**, is a public limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Managing Director** having its principal business office at SEL Rose N Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh, hereinafter referred to as "BSCL" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the BSCL).

.....THE FIRST PARTY

AND

- II. **Border Guard Bangladesh**, established under the Border Guard Act, 2010 having its Head office at Poelkhana, Dhaka represented by its DDG Communication, Border Guard Bangladesh, hereinafter referred to as 'Border Guard Bangladesh' or 'Second Party' or 'CUSTOMER', (which expression shall, unless excluded by or repugnant to the context or meaning thereof, mean and include its executors, successors-in-interest, assignees or legal representatives) of the CUSTOMER.

.....THE SECOND PARTY

(The First Party and the Second Party hereinafter collectively referred to as "Parties" and individually as "Party")

**WHEREAS**

- (a) Customer desires to use the satellite VSAT service for the purpose of providing connectivity solutions to BGB BoP of Bangladesh (the "Territory"); and  
(b) BSCL agrees to provide the connectivity service to Customer via the Bangabandhu Satellite-1 (the "Satellite"); and

**NOW, THEREFORE**, BSCL and Customer, in consideration of the mutual covenants expressed herein, agree as follows:

“দেশপ্রেমের শপথ দিন, দুর্নীতিকে বিদায় দিন”

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Md. Shafiqul Islam  
 15/11/2015

SERVICE DESCRIPTION**1. SERVICE****1.1 Provision of Service**

1.1.1 Customer agrees to utilize part of the digital bandwidth capacity of the satellite provided by BSCL in the Territory, which shall be referred to as the "Service" and pay the Service Fee (the "Service Fee") to BSCL according to Clause 2 below (RATES AND TERMS OF SERVICE). To use the Service, Customer shall submit individual Request for Service activation (each an "RAF") to BSCL by using the form attached hereto as Appendix C. The Service activation per RAF shall be subject to the available bandwidth capacity and technical feasibility. BSCL's provision of the Service has included bandwidth on the Satellite; Gateway Service.

1.1.2 The use of Service shall be restricted to the purposes stated in the Agreement and shall be within the Territory, other uses shall be prohibited and BSCL shall have right to forbid such uses or discontinue the Service.

**1.2 RESPONSE TIMES AND ESCALATION MATRIX**

1.2.1 A classification is assigned to all the issues. This allows BSCL to prioritize the order in which issues are handled, ensuring that BSCL meets the expectations of BGB. This fault classification is closely tied with the escalation procedure to ensure that the response is appropriate to the severity of the incident. There are three defined classifications and response times:

Severity Level	General Evaluation Criteria	BGB	
		Response Time in Work days	Response Time in Holidays
High	A problem that critically effects on the ability of doing regular business.	12 Hours + Travel Time	24 Hours + Travel Time
Medium	Any component fails and the application is giving alert message. And some specific function does not working.	18 Hours+ Travel Time.	24 Hours+ Travel Time
Low	The application is having minor issue. Insignificant error is posted and Application is not affected at all. Users are able to work.	24 Hours+ Travel Time	24 Hours+ Travel Time

Table 1 - General guideline for Event Classification &amp; Response Times



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Md. Shafiqul Islam

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1.2.2 Process begins with the Second Party call-in of the technical or any breakdown situation issues for which 1<sup>st</sup> Party is responsible which doesn't include power outage at the site, physical disconnection, access restriction etc. A trouble ticket will be logged and collect necessary technical information with CUSTOMER to understand of the event occurring. Subject to the event, the resolutions that are being taken can be assigning engineer to onsite, or solve the event through phone support.

1.2.3 The following are the individual contact list should CUSTOMER need to contact for relevant support team directly in case of emergency.

Official from BSCL	Official from BGB
Manager (Govt. Sector Sales) or his/her superior. Phone: 01817181319 E-mail: <a href="mailto:hamed.mohiuddin@bscl.com.bd">hamed.mohiuddin@bscl.com.bd</a> SEL Rose N Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh	DDG/Dt: Communication, Communication Branch Phone: 01769-600111, 01769-600333, 01669-600333 Peelkhan, Dhaka Border Guard Bangladesh

Table 2 - Individual Support Contact List

## 2. RATES AND TERM OF SERVICE

2.1 The Service Fee shall be in accordance with the following table:

Bangabandhu Satellite-1 VSAT Link Service				
Bandwidth: 128 Kbps (Voice Telephony)			Service fee: Monthly: 9000 BDT	
Service Fee Breakdown:				
SN	Service Description	Unit	Service fee (BDT)	Remarks
1	VSAT Service Charge	01 Lot	9000/-	Monthly
Monthly Charge			9000/-	Nine Thousand Only

2.2 Customer is required to submit the RAF and/or new RAF at least fourteen (14) days prior to the start date of the first Service utilization and/or upgrading change in order for BSCL to identify the required incremental Service. BSCL shall use its best effort to arrange the Service to accommodate Customer's new requirement for the use of incremental Service. For avoidance of doubt, the newer RAF replaces the older RAF, and the newer RAF takes effect on the start date specified in such RAF.



Installation of VSAT Service for 23 Remote location of  
Bangladesh Police using Bangabandhu Satellite-1

Bangladesh Satellite Company Limited (BSCL)

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Bangladesh Police

-এর মধ্যকার স্বাক্ষরিত বাণিজ্যিক চুক্তিপত্র।

**বিএসসিএল-এর কপি**

স্মারক নং-৪৪.০১.০০০০.০৪৩৮.০৭.০১৬.২২/২৮১ (২)

তারিখ: ২৭ ফেব্রুয়ারি ২০২৩ খ্রি:



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Md. Saifur Raza Khan

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	VAT (15%)		388,775.00	321,300.00	321,300.00
	Negotiated price		2,919,275.00	2,463,300.00	2,463,300.00
<b>Price Breakdown: Onetime and Monthly</b>					
	One Time Installation Cost		575,000.00		
	VAT (15%)		86,250.00		
	Total Installation Cost		6,61,250.00		
	Total VSAT Equipment & Bandwidth Cost Including 15% VAT		22,58,025.00	2,463,300.00	2,463,300.00
	Monthly VSAT Equipment & Bandwidth Cost (Including 15% VAT)		2,05,275/-	2,05,275/-	2,05,275/-

1. In consideration of the payments to be made by the Procuring Entity to the Supplier, as hereinafter mentioned, the **Supplier/Service Provider** hereby covenants with the Procuring Entity to provide the supports services of **Installation of VSAT Service for 23 Remote locations of Bangladesh Police using Bangabandhu Sattelite-1** of Bangladesh Police in conformity in all with the provisions of this Contract.
2. The Procuring Entity hereby covenants to pay the Supplier in consideration of the provision of the services in the **Installation of VSAT Service for 23 Remote locations of Bangladesh Police using Bangabandhu Sattelite-1** and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
3. **Delivery Period:** The Supplier shall be responsible for supplying the services of **Installation of VSAT Service for 23 Remote locations of Bangladesh Police using Bangabandhu Sattelite-1** within **60(Sixty) days** from the date of Signing Agreement.
4. **Penalty for late delivery:** In case of default in failure to supply of the consignment (s) within the specified period for the reason not covered by article 5 of this Contract the supplier shall be payable to the Procuring Entity penalty at the rate of 0.05% percent per day up to a maximum of 10% (Ten percent) of total Contract Price as per **PPR-2006 & PPR-2008**.
5. **Terms of Payment:** The Onetime Installation and Site Survey charge of VSAT Services will be paid after successful Installation and Acceptance by the Acceptance Committee of ICT Section, Police Headquarters, Dhaka and **Monthly VSAT equipment rental cost; and Bandwidth cost will be paid Quarterly as mentioned in Annexure-C.**
6. **Support & maintenance:** All the technical support services of **Installation of VSAT Service for 23 Remote locations of Bangladesh Police using Bangabandhu Sattelite-1** must be available from the supplier for **24 Hours/Day, 7 Days/Week 365 Days/Year** according to the Agreement as per SLA Agreement mentioned in **annexure-B.**

“দেশপ্রেমের শপথ দিন, দুর্নীতিকে বিদায় দিন”

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7. **Arbitration:** All legal disputes of whatever kind arising out of the contract concluded between the including disputes validity of contract shall be settled wherever possible amicably with the exclusion of ordinary courts of Bangladeshi Law. If not be possible the disputes can/shall be settled with strict application of the rolls of Bangladeshi substantial Law, under the rules of Arbitration of the International chamber of commerce by court of Arbitration having Justification and being exclusively competent to decide overall legal dispute arising from or concerning the said contract. The court of Arbitration shall have right to determine its own rules of the procedure in this absolute description. However, it shall grant both the parties full opportunities to present their case and their proofs in writing and by words of mouth in the course of proceeding accordance with Public Procurement Act 2006, Public Procurement Rule-2008 and STD.

8. **Others Conditions:**

- Any amendment or supplements of this contract shall be valid only if these are made in writing and duly signed or acknowledged by the Procuring Entity and the supplier or their authorized representatives.
- The duration of this contract agreement may be extended due to satisfactory services with the consent of both Procuring Entity and Supplier by mutual understanding.

IN WITNESS where of the parties hereto have caused this agreement to be executed in accordance with the laws of Bangladesh on the day, month and year first written above:

<p><b>For and on behalf of Inspector General of Police</b></p> <p> 27.02.23</p> <p>Md. Zannatul Hasan, BPM (Bar) BP-7203020852 AIG (ICT) Bangladesh Police Police Headquarters, Dhaka. Tel: 02-223355312 E-mail: aigict@police.gov.bd</p>	<p><b>For and on behalf of Bangladesh Satellite Company Limited (BCSL)</b></p> <p></p> <p>Md Shaiful Islam (Additional Charge) Managing Director Bangladesh Satellite Company Limited (BCSL)</p>
<p><b>WITNESS FOR THE CLIENT</b> (Authorized Representative)</p> <p> 29/2/23</p> <p>Rubel Ahmed BP-8817195184 ASP (ICT) Police Headquarters, Dhaka.</p>	<p><b>WITNESS FOR THE SUPPLIER</b> (Authorized Representative)</p> <p> 29.02.23</p> <p>Shah Ahmedul Kabir General Manager Sales &amp; Marketing Bangladesh Satellite Company Limited</p>

“দেশপ্রেমের শপথ নিব, দুর্নীতিকে বিদায় দিন”



**Section 4. Particular Conditions of Contract**

Instructions for completing the Particular Conditions of Contract are provided, as needed, in the notes in italics mentioned for the relevant GCC clauses.

GCC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
GCC 1.1(b)	Head of the Procuring Entity is <b>Inspector General, Bangladesh Police</b> represented by: <b>AIG (ICT), Police Headquarters, Dhaka.</b>
GCC 1.1(a)	The site(s)/ point(s) of delivery is/are <b>ICT, Police Headquarters, Dhaka.</b>
GCC 3.1	For <b>notices</b> , the Procuring Entity's contact details shall be: <b>AIG (ICT), Bangladesh Police, Police Headquarters, Dhaka.</b> Attention: ASP (ICT), Police Headquarters, Dhaka. Tel: 02-223355312 E-mail: aiglet2@police.gov.bd
	For <b>notices</b> , the Supplier's contact details shall be: Attention: <b>Md Shafiqul Islam</b> , Managing Director, Bangladesh Satellite Company Limited , SEL ROSE-N-DALE (7 <sup>th</sup> floor), 116 Kazi Nazrul Islam Avenue, Banglamotor, Dhaka 1200 Telephone: 02-41030092, Fax number: 02-41030093 Electronic mail address: <a href="mailto:managing.director@bscl.com.bd">managing.director@bscl.com.bd</a>
GCC 7.1(i)	The following documents shall also be part of the Contract: Offered document which will be submitted by the bidder.

GCC 8.1 The scope of Supply shall be defined in:						
S L	Description of Procurement Package/Goods	Unit Price in BDT	Number of Unit	Price in BDT (1st Year)	Price in BDT (2nd Year)	Price in BDT (3rd Year)
1	Bandwidth Cost	350.00	50.00	210,000.00	210,000.00	210,000.00
2	Equipment Rental Cost	7,000.00	23.00	1,932,000.00	1,932,000.00	1,932,000.00
3	One Time Installation Cost	25,000.00	23.00	575,000.00		
	<b>Initial price Sub Total</b>			<b>2,717,000.00</b>	<b>2,142,000.00</b>	<b>2,142,000.00</b>
	<b>Discount for One Months in 1st Year:</b>				<b>No discount</b>	<b>No Discount</b>
4	Discount on Bandwidth Cost (1 month)	350.00	50.00	17,500.00	-	-
5	Discount on Equipment Rental Cost (1 Month)	7,000.00	23.00	161,000.00	-	-
	<b>Total Discount</b>			<b>178,500.00</b>	-	-
	<b>Sub Total</b>			<b>2,538,500.00</b>	<b>2,142,000.00</b>	<b>2,142,000.00</b>
	<b>VAT (15%)</b>			<b>380,775.00</b>	<b>321,300.00</b>	<b>321,300.00</b>
	<b>Negotiated price: Grand Total</b>			<b>2,919,275.00</b>	<b>2,463,300.00</b>	<b>2,463,300.00</b>
			<b>In Words:</b>	Twenty-nine lakh Nineteen thousand two hundred	Twenty-four lakh sixty-three thousand three hundred	Twenty-four lakh sixty-three thousand three hundred



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GCC 10	The Supplier or the Subcontractor that is a national of, or registered in, the following countries are not eligible: As declared by the Govt. of the People's republic of Bangladesh services to be supplied shall not have their origin in the following countries: As declared by the Govt. of the People's republic of Bangladesh
GCC 20.2	<p>For <b>notices</b>, the Procuring Entity's contact details shall be:  <b>AIG (ICT), Bangladesh Police, Police Headquarters, Dhaka.</b>          Attention: ASP (ICT), Police Headquarters, Dhaka.          Tel: 02-223355312          E-mail: aigict2@police.gov.bd</p> <p>Name of the Supplier: Md Shafiqul Islam, Managing Director, Bangladesh Satellite Company Limited, 5FL, ROSE-NDALE (7th floor), 116-Kazi Nazrul Islam Avenue, Banglamotor, Dhaka 1200          Telephone: 02-41030092, Fax number: 02-41030093          Electronic mail address: <a href="mailto:managing.director@bscl.com.bd">managing.director@bscl.com.bd</a></p> <p>Description: "VSAT Service for 23 Remote locations of Bangladesh Police using Bangabandhu Satellite-1".          Final Destination/Delivery Point: Remote 23 Police stations under Police Headquarters, Dhaka.</p>
GCC 21.1	<p>The documents to be furnished by the Supplier shall be as follows:</p> <ol style="list-style-type: none"> <li>Copies of Supplier's invoice showing services, description, quantity, unit price, total amount;</li> <li>Delivery note, railway receipt, or truck receipt;</li> <li>Manufacturer's/Supplier's warranty certificate (if any);</li> <li>Inspection certificate issued by the nominated inspection agency (or Procuring Entity) and/ or the Supplier's factory inspection report (if any);</li> <li>Certificate of origin, if any;</li> <li>[The above requirements should be reviewed by the Procuring Entity on a case-by-case basis, with amendments being made as necessary.]</li> </ol>
GCC 23.1	Contract Price of 2,919,275.00 +2,463,300.00 +2,463,300.00= 7,845,875.00 (In words : Seventy Eight Lac Forty Five Thousand Four Hundred Fifty Eight) taka only.
GCC 25.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:
	(a) Advance Payment: N/A
	<p>a. Onetime installation and Site Survey charge of VSAT Services will be paid after successful installation and Acceptance by the Acceptance Committee of ICT Section, Police Headquarters, Dhaka and Monthly VSAT equipment rental cost and Bandwidth cost will be paid Quarterly as mentioned in Annexure-C.</p> <p>b. The payments shall be made Through the office of the Controller General of Accounts of Bangladesh. Payment shall be made in Bangladesh Taka. Detail terms of payment attached in annexure-C</p>
GCC 25.3	Payments shall be made in no case later than the days 30 after submission of an invoice or request for payment by the Supplier, and after the Procuring Entity has accepted it.
GCC 25.5	The interest rate that shall be applied is [ 0 ] percent
GCC 30.1	<p>The inspections and tests shall be:</p> <p>Type of test: N/A.          Time or milestone: As per desire of AIG (ICT)          Place: As per desire of AIG (ICT)</p>
GCC 31.3	The period of validity of the Warranty shall be: NA
GCC 31.7	The Supplier shall correct any defects covered by the warranty within 60 days of being notified by the Procuring Entity of the occurrence of such defects.



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<b>GCC 33.1</b>	<p>The amount of Liquidated Damages is 0.05 percent of the contract value of the undelivered services or any part thereof delivered after expiry of the Delivery and Completion Schedule or extended Delivery and Completion Schedule, as applicable, per day of delay.</p> <p><b><u>Guide to application of GCC Sub Clause 33.1 above</u></b></p> <p>[ Liquidated damages is equivalent to an amount to be determined in accordance with the following formulae</p> $T = V \times P \times n$ <p>Where;</p> <p>T = Total amount of Liquidated Damages</p> <p>V = Contract Value of undelivered services or any part thereof, delivered after expiry of the Delivery and Completion Schedule or extended Delivery and Completion Schedule, as applicable</p> <p>P = Percent-rate at which the Liquidated Damages shall be imposed per day of delay</p> <p>n = No of days delayed for delivery of the undelivered services or any part thereof, after expiry of the Delivery and Completion Schedule or extended Delivery and Completion Schedule, as applicable.</p> <p>The maximum amount of Liquidated Damages for the undelivered service or any part thereof is 10 percent of the final Contract Price of the whole services.</p>
<b>GCC 42.2(b) &amp; (e)</b>	<p>The name of the Adjudicator: None</p> <p>The name of the appointing authority of the Adjudicator: None</p>
<b>GCC 42.3(b)</b>	<p><b><u>Arbitration:</u></b> All legal disputes of whatever kind arising out of the contract concluded between the parties including disputes regarding validity of contract shall be settled wherever possible amicably with the exclusion of ordinary courts of Law. If not Possible the matter shall be settled down in accordance with <b><u>Public Procurement Act 2006, Public Procurement Rules-2008 and Tender Document.</u></b></p> <p><b>Arbitration shall take place in:</b> ICT Section, Police Headquarters, Dhaka.</p>



**Annexure-B**

**SERVICE LEVEL AGREEMENT**

**for**

**Installation of VSAT Service for 23 Remote locations of Bangladesh Police  
using Bangabandhu Sattelite-1.**

**1. SERVICE**

**1.1 Provision of Service**

1.1.1 Customer agrees to utilize part of the digital bandwidth capacity of the satellite provided by BSCL in the Territory, which shall be referred to as the "Service" and pay the Service Fee (the "Service Fee") to BSCL according to Clause 6 of the Signed contract. The Service activation shall be subject to the available bandwidth capacity and technical feasibility. BSCL's provision of the Service has included Equipment rental, bandwidth of the Satellite, & maintenance Service.

1.1.2 The use of Service shall be restricted to the purposes stated in the Agreement and shall be within the Territory, other uses shall be prohibited and BSCL shall have right to forbid such uses or discontinue the Service.

**1.2 RESPONSE TIMES AND ESCALATION MATRIX**

1.2.1 A classification is assigned to all the issues. This allows BSCL to prioritize the order in which issues are handled, ensuring that BSCL meets the expectations of Bangladesh Police. This fault classification is closely tied with the escalation procedure to ensure that the response is appropriate to the severity of the incident. There are three defined classifications and response times:

**Table 1:**

General guideline for Event Classification & Response Times

Severity Level	General Evaluation Criteria	Bangladesh Police	
		Response Time in Work days	Response Time in Holidays
High	A problem that critically effects on the ability of doing regular business.	8 Hours + Travel Time	24 Hours + Travel Time





Medium	Any component fails and the application is giving alert message. And some specific function does not working.	18 Hours+ Travel Time	24 Hours+ Travel Time
Low	The application is having minor issue. Insignificant error is posted and Application is not affected at all. Users are able to work.	24 Hours+ Travel Time	24 Hours+ Travel Time

1.2.2 Process begins with the Second Party call-in of the technical or any breakdown situation issues for which 1<sup>st</sup> Party is responsible which doesn't include power outage at the site, physical disconnection, access restriction etc. A trouble ticket will be logged and collect necessary technical information with CUSTOMER to understand of the event occurring. Subject to the event, the resolutions that are being taken can be assigning engineer to onsite, or solve the event through phone support.

1.2.3 The following are the individual contact list should CUSTOMER need to contact for relevant support team directly in case of emergency. BS-1 Customer & Network Services (BSCL NOCC), located in BS-1 Station, Gazipur, Bangladesh, will handle all operational matters and provide a contact point for all customers. Operational staffs are always on duty 24 hours a day 7 days a week. Telephones and facsimile are provided to handle the customer need.

Tier 1: Customer Support Hotline (24/7): 01844 525050  
Customer Support Email: [support@bscl.com.bd](mailto:support@bscl.com.bd)

Tier 2: Anyone of the followings:

For Network Segment: Mr. Asif Ahmed Khan (01711 081007)  
Mr. Shaikh Salman (01551 247734)

Tier 3: Station In-Charge: Bakhtiar Ahmed (01550155080)

Tier 4: General Manager (Operations): Will be shared later



**Individual Contact list from Bangladesh Police:**

Sl.	Role	Name & Designation	Mobile#	Email@
1	Technical Contact 1	Mr. Akter Ali Sr. System Analyst Police Headquarters, Dhaka.	01711820509	ssaphq@police.gov.bd
2	Technical Contact 2	Enj. Md. Osman Faruk Sr. Maintenance Engineer Police Headquarters, Dhaka.	01911595141	osmanfaruk@yahoo.com
3	Administrative Contact-1	<b>Md. Bakul Hossain</b> ASP (ICT) Police Headquarters, Dhaka.	01765262605	aspict@police.gov.bd
4	Administrative Contact-2	Rubel Ahmed ASP(ICT) Police Headquarters, Dhaka.	01320001723	aspict@police.gov.bd

**2. OUTAGE**

2.1 The outage period (the "Outage Period") starts when an interruption of the Service is reported by Customer to BSCL's designated customer service center and BSCL has verified and confirmed for such interruption; and ends when the Service is resumed to Customer.

2.2 The following events, including without limitation, shall not be considered as a Creditable Outage:

- (a) Any outage which is the result of, or attributable, in whole or in part, to the fault or negligence of Customer or any person acting on Customer's behalf or being under Customer's control;
- (b) Any outage or interruption of service of Customer's link due to any fault, defects or damages of the customer's terminal equipment;
- (c) Interference, rain outage, sun outage, any and all of which occur on the Satellite network, and other events beyond the reasonable control of BSCL;
- (d) BSCL's service maintenance or preemptive action, in order to protect the overall health and performance of the Satellite and/or the Service;

2.3 BSCL may, at its sole discretion, deliberately preempt or interrupt Customer's utilization of the Service, in order to protect the overall health and performance of the Satellite and/or the Service. Customer shall immediately cease any transmission to the Satellite at such time as its utilization of the Service is preempted or interrupted pursuant to this Clause.





### 3. LIMITATION OF LIABILITY

3.1 BSCL is not liable for damages associated with service, channels, or equipment that it does not furnish.

3.2 BSCL, its directors, employees, agents and subcontractors of all of them shall be indemnified, defended, and held harmless by customer against all claims, losses, or damages if such claims, losses, or damages: (i) result from the use of Service furnished pursuant to this Agreement, and (ii) involve:

- a) claims for libel, slander, invasion of privacy, infringement of copyright, or any claim based on the content of any transmission arising from any communication;
- b) claims for patent infringement arising from combining or using the Service furnished by BSCL in connection with facilities or equipment furnished by others; or
- c) all other claims arising out of any act or omission of others relating to Service provided pursuant to this Agreement.

3.3 No license under patents (other than the limited license to use) is granted by BSCL, with respect to any Service offered under this Agreement. BSCL will defend Customer against claims of patent infringement arising solely from the use by Customer of Service offered under this Agreement and will indemnify Customer for any damages awarded based solely on such claims.

3.4 BSCL shall not be liable for Service interruptions resulting from any causes beyond its reasonable control, including but not limited to acts of God; fire; flood; adverse weather conditions; meteorological/ atmospheric occurrences or disturbances (including but not limited to sun outages) or other natural events; rain outage; irreparable Satellite component failure, regardless of the cause(s) of such failure; externally-caused interference; acts of government; national emergencies; insurrections; riots; acts of war; civil disorder; quarantine restrictions; embargoes; strikes, lockouts. Each such event shall constitute a "Force Majeure".



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3.5 Customer acknowledges that BSCL has no control over data, content or application transmitted through or used on the Service. Accordingly, BSCL shall not be liable for any data or content sent or received through the Service, any access of any data or content whatsoever by Customer or by any person using the Service, any delay or failure in data transmission made through the Service.

3.6 Notwithstanding anything to the contrary in this Agreement, BSCL shall not be liable for incidental, indirect, special, or consequential damages, or for lost profits, savings, or revenues of any kind, whether or not BSCL has been advised of the possibility of such damages.

#### 4. CUSTOMER RESPONSIBILITIES & LIABILITIES FOR LOSS AND DAMAGES

4.1 Customer shall use reasonable care in the supervision and utilization of the Service as indicated in this Agreement and shall not use such Service in such a way as to violate the others' rights, regardless of whether such other person employs security measure with respect to its database and Customer shall not publish the data or picture of other person without his/her permission. If any act of Customer causes the loss or damages to the third party, Customer shall be solely responsible for such loss and damages.

4.2 Customer shall not transmit, receive any statements, data, picture or code which are contrary to the laws or policies, rules, regulations, orders or notifications of the concerned authority in the Territory or official circulars which are against public order, good moral and the peace and security of the nation.

4.3 It is acknowledged by Customer that all merchandise, information, content, and services offered or made available or accessible on the Internet are offered or made available by Customer itself or the third parties with whom Customer shall contract directly for such services. Customer undertakes to demand its customers to declare to BSCL that the content will not breach or infringe upon: (i) any act or regulation of the Territory and/or any jurisdiction to which content is transmitted to, including, without limitation, such laws pertaining to copyright and/or other intellectual property rights, slander, defamation or obscenity; (ii) any guideline for internet or content or distribution issued by any competent authority in any jurisdiction in which the content is transmitted or published to:



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- 4.4 If the carrier that provides BSCL with access to its satellite, fiber, Internet or other telecommunications infrastructure for the purpose of this Agreement, requests BSCL to suspend or terminate the Service for any reason relating to the content, Customer agrees that BSCL will comply immediately with that request and that BSCL will have no liability of any kind whatsoever to Customer in connection with the foregoing.
- 4.5 Customer shall comply with the laws, rules, guidelines and/or regulations of any relevant international organizations in connection to the utilization of the Service.
- 4.6 Customer shall not utilize the Service in a manner which would or could be expected to, under standard engineering practice, interfere with the service of, or cause physical harm to, the Satellite or the equipment that is used with/on the Satellite or other satellites that are on the neighboring orbits. Customer shall also comply with all Appendices, which may be modified from time to time by BSCL in its reasonable discretion. BSCL, at its sole discretion and where technically feasible, shall have the right to change frequency, transponder or satellite, ground system location, service configuration, and/or ratio of Internet traffic connection under the Service at any time. However, BSCL will use its best endeavors to minimize an interruption to the Service provided to Customer due to such changes.
- 4.7 Customer should ensure uninterrupted power supply at the site and ensure proper security for equipment provided by BSCL.
- 4.8 Customer has to ensure site access to BSCL or its nominated service provider as and when required.

<p><u>For and on behalf of Inspector General of Police:</u></p> <p> 27.02.23</p> <p>Md. Zarnatul Hasan, BPM (Bar) BP-7203020852 AIG (ICT) Bangladesh Police Police Headquarters, Dhaka. Tel: 02-223355312 E-mail: aigict@police.gov.bd</p>	<p><u>For and on behalf of Bangladesh Satellite Company Limited (BSCL)</u></p> <p> Md. Shafiqul Islam (Additional Charge) Managing Director Bangladesh Satellite Company Limited (BSCL)</p>
<p>WITNESS FOR THE CLIENT (Authorized Representative)</p> <p> 29/2/23</p> <p>Rubel Ahmed BP-8817195184 ASP (ICT) Police Headquarters, Dhaka</p>	<p>WITNESS FOR THE SUPPLIER (Authorized Representative)</p> <p> Shah Ahmedul Kabir General Manager Sales &amp; Marketing Bangladesh Satellite Company Limited (BSCL)</p>





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Md. Shafiqul Islam

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Government of the People's Republic of Bangladesh  
Bangladesh Police  
Police Headquarters, Dhaka.  
www.police.gov.bd  
Contract Agreement.

Memo No. 44.01.0000.0438.07.016.22/281(2)

Date: 27-02-2023.

- Ref: 1. PHQ letter no-ICT/44.01.0000.438.07.016.22/295 Dated: 15/12/2022  
2. Financial Proposal for Bangladesh Satellite Company Ltd's Memo No-14.39.0000.003.99.085.19.707 Dated: 28/12/2020  
3. Revised Financial Proposal Memo No-14.39.0000.003.99.085.19.051(1) Dated: 17/01/2023

This AGREEMENT for Installation of VSAT Service for 23 Remote locations of Bangladesh Police using Bangabandhu Satellite-1 is made on the 27<sup>th</sup> day of the month of February 2023.

between:

Bangladesh Police represented by Md. Zammatul Hasan, BPM (Bar), AIG (ICT), Bangladesh Police, Police Headquarters, Dhaka on behalf of IGP, Bangladesh Police (hereinafter called the "Procuring Entity")

And,

on the other hand, Bangladesh Satellite Company Limited (BSCL) represented by Md. Shafiqul Islam, Managing Director (Additional Charge), having principal business office at SEC. ROSE-N-DALE (7th & 8th Floor), 116 Kazi Nazrul Islam Avenue, Dhaka-1205 (hereinafter called "the Supplier/Service Provider").

WHEREAS the Procuring Entity invited financial proposal PHQ letter no-ICT/44.01.0000.438.07.016.22/295 Dated: 15/12/2022 for the execution of the services named "Installation of VSAT Service for 23 Remote locations of Bangladesh Police using Bangabandhu Satellite-1" for the Contract Price for 1<sup>st</sup> Year (Including VAT & AIT) 29,19,275.00 (Twenty-Nine Lac Nineteen Thousand Two Hundred Seventy-Five) taka only and for 2<sup>nd</sup> Year (Including VAT & AIT) in and for 3<sup>rd</sup> Year (Including VAT & AIT) 24,63,300.00 (Twenty-Four Lac Sixty-Three Thousand Three Hundred) taka only as corrected and modified in accordance with the Instructions to Tender, has been approved by the Inspector General of Bangladesh Police (hereinafter called "the Contract Price").

Table-1:

Price Schedule for Satellite Connectivity through Bangabandhu Satellite-1

Sl.	Description of Procurement Package/Goods	Unit Price in BDT	Number of Unit	Price in BDT (1st Year)	Price in BDT (2nd Year)	Price in BDT (3rd Year)
1	Bandwidth Cost	350.00	50.00	210,000.00	210,000.00	210,000.00
2	Equipment Rental Cost	7,000.00	23.00	1,932,000.00	1,932,000.00	1,932,000.00
3	One Time Installation Cost	25,000.00	23.00	575,000.00		
	Initial price-Sub Total			2,717,000.00	2,142,000.00	2,142,000.00
	Discount for One Months in 1st Year				No discount	No Discount
4	Discount on Bandwidth Cost (1 month)	350.00	50.00	17,500.00	-	-
5	Discount on Equipment Rental Cost (1 Month)	7,000.00	23.00	161,000.00	-	-
	Total Discount			178,500.00	-	-
	Sub Total:			2,538,500.00	2,142,000.00	2,142,000.00

“দেশপ্রেমের শপথ দিন, দুর্নীতিকে বিদায় দিন”

Annexure-CPAYMENT SCHEDULE OF STORES

Name of the Service: Installation of VSAT Service for 23 Remote locations of Bangladesh Police using Bangabandhu Sattelite-1.

Ref: 1. PHQ letter no-ICT/44.01.0000.438.07.016.22/295 Dated: 15/12/2022

2. Financial Proposal for Bangladesh Sattelite Company Ltd's Memo No-14.39.0000.003.99.085.19.707 Dated: 28/12/2020

3. Revised Financial Proposal Memo No-14.39.0000.003.99.085.19.051(1) Dated: 17/01/2023

Financial year: 2022-2023,2023-2024 & 2024-2025

Cost of debatable to head: Revenue Budget, Code-3-1220201-105954-HQ,Bangladesh Police-3258103 (Computer).

User: Police Head Quarters, Bangladesh Police Dhaka.

SL	Description of Service	Description of Service	1 <sup>st</sup> Year Payment Mod		2 <sup>nd</sup> Year Payment Mod		3 <sup>rd</sup> Year Payment Mod		Location	Maintenance Period(From issuing of signing the Contract Agreement)
			Monthly	Yearly (Discount 1 Month =11 Months)	Monthly	Yearly	Monthly	Yearly		
1	Installation of VSAT Service for 23 Remote locations of Bangladesh Police using Bangabandhu Sattelite-1	Onetime Installation & Site Survey Cost (Including 15 % VAT)	-	6,61,250.00	-	-	-	-	23 Remote locations of Bangladesh Police.	36 (Thirty-Six) Months.
		VSAT Equipment & Bandwidth Cost (Including 15 % VAT)	2,05,275/-	22,58,025/-	2,05,275/-	2,463,300/-	2,05,275/-	2,463,300/-		

*27.02.23*  
Md. Zannatul Hasan, BPM(Bar)

BP-7203020852

AIG (ICT)

Bangladesh Police

Police Headquarters, Dhaka,

Tel:02-223355312

E-mail: aigict@police.gov.bd

*[Signature]*  
Md Shafiqul Islam

(Additional Charge)

Managing Director

Bangladesh Satellite Company Limited (BSCL)





PROCUREMENT DIVISION

Ref: UCB/CO/PD/WG/Data Connectivity through VSAT/2023/147

March 05, 2023

Bangladesh Satellite Company Limited  
SEI, ROSE N-DALE (7<sup>th</sup> & 8<sup>th</sup> floor), 116 Kazi Nazrul Islam Avenue, Dhaka.

Attention: Asad Bin Yusuf, Manager (Non Govt. Sales), Cell: +8801711-084264.

**Subject:** Work Order for Providing Data Connectivity Service through VSAT for 04 (Four) ATM Booths of UCB at One Time Cost @Taka 17,250.00 Only per ATM booth i.e. at a Total cost of Taka 69,000.00 (Sixty Nine Thousand) Only including VAT & AIT and Monthly Recurring Cost (MRC) @Taka 10,350.00 Only per ATM booth/Month including VAT & AIT Up to March 2026.

Dear Sir,

Reference our discussions and negotiations followed by your Revised Price Offer Dated 26.01.2023 on the subject.

In this connection we are pleased to inform you that your offer has been accepted by us and we hereby issue you this Work Order Providing Data Connectivity Service through VSAT for 04 (Four) ATM Booths of UCB at One Time Cost @Taka 17,250.00 Only per ATM booth i.e. at a Total cost of Taka 69,000.00 (Sixty Nine Thousand) Only including VAT & AIT and Monthly Recurring Cost (MRC) @Taka 10,350.00 Only per ATM booth/Month including VAT & AIT Up to March 2026.

**For IT Division Of UCB Corporate Office Only.** Please ensure that 128 Kbps Data Connectivity Services through VSAT handed Over for 04 (Four) ATM Booth by Bangladesh Satellite Company Limited ensuring 100% compliance of Quantity, Quality and Terms & Conditions as described in subsequent Pages.

Please put your Company's authorized representative's Signature along with official Seal on the duplicate copy of this Work Order and return it to us immediately as sign of your acceptance.

Thanking You,

Sincerely yours,

Md. Anupam Hasan Miah  
Senior Officer



Umasha Umayun Moni Chowdhury  
Vice President

Enclosed: Financial Summary and Terms & Conditions.

United Commercial Bank PLC

Corporate Office: Plot-CWS(A)-1 Road No-34,  
Gulshan Avenue, Dhaka-1212, Bangladesh.

Phone: +880-2-55668070, +8809610999999, E-mail: [info@ucb.com.bd](mailto:info@ucb.com.bd)

Page 1 of 2





**Financial Summary:**

Sl.	Connectivity	Bandwidth	Type of Cost	Cost
D1	Per ATM Booth 128kbps (shared) satellite connectivity including necessary VSAT Hardware/Connection	128 Kbps	One Time Cost (OTC)	Tk. 17,250.00
D2	Monthly Recurring Charge per ATM Booth	128 Kbps	Monthly Recurring Cost (MRC)	Tk. 10,350.00

**Terms & Conditions:**

Sl.	Particulars	Terms & Conditions
1	Delivery Period	Bangladesh Satellite Company Limited to Complete the delivery Maximum 15 working days after getting instruction from ITD. However the delivery time can be extended/Reduce upon mutual understanding of Bangladesh Satellite Company Limited and UCB Based on the readiness from both side.
2	Taxes, VAT etc.	BSCL to bear All Govt. Taxes e.g. AT, VAT and any other admissible charges as applicable and as amended by the authority from time to time.
3	Payment	<ul style="list-style-type: none"> <li>One-Time Cost payment per ATM Booth will be made by UCB after Successful Supply, Installation, Testing and Handover of Services and on submission of all related documents copies e.g. Original Bill, Challan, Copy of Work Order &amp; User Satisfaction Certificates etc.</li> <li>Monthly Recurring Cost payment per ATM Booth will be made by UCB within 7-15 Working days after receiving the bill.</li> </ul>
4	Advance Payment	NO advance payment shall be provided to BSCL for any reason whatsoever.
5	Extra Payment	NO extra payment shall be provided to BSCL for Transportation, Accommodation, Food or any other reason whatsoever.
6	Work Order Validity	Work Order validity shall be up to the maximum period of 30 (Thirty) Days after payment of Final Bill.
7	Penalty for Delay	If BSCL cannot Deliver the Services within stipulated time, penalty at the rate of 0.1% (Zero Point One Percent) of the total cost for each day of delay shall be deducted.
08	SLA	ITD to Sign an Agreement with BSCL (if required)
09	Cancellation/Modification of Work Order	UCB reserves the right to decrease the quantity or cancel the Work Order in full or in part for any valid reason whatsoever.



*Handwritten signature*



Contract Agreement  
for  
Bangabandhu Satellite-1  
V-SAT Service Agreement

Between

**Bangladesh Satellite Company Limited (BSCL)**

And

**34 Engineer Construction Brigade**

**Copy of BSCL**

Ref: 14.39.0000.003.99.097.20-076

Date: 30 January 2022



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Md. Shofiqul Islam

**Bangabandhu Satellite-1's VSAT Link Service Agreement**

No. 14.39.0000.003.99.97.20.076

This Bangabandhu Satellite-1's VSAT Link Service Agreement (the "Agreement") made on 30<sup>th</sup> January 2023 and shall become effective from 1<sup>st</sup> March 2023 by and between:

- I. **BANGLADESH SATELLITE COMPANY LIMITED**, is a public limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Managing Director** having its principal business office at SEL Rose N Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh, hereinafter referred to as "BSCL" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the BSCL).

.....THE FIRST PARTY

AND

- II. 34 Engineering Construction Bridged, operating under the Ministry of Defense of the People's Republic of Bangladesh having office at Dampara Army Camp, Chittagong-4000 represented by its Staff Officer, 34 Engineering Construction Bridged, hereinafter referred to as '34 Engineering Construction Bridged' or 'Second Party' or 'CUSTOMER', (which expression shall, unless excluded by or repugnant to the context or meaning thereof, mean and include its executors, successors-in-interest, assignees or legal representatives) of the CUSTOMER.

.....THE SECOND PARTY

(The First Party and the Second Party hereinafter collectively referred to as "Parties" and individually as "Party")

**WHEREAS**

- (a) Customer desires to use the satellite VSAT service for the purpose of providing connectivity solutions to different Police station of Bangladesh (the "Territory"); and
- (b) BSCL agrees to provide the connectivity service to Customer via the Bangabandhu Satellite-1 (the "Satellite"); and

**NOW, THEREFORE**, BSCL and Customer, in consideration of the mutual covenants expressed herein, agree as follows:

“দেশপ্রেমের শপথ নিল, দুর্নীতিকে বিদায় দিন”





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Md. Shofiqul Islam

### SERVICE DESCRIPTION

#### 1. SERVICE

##### 1.1 Provision of Service

- 1.1.1 Customer agrees to utilize part of the digital bandwidth capacity of the satellite provided by BSCL in the Territory, which shall be referred to as the "Service" and pay the Service Fee (the "Service Fee") to BSCL according to Clause 2 below (RATES AND TERMS OF SERVICE). To use the Service, Customer shall submit individual Request for Service activation (each an "RAF") to BSCL by using the form attached hereto as Appendix C. The Service activation per RAF shall be subject to the available bandwidth capacity and technical feasibility. BSCL's provision of the Service has included bandwidth on the Satellite, Gateway Service.
- 1.1.2 The use of Service shall be restricted to the purposes stated in the Agreement and shall be within the Territory, other uses shall be prohibited and BSCL shall have right to forbid such uses or discontinue the Service.

##### 1.2 RESPONSE TIMES AND ESCALATION MATRIX

- 1.2.1 A classification is assigned to all the issues. This allows BSCL to prioritize the order in which issues are handled, ensuring that BSCL meets the expectations of Police. This fault classification is closely tied with the escalation procedure to ensure that the response is appropriate to the severity of the incident. There are three defined classifications and response times:



“দেশপ্রেমের শপথ নিব, দুর্নীতিকে বিদায় দিন”

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Md. Shaikhul Islam

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Severity Level	General Evaluation Criteria	34 Engineering Construction Bridged	
		Response Time in Work days	Response Time in Holidays
High	A problem that critically effects on the ability of doing regular business.	12 Hours + Travel Time	24 Hours + Travel Time
Medium	Any component fails and the application is giving alert message. And some specific function does not working.	18 Hours+ Travel Time	24 Hours+ Travel Time
Low	The application is having minor issue. Insignificant error is posted and Application is not affected at all. Users are able to work.	24 Hours+ Travel Time	24 Hours+ Travel Time

Table 1 - General guideline for Event Classification &amp; Response Times

1.2.2 Process begins with the Second Party call-in of the technical or any breakdown situation issues for which 1<sup>st</sup> Party is responsible which doesn't include power outage at the site, physical disconnection, access restriction etc. A trouble ticket will be logged and collect necessary technical information with CUSTOMER to understand of the event occurring. Subject to the event, the resolutions that are being taken can be assigning engineer to onsite, or solve the event through phone support.

1.2.3 The following are the individual contact list should CUSTOMER need to contact for relevant support team directly in case of emergency.

Official from BSCL	Official from 34 Engineering Construction Bridged
Customer Support, BSCL Ground station Email: <a href="mailto:support@bscl.com.bd">support@bscl.com.bd</a> Cell : +8801844525050	
Asif Ahmed Khan, Manager, Operations E-mail: <a href="mailto:asif@bscl.com.bd">asif@bscl.com.bd</a> Cell : +8801711081007	
Md. Shaikh Salman, Manager, Operations E-mail: <a href="mailto:shaikh@bscl.com.bd">shaikh@bscl.com.bd</a> Cell : +8801551247734	
Asad Bin Yusuf, Manager, Non Govt. Sector Sales E-mail: <a href="mailto:asad.nov@bscl.com.bd">asad.nov@bscl.com.bd</a> Cell : +8801711084264	

Table 2 - Individual Support Contact List

“দেশপ্রেমের শপথ নিন, দুর্নীতিকে বিদায় দিন”



## 2. RATES AND TERM OF SERVICE

2.1 The Service Fee shall be in accordance with the following table:

2.1.1 Data Volume Rate: For each site bandwidth of 5MB will be allocated as per following data rate

Data Volume (in GB)	Price in BDT (per GB per Month)
50GB or More	350/-
20.01 <= Data Usage <= 49.99 GB	450/-
0.1 <= Data Usage <= 20	500/-

- 2.2 Customer is required to submit the RAF and/or new RAF at least fourteen (14) days prior to the start date of the first Service utilization and/or upgrading change in order for BSCL to identify the required incremental Service. BSCL shall use its best effort to arrange the Service to accommodate Customer's new requirement for the use of incremental Service. For avoidance of doubt, the newer RAF replaces the older RAF, and the newer RAF takes effect on the start date specified in such RAF.
- 2.3 In consideration of the provision of the Services by BSCL hereunder and under the RAF(s), Customer shall pay BSCL the Service Fee as set forth in each applicable RAF and according to Clause 2 of the General Terms and Conditions.

## 3. VALIDITY OF THE CONTRACT

- 3.1 This initial validity of the Contract will be for 3 years from the effective date of the Contract. This validity period may be extended for further period/periods, on mutual agreement. However, the Contract will be deemed to be renewed automatically until or unless the Contract is terminated. The price may be reviewed after each 03 (Three) years (if this Contract is extended) on mutual agreement between the parties.
- 3.2 The Service Period shall be Three (3) years commencing from 01 March 2023 (the "Commencement Date") until 28 February 2026.

## 4. PAYMENT OF CHARGES

- 4.1 Service Fee begins on the first day Service starts pursuant to Clause 2 of the SERVICE DESCRIPTION (RATES AND TERM OF SERVICE) and continue through the last day Service is provided. For Partial-month Service, BSCL calculates daily rates using a thirty (30) days month and bills Customer in one (1) day increments for each day Service is provided.
- 4.2 Unless otherwise stated in the RAF(s), Service Fee shall be paid to BSCL on a monthly basis in advance on or before the beginning of each month. Service Fee will be billed to the Customer at least fifteen (15) days before the due date of payment or as soon as is practicable prior to the start of Service in the event Service begins at some time other than the first day of the month. Payment for Service is due from Customer to BSCL as specified on BSCL's invoices. Payment of Service Fee is the sole responsibility of Customer and is not dependent on Customer's receipt of payment or funding from any third party.
- 4.3 Service may be discontinued for nonpayment of a bill fifteen (15) days beyond notice from BSCL to Customer of payment past due. All payments by Customer to BSCL shall be: (i) made in BDT, (ii) considered paid upon receipt of collected funds by BSCL, and (iii) made via electronic funds transfer to the bank account designated by BSCL in the payment instructions which accompany all BSCL invoices. Any and all fees associated with the payment of the bill are the responsibility of the Customer. All payments and/or obligations under this contract agreement shall be remitted in BDT via any financial instrument (EFT, A/C Payee Cheque, Pay Order etc.) to BSCL's account. BSCL will not collect any A/C Payee Cheque, Pay Order from the customer premises.
- 4.4 In case of capacity increment or reduction, BSCL will share an updated payment schedule which will be treated as a part of agreement (Appendix C)
- 4.5 BSCL will issue monthly invoice to Customer on any working day the first week of the Service Month. Customer will pay within 07th calendar day of the following month of





the service period. If customer failed to deposit the payment within such time period mentioned within the invoice, BSCL may terminate this agreement with a written notice of 15 days.

- 4.6 Any amount incurred but not included in the previous payment shall be included in the following payment receipt upon BSCL's discretion.
- 4.7 BSCL will issue a monthly invoice to the Customer and corresponding payment schedule will be activated upon receiving the invoice from BSCL.
- 4.8 The invoice will reflect applicable VAT, TAX and other duties as per Government rules and regulation. (Such as VAT will be made payable by the Customer only)

#### 5. SEVERABILITY

- 5.1 If any provision of this Agreement is held invalid, illegal or unenforceable for any reason, including by judgment of, or interpretation of relevant law, by any Court of competent jurisdiction, the continuation in full force and effect of the remainder of them shall not be prejudiced.

#### 6. ENTIRE AGREEMENT

This Agreement together with the Appendixes hereto constitutes the entire understanding between the parties relating to the subject matter of this Agreement and, save as may be expressly referred to or referenced herein, supersedes all prior representations, writings, negotiations or understandings between the parties.

Each party represents that it has caused this Agreement to be executed on its behalf by a representative empowered to bind that parties with respect to the undertaking or obligations contained herein.

i.	Agreement	Service Description.
ii.	Appendix A	General Terms and Conditions.
iii.	Appendix B Activation Form (RAF)	Request for Bangabandhu Satellite-1 Link Service
iv.	Appendix C	Payment Schedule
v.	Appendix D	List of equipment per site
vi.	Appendix E	Current Location

#### 7. WAIVER

No failure or delay by either party in exercising any of its right, power or privilege under this Agreement shall operate as a waiver of such right, power or privilege, nor shall any single or partial exercise of any right, power or privilege preclude any other or further exercise thereof or the exercise of any other right, power or privilege. No waiver of any right or of any breach of any Agreement term will be deemed to be a waiver of any other right or of any later breach.

#### 8. ARBITRATION

Any dispute arising from the interpretation or from any matter relating to the performance of this Agreement or relating to any right or obligation herein contained which cannot be resolved by the parties within thirty (30) days from the date of the dispute (the written notice specifying the nature and details of the dispute is received by one party from the other party), shall be finally and exclusively referred to and resolved by the arbitration in accordance with Arbitration Act, 2001 (the "Arbitration"). The place of Arbitration shall be in Dhaka. The Arbitration shall be held in English, and the award of Arbitration shall be final and binding upon the parties. Notwithstanding the foregoing, either Party may file with the competent court a provisional attachment or injunction procedure for the purpose of securing the enforcement of the award or obtaining continuous Services under as contemplated under this Agreement.

#### 9. REMEDIES

Either Party may exercise the following remedies in case of breach of Agreement by the other Party.

- 9.1 Each of the Parties hereto acknowledges and agrees that, in the event of any breach of any covenant or agreement contained in this Agreement by the other party, money damages may be inadequate with respect to any such breach and the non-breaching party may have no adequate remedy at law. It is accordingly agreed that each of the parties hereto shall be entitled, in addition to any other remedy to which they may be entitled at law or in equity, to seek injunctive relief and/or to compel specific performance to prevent breaches by the other party hereto of any covenant or agreement of such other Party contained in this Agreement.

- 9.2 Exercise any other remedies as permitted under applicable laws.



## 10. INDEMNIFICATION

- 10.1 BSCL shall indemnify, defend and hold CUSTOMER harmless from claims, demands and causes of action asserted against CUSTOMER by any person (including without limitation, BSCL's Employee, subcontractors and employees of such subcontractors or any third party) for personal injury or death or for loss of or damage to property resulting from the BSCL's negligence or willful misconduct hereunder.
- 10.2 BSCL shall ensure that its Up linking Hub shall, at all material time, conform to the specifications given in this Agreement and shall have constant signal level across Bangladesh as per permissible signal intensity & strengths. Any outage or degraded signal quality and non-conformance of technical specifications caused by any mean apart from the reasons specified in Clause nos. 10 and 11.1, will be treated as failure and as a result, BSCL shall be liable to compensate CUSTOMER for its loss caused due to the degraded signal quality (ies) and/or non-conformance of technical specifications.
- 10.3 CUSTOMER and BSCL shall indemnify and hold each other harmless from any loss or damage suffered by other party accruing or arising out of violation of any act, commission or violation by the parties of any laws, regulations, and policies of the Government of Bangladesh.

## 11. GOVERNING LAW, JURISDICTION AND DISPUTE RESOLUTION

- 11.1 This Agreement shall be governed by and construed, governed and interpreted in accordance with the laws of Bangladesh with courts of Dhaka having exclusive jurisdiction over it.
- 11.2 Any changes in this Agreement will be done only on a mutually agreed basis and documented accordingly.
- 11.3 It is recognized by the parties that both BSCL and CUSTOMER have to conform to the License granted by the applicable authorities and the parties therefore, agree that this Agreement will be deemed to be made subject to the terms and conditions of the said license and any modifications made thereto by the Government from time to time as also the statutory provisions contained in the relevant Broadcasting Laws amended from time to time. The parties agree to suitably amend this Agreement in order to fully conform to the said statutory provisions and the terms and conditions of the said License, to the extent necessary as amended from time to time. Accordingly, both parties agree to put their best endeavors to abide by the terms and conditions of the said license and/or any Rules/ Modification(s)/ Directions issued in connection with rendering of such services by BSCL and receiving the same by the CUSTOMER.

## 12. REPRESENTATIONS AND WARRANTIES

Both Parties acknowledges and warrants and represents to each other that:

- 12.1 Each Party is duly incorporated and validly existing under the laws of Bangladesh and has the power to own its own assets and to conduct the business which it conducts and/or proposes to conduct.
- 12.2 Each Party has power under its constitution to enter into this Agreement, to exercise its rights and perform its obligations pursuant to the said Agreement and all corporate or other action required to authorize the execution and performance by the each party of its obligations thereunder has been duly taken, including the obtaining of all consents or approvals of, or exemptions by, any state, governmental or public bodies and authorities required in Bangladesh ('authorizations') in connection with the acceptance by the each Party of the terms and conditions of this Agreement and all obligations to be performed thereunder.
- 12.3 The signing and delivery of this Agreement and the performance of the said Agreement will not:
- 12.3.1 Contravene or constitute a default under any provision contained in any agreement, instrument, law, judgement, order, license, permit or consent by which each Party or any of its assets is bound or affected; or
- 12.3.2 Cause any limitation on it or the powers of its directors (whether imposed by any of



its constitutional documents or by any law, order, judgement, agreement, instrument or otherwise) to be exceeded;

- 12.3 Oblige each Party to create or result in the existence of any encumbrance over any of its assets or result in any breach of any law, order, judgement or agreement.
- 12.4 All acts, conditions and things required by the law of Bangladesh to be carried out, fulfilled and performed in order to ensure that the obligations of each Party contained in this Agreement are legal, valid and enforceable.
- 12.5 Each Party has all the necessary rights, easements, licenses and interests to enable it to operate the Business which are valid and operative;
- 12.6 No event has occurred which constitutes, or which with the giving of notice and/or the lapse of time and/or a relevant determination would constitute, a contravention of, or default under, any agreement or instrument by which each Party or any of its assets is bound or affected which might either have a material adverse effect on the business, assets or condition of each Party or materially and adversely affect its ability to observe or perform its obligations hereunder;
- 12.7 No litigation, arbitration or administrative proceeding or claim which might by itself or together with any other such proceedings or claims either have a material adverse effect on its business, assets or condition or materially and adversely affect its ability to observe or perform its obligation under this Agreement, is presently in progress or pending or, to the best of the knowledge, information and belief of each Party, threatened against each Party or any of its assets;
- 12.8 All necessary returns have been delivered by or on behalf of each Party to the relevant taxation authorities, each Party is not in default in the payment of any taxes of a material amount, and no material claim is being asserted with respect to taxes;
- 12.9 The Information circulated by one Party at the request of another Party in connection with this Agreement do not contain any untrue statement or omit to state any fact the omission of which makes the statements therein misleading, in the light of the circumstances under which they were made, misleading and all expressions of expectation, intention, belief and opinion therein were honestly made on reasonable grounds after due and careful enquiry by each Party.
- 12.10 To each Party's knowledge no legal proceedings has commenced or is threatened against each Party for its winding up, dissolution or reorganization or for the appointment of a receiver, administrator, trustee or similar officer to each Party or any or all its assets and undertaking;
- 12.11 One Party has disclosed fully in writing to the other Party all facts relating to its which it knows or should reasonably know, and which are material for disclosure to another party in the context of this Agreement. The representations and warranties in this clause shall be deemed to be repeated, updated at each such date from the date of signing till the expiry of this Agreement.
- 12.12 Correspondence shall be delivered by registered mail signed by an authorized representative of the sending party, or by e-mail or facsimile or delivered personally to the addressee established in this clause or at such address as the recipient may case by case have notified to the other party hereto. Any correspondence shall be confirmed by the receiving party if so, requested by the sending party without undue delay.

### 13. FORCE MAJEURE

- 13.1 Failure on the part of either party to perform any of its obligations set forth in this Agreement will not be deemed to be a breach of the Agreement to the extent that such failure arises from force majeure as soon as possible after the occurrence.
- 13.2 Any party hereto who fails because of force majeure to perform its obligations hereunder will upon the cessation of force majeure, take all reasonable steps within its power to resume with the least possible delay compliance with its obligations.
- 13.3 Force Majeure shall include any civil commotion, strike, 'hartal', government action, lockout, accident, epidemic or any other event of any nature or kind whatsoever beyond the control of the parties that directly or indirectly hinders or prevents the parties from commencing or proceeding with consumption of the transactions contemplated hereby.

### 14. ASSIGNMENT of the contract





The terms and provisions hereof shall inure to the benefit of, and be binding upon, the Parties and their respective permitted successors and assigns. Notwithstanding the forgoing, CUSTOMER may assign this Agreement, upon notice to BSCL to: (i) an affiliate of Company; or (ii) a purchaser of all or substantially all of the assets of CUSTOMER or to a purchaser of the rights of a product, if CUSTOMER or its affiliate divests, out-licenses or otherwise disposes of its assets; BSCL shall not be able to subcontract, delegate or assign any of its rights or obligations under the Agreement to any of its affiliates without prior approval of CUSTOMER.

This Agreement cannot be changed or modified except in writing signed by Authorized Signatory of the both Parties.

#### 15. RELATIONSHIP WITH PARTIES

The parties are independent contractors under this Agreement and shall not be construed as partner, agent or employee of the other.

#### 16. WAIVER OF RULE OF CONSTRUCTION

Each party has had the opportunity to consult with counsel in connection with the review, drafting and negotiation of this agreement. Accordingly, the rule of construction that any ambiguity in this agreement shall be construed against the drafting party shall not apply.

#### 17. PAYMENT INSTRUCTIONS

17.1 All payments and/or obligations under this contract agreement shall be remitted in BDT via any financial instrument (EFT, A/C Payee Cheque, Pay Order etc.) to BSCL's account. BSCL will not collect any A/C Payee Cheque, Pay Order from the customer premises.

17.2 Payment information is detailed in the payment instructions which accompany all BSCL invoices. To ensure accuracy, Customer should include with all payments its BSCL account number and the invoice number for which payment is being made. All payments due hereunder shall be remitted in BDT via any financial instrument (EFT, A/C Payee Cheque, Pay Order etc.) as follows:

Beneficiary Name	:	Bangladesh Satellite Company Limited Collection Account
Bank Name	:	Sonali Bank Limited
Branch	:	Hotel Intercontinental Corporate Branch
Account No	:	44255-03000049
Routing No.	:	200271639
SWIFT Code	:	BSOBNDDH
Address	:	Minto Road, Kazi Nazrul Islam Avenue, Dhaka

#### 18. NOTICES

18.1 All notices, demands, requests, or other communications which may be or are required to be given, served, or sent by one party to the other party pursuant to this Agreement (except as otherwise specifically provided in this Agreement) shall be in writing and shall be delivered by confirmed facsimile, confirmed overnight mail, by hand or mailed by first-class, registered or certified mail, return receipt requested, postage prepaid, addressed as follows:

(i) If to CUSTOMER: <34 Engineering Construction Bridged>  
<>  
Attention: <Position>,  
<Branch/Department>  
Phone:

(ii) If to BSCL: Bangladesh Satellite Company Limited  
SEL Rose-N-Dale (Level 7 & 8), 116 Kazi Nazrul Islam  
Avenue, Dhaka 1205, Bangladesh  
Attention: Managing Director  
Phone: +880241030091-92  
Fax: +880241030093  
E-mail: [sales@bscl.com.bd](mailto:sales@bscl.com.bd)

18.2 In case of further amendments required to be added in the future before the expiration





বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)  
ও  
সরকারের ভিডিও কনফারেন্সিং প্ল্যাটফর্ম শক্তিশালীকরণ প্রকল্প  
এর  
মধ্যকার বাণিজ্যিক চুক্তিপত্র।

## বিএসসিএল-এর কপি

স্মারক নং-১৪.৩৯.০০০০.০০৩.৯৯.০৫০(অংশ-৩)২০-৩৬৮

তারিখ: ১৫ জুন ২০২৩ খ্রি:







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1.8. "Uplinking" shall mean sending signal from ground station to satellite

1.9. "Uplinking Hub" shall mean the entire infrastructure which comprises all the devices that are used to process the signal (audio, video, data) in transmittable format and send signal to satellite.

## 2. SERVICES TO BE PROVIDED BY BSCL

The services to be provided by BSCL are:

- Co-location and uplinking of the Content provided by SGVC, on dedicated Transponder/through BSCL owned infrastructure.
- The scope of this agreement and performance of BSCL is confined to the uplinking of Video conferencing arranged by SGVC for government agencies. SGVC will be responsible to manage the content & connectivity through its resources and infrastructure.

## 3. TERM OF AGREEMENT

This Agreement shall be valid from the Effective Date of this Agreement and shall continue to be in force for 3 (Three) years subject to the conditions contained in Annexure III of this Agreement, unless terminated by either party hereto in accordance with the provisions of Clause 5 hereof. The agreement may be renewed through mutual agreement in writing prior to the expiration of this agreement. However, the effective date for services provided under this agreement by BSCL and payment of service charges thereof shall be as per Clause 7.3 and Annexure III of this Agreement.

## 4. SUSPENSION BY BSCL

4.1 BSCL may (without prejudice to any other right or remedy) suspend the Uplinking Service.

4.1.1 On giving SGVC Thirty (30) days written notice if BSCL does not receive the payment of the Charges in full on the Due Date.

4.1.2 On giving Thirty (30) days written notice if the SGVC fails to obtain all necessary permission for consent from relevant authorities and observe the applicable laws of any country where the Broadcast Service is to be transmitted and / or received.

The suspension will continue until the grounds for suspension are removed to BSCL's reasonable satisfaction.

4.2 If BSCL suspends the Services in accordance with clause 4.1 above, then BSCL shall not be able to charge regular service charges to SGVC for the period of suspension.

## 5. TERMINATION

5.1 Either party may terminate this agreement by giving a prior written notice of 06 (Six) months on the occurrence of any of the following events/circumstances:

- If either party shall be wound up or makes composition or agreement with its creditors or disposes off its business or any of its undertaking or the substantial part thereof as part of such composition or arrangement or otherwise, save and except in the case of reorganization / restructuring.
- If a Receiver, Liquidator or Manager is appointed in respect of the whole or substantial part of the assets or business of either party.

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- 5.2 BSCL may terminate this agreement in the event SGVC fails to make payment of any amount due under this agreement within stipulated time period remaining outstanding and unpaid for more than a period of Ninety (90) days from the due date. In such an event, the SGVC shall immediately become liable to pay to BSCL all outstanding dues accrued prior to the effective date of termination.
- 5.3 SGVC may terminate this Agreement upon providing a prior written notice of Six (06) Months, if BSCL fails to maintain uplinking services in accordance with service level provided in Annexure II of this Agreement.
- 5.4 Either party may terminate this Agreement, without cause, upon providing a written notice of Six (06) Months to the other party.

## 6. TERMS OF SERVICES AND SUPPORTS

### 6.1 Service Operation and Supports

- a) BSCL shall provide its Co-location & uplinking services and required supports for the whole term of this Agreement. The detailed scope of services and support is provided in Annexure II (the "Service and Support")
- b) BSCL or its authorized representative shall have the right, with 24 hours prior notifications and permission from SGVC, to inspect the sites / locations from where contents are sent to BSCL 's Uplinking Hub for uplinking to the BS-1. BSCL shall, in particular but not limiting to, have the access to lines, junctions, trunks, terminating interface, processing hardware, and software of SGVC.
- c) SGVC shall have the right, with 24 hours prior notifications and permission from BSCL, to inspect the sites / locations of BSCL 's Uplinking Hub from where contents are being uplinked to the BS-1.

### 6.2 Conditions of Services

To facilitate provision of the Services by BSCL, each Party shall meet the following obligations:

- (a) SGVC shall procure at its own cost necessary clearance, license, and permission of Video Conferencing System but not limited to necessary approvals or otherwise from concern authority.
- (b) SGVC shall ensure that its utilization of the Services (and contents) are not and will not constitute a breach of any applicable laws, rules and regulations imposed by any governmental and regulatory authorities either in Bangladesh or in the countries where the obligation hereunder will be performed by SGVC including those governing the contents of programming of any television transmission that is transmitted by the SGVC. BSCL will not be responsible for the Contents which will be transmitted by BS-1 under this agreement.
- (c) BSCL shall ensure technology and standard compatible infrastructure, as specified in Annexure I, for providing uplinking Services to SGVC.
- (d) SGVC shall ensure delivery of the contents through backhaul and redundant fiber connectivity between SGVC and BSCL 's ground stations. SGVC shall provide the required Modulators, Switches, Routers etc. needed for the supply of L-Band signal to BSCL RF Equipment. BSCL shall ensure the RF uplink part.



বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)

ও

বাংলাদেশ বেতার-এর মধ্যকার বাণিজ্যিক চুক্তিপত্র।

## বিএসসিএল-এর কপি

স্মারক নং-১৪.৩৯.৫০০০.০০৩.৯৯.০৫০(অংশ-৩)২০-৩৬৫

তারিখ: ১৫ জুন ২০২৩ খ্রি:





গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

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**Contract Agreement  
for  
Bangabandhu Satellite-1 Transponder Segment Service  
No. 14.39.0000.003.99.050(Part-3).20-365**

This Agreement (hereinafter referred to as "Agreement") is made on 15<sup>th</sup> day of June, 2023 and shall become effective from 15<sup>th</sup> day of June, 2023 (hereinafter referred as "Effective Date") entered into on by and between:

**Bangladesh Satellite Company Limited**, (hereinafter referred to as "BSCL" and/or "First Party", which expression shall unless excluded by or repugnant to the context shall mean and include its legal representative, successor-in-interest, and permitted assigns), a company registered under the laws of the People's Republic of Bangladesh, having its principal business office at SEL Road-N-Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh, **FIRST PARTY**

**Bangladesh Betar**, (hereinafter referred to as the "Betar" and/ or "Second Party" and/or "Betar", which expression shall unless excluded by or repugnant to the context shall mean and include its legal representative, successor-in-interest, and permitted assigns), under the Ministry of Information, Government of The People's Republic of Bangladesh under the law of Bangladesh, having its registered office at 31 Syed Mahub Morshed Sarani, Sher-E-Bangla Nagar, Dhaka-1207, Bangladesh, **SECOND PARTY**.

BSCL and Betar are individually hereinafter referred to as a "Party" or collectively as the "Parties".

**WHEREAS**

- BSCL is the Satellite Transponder Segment Service provider of Bangabandhu Satellite-1 (BS-1). BSCL also provides television channel service for providing uplink to BS-1 service. It has available C-band and Ku-Band satellite capacity on Bangabandhu Satellite-1 for the purpose of providing service to Betar.
- Betar desires to obtain transponder segment on BS-1 for the purpose of broadcasting its program through BS-1 and to be obliged with the payment terms; and
- BSCL agrees to provide Betar such transponder segment and broadcasting services as per the following terms and conditions:

**WHEREAS**

- BSCL and the Customer are already under an agreement Bangabandhu Satellite-1 Transponder Segment Service Agreement No. 14.39.0000.003.99.050.19-107, date: 13<sup>th</sup> February 2020 (hereinafter referred to as the "Main Agreement") and using the digital channel service for the purpose of broadcasting Radio signal by Bangabandhu Satellite-1 and are now willing to make a new contract agreement and are obliged with the new payment conditions of this contract agreement.
- This Agreement will make the "Main Agreement" dated 13<sup>th</sup> February 2020 between BSCL and the Customer ineffective, null and void. Hence, considered as terminated by both the parties.

"দেশপ্রেমের শপথ দিন, দুর্নীতিকে বিদায় দিন"

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(iii) The Customer shall pay for the services received under A.2 of Table A below (1 MHz C-Band Frequency or equivalent Mega Bit Per Second (Mbps) for Dhaka DSNG) at the rate (BDT 300,000.00 MHz/ Month) mentioned in Table B of this agreement. This payment will be calculated from 1<sup>st</sup> of February 2022 at the agreed monthly rate.

(iv) The Customer within 90 (Ninety) days of the signing of this Agreement shall make payment of all outstanding amounts incurred as per the "Main Agreement" in BSCL designated bank account.

NOW, THEREFORE, BSCL and Betar, in consideration of the mutual covenants expressed herein, agree as follows:

**I. Capacity Requirement:**

Bangladesh Betar requires the capacity mentioned in the following table and BSCL also agrees to provide the capacity:

Table A:

Serial No:	Required Capacity or Service	Medium	Date of service commencement
<b>A</b>	<b>Transponder Segment</b>		
A.1	3 MHz C-Band Frequency or equivalent Mega Bit Per Second (Mbps)	BS-1 Satellite	15-February-2020
A.2	1 MHz C-Band Frequency or equivalent Mega Bit Per Second (Mbps) for Dhaka DSNG	BS-1 Satellite	01-February-2022
A.3	1 MHz C-Band Frequency or equivalent Mega Bit Per Second (Mbps) for Sylhet DSNG	BS-1 Satellite	08-May-2024
<b>B</b>	<b>Uplink Services</b>		
B.1	Transmission Service from Bangladesh Betar (Agargaon) to Sajeed Wajed Ground Station, Gazipur.	Optical Fiber	15-February-2020
B.2	Multiplexing, Modulation and Uplink	BSCL's Facility	15-February-2020
B.3	Transmission Service from Bangladesh Betar (Chattogram) to Sajeed Wajed Ground Station, Gazipur.	Optical Fiber	20-September-2020
B.4	Multiplexing, Modulation and Uplink	BSCL's Facility	20-September-2020

"দেশপ্রেমের শপথ নিন, দুর্নীতিকে বিদায় দিন"

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## 2. Pricing & Payment Information

2.1 The Price of the Services for the Required Capacity or Services of Betar are as follows:

Table B:

Serial No:	Service/ Satellite Transponder Description	Unit	Unit rate in BDT	Quantity	Total Per Month (BDT)
<b>A</b>	<b>Transponder Segment Charge</b>				
A.1	C-Band Bandwidth for Betar's Programmed Broadcast	MHz	300,000.00 (MHz/ Month)	3	9,00,000.00
A.2	1 MHz C-Band Frequency or equivalent Mega Bit Per Second (Mbps) for Dhaka DSNB	MHz	300,000.00 (MHz/ Month)	1	300,000.00
A.3	1 MHz C-Band Frequency or equivalent Mega Bit Per Second (Mbps) for Sylhet DSNB	MHz	300,000.00 (MHz/ Month)	1	300,000.00
<b>B</b>	<b>Uplink Charges</b>				
B.1	Transmission Service from Bangladesh Betar to Sajeeb Wajed Ground Station, Gazipur	6 Mbps	80,000.00 (Station/ Month)	1	80,000.00
B.2	Modulation and Uplink Charge (With redundant Facility)	Radio Channel	75,000.00 (Station/ Month)	1	75,000.00
B.3	Transmission Service from Bangladesh Betar (Chattogram) to Sajeeb Wajed Ground Station, Gazipur.	6 Mbps	80,000.00 (Station/ Month)	1	80,000.00
B.4	Multiplexing, Modulation and Uplink	Radio Channel	75,000.00 (Station/ Month)	1	75,000.00

Table 1: The Price of Bangladesh Satellite-1 Transponder Segment and Uplink Services for Bangladesh Betar

2.2 Betar will start using the services mentioned in A.1, A.2, B.1 & B.2 of Table B in clause no: 2.1, immediately after the effective date of the contract, therefore, the billing will start accordingly. Betar may release the Services mentioned in B.1 & B.2 of Table B in clause no: 2.1, after necessary technical preparation of his own transmission. Therefore, the billing of these services will be discarded when Betar releases the use the Services mentioned in B.1 & B.2 of Table B in clause no: 2.1.

“দেশপ্রেমের শপথ নিন, দুর্নীতিকে বিদায় দিন”





**Contract Agreement  
for  
Bangabandhu Satellite-1's**

**VSAT Broadband Service Agreement**

**Between**

**Bangladesh Satellite Company Limited (BSCL)**

**And**

**Signals Directorate of Bangladesh Army**

**Copy of BSCL**

**Ref: 14.39.0000.003.99.050(Part-3).20.416**

**Date: 22 June 2023**





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**Bangabandhu Satellite-1's VSAT Broadband Service Agreement  
No. 14.39.0000.003.99.050(Part-3).20.416**

This Bangabandhu Satellite-1's VSAT Broadband Service Agreement (the "Agreement") is made on this day of 22<sup>nd</sup> June, 2023 of the Christian era and effective from 01-July-2023 (hereinafter referred to "Effective Date").

**BANGLADESH SATELLITE COMPANY LIMITED**, is a public limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Managing Director** having its principal business office at SEL, Rose N Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh, hereinafter referred to as "BSCL." (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the BSCL).

.....**THE FIRST PARTY**

**AND**

**BANGLADESH ARMY** is a force of Bangladesh, represented by Signals Directorate, General Staff Branch, Army Headquarters having its registered office at Dhaka Cantonment, Dhaka-1206, Bangladesh, hereinafter referred to as the "**Customer**" or "**BD Army**" (which expression shall unless excluded by or repugnant to the context shall mean and include its legal representative, nominees, successor-in-interest, permitted assigns and legal heirs of the **Customer**).

.....**THE SECOND PARTY**

BSCL and CUSTOMER may be referred to individually as a "Party" and collectively as the "Parties".

**WHEREAS**

- Customer desires to use the satellite broadband service for the purpose of providing connectivity solutions to remote offices/locations of Bangladesh (the "**Territory**"); through BSCL's VSAT Hub & respective VSAT remote terminals.
- BSCL agrees to provide broadband service to Customer via the Bangabandhu Satellite-1 (the "**Satellite**"); and BSCL's VSAT Hub & respective VSAT remote terminals.
- BSCL agrees to provide its Spacegate VSAT Hub to BD Army for their exclusive use & will keep 17 Nos VSAT Terminals reserved for BD Army. BD Army will be notified once other client will be added to this Hub. New client addition will be documented accordingly.

**NOW, THEREFORE**, BSCL and Customer, in consideration of the mutual covenants expressed herein, agree as follows:

**"দেশপ্রেমের শপথ লিখ, দুর্নীতিকে বিদায় দিন"**

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Md. Sherful Islam  
N/A MOWMINS SENWAR 13th

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### SERVICE DESCRIPTION

#### 1. SERVICE

##### 1.1 Provision of Service

- 1.1.1 Customer agrees to utilize internet bandwidth through satellite provided by BSCL's VSAT Hub & respective remote terminals in the Territory, which shall be referred to as the "Service" and pay the Service Fee (the "Service Fee") to BSCL according to Clause 2 below (RATES AND TERMS OF SERVICE). To use the Service, Customer shall submit individual Request for Service activation (each an "RAF") to BSCL by using the form attached hereto as Appendix C. The Service activation per RAF shall be subject to the available bandwidth capacity and technical feasibility. BSCL's provision of the Service has included internet bandwidth on the Satellite, VSAT Hub Service and remote terminal rental, transportation, installation, Commissioning & maintenance services.
- 1.1.2 Satellite & Internet capacity will be allocated on pool basis for all BD Army VSAT. Individual VSAT terminals will get a 2 Mbps shared bandwidth from the pool. The pool bandwidth will be adjusted upon addition of more numbers of terminals.
- 1.1.3 Customer may use data connectivity between Army Base to BSCL's VSAT Hub station Gazipur where necessary Fiber connectivity & associated networking devices in BSCL's Hub station and remote sites location will be arranged and cost borne by the Customer.
- 1.1.4 The use of Service shall be restricted to the purposes stated in the Agreement and shall be within the Territory, other uses shall be prohibited and BSCL shall have right to forbid such uses or discontinue the Service.

##### 1.2 RESPONSE TIMES AND ESCALATION MATRIX

- 1.2.1 A classification is assigned to all the issues. This allows BSCL to prioritize the order in which issues are handled, ensuring that BSCL meets the expectations of BD ARMY. This fault classification is closely tied with the escalation procedure to ensure that the response is appropriate to the severity of the incident. There are three defined classifications and response times:

“দেশপ্রেমের শপথ নিল, দুর্নীতিকে বিদায় দিন”



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Md. Shaikh Salman  
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Severity Level	General Evaluation Criteria	Within Dhaka		Outside Dhaka	
		Response Time in Work days	Response Time in Holidays	Response Time in Work days	Response Time in Holidays
High	A problem that critically effects on the ability of doing regular business.	8 Hours	12 Hours	8 Hours + Travel Time	12 Hours + Travel Time
Medium	Any component fails and the application is giving alert message. And some specific function does not working	12 Hours	24 Hours	12 Hours + Travel Time	24 Hours + Travel Time
Low	The application is having minor issue. Insignificant error is posted and Application is not affected at all. Users are able to work.	24 Hours	48 Hours	24 Hours + Travel Time	48 Hours + Travel Time

Table 1 - General guideline for Event Classification & Response Times

1.2.2 Process begins with the Second Party call-in of the technical or any breakdown situation issues for which 1<sup>st</sup> Party is responsible which doesn't include power outage at the site, physical disconnection, access restriction etc. A trouble ticket will be logged and collect necessary technical information with CUSTOMER to understand of the event occurring. Subject to the event, the resolutions that are being taken can be assigning engineer to onsite, or solve the event through phone support.

1.2.3 The following are the individual contact list should CUSTOMER need to contact for relevant support team directly in case of emergency.

Official from BSCL	Official from BD ARMY
Customer Support, BSCL Ground station Email: support@bscl.com.bd Cell: +8801844525050	VSAT Hub Station Email: armysatcom@army.mil.bd Phone: 028711111-8017
Asif Ahmed Khan, Manager, Operations E-mail: asif@bscl.com.bd Cell: +8801711081607	General Staff Officer - Grade 1 (Signal-4) Email: sigdtr.gso1sig4@army.mil.bd Cell: +8801769012348
Md. Shaikh Salman, Manager, Operations E-mail: shalsh@bscl.com.bd Cell: +8801551247734	General Staff Officer - Grade 2 (Signal-2) Email: sigdtr.gso2sig2@army.mil.bd Cell: +8801769012352
Hamed Hasan Muhammad Mohiuddin, Manager, Govt. Sector Sales E-mail: hamed.mohiuddin@bscl.com.bd Cell: +8801817181310	Commanding Officer, Adhoc SATCOM Unit Email: armysatcomsig.co@army.mil.bd Cell: +8801769013314

Table 2 - Individual Support Contact List

“দেশপ্রেমের শপথ নিন, দুর্নীতিকে বিদায় দিন”



**Contract Agreement  
for  
Bangabandhu Satellite-1's  
Link (ATM/Branch/Sub Branch)**

**Between**

**Bangladesh Satellite Company Limited (BSCL)**

**And**

**UNITED COMMERCIAL Bank PLC (UCB)**

**Copy of UNITED COMMERCIAL Bank PLC (UCB)**

**Ref: 14.39.0000.003.99.050(Part-3).20.423**

**Date: 26 June 2023**



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

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Md. Shafiqul Islam  
[Signature]

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## Bangabandhu Satellite-1 Link (ATM/Branch/Sub Branch)

### Service Level Agreement (SLA)

No. 14.39.0000.003.99.050(Part-3).20.423

This Bangabandhu Satellite-1 Link (ATM/Branch/Sub Branch) Service Agreement (the "Agreement") is made on 26 June 2023 (Effective Date) by and between:

- I. **BANGLADESH SATELLITE COMPANY LIMITED**, is a public limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Managing Director** having its principal business office at SEL Rose N Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh; hereinafter referred to as "BSCL" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the BSCL).

.....THE FIRST PARTY

AND

- II. **UNITED COMMERCIAL BANK PLC(UCB)** a banking company incorporated in Bangladesh with limited liability under the Companies Act, 1994, represented by its **Deputy Managing Director** having its principal business office at Bulus Center, Plot - CWS- (A)-1, Road No - 34, Gulshan Avenue, Dhaka-1212, Bangladesh hereinafter referred to as the "CUSTOMER" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the CUSTOMER).

.....THE SECOND PARTY

BSCL and CUSTOMER may be referred to individually as a "Party" and collectively as the "Parties".

#### WHEREAS

- (a) Customer desires to use the satellite broadband service for the purpose of providing connectivity solutions ATM source of Bangladesh (the "Territory"); and
- (b) BSCL agrees to provide the Bangabandhu Satellite-1 broadband service to Customer via the Bangabandhu Satellite-1 (the "Satellite"); and

**NOW, THEREFORE**, BSCL and Customer, in consideration of the mutual covenants expressed herein, agree as follows:

"দেশপ্রেমের শপথ বিন, দুর্নীতিকে বিদায় দিন"





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Md. Shariful Islam  
Signature

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**SERVICE DESCRIPTION**

**1. SERVICE**

**1.1. Provision of Service**

1.1.1. Customer agrees to utilize part of the digital bandwidth capacity of the satellite provided by BSL in the Territory, which shall be referred to as the "Service" and pay the Service Fee (the "Service Fee") to BSL according to Clause 2 below (RATES AND TERMS OF SERVICE). To use the Service, Customer shall submit individual Request for Service activation (each an "RAF") to BSL by using the form attached hereto as Appendix C. The Service activation per RAF shall be subject to the available bandwidth capacity and technical feasibility. BSL's provision of the Service has included bandwidth on the Satellite, Gateway Service. Customer acknowledges that Internet backbone service is not provided under this Agreement.

1.1.2. The use of Service shall be restricted to the purposes stated in the Agreement and shall be within the Territory, other uses shall be prohibited and BSL shall have right to forbid such uses or discontinue the Service.

**1.2 Response times and escalation matrix**

1.2.1. A classification is assigned to all the issues. This allows BSL to prioritize the order in which issues are handled, ensuring that BSL meets the expectations of UCB. This fault classification is closely tied with the escalation procedure to ensure that the response is appropriate to the severity of the incident. There are three defined classifications and response times:

Severity Level	General Evaluation Criteria	Within Dhaka		Outside Dhaka	
		Response Time in Work days	Response Time in Holidays	Response Time in Work days	Response Time in Holidays
High	A problem that critically effects on the ability of doing regular business.	5 Hours	8 Hours	5 Hours + Travel Time	8 Hours + Travel Time
Medium	Any component fails and the application is giving alert message. And some specific function does not working.	8 Hours	10 Hours	8 Hours+ Travel Time	10 Hours+ Travel Time
Low	The application is having minor issue. Insignificant error is posted and Application is not affected at all. Users are able to work.	10 Hours	24 Hours	10 Hours+ Travel Time	24 Hours+ Travel Time

**Table 1 - General guideline for Event Classification & Response Times**

1.2.2 Process begins with the Second Party call-in of the technical or any breakdown situation issues for which 1<sup>st</sup> Party is responsible which doesn't include power outage at the site, physical disconnection, access restriction etc. A trouble ticket will be logged and collect necessary technical information with CUSTOMER to understand of the event occurring. Subject to the event, the resolutions that are being taken can be assigning engineer to onsite, or solve the event through phone support.

“দেশবন্ধুকে শ্রদ্ধা মিন, দুর্নীতিকে বিদায় দিন”

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

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Md. Shaikh Salman  
 Md. Shaikh Salman

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1.2.3 The following are the individual contact list should CUSTOMER need to contact for relevant support team directly in case of emergency.

Official from BSCL	Official from UCB ICT
Customer Support, BSCL Ground station Email: support@bscl.com.bd Cell : +8801844525050	Md. Mehedi Hasan, Executive Officer E-mail: mehedi.h@ucb.com.bd Cell : + 8801682464010
Asif Ahmed Khan, Manager, Operations E-mail: asif@bscl.com.bd Cell : +8801711081007	AKM Mesbah Liddin, Vice President E-mail: m.mesbah@ucb.com.bd Cell : +88 01714115038
Md. Shaikh Salman, Manager, Operations E-mail: shaikh@bscl.com.bd Cell : +8801551247734	A S M Naushad Alam, First Vice President & Head of Network E-mail: naushad.alam@ucb.com.bd Cell : + 8801714167402
Asad Bin Yusuf, Manager, Non Govt. Sector Sales E-mail: asad.yusuf@bscl.com.bd Cell : +8801711084264	

Table 2 - Individual Support Contact List

2. RATES AND TERM OF SERVICE

2.1 The Service Fee shall be in accordance with the following table:

Bangladesh Satellite-1 Link (ATM/Branch/Sub Branch/Sky Care Center) Service				
Bandwidth: 128 Kbps		Service fee: Onetime: 15000 BDT per connectivity & Monthly: 9000 BDT per connectivity (Without VAT)		
Service Fee Breakdown:				
SN	Service Description	Unit	Service fee (BDT)	Remarks
1	Site Survey	01 Lot	5000/-	One time
2	VSAT Installation	01 Lot	10000/-	
Total Onetime Charge Per Connectivity			15000/-	Fifteen Thousand Taka Only
3	VSAT Service Charge	01 Lot	9000/-	Monthly
Total Monthly Charge Per Connectivity			9000/-	Nine Thousand Taka Only

Remark:

- Service Fee is in BDT
- The term of the Service or service period shall be as specified in the RAF(s).

2.2 Customer is required to submit the RAF and/or new RAF at least fourteen (14) days prior to the start date of the first Service utilization and/or upgrading change in order for BSCL to identify the required incremental Service. BSCL shall use its best effort to arrange the Service to accommodate Customer's new requirement for the use of incremental Service. For avoidance of doubt, the newer RAF replaces the older RAF, and the newer RAF takes effect on the start date specified in such RAF.

“দেশপ্রেমের শপথ নিন, দুর্নীতিকে বিদায় দিন”





**Bangabandhu Satellite-1's VSAT Link Service Agreement**

**Bangladesh Satellite Company Limited (BSCL)**

ও

**RAMU BGB**

-এর মধ্যকার স্বাক্ষরিত বাণিজ্যিক চুক্তিপত্র।

**রামু বিজিবি-এর কপি**

স্মারক নং-১৪.৩৯.০০০০.০০৩.১৯.০৪০(বেংগ-১).১০-৫৪৩

তারিখ: ১৪ আগস্ট ২০২০ খ্রি:







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**Bangabandhu Satellite-1's VSAT Link Service Agreement**  
No. 14.39.0000.003.99.050(Part-3).20-543

This Bangabandhu Satellite-1's VSAT Link Service Agreement (the "Agreement") made 24 August 2023 and shall become effective from 01 September 2023 by and between:

- I. **Bangladesh Satellite Company Limited**, is a public limited company incorporated under the Companies Act (Act XVIII) of 1994 of Bangladesh, represented by its **Dr. Shahjahan Mahmood, Chairman & CEO** having its principal business office at SEL Rose N Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh, hereinafter referred to as "BSCL" (Which expression, unless repugnant to or excluded by the context, shall mean and include its assigns, substitutes, attorneys, representatives, nominees, legal heirs of the BSCL).

.....**THE FIRST PARTY**

**AND**

- II. **RAMU BGB under Border Guard Bangladesh**, established under the Border Guard Act, 2010 having its Head office at Peelkhana, Dhaka represented by its **DG, Border Guard Bangladesh**, hereinafter referred to as **'RAMU BGB' or 'Second Party' or 'CUSTOMER'**, (which expression shall, unless excluded by or repugnant to the context or meaning thereof, mean and include its executors, successors-in-interest, assignees or legal representatives) of the **CUSTOMER**.

.....**THE SECOND PARTY**

(The First Party and the Second Party hereinafter collectively referred to as "Parties" and individually as "Party")

**WHEREAS**

- (a) Customer desires to use the satellite VSAT service for the purpose of providing connectivity solutions to BGB BOP of Bangladesh (the "Territory"), and  
(b) BSCL agrees to provide the connectivity service to Customer via the Bangabandhu Satellite-1 (the "Satellite"); and

**NOW, THEREFORE**, BSCL and Customer, in consideration of the mutual covenants expressed herein, agree as follows:

“দেশহোমের শপথ মিন, দুনীতিকে বিদায় দিন”



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### SERVICE DESCRIPTION

#### **1. SERVICE**

##### **1.1 Provision of Service:**

1.1.1 Customer agrees to utilize part of the digital bandwidth capacity of the satellite provided by BSCL in the Territory, which shall be referred to as the "Service" and pay the Service Fee (the "Service Fee") to BSCL according to Clause 2 below (RATES AND TERMS OF SERVICE). To use the Service, Customer shall submit individual Request for Service activation (each an "RAF") to BSCL by using the form attached hereto as Appendix C. The Service activation per RAF shall be subject to the available bandwidth capacity and technical feasibility. BSCL's provision of the Service has included bandwidth on the Satellite, Gateway Service.

1.1.2 The use of Service shall be restricted to the purposes stated in the Agreement and shall be within the Territory, other uses shall be prohibited and BSCL shall have right to forbid such uses or discontinue the Service. At the same time Ramu Battalion shall have right to forbid such uses or discard the service.

#### **1.2 RESPONSE TIMES AND ESCALATION MATRIX**

1.2.1 A classification is assigned to all the issues. This allows BSCL to prioritize the order in which issues are handled, ensuring that BSCL meets the expectations of HGB. This fault classification is closely tied with the escalation procedure to ensure that the response is appropriate to the severity of the incident. There are three defined classifications and response times:

"দেহপ্রেমের শপথ নিল, দুর্নীতিকে বিদায় দিল"



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Handwritten signatures and initials, including a large signature and the letters 'H'.

Severity Level	General Evaluation Criteria	BGB	
		Response Time in Work days	Response Time in Holidays
High	A problem that critically effects on the ability of doing regular business.	12 Hours + Travel Time	24 Hours + Travel Time
Medium	Any component fails and the application is giving alert message. And some specific function does not working.	18 Hours+ Travel Time	24 Hours+ Travel Time
Low	The application is having minor issue. Insignificant error is posted and Application is not affected at all. Users are able to work.	24 Hours+ Travel Time	24 Hours+ Travel Time

Table 1 - General guideline for Event Classification & Response Times

1.2.2 Process begins with the Second Party call-in of the technical or any breakdown situation issues for which 1<sup>st</sup> Party is responsible which doesn't include power outage at the site, physical disconnection, access restriction etc. A trouble ticket will be logged and collect necessary technical information with CUSTOMER to understand of the event occurring. Subject to the event, the resolutions that are being taken can be assigning engineer to onsite, or solve the event through phone support.

1.2.3 The following are the individual contact list should CUSTOMER need to contact for relevant support team directly in case of emergency.

Official from BSCL	Official from RAMU BGB
Manager (Govt. Sector Sales) or his/her superior. Phone: 01817181319 E-mail: <a href="mailto:haened.rosolhaddin@bscl.com.bd">haened.rosolhaddin@bscl.com.bd</a> SEL Rose N Dale (Level 7 & 8), 116 Kazi Nazrul Islam Avenue, Dhaka 1205, Bangladesh	Director, Ramu Battalion (30 BGB) Ramu, Cox's Bazar. Phone: 01769-601140

Table 2 - Individual Support Contact List

“দেশপ্রেমের শপথ দিন, দুর্নীতিকে বিদায় দিন”



## 2. RATES AND TERM OF SERVICE

2.1 The Service Fee shall be in accordance with the following table:

Bangabandhu Satellite-1 VSAT Link Service				
Bandwidth: 128 Kbps (Voice Telephony)		Service fee: Monthly: 9000 BDT		
Service Fee Breakdown:				
SN	Service Description	Unit	Service fee (BDT)	Remarks
1	VSAT Service Charge	01 Lot	9000/-	Monthly
Monthly Charge			9000/-	Nine Thousand Only

2.2 VSAT equipment installation cost: This installation charge will not be applicable if BGD install the VSAT terminal with their own resources.

Description	One Time Installation Cost in BDT (Per terminal)
One VSAT equipment installation (includes Survey, local transportation, installation, testing & commissioning.)	25,000/-

2.3 Customer is required to submit the RAF and/or new RAF at least fourteen (14) days prior to the start date of the first Service utilization and/or upgrading change in order for BSCL to identify the required incremental Service. BSCL shall use its best effort to arrange the Service to accommodate Customer's new requirement for the use of incremental Service. For avoidance of doubt, the newer RAF replaces the older RAF, and the newer RAF takes effect on the start date specified in such RAF.

2.4 In consideration of the provision of the Services by BSCL hereunder and under the RAF(s), Customer shall pay BSCL the Service Fee as set forth in each applicable RAF and according to Clause 2 of the General Terms and Conditions.

### 3. VALIDITY OF THE CONTRACT

3.1 This initial validity of the Contract will be for 5 years from the effective date of the Contract. This validity period may be extended for further period/periods, on mutual agreement. However, the Contract will be deemed to be renewed automatically until or unless the Contract is terminated. The price may be reviewed after each 05 (Five) years (if this Contract is extended) on mutual agreement between the parties.

3.2 The Service Period shall be Five (5) years commencing from 01 September 2023 (the "Commencement Date") until 31 August 2028.

### 4. PAYMENT OF CHARGES

4.1 Service Fee begins on the first day Service starts pursuant to Clause 2 of the SERVICE DESCRIPTION (RATES AND TERM OF SERVICE) and continues through the last day Service is provided. For Partial-month Service, BSCL calculates daily rates using a thirty (30) day month and bills Customer in one (1) day increments for each day Service is provided.

4.2 Unless otherwise stated in the RAF(s), Service Fee shall be paid to BSCL on a monthly basis in advance on or before the beginning of each month. Service Fee will be billed to the Customer at least fifteen (15) days before the due date of payment or as soon as is practicable prior to the start of Service in the event Service begins at some time other than the first day of the month. Payment for Service is due from Customer to BSCL as specified on BSCL's invoices. Payment of Service Fee is the sole responsibility of Customer and is not dependent on Customer's receipt of payment or funding from any third party.

4.3 Service may be discontinued for nonpayment of a bill fifteen (15) days beyond notice from BSCL to Customer of payment past due. All payments by Customer to BSCL shall be: (i) made in BDT, (ii) considered paid upon receipt of collected funds by BSCL, and (iii) made via electronic funds transfer to the bank account designated by BSCL in the payment instructions which accompany all BSCL invoices. Any and all fees associated with the payment of the bill are the responsibility of the Customer. All payments and/or obligations under this contract agreement shall be remitted in BDT via any financial instrument (EFT, A/C Payee Cheque, Pay Order etc.) to BSCL's account. BSCL will not collect any A/C Payee Cheque, Pay Order from the customer premises.

- 4.4 In case of capacity increment or reduction, BSCL will share an updated payment schedule which will be treated as a part of agreement (Appendix C).
- 4.5 BSCL will issue monthly invoice to Customer on any working day the first week of the Service Month. Customer will pay within 10th calendar day of the following month of the service period. If customer failed to deposit the payment within such time period mentioned within the invoice, BSCL may terminate this agreement with a written notice of 15 days.
- 4.6 Any amount incurred but not included in the previous payment shall be included in the following payment receipt/Ramu BN.
- 4.7 BSCL will issue a monthly invoice to the Customer and corresponding payment schedule will be activated upon receiving the invoice from BSCL.
- 4.8 The invoice will reflect applicable VAT, TAX and other duties as per Government rules and regulation. (Such as VAT will be made payable by the Customer only)

## 5. SEVERABILITY

- 5.1 If any provision of this Agreement is held invalid, illegal or unenforceable for any reason, including by judgment of, or interpretation of relevant law, by any Court of competent jurisdiction, the continuation in full force and effect of the remainder of them shall not be prejudiced.

## 6. ENTIRE AGREEMENT

This Agreement together with the Appendixes hereto constitutes the entire understanding between the parties relating to the subject matter of this Agreement and, save as may be expressly referred to or referenced herein, supersedes all prior representations, writings, negotiations or understandings between the parties.

Each party represents that it has caused this Agreement to be executed on its behalf by a representative empowered to bind that parties with respect to the undertaking or obligations contained herein.

i.	Agreement	:	Service Description,
ii.	Appendix A	:	General Terms and Conditions,
iii.	Appendix B	:	Request for Bangabandhu Satellite-I Link Service Activation Form (RAF)
iv.	Appendix C	:	Payment Schedule
v.	Appendix D	:	List of equipment per site
vi.	Appendix E	:	Current Location

## 7. WAIVER

No failure or delay by either party in exercising any of its right, power or privilege under this Agreement shall operate as a waiver of such right, power or privilege, nor shall any single or partial exercise of any right, power or privilege preclude any other or further exercise thereof or the exercise of any other right, power or privilege. No waiver of any right or of any breach of any Agreement term will be deemed to be a waiver of any other right or of any later breach.

## 8. ARBITRATION

Any dispute arising from the interpretation or from any matter relating to the performance of this Agreement or relating to any right or obligation herein contained which cannot be resolved by the parties within thirty (30) days from the date of the dispute (the written notice specifying the nature and details of the dispute is received by one party from the other party), shall be finally and exclusively referred to and resolved by the arbitration in accordance with Arbitration Act, 2001 (the "Arbitration"). The place of Arbitration shall be in Dhaka. The Arbitration shall be held in English, and the award of Arbitration shall be final and binding upon the parties. Notwithstanding the foregoing, either Party may file with the competent court a provisional attachment or injunction procedure for the purpose of securing the enforcement of the award or obtaining continuous Services under as contemplated under this Agreement.

## 9. REMEDIES

Either Party may exercise the following remedies in case of breach of Agreement by the other Party.

- 9.1 Each of the Parties hereto acknowledges and agrees that, in the event of any breach of any covenant or agreement contained in this Agreement by the other party, money damages may be inadequate with respect to any such breach and the non-breaching party may have an adequate remedy at law. It is accordingly agreed that each of the parties hereto shall be entitled, in addition to any other remedy to which they may be entitled at law or in equity,

to seek injunctive relief and/or to compel specific performance to prevent breaches by the other party hereto of any covenant or agreement of such other Party contained in this Agreement.

9.2 Exercise any other remedies as permitted under applicable laws.

## 10. INDEMNIFICATION

10.1 BSCL shall indemnify, defend and hold CUSTOMER harmless from claims, demands and causes of action asserted against CUSTOMER by any person (including without limitation, BSCL's Employee, subcontractors and employees of such subcontractors or any third party) for personal injury or death or for loss of or damage to property resulting from the BSCL's negligence or willful misconduct hereunder.

10.2 BSCL shall ensure that its Up-linking Hub shall, at all material time, conform to the specifications given in this Agreement and shall have constant signal level across Bangladesh as per permissible signal intensity & strengths. Any outage or degraded signal quality and non-conformance of technical specifications caused by any mean apart from the reasons specified in Clause nos. 10 and 11.1, will be treated as failure and as a result, BSCL shall be liable to compensate CUSTOMER for its loss caused due to the degraded signal quality (ies) and/or non-conformance of technical specifications.

10.3 CUSTOMER and BSCL shall indemnify and hold each other harmless from any loss or damage suffered by other party accruing or arising out of violation of any act, commission or violation by the parties of any laws, regulations, and policies of the Government of Bangladesh.

## 11. GOVERNING LAW, JURISDICTION AND DISPUTE RESOLUTION

11.1 This Agreement shall be governed by and construed, governed and interpreted in accordance with the laws of Bangladesh with courts of Dhaka having exclusive jurisdiction over it.

11.2 Any changes in this Agreement will be done only on a mutually agreed basis and documented accordingly.

11.3 It is recognized by the parties that both BSCL and CUSTOMER have to conform to the License granted by the applicable authorities and the parties therefore, agree that this Agreement will be deemed to be made subject to the terms and conditions of the said license and any modifications made thereto by the Government from time to time as also the statutory provisions contained in the relevant Broadcasting Laws amended from time to time. The parties agree to suitably amend this Agreement in order to fully conform to the said statutory provisions and the terms and conditions of the said License, to the extent necessary as amended from time to time. Accordingly, both parties agree to put their best endeavors to abide by the terms and conditions of the said license and/or any Rules/ Modification(s)/ Directions issued in connection with rendering of such services by BSCL and receiving the same by the CUSTOMER.

## 12. REPRESENTATIONS AND WARRANTIES

Both Parties acknowledges and warrants and represents to each other that:

12.1 Each Party is duly incorporated and validly existing under the laws of Bangladesh and has the power in own its own assets and to conduct the business which it conducts and/or proposes to conduct;

12.2 Each Party has power under its constitution to enter into this Agreement, to exercise its rights and perform its obligations pursuant to the said Agreement and all corporate or other action required to authorize the execution and performance by the each party of its obligations thereunder has been duly taken, including the obtaining of all consents or approvals of, or exemptions by, any state, governmental or public bodies and authorities required in Bangladesh ("authorizations") in connection with the acceptance by the each Party of the terms and conditions of this Agreement and all obligations to be performed thereunder.

12.3 The signing and delivery of this Agreement and the performance of the said Agreement will not

12.3.1 contravene or constitute a default under any provision contained in any agreement, instrument, law, judgement, order, license, permit or consent by which each Party or any of its assets is bound or affected, or

12.3.2 cause any limitation on it or the powers of its directors (whether imposed by any of its constitutional documents or by any law, order, judgement, agreement, instrument or otherwise) to be exceeded.



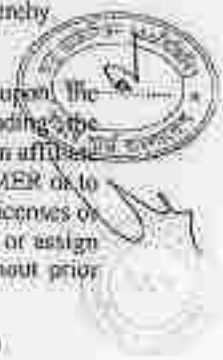
- 12.3 obligate each Party to create or result in the existence of any encumbrance over any of its assets or result in any breach of any law, order, judgment or agreement;
- 12.4 All acts, conditions and things required by the law of Bangladesh to be carried out, fulfilled and performed in order to ensure that the obligations of each Party contained in this Agreement are legal, valid and enforceable;
- 12.5 Each Party has all the necessary rights, encumbrances, licenses and interests to enable it to operate the Business which are valid and operative;
- 12.6 No event has occurred which constitutes, or which with the giving of notice and/or the lapse of time and/or a relevant determination would constitute, a continuation of, or default under, any agreement or instrument by which each Party or any of its assets is bound or affected which might either have a material adverse effect on the business, assets or condition of each Party or materially and adversely affect its ability to observe or perform its obligations hereunder;
- 12.7 No litigation, arbitration or administrative proceeding or claim which might by itself or together with any other such proceedings or claims either have a material adverse effect on its business, assets or condition or materially and adversely affect its ability to observe or perform its obligation under this Agreement, is presently in progress or pending or, to the best of the knowledge, information and belief of each Party, threatened against each Party or any of its assets;
- 12.8 All necessary returns have been delivered by or on behalf of each Party to the relevant taxation authorities, each Party is not in default in the payment of any taxes of a material amount, and no material claim is being asserted with respect to taxes;
- 12.9 The information circulated by one Party at the request of another Party in connection with this Agreement do not contain any untrue statement or omit to state any fact the omission of which makes the statements therein misleading, in the light of the circumstances under which they were made, misleading and all expressions of expectation, intention, belief and opinion therein were honestly made on reasonable grounds after due and careful enquiry by each Party;
- 12.10 To each Party's knowledge no legal proceedings has commenced or is threatened against each Party for its winding up, dissolution or reorganization or for the appointment of a receiver, administrator, trustee or similar officer to each Party or any or all its assets and undertaking;
- 12.11 One Party has disclosed fully in writing to the other Party all facts relating to it which it knows or should reasonably know, and which are material for disclosure to another party in the context of this Agreement. The representations and warranties in this clause shall be deemed to be repeated, updated at each such date from the date of signing till the expiry of this Agreement;
- 12.12 Correspondence shall be delivered by registered mail signed by an authorized representative of the sending party, or by e-mail or facsimile or delivered personally to the addressee established in this clause or at such address as the recipient may case by case have notified to the other party hereto. Any correspondence shall be confirmed by the receiving party if so, requested by the sending party without undue delay.

### 13. FORCE MAJEURE

- 13.1 Failure on the part of either party to perform any of its obligations set forth in this Agreement will not be deemed to be a breach of the Agreement to the extent that such failure arises from force majeure as soon as possible after the occurrence;
- 13.2 Any party hereto who fails because of force majeure to perform its obligations hereunder will upon the cessation of force majeure, take all reasonable steps within its power to resume with the least possible delay compliance with its obligations;
- 13.3 Force Majeure shall include any civil commotion, strike, 'hartal', government action, lockout, accident, epidemic or any other event of any nature or kind whatsoever beyond the control of the parties that directly or indirectly hinders or prevents the parties from commencing or proceeding with consummation of the transactions contemplated hereby.

### 14. ASSIGNMENT of the contract

The terms and provisions hereof shall inure to the benefit of, and be binding upon, the Parties and their respective permitted successors and assigns. Notwithstanding the foregoing, CUSTOMER may assign this Agreement, upon notice to BSCL to: (i) an affiliate of Company, or (ii) a purchaser of all or substantially all of the assets of CUSTOMER or to a purchaser of the rights of a product, if CUSTOMER or its affiliate divests, out-licenses or otherwise disposes of its assets. BSCL shall not be able to subcontract, delegate or assign any of its rights or obligations under the Agreement to any of its affiliates without prior approval of CUSTOMER.



This Agreement cannot be changed or modified except in writing signed by Authorized Signatory of the both Parties.

#### 15. RELATIONSHIP WITH PARTIES

The parties are independent contractors under this Agreement and shall not be construed as partner, agent or employee of the other.

#### 16. WAIVER OF RULE OF CONSTRUCTION

Each party has had the opportunity to consult with counsel in connection with the review, drafting and negotiation of this agreement. Accordingly, the rule of construction that any ambiguity in this agreement shall be construed against the drafting party shall not apply.

#### 17. PAYMENT INSTRUCTIONS

17.1 All payments and/or obligations under this contract agreement shall be remitted in BOT via any financial instrument (EFT, A/C Payee Cheque, Pay Order etc.) to BSCL's account. BSCL will not collect any A/C Payee Cheque, Pay Order from the customer premises.

17.2 Payment information is detailed in the payment instructions which accompany all BSCL invoices. To ensure accuracy, Customer should include with all payments its BSCL account number and the invoice number for which payment is being made. All payments due hereunder shall be remitted in BOT via any financial instrument (EFT, A/C Payee Cheque, Pay Order etc.) as follows:

Beneficiary Name	::	Bangladesh Satellite Company Limited Collection Account
Bank Name	::	Sonali Bank Limited
Branch	::	Hotel Intercontinental Corporate Branch
Account No	::	44255-03000049
Routing No	::	200271639
SWIFT Code	::	BSGNBD0H
Address	::	Minto Road, Kazi Nazrul Islam Avenue, Dhaka

#### 18. NOTICES

18.1 All notices, demands, requests, or other communications which may be or are required to be given, served, or sent by one party to the other party pursuant to this Agreement (except as otherwise specifically provided in this Agreement) shall be in writing and shall be delivered by confirmed facsimile, confirmed overnight mail, by hand or mailed by first-class, registered or certified mail, return receipt requested, postage prepaid, addressed as follows:

(i) If to CUSTOMER: Ramu Battalion(30 BGB)  
Ramu, Cox's Bazar

Attention: Director,  
Ramu Battalion(30 BGB)  
Ramu, Cox's Bazar,  
Phone: 01769-601140

(ii) If to BSCL: Bangladesh Satellite Company Limited  
SEL, Rose-N-Dale (Level 7 & 8), 116 Kazi Nazrul Islam  
Avenue, Dhaka 1205, Bangladesh  
Attention: Managing Director  
Phone: +880241030091-92  
Fax: +880241030093  
E-mail: [mail@bscl.com.bd](mailto:mail@bscl.com.bd)

18.2 In case of further amendments required to be added in the future before the expiration of this Agreement, the FIRST PARTY and the SECOND PARTY can give Written Notices and the new terms of can be finalized with such counterpart and cross notices of the representatives of the FIRST PARTY and the SECOND PARTY, hence, if both the parties agree to such new terms in the future, it will consider to be valid and constitute further terms to will form an integral part of this Agreement.

18.3 Either party may designate by notice in writing a new address or addressee, to which any notice, demand, request, or communication may thereafter be so given, served or sent. Each notice, demand, request, or communication shall be deemed sufficiently given, served or sent for all purposes three (3) days after depositing such notice in the mail, or one (1) day after delivery to a nationally recognized overnight courier for overnight delivery if such notice is properly addressed and the appropriate fee is prepaid, and the same day as hand delivered or faxed with confirmation.

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**NOW THEREFORE**, this Agreement is made in two (2) originals. The parties hereto have entered into this Agreement, as of the date first written above, and agree to the terms and conditions set forth herein. The parties hereby caused this Agreement to be signed by their duly authorized representatives with their seals (if any) affixed.

The Parties state that the Agreement and its annexures hereto, which form an integral part of the Agreement, constitute the entire agreement between the parties in respect of the subject matter hereof. The Agreement supersedes all prior correspondence whether verbal or written, communication and documents whether signed or not by the parties prior to entering into the Agreement.

**IN WITNESSES WHEREOF**, The parties hereto set and subscribed their respective hands on the day month and year first above writing.

**SIGNATURE, NAME AND DESCRIPTION OF WITNESSES:**

For and on behalf of:  
Bangladesh Satellite Company Limited

For and on behalf of:  
Boarder Guard Bangladesh, Ramu.

**Dr. Shahjahan Mahmood**  
Chairman & CEO

SEAL & SIGNATURE OF CUSTOMER  
Date: 24.08.2023

**Director**  
Ramu Battalion (308GB)

SEAL & SIGNATURE OF FIRST PARTY  
Date: 24.08.2023

In the presence of

01. **Shah Armedul Kabir**  
General Manager (Sales & Marketing)  
Date: 24.08.2023

In the presence of

01. **Assistant Director**  
Date: 24.08.2023

02. **H.H.M. Mohiuddin**  
Manager (Govt. Sector Sales)  
Date: 24.08.2023

02. **N/SUB Signal**  
Date: 24.08.2023





3/2012

**APPENDIX A: GENERAL TERMS AND CONDITIONS  
CONCERNING THE BANGABANDHU SATELLITE-1  
BROADBAND SERVICE**

**1. WARRANTY EXCLUSIONS**

BSCL will perform the service described in this agreement, including any applicable R.F. in accordance with generally accepted industry standards and scope of Bangabandhu satellite-1 service. Except as expressly provided in the previous sentence, BCL neither makes nor gives any warranty, express or implied, and specifically disclaims any warranty of merchantability or fitness for a particular purpose.

**2. TAXES**

5.1 Any and all payments by Customer to BSCL hereunder shall be made free and clear of and without deduction or withholding for any and all taxes, charges, levies, duties, usage or spectrum fees which may be asserted by any local, state, or national governmental entity or bank as a result of the utilization of the Service by Customer, and payments and other obligations under this Agreement, imposed by the governmental authority(ies) of Bangladesh or of any countries or jurisdiction to which Customer or the performance of obligations hereunder by Customer are subject.

5.2 Customer shall be financially responsible for paying all such taxes relating to the Services or to amounts payable by Customer to BSCL, whether or not such taxes are actually charged or separately stated by BSCL.

**3. OUTAGE**

3.1 The outage period (the "Outage Period") starts when an interruption of the Service is reported by Customer to BSCL's designated customer service center and BSCL has verified and confirmed for such interruption; and ends when the Service is resumed to Customer.

3.2 The following events, including without limitation, shall not be considered as a Creditable Outage:

- (a) Any outage which is the result of, or attributable, in whole or in part, to the fault or negligence of Customer or any person acting on Customer's behalf or being under Customer's control;
- (b) Any outage or interruption of service of Customer's link due to any fault, defects or damages of the user terminal equipment;
- (c) Interference, rain outage, sun outage, any and all of which occur on the Satellite network, and other events beyond the reasonable control of BSCL;
- (d) BSCL's service maintenance or preemptive action, in order to protect the overall health and performance of the Satellite and/or the Service;
- (e) Any outage that is the result of Force Majeure as set forth in Clause 7.4 of the General Terms and Conditions.

3.3 BSCL may, at its sole discretion, deliberately preempt or interrupt Customer's utilization of the Service, in order to protect the overall health and performance of the Satellite and/or the Service. Customer shall immediately cease any transmission to the Satellite at such time as its utilization of the Service is preempted or interrupted pursuant to this Clause.

**4. LIMITATION OF LIABILITY**

4.1 BSCL is not liable for damages associated with service, channels, or equipment that it does not furnish.

4.2 BSCL, its directors, employees, agents and subcontractors of all of them shall be indemnified, defended, and held harmless by customer against all claims, losses, or damages if such claims, losses, or damages: (i) result from the use of Service furnished pursuant to this Agreement, and (ii) involve:

- a) claims for libel, slander, invasion of privacy, infringement of copyright, or any other claim based on the content of any transmission arising from any communication;
- b) claims for patent infringement arising from combining or using the Service furnished by BSCL in connection with facilities or equipment furnished by others; or
- c) all other claims arising out of any act or omission of others relating to Service provided pursuant to this Agreement.

4.3 No license under patents (other than the limited license to use) is granted by BSCL, with respect to any Service offered under this Agreement. BSCL will defend Customer against claims of patent infringement arising solely from the use by Customer of Service offered under this Agreement and will indemnify Customer for any damages awarded based



solely on such claims.

- 4.4 Except to the extent that BSCL may give a credit allowance pursuant to Clause 6 (OUTAGE & CREDIT ALLOWANCES), BSCL shall not be liable for Service interruptions resulting from any causes beyond its reasonable control, including but not limited to acts of God, fire, flood, adverse weather conditions, meteorological atmospheric occurrences or disturbances (including but not limited to sun outages) or other natural events; main outage; irrepairable Satellite component failure, regardless of the cause(s) of such failure; externally-caused interference; acts of government, national emergencies; insurrections, riots, acts of war, civil disorder, quarantine restrictions, embargoes, strikes, lockouts. Each such event shall constitute a "Force Majeure".
- 4.5 Customer acknowledges that BSCL has no control over data, content or application transmitted through or used on the Service. Accordingly, BSCL shall not be liable for any data or content sent or received through the Service, any access of any data or content whatsoever by Customer or by any person using the Service, any delay or failure in data transmission made through the Service.
- 4.6 Notwithstanding anything to the contrary in this Agreement, BSCL shall not be liable for incidental, indirect, special, or consequential damages, or for lost profits, savings, or revenues of any kind, whether or not BSCL has been advised of the possibility of such damages.

## **5. CUSTOMER RESPONSIBILITIES & LIABILITIES FOR LOSS AND DAMAGES**

- 5.1 Customer shall use reasonable care in the supervision and utilization of the Service as indicated in this Agreement and shall not use such Service in such a way as to violate the others' rights, regardless of whether such other person employs security measure with respect to its database and Customer shall not publish the data or picture of other person without his/her permission. If any act of Customer causes the loss or damages to the third party, Customer shall be solely responsible for such loss and damages.
- 5.2 Customer shall not transmit, receive any statements, data, picture or code which are contrary to the laws or policies, rules, regulations, orders or notifications of the concerned authority in the Territory or official circulars which are against public order, good moral and the peace and security of the nation.
- 5.3 It is acknowledged by Customer that all merchandise, information, content, and services offered or made available or accessible on the Internet are offered or made available by Customer itself or the third parties with whom Customer shall contract directly for such services. Customer undertakes to demand its customers to declare to BSCL that the content will not breach or infringe upon: (i) any act or regulation of the Territory and/or any jurisdiction to which content is transmitted to, including, without limitation, such laws pertaining to copyright and/or other intellectual property rights, slander, defamation or obscenity; (ii) any guideline for internet or content or distribution issued by any competent authority in any jurisdiction in which the content is transmitted or published to.
- 5.4 If the carrier that provides BSCL with access to its satellite, fiber, Internet or other telecommunications infrastructure for the purpose of this Agreement, requests BSCL to suspend or terminate the Service for any reason relating to the content, Customer agrees that BSCL will comply immediately with that request and that BSCL will have no liability of any kind whatsoever to Customer in connection with the foregoing.
- 5.5 Customer shall comply with the laws, rules, guidelines and/or regulations of any relevant international organizations in connection to the utilization of the Service.
- 5.6 Customer shall not utilize the Service in a manner which would or could be expected to, under standard engineering practice, interfere with the service of, or cause physical harm to, the Satellite or the equipment that is used with/on the Satellite or other satellites that are on the neighboring orbits. Customer shall also comply with all Appendices, which may be modified from time to time by BSCL in its reasonable discretion. BSCL, at its sole discretion and where technically feasible, shall have the right to change frequency, transponder or satellite, ground system location, service configuration, and/or ratio of Internet traffic connection under the Service at any time. However, BSCL will use its best endeavors to minimize an interruption to the Service provided to Customer due to such changes.
- 5.7 Customer should ensure uninterrupted power supply at the site and ensure proper security for equipment provided by BSCL as per appendix-D.
- 5.8 Customer has to ensure site access to BSCL or its nominated service provider as and when required.

**6. REFUSAL OF SERVICE**

BSCL shall have the right, immediately upon oral or written notice, to refuse the provision of Service, including but not limited to Service at that time being provided, in the event that BSCL has reason to believe the Service is being used in a way that BSCL might have to rely on the indemnity provision in Clause 7.2 of the General Terms and Conditions; if the data or content being transmitted by Customer is harmful to BSCL's name or business; if Customer is indicted or is otherwise charged as a defendant in a criminal proceeding related to its use of the Service; or if Customer is either convicted under any obscenity law or found by any governmental authority to have violated any such law. Nothing in this Clause 9 will affect any other term or condition hereof, including but not limited to any obligation under Clause 7.2 of the General Terms and Conditions or any payment obligation under Clause 2 (RATES AND TERM OF SERVICE) of the Service Description throughout the term of Service.

**7. TERMINATION**

**7.1 Termination of this Agreement**

This Agreement may be terminated prior to the end of its term for breach of any material term, condition, representation, and/or warranty; the non-breaching party may terminate this Agreement if it provides the breaching party with written notice citing the cause of such termination and providing no less than a thirty (30) day cure period.

**7.2 Termination of the RAF(s):**

Any related RAF may be terminated prior to the end of its term as follows:

7.2.1 For a Satellite Operational Failure (as hereinafter defined) BSCL may terminate this RAF by providing written notice to the other party. As used in this Clause 7.2.1, a "Satellite Operational Failure" shall mean either (i) the satellite on which the Service is intended to be provided fails to reach and maintain a satisfactory orbit in the appropriate orbital position, or (ii) a failure by such satellite to go into satisfactory operation after achieving satisfactory orbit in the appropriate orbital position, or (iii) upon the retirement of the Satellite. If any relevant RAF is so terminated, neither party shall have any further liability to the other party, except for BSCL's liability to refund to Customer any monies paid to BSCL for Service not provided.

7.2.2 In the event of (i) the occurrence of the Creditable Outage, and with Outage Period as set out in Clause 6.2 which exceeds a consecutive period of three (3) days during a thirty (30) days period, or (ii) the Force Majeure affecting the Service provision and subsisting for more than thirty (30) days; either party may terminate any relevant RAF by providing written notice to the other party. If any relevant RAF is so terminated, neither party shall have any further liability to the other party, except for Service already provided and BSCL's liability to refund to Customer any monies paid to BSCL for Service not provided.

7.2.3 Upon the expiration or termination of the Agreement, all the applicable RAF's shall be automatically terminated. If all relevant RAF's are so terminated, neither party shall have any further liability to the other party, except for Service already provided and BSCL's liability to refund to Customer any monies paid to BSCL for Service not provided.

**B. NO EARLY TERMINATION OF SERVICE**

8.1 Except as specifically set forth in Clause 9.12 (TERMINATION) of the General Terms and Conditions or unless otherwise stated in the RAF(s), this Agreement does not provide for early termination of the Service and RAF. Therefore, if (i) Customer discontinues or cancels the Service effective on any date prior to the expiration of the term of Service set forth in the RAF(s), or (ii) Customer fails to cure any breach of any material term, condition, representation, and/or warranty within the time provided pursuant to Clause 9.1 of the General Terms and Conditions, BSCL may, at its sole discretion, upon twenty four (24) hours' notice to Customer, exercise one or more of the following remedies:

- A. Temporarily suspend the Service to Customer in whole or in part without terminating the related RAF(s) and/or the Agreement until Customer cures the default, during which suspension Customer shall continue to remain liable for all charges and other amounts payable in accordance with the related RAF(s).
- B. Terminate the related RAF(s) and/or the Agreement, accelerate all monthly recurring Service Fee for the balance of the term and other fees and payments due under the related RAF(s) and/or the Agreement with respect to such terminated or cancelled Service, and require Customer to immediately pay to BSCL, as liquidated damages for default of the related RAF and/or the Agreement and not as a penalty, an early





termination charge ("Early Termination Charge"). The Early Termination Charge shall be an amount equal to the aggregate fee for Service through the remainder of the term of Service for the affected RAFs plus all other charges and other fees and payments that had accrued prior to the date of the early termination, together with all other costs and expenses of collection, including reasonable attorneys' fees.

C. Proceed by appropriate court action to recover damages for breach of Agreement together with costs and expenses in connection with enforcing this Agreement and the related RAFs, including reasonable attorneys' fees.

8.2 Early Termination Charges shall be due and payable upon receipt by Customer of an invoice for such charges. Early Termination Charges apply regardless of whether or not Service has begun and are in addition to any other rights BSCL may have under this Agreement and/or the related RAFs.

## **9. CONFIDENTIALITY**

9.1 All Confidential Information of the Parties shall be considered to be their respective trade secrets and they shall be entitled to all protections given by law of trade secrets.

9.2 This Agreement and related contents are confidential and either Party shall not disclose the contents either in full or in part to any third Party either in hard or soft format without the prior written approval from the other Party.

9.3 The Parties shall at all time, during the term of this Agreement and thereafter, keep confidential, whether stated to be confidential or not, all verbal and written communications and will not, without the prior written consent of other party, use or disclose to any third party any information of a confidential nature including pertaining to Parties' practices which may become known to other Party in the course of providing the Service.

9.4 Parties shall restrict access to Confidential Information received from other part to only those employees to whom such access is necessary for carrying out the purpose and bind such employees with the obligations assumed herein through a Deed of Agreement.

9.5 Each party further agrees that it shall promptly notify the other as soon as it becomes aware of any breach of confidentiality obligations pursuant to this Agreement and give the other all reasonable assistance in connection of the investigation of the same. Each party shall use its best efforts to assist the other in identifying and preventing any unauthorized use or disclosure of any portion of the Confidential Information of the other disclosed pursuant to this Agreement. Neither party shall disclose any Confidential Information of the other to any third party unless it has obtained the prior written consent of that party.

9.6 The obligations and undertakings relating to confidentiality and non-disclosure, whether contained in this clause or elsewhere in this Agreement, shall survive the termination of this Agreement.

## **10. CUSTOMER COMPLIANCE**

Customer shall comply with any restrictions or conditions imposed by applicable government authorities on: (i) Customer's receipt or use of the Service in any country in which Customer uses the Service, and/or (ii) Customer's use of the Service between or among any countries. Customer shall not use the Service in violation of any applicable law, rule or regulation. Further, Customer will obtain all necessary authorization and/or permits for ground segment equipment.

## **11. HEADINGS**

The headings used throughout this Agreement are for convenience only, are not a part of this Agreement, and shall have no effect upon the construction and/or interpretation of this Agreement.

## **12. ADDITIONAL ACTIONS AND DOCUMENTS**

BSCL and Customer each agree to take all necessary actions to execute, deliver, and file any additional documents and/or instruments, and to use all commercially reasonable efforts to obtain necessary or appropriate consents and/or approvals in order to effectuate the provision of the Service in accordance with the terms and conditions of this Agreement.

## **13. COUNTERPARTS**

This Agreement may be executed in two (2) identical counterparts, and the signature of each party shall appear on each counterpart. Either counterpart shall constitute an original, binding version of this Agreement.

### Appendix B Request for Bangladesh Satellite-LINK Service Activation Form (RAF)

Service Request Form																																																
Customer Name: _____						Ref No: _____																																										
Company Name: _____																																																
Address: _____																																																
City: _____																																																
Country: _____																																																
Phone: _____																																																
Fax: _____																																																
E-mail: _____																																																
A. Service Request Agreement																																																
I, _____, do hereby request for the following services:																																																
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### Appendix C: Payment Schedule

This Appendix is made part of this Bangabandhu Satellite-1 Link (BGB BOP) Service Agreement No 14.39.0000.003.99.050(Part-3).20-543, Date: 24 August 2023 by and between BSCL and Customer.

1. One time Installation Cost of VSAT terminal (if applicable) will be 25,000/- (Twenty-Five Thousand). It will be included in 1<sup>st</sup> invoice after installation of VSAT.
2. The Monthly Service Fee shall be BDT 9,000/- (In word: Taka Nine Thousand Only) per site. This rate is applicable for the bandwidth stated in clause 2.1. The Service Period shall be Five (5) years commencing from the effective date of the contract (01 September 2023).
3. The Service Fee shall be paid to BSCL on a monthly basis within the payment due date as per invoice sent from BSCL.
4. In case of early termination of the Agreement, Clause 9 of Appendix A will be applicable.
5. In case of capacity increment or reduction, BSCL will share an updated payment schedule which will be treated as a part of this Agreement.
6. BSCL will issue Monthly invoice to Customer within first 7 (seven) days of Service Period. Customer will pay the due within 30 days from the date of submission of clean and error free invoice.

**Table of Payment**

No. of Payment	Bandwidth (MHz)	Amount (BDT) Monthly	Service Period	Invoice date	Payment Due Date
01	Per Lot 128 Kbps (4 Lot)	36,000 + VAT	01 <sup>st</sup> September 2023 to 30 <sup>th</sup> September 2023	07 <sup>th</sup> September 2023	07 <sup>th</sup> October 2023
02-60	Per Lot 128 Kbps (4 Lot)	36,000 + VAT	Monthly	7 <sup>th</sup> day Service month	7 <sup>th</sup> day following to service month

7. Any amount incurred but not included in the previous payment shall be included in the following payment upon BSCL's discretion.
8. The invoice will reflect applicable VAT and other duties as per Government rules and regulation. (PLEASE NOTE: VAT, GOVERNMENT DUTIES or/and any applicable will be paid by the Customer only).





**Appendix-D**  
List of equipment per site

Sl no	Item name	Brand, Model and specification
1	Lower Ku band LNB	Compatible with Bangabandhu Satellite-1, Model and brand may vary as per availability.
2	Lower Ku band BUC	
3	KU Band Antenna	
4	Satellite Modem	
5	Necessary Cabling and connectors	

**Appendix-E**  
Current Location

SN	Site Location
1	POAMUHURI BOP
2	BUCHITONG BOP
3	CHOTOAGLA BOP
4	TARGUCHARA BOP







The City Bank Limited  
Head Office : City Bank Center, 136, Gulshan Avenue, Gulshan-2, Dhaka-1212, Bangladesh

### Purchase Order

PO No.	:	CBL/HO/IT/2023/
PO Date	:	26-09-2023
To	:	Bangladesh Satellite Company Limited (BSCL)
Attention	:	Shah Ahmedul Kabir, General Manager (Sales & Marketing)

Subject: Approval for Bangabandhu Satellite-1 link Connectivity for ATM

Sl.	Item Code	Amount	Quantity	Total Price
1.	MRC (Monthly Recurring Charge)- ATM Connectivity via 128kbps/128kbps (Shared) for Jhautola Comilla RATM, Mohajan Golden Tower RATM, PRAN RFL-Hobigonj, RRAN-RFL,Kaligonj, PRAN-RFL Narshingdi ATM	9,000/-	5	45000/-
2.	One Time (Installation Charge) - ATM Connectivity via 128kbps/128kbps (Shared) - for Jhautola Comilla RATM, Mohajan Golden Tower RATM, PRAN RFL-Hobigonj, RRAN-RFL,Kaligonj, PRAN-RFL Narshingdi ATM	25,000/-	5	125000/-

In Words: Monthly Recurring Cost (MRC): BDT Forty-Five Thousand taka only.  
One Time Cost (OTC): BDT One lac twenty-five thousand taka only.


All prices are quoted excluding VAT. 15% VAT is applicable for Satellite services. (OTC & MRC)

#### Terms & Condition:

- Price:** Above prices are Taxes inclusive and will be deductible as per Govt. rules.
- Delivery Time:** The above product will activate from September,2023.
- Delivery Location:** Delivery will be made at The City Bank Ltd. ATM Mentioned Location
- Payment:** Payment will be made after 30 days upon completion of successful delivery, installation and subsequent submission of the Bill along with photocopy of the Purchase Order, photocopy of the VAT registration Certificate (if applicable) and original Delivery Challan, which is duly signed by authorized person of City Bank Limited. Schedule of Charge shall be applicable for payment through Pay Order.
- Termination:** During the work period, the bank reserves the right to terminate the work order at any time without prior notice.
- Confidentiality:** You shall have to maintain full confidentiality of all documents and other information relating to this Work that are of confidential in nature and ensure that these shall not be published or disclosed or used for your own purpose and must be returned to us upon completion of the Work.

Please sign the duplicate copy of this work order to confirm your acceptance of the above terms and conditions. Please use the purchase order number as reference in all your future correspondences in this regard including your invoices and payment requests. All payment requests are to be made for the attention of DMD & CIO, The City Bank Limited, City Bank Center. Plot: SE (D)- 3,28, Gulshan Avenue, Gulshan-1, Dhaka-1212,

For and on behalf of  
The City Bank Limited

  
Kazi Azizur Rahman  
DMD & CIO





বাংলাদেশ সিকিউরিটিজ এক্সচেঞ্জ কমিশন  
(রাষ্ট্রীয় স্থাপিত সংস্থা)  
১১৬ ক্যাডী মজলুম ইসলাম অ্যাডমিনিস্ট্রেশন, ঢাকা-১০০০  
www.bscl.gov.bd



নম্বর: ১৪.০২.০০০০.০০২.১১.০২৩.১১.৭৪

তারিখ: ১৯ মে ২০২৪  
০২ এপ্রিল ২০২৪ খ্রিঃ

#### প্রত্যয়ন পত্র

বিষয়: বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রমের (৬.১) সরকারের বার্ষিক কর্মসম্পাদন পরিকল্পনার সাথে সম্পূর্ণতা সুনিশ্চিত করতে মানবসম্পদ উন্নয়নের লক্ষ্যে সরকারের বার্ষিক কর্মসম্পাদন পরিকল্পনাসমূহ ও সমসাময়িক বিষয়ের উপর প্রশিক্ষণের ০২ ত্রৈমাসিক প্রত্যয়ন প্রেরণ।

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রম (৬.১) অনুযায়ী সরকারের বার্ষিক কর্মসম্পাদন পরিকল্পনার সাথে সম্পূর্ণতা সুনিশ্চিত করতে মানবসম্পদ উন্নয়নের লক্ষ্যে সরকারের বার্ষিক কর্মসম্পাদন পরিকল্পনাসমূহ ও সমসাময়িক বিষয়ের উপর ০২ ত্রৈমাসিক (জানুয়ারি, ২০২৪ হতে মার্চ, ২০২৪) নিম্নলিখিত মোট ০১ টি প্রশিক্ষণ অনুষ্ঠিত হয়েছে।

প্রশিক্ষণের বিষয়	তারিখ	অংশগ্রহণকারীর সংখ্যা	মন্তব্য
বার্ষিক কর্মসম্পাদন চুক্তি প্রদর্শন, বাস্তবায়ন ও সংশ্লিষ্ট নির্দেশনা।	২৪ ফেব্রুয়ারি ২০২৪	৩০ জন	প্রমাণক, সংযুক্ত

উল্লেখ্য, ২য় ত্রৈমাসিক পর্যন্ত ০৪ টি ও ৩য় ত্রৈমাসিকে ০১ টি সহ অন্যান্য মোট ০৫ টি প্রশিক্ষণ সম্পন্ন হয়েছে।

সংযুক্তি:

০১। বিবেচ্য সংযুক্তি: প্রশিক্ষণ.pdf

সংযুক্তি: ১ প্রচ্ছদ সংযুক্ত।

০২-০৪-২০২৪

ড. শাহজাহান মাহমুদ

চেয়ারম্যান

০২৪১০০০০১২

chairman@bscl.com.bd

বিতরণ জ্ঞাতার্থে/জ্ঞাতার্থে ও কার্যার্থে (স্বাভাবিক ক্রমানুসারে নয়):

- ১। সচিব, সচিবের দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ;
- ২। অতিরিক্ত সচিব (অতিরিক্ত দায়িত্ব), অতিরিক্ত সচিব (ডাক) এর দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ এবং
- ৩। সিনিয়র সহকারী সচিব (প্রশাসন-১), প্রশাসন-১ শাখা, ডাক ও টেলিযোগাযোগ বিভাগ।



সকল সংযুক্তিসমূহ:

(১) প্রশিক্ষণ



বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাছাী নজরুল ইসলাম অ্যাভিনিউ, ঢাকা-১০০০  
www.bscl.gov.bd



নম্বর: ১৪.০২.০০০০.০০২.৯৯.০২৩.১৯.৫৮

তারিখ: ১ ফাল্গুন ১৪৩০ বঙ্গাব্দ  
১৪ ফেব্রুয়ারি ২০২৪ খ্রিষ্টাব্দ

### প্রশিক্ষণের নোটিশ

বিষয়: বার্ষিক কর্মসম্পাদন চুক্তি প্রণয়ন, বাস্তবায়ন ও সংশ্লিষ্ট নির্দেশনা।

বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)-এর এলেকট্রিকিটিভ অ্যান্ড সিস্টেমস ও সমন্বয়মূল্য সম্পন্ন পদ হতে তদুর্ধ্ব পদে কর্মরত কর্মকর্তা/কর্মচারীদের অংশগ্রহণে "বার্ষিক কর্মসম্পাদন চুক্তি প্রণয়ন, বাস্তবায়ন ও সংশ্লিষ্ট নির্দেশনা" বিষয়ে একটি প্রশিক্ষণ আয়োজি ২৪ ফেব্রুয়ারি ২০২৪ তারিখ (রবিবার) সকাল ১০:০০ থেকে ১২:৪৫ পর্যন্ত বিএসসিএল-এর সভাকক্ষে অনুষ্ঠিত হবে। প্রশিক্ষণের মৌলিক তথ্যাদি নিম্নরূপ:

- (১) প্রশিক্ষণ জনাব আসাদ বিন ইউসুফ, ব্যবস্থাপক (নন গভঃ সেক্টর সেলস), বিএসসিএল।
- (২) প্রশিক্ষণের বিষয় বার্ষিক কর্মসম্পাদন চুক্তি প্রণয়ন, বাস্তবায়ন ও সংশ্লিষ্ট নির্দেশনা।
- (৩) প্রশিক্ষণার্থীর পর্নায় এলেকট্রিকিটিভ অ্যান্ড সিস্টেমস ও সমন্বয়মূল্য সম্পন্ন পদ হতে তদুর্ধ্ব পদে কর্মরত মনোনীত কর্মকর্তা/কর্মচারীগণ।
- (৪) প্রশিক্ষণের তারিখ ও সময় ২৪ ফেব্রুয়ারি ২০২৪ ; রবিবার।  
সেশন ০২:০৪ সকাল ১০:০০ থেকে ১১:২৫ পর্যন্ত।  
সেশন ০২:০৪ সকাল ১১:৩০ থেকে ১২:৪৫ পর্যন্ত।
- (৫) প্রশিক্ষণে যোগান বর্নাসময়ে বিএসসিএল এর প্রধান কার্যালয়ের সভাকক্ষ ৭০০ এ যোগান করতে হবে।  
জুম লিংক পরবর্তীতে বিএসসিএল-এর ইমেইলসমূহের মাধ্যমে প্রদান করা হবে।
- (৬) প্রশিক্ষণার্থীর সংখ্যা সন্বায় ২০ জন।
- (৭) মনোনীত প্রশিক্ষণার্থী আলিকা অনুযায়ী (অনুলিপি প্রদান করা হয়েছে)

০২। উক্ত প্রশিক্ষণে বিএসসিএল-এর 'এলেকট্রিকিটিভ অ্যান্ড সিস্টেমস' পদ ও সমন্বয়মূল্য সম্পন্ন পদ হতে তদুর্ধ্ব পদে কর্মরত মনোনীত সকল কর্মকর্তা/কর্মচারীদের অংশগ্রহণ করার জন্য অনুরোধ করা হল।

১৪-০২-২০২৪

ড. শাহজাহান মাহবুব  
চেয়ারম্যান

বিতরণ জ্ঞাতার্থে/জ্ঞাতার্থে ও কার্যার্থে(যেষ্ঠতার ক্রমানুসারে নয়):

- ১। কোম্পানি সচিব, কোম্পানি সচিব, বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;
- ২। মহাব্যবস্থাপক (বিতরণ ও বিপণন), মহাব্যবস্থাপক (বিতরণ ও বিপণন), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;
- ৩। উপ মহাব্যবস্থাপক (অতিরিক্ত দায়িত্ব), উপ মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;
- ৪। উর্ধ্বতন ব্যবস্থাপক, উর্ধ্বতন ব্যবস্থাপক (গ্রাহক সেবা), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;
- ৫। ব্যবস্থাপক (মিশন ইঞ্জিনিয়ার), ব্যবস্থাপক-২ (মিশন ইঞ্জিনিয়ার), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;
- ৬। ব্যবস্থাপক (রেকর্ডস, মিডিয়া ও প্রমোশন), ব্যবস্থাপক (রেকর্ডস, মিডিয়া ও প্রমোশন), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;
- ৭। ব্যবস্থাপক (গভঃ সেক্টর সেলস), ব্যবস্থাপক (গভঃ সেক্টর সেলস), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;
- ৮। ব্যবস্থাপক (অতিরিক্ত দায়িত্ব), ব্যবস্থাপক (ক্রম), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;
- ৯। ব্যবস্থাপক (নন গভঃ সেক্টর সেলস), ব্যবস্থাপক (নন গভঃ সেলস), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;
- ১০। ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস) (অতিরিক্ত দায়িত্ব), ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;
- ১১। সহকারী ব্যবস্থাপক (গ্রাউন্ড স্টেশন মেইটেনার), সহকারী ব্যবস্থাপক-২ (গ্রাউন্ড স্টেশন মেইটেনার), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড;







তারিখঃ ২৫ ফেব্রুয়ারি ২০২৪

হাজিরা শীট

বিষয়ঃ বার্ষিক কর্মসম্পাদন চুক্তি প্রণয়ন, বাস্তবায়ন ও সংশ্লিষ্ট নির্দেশনা বিষয়ক প্রশিক্ষণ।

তারিখ ও স্থান: ২৫/০২/২০২৪; বিএসসিএল-এর প্রধান কার্যালয়ের সভা কক্ষ।

নং	নাম ও পদবী	মোবাইল নম্বর ও ই-মেইল আইডি	স্বাক্ষর
০১।			
০২।	হান্নান হুসাইন মুন্সীর ক্রয়ক্রম, বিক্রয় ও বিপণন	০১৪১২১৪১৩৭ hannan.mushir@bscl.com.bd	 ২৫/০২/২৪
০৩।	ডে. এ.এ. জামালুল হক সি. এ.এ.এ.এ.এ.	০১৬৪৪০৩৫২০০ aer@bscl.com.bd	 ২৫/০২/২৪
০৪।	MD. SHAFIUL AZAM Manager	০১৭১১০৪০১২ shafidul.azam@bscl.com.bd	 Azam
০৫।	সৈয়দা তাজুল ইসলাম ব্যবস্থাপক	০১৭৪৭৬৭৪২২৪	 ২৫/০২/২৪
০৬।	মোঃ মুনতাজুল ইসলাম ব্যবস্থাপক,	০১৫৫০১৫৫৪৫০	 25.02.2024
০৭।	নুজ্বাত তামজিনা সহ ব্যবস্থাপক (প্র: ওসসা: সার্ভিসেস) (অতি: দায়িত্ব)	০১৭২৬২২৫৪১৪	 Nujhat ২৫/০২/২০২৪
০৮।	সৈয়দুল ইসলাম সহ: ব্যবস্থাপক	০১৬৭০৪০৪০০৭	 25/02/24.
০৯।	মোঃ মোঃ মিন-সাম্মুদ সহ: ব্যবস্থাপক	০১৭৩৭৫৭৪৭৫৭	 25/02/2028
১০।	সানজীব সাহায়েক বিক্রয় সহকারী ব্যবস্থাপক	০১৬৭২৬৭৬৩৬৫	 ২৫/০২/২৪



তারিখঃ ২৫ ফেব্রুয়ারি ২০২৪

নং	নাম ও পদবী	মোবাইল নম্বর ও ই-মেইল আইডি	স্বাক্ষর
১১১	শাহাদাতুল্লাহ শাহের এক্সিকিউটিভ অ্যাসিস্ট্যান্ট	০১৩১২৩৫৬০১৩ shahad@bscl.com.bd	
১২১	মো. জিয়াব্বাছর হুসেইন সিকিউরিটি অফিসার	০১৭১৬৩৭১৭৭	 25.02.2024
১৩১	মো. সাফিউল হুসেইন সিকিউরিটি অফিসার	০১৭৪৬৭৫৫৪২০	 25.02.2024
১৪১	আবু হাফিজ মুহম্মদ এক্সিকিউটিভ অ্যাসিস্ট্যান্ট	০১৭০৫-২৬২৬৫০	 25.02.24
১৫১	Moue Islam Executive Assistant	০১৫৩৭৭২৭৬৬ moue.islam@gmail.com	 25.02.24
১৬১	Setu Karmakar Receptionist	০১৫৩৬-২৬২৬৫০ setukarmakar@bscl.com.bd	 25/02/2024
১৭১	Dipunkea Sikder Executive Assistant	০১৭২২৫০০৭২০ dipunkea@bscl.com.bd	 25/02/2024
১৮১	MD. TOUFIK ALAM Executive Assistant	০১৭১৪৫৩৩০৪৫ toufik@bscl.com.bd	 25/02/24
১৯১	Sadia Islam Assistant Accounts officer		 25/02/24
২০১	PAPAN BHOWMIK Executive Assistant	০১৭২০১৩০৪৭৬ papar@bscl.com.bd	 25/02/24
২১১	Noshin Saiyara Rabbi Junior Consultant	০১৭১১০৩১৩৩৪ noshin.saiyara@bscl.com.bd	 25/02/24
২২১	A.B.M. Borhan Uddin Ex. Asst.	০১৫৪০০৭৭৫২২	 25/02/24

২৩১ জাকিয়াহ সান্নার  
Junior Consultant (Procurement) ০১৬১৫-১০০৩৩৭

25/02/24

অনুলিপি ৭ কপি - ০৮ জন (প্রোগ্রাম অফিসার)

৩০ - ৩০ জন









নম্বর: ১৪.৩৯.০০০০.০০২.৯৯.০২৩.১৯.২০৯৭

তারিখ: ১৬ পৌষ ১৪৩০ বঙ্গাব্দ  
৩১ ডিসেম্বর ২০২৩ খ্রিস্টাব্দ

বিজ্ঞপ্তি/নোটিশ

বিষয়: বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রম [৬.১] অনুযায়ী সরকারের দীর্ঘমেয়াদি পরিকল্পনার সাথে সম্পৃক্ততা সুনিশ্চিত করতে মানবসম্পদ উন্নয়নের লক্ষ্যে সরকারের দীর্ঘমেয়াদি পরিকল্পনাসমূহ ও সমসাময়িক বিষয়ের উপর ২য় ত্রৈমাসিকের প্রত্যয়ন প্রেরণ।

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রম [৬.১] অনুযায়ী সরকারের দীর্ঘমেয়াদি পরিকল্পনার সাথে সম্পৃক্ততা সুনিশ্চিত করতে মানবসম্পদ উন্নয়নের লক্ষ্যে সরকারের দীর্ঘমেয়াদি পরিকল্পনাসমূহ ও সমসাময়িক বিষয়ের উপর ২য় ত্রৈমাসিকে (অক্টোবর, ২০২৩ হতে ডিসেম্বর, ২০২৩) নিম্নলিখিত মোট ০২ টি প্রশিক্ষণ অনুষ্ঠিত হয়েছে।

প্রশিক্ষণের বিষয়	তারিখ	অংশগ্রহণকারীর সংখ্যা	মন্তব্য
ডি-নথি বিষয়ক ইন- হাউজ প্রশিক্ষণ	২১ নভেম্বর ২০২৩	২১ জন	প্রমাণক, সংযুক্ত
BS1 ASIC MEGA failure & Event Sequence update এর উপর ইন- হাউজ প্রশিক্ষণ	০৬ ও ০৭ ডিসেম্বর ২০২৩	০৫ জন	

সংযুক্তিঃ

০১। বিবেচ্য সংযুক্তি: [ডি- নথি বিষয়ে প্রশিক্ষণ।pdf](#),

০২। বিবেচ্য সংযুক্তি: [BS1 ASIC MEGA failure & Event Sequence update এর উপর ইন- হাউজ প্রশিক্ষণ।pdf](#)

সংযুক্তি: ২ প্রস্থ সংযুক্ত।

৩১-১২-২০২৩  
ড. শাহজাহান মাহমুদ  
চেয়ারম্যান

বিতরণ জ্ঞাতার্থে/জ্ঞাতার্থে ও কার্যার্থে (জ্যেষ্ঠতার ক্রমানুসারে নয়):

- ১। সচিব, সচিবের দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ;
- ২। অতিরিক্ত সচিব, অতিরিক্ত সচিব (ডাক) এর দপ্তর, ডাক ও টেলিযোগাযোগ বিভাগ এবং
- ৩। সিনিয়র সহকারী সচিব (প্রশাসন-১), প্রশাসন-১ শাখা, ডাক ও টেলিযোগাযোগ বিভাগ।



সকল সংযুক্তিসমূহ:

(১) ডি- নথি বিষয়ে প্রশিক্ষণ।

(২) BS1 ASIC MEGA failure & Event Sequence update এর উপর ইন- হাউজ প্রশিক্ষণ।





বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাজী নজরুল ইসলাম অ্যাভিনিউ, ঢাকা-১০০০  
www.bscl.gov.bd



স্মারক নম্বর: ১৪.৩৯.০০০০.০০৯.২৫.০৩৯.২২.২৩২৯

১৪ অগ্রহাষণ ১৪৩০ বঙ্গাব্দ  
তারিখ: ২৯ নভেম্বর ২০২৩ খ্রিস্টাব্দ

বিষয়: **SOCC উইং-এ কর্মরত সকল কর্মকর্তাদের BS1 ASIC MEGA failure & Event Sequence update এর উপর ইন-হাউজ প্রশিক্ষণ সংক্রান্ত।**

বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল) এর Satellite Operation Control Center (SOCC) এ কর্মরত সকল কর্মকর্তাদের BS1 ASIC MEGA failure & Event Sequence update এর উপর ইন-হাউজ প্রশিক্ষণ করানো প্রয়োজন। উক্ত ইন-হাউজ প্রশিক্ষণে প্রশিক্ষক হিসেবে জনাব ফয়সাল মহসিন, ব্যবস্থাপক (স্যাটেলাইট ইঞ্জিনিয়ার)-কে নিযুক্ত করা হলো। উক্ত কর্মকর্তা নিম্নোক্ত টেবিলে বর্ণনাকৃত বিষয়ের উপর উল্লেখিত সময়ানুযায়ী প্রশিক্ষণ প্রদান করবেনঃ

০১.	জনাব ফয়সাল মহসিন ব্যবস্থাপক (স্যাটেলাইট ইঞ্জিনিয়ার), বিএসসিএল।	BS1 ASIC MEGA failure & Event Sequence update	সজীব ওয়াজেদ উপগ্রহ ভূ-কেন্দ্র, গাজীপুর।	৬ এবং ৭ ডিসেম্বর, ২০২৩ সকালঃ ১১:০০-১৩:০০ ঘটিকা
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খ। প্রশিক্ষণার্থীদের তালিকাঃ-

ক্র: নং	নাম	পদবী
০১	জনাব মোঃ নাসিরুজ্জামান বনি	ব্যবস্থাপক (স্যাটেলাইট ইঞ্জিনিয়ার)
০২	জনাব তাজদীদ উল আলম	সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার)
০৩	জনাব মোঃ হাসান শামীম শাওন	সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার)
০৪	জনাব মোঃ সামাউন সোবহান	সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার)
০৫	জনাব মোঃ মারুফ ইসলাম	সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার)
০৬	জনাব রনবীর সরকার	সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার)
০৭	জনাব মোঃ আল ইমরান সরকার	সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার)

২। উক্ত প্রশিক্ষণে উপরোক্ত তালিকা মোতাবেক সকল কর্মকর্তাকে নির্ধারিত তারিখ ও সময়ে উপস্থিত থেকে প্রশিক্ষণে অংশগ্রহণ করার জন্য নির্দেশনা প্রদান করা হল।

৩। প্রশিক্ষণ প্রদানকারী কর্মকর্তা বিধি মোতাবেক ভাতা প্রাপ্য হবেন।

২৯-১১-২০২৩  
ড. শাহজাহান মাহমুদ  
চেয়ারম্যান

বিতরণ (জ্যেষ্ঠতার ক্রমানুসারে নয়):

- ১। ব্যবস্থাপক (স্যাটেলাইট ইঞ্জিনিয়ার), মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড;
- ২। ব্যবস্থাপক (স্যাটেলাইট ইঞ্জিনিয়ার), মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড;
- ৩। সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার), মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড;
- ৪। সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার), মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড;
- ৫। সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার), মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড;
- ৬। সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার), মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড;

- ৭। সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার) , মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এবং  
৮। সহকারী ব্যবস্থাপক (স্যাটেলাইট কন্ট্রোলার) , মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড।

স্মারক নম্বর: ১৪.৩৯.০০০০.০০৯.২৫.০৩৯.২২.২৩২৯/১ (৩)

১৪ অগ্রহায়ণ ১৪৩০ বঙ্গাব্দ  
তারিখ: ২৯ নভেম্বর ২০২৩ খ্রিস্টাব্দ

সদয় জ্ঞাতার্থে/জ্ঞাতার্থে(জ্যেষ্ঠতার ক্রমানুসারে নয়):

- ১। ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস) (অতিরিক্ত দায়িত্ব), ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিধি মোতাবেক প্রশিক্ষকের ভাতা প্রদানের প্রয়োজনীয় ব্যবস্থা গ্রহণের নিমিত্ত);  
২। হিসাব রক্ষণ কর্মকর্তা (অভ্যন্তরীণ হিসাব ও অর্থ), ব্যবস্থাপক (অভ্যন্তরীণ হিসাব), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড এবং  
৩। এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড।



৩০-১১-২০২৩

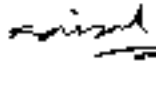




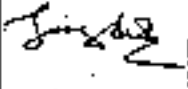
বখতিয়ার আহমেদ রাজিব  
উপ মহাব্যবস্থাপক (অতিরিক্ত দায়িত্ব)

বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল) এর Satellite Operation Control Center (SOCC) এ কর্তৃত্ব সকল কর্মকর্তাদের BS1 ASIC MEGA failure & Event Sequence update এর উপর ইন-হাউজ প্রশিক্ষণের হাজিরা সীট:-

প্রশিক্ষণের বিষয়ঃ "BS1 ASIC MEGA failure & Event Sequence update"

প্রশিক্ষকের নাম ও পদবীঃ জনাব ফয়সাল মহসিন, ব্যবস্থাপক (স্যাটেলাইট ইঞ্জিনিয়ার), বিএসসিএল।

তারিখঃ ০৬ ডিসেম্বর, ২০২৩, সকালঃ ১১:০০-১৩:০০ ঘটিকা (রোজঃ বুধবার)

প্রশিক্ষকের হাজিরা সীট				
ক্র: নং	নাম	পদবী	বোবাইল নাম্বার	স্বাক্ষর
০১.	Enisul Mohsin	Manager	০১৭৬২-৪০০৩১৬	
প্রশিক্ষণার্থীদের হাজিরা সীট				
ক্র: নং	নাম	পদবী	বোবাইল নাম্বার	স্বাক্ষর
০১.	Md. Nourul Hossain Bong	manager	০১৭১১-০২০৭৫০	
০২.	Farabin Sarber	Assistant Manager	০১৫২১২৬১১১৯	
০৩.	Md. Al-Imam Saifur	Assistant Manager	০১৭৭৩৬৫৬২৭৫	
০৪.	Hasan Shamim	Asst. Manager	০১৫৩০১৫৬৬৫৭	
০৫.	Tajdid Ul Alam	Asst Manager	০১৫১৩১১১১৮৮	
০৬.				
০৭.				
০৮.				



বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল) এর Satellite Operation Control Center (SOCC) এ কর্মরত সকল কর্মকর্তাদের BS1 ASIC MEGA failure & Event Sequence update এর উপর ইন-হাউজ প্রশিক্ষণের হাজিরা সীটঃ-

প্রশিক্ষণের বিষয়ঃ \*BS1 ASIC MEGA failure & Event Sequence update\*

প্রশিক্ষকের নাম ও পদবীঃ জনাব ফয়সাল মহসিন, ব্যবস্থাপক (স্যাটেলাইট ইঞ্জিনিয়ার), বিএসসিএল।

তারিখঃ ০৭ ডিসেম্বর, ২০২৩, সকালঃ ১১:০০-১৩:০০ ঘটিকা (রোজঃ বৃহস্পতিবার)

প্রশিক্ষকের হাজিরা সীট				
ক্র: নং	নাম	পদবী	মোবাইল নাম্বার	স্বাক্ষর
০১.	Faisal Mahin	Manager	০১৭৬২-৬০০৩১৬	Faisal
প্রশিক্ষণার্থীদের হাজিরা সীট				
ক্র: নং	নাম	পদবী	মোবাইল নাম্বার	স্বাক্ষর
০১.	Md. Nazim Rahman Bong	Manager	০১৭১১-০৪০৭১০	Nazim
০২.	Rambh Saibee	Assistant Manager	০১৫২১২৬১৯৩৪	Rambh
০৩.	Mr. Al-Imran Sarker	Assistant Manager	০১৭৭৩৬৫০৯৯৫	Al-Imran
০৪.	Hasoun Shamin	Asst. Manager	০১৫৩০১৫৬৬১৭	Hasoun
০৫.	Tajdid Ul Alam	Asst. Manager	০১৫১৩১১১১৪৪	Tajdid
০৬.				
০৭.				
০৮.				

স্মারক নং-১৪.৩৯.০০০০.০০২.২৫.০২৪.১৮- ২৩৫৩

তারিখঃ ২০ নভেম্বর ২০২৩

## অফিস আদেশ

বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)-এ ২১ নভেম্বর ২০২৩ তারিখ (মঙ্গলবার) সকাল ৯:৩০-১০:৩০ টা পর্যন্ত বিএসসিএল-এর প্রধান কার্যালয়ের সভাকক্ষে (কক্ষ নং-৭০২)-এ ডি-নথি পরিচিতি ও ফিচারসমূহের উপর জনাব তানভীর আহমেদ রিজভী, সহকারী বাবস্থাপক (জেনারেল সার্ভিসেস), সকাল ১১:০০-১২:০০ ঘটিকায় জনাব মোঃ আমজাদ হোসেন, এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, ডি-নথির ডাক-এর উপর এবং বেলা ০২:০০-০৩:০০ ঘটিকায় জনাব দিপংকর সিকদার, এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, বিএসসিএল, ডি-নথির-এর উপর প্রশিক্ষণ প্রদান করবেন।

উল্লিখিত প্রশিক্ষণসমূহে এক্সিকিউটিভ অ্যাসিস্ট্যান্ট পদ হতে তদুর্ধ্ব সকলকে অংশগ্রহণের জন্য বিনীত অনুরোধ করা হলো।

*Nujhat Tanjina*  
20/11/2023

নুজহাত তানজিনা

বাবস্থাপক (অতিরিক্ত দায়িত্ব)  
প্রশাসন ও জেনারেল সার্ভিসেস  
বিএসসিএল

### অনুলিপি:

০১। বিএসসিএল-এর প্রধান কার্যালয়ের সকল কর্মকর্তা / কর্মচারীগণ।


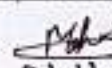
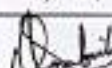
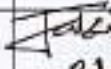
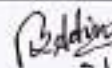
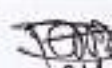

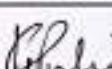
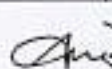
০৩। অফিস কপি।

তারিখ: ২১ নভেম্বর ২০২৩

বিএসসিএল-এর 'এলিকিউটিভ অ্যাসিস্টেন্ট' পদ হতে তদুর্ধ্ব পদে কর্মরত সকল কর্মকর্তা/কর্মচারীদের অংশগ্রহণে "ডি-নথি" বিষয়ক (দিনটি সেশন ০৯:৩০-১০:৩০, ১১:০০-১২:০০ এবং ০২:০০-০৩:০০ ঘটিকা পর্যন্ত) প্রশিক্ষণে উপস্থিত সদস্যদের উপস্থিতির তালিকাঃ

ক্র: নং	নাম	পদবী	স্বাক্ষর
০১	স্রোঃ রফিকুল হক	কোম্পানি ম্যানেজার (উপসচিব)	
০২	স্রোঃ মোহাম্মদ হোসেন কাজী	মি-এস (সি.এস.এ.)	
০৩	স্রোঃ মোহাম্মদ হোসেন	ম্যানেজার	
০৪	স্রোঃ মনজুরুল হক	ম্যানেজার	
০৫	স্রোঃ শহিদুল আমিন	ম্যানেজার	
০৬	স্রোঃ মোহাম্মদ হোসেন	Manager	
০৭	স্রোঃ মোহাম্মদ হোসেন	ম্যানেজার	
০৮	স্রোঃ মোহাম্মদ হোসেন	ব্যবস্থাপক	
০৯	স্রোঃ মোহাম্মদ হোসেন	মহাকাশী ব্যবস্থাপক	
১০	স্রোঃ মোহাম্মদ হোসেন	ম্যানেজার (সমন্বয় ৩ ক্রম: ১০০১) (অতি: দা:)	Nijhat
১১			
১২			
১৩			
১৪			
১৫	Sadia Islam	Asst. Accounts officer	



১৬	Moue Islam	Executive Assistant	 21/11/2023
১৭	SAJJAD MOHIT SHAON	Executive Assistant	 21.11.23
১৮	Md. Toufik Alam	Executive Assistant	 21/11/23
১৯	Jakia Mannan	Junior Consultant	 21.11.23
২০	Nashim Baiyana	Junior Consultant	Nashim 21.11.23
২১	A.B.M. Borhan Uddin	Ex. Asst.	 21/11/23
২২	PAPAN GHOSHUK	Executive Assistant	 21/11/23
২৩	Setu Karmokar, Rece	Receptionist	 21/11/2023
২৪	Khoja Md. Harun-ur-Rashid	Executive Assistant	 21/11/23
২৫	Md. Anisul Hossain	Executive Assistant	 Anisul
২৬			
২৭			
২৮			
২৯			
৩০			



বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাজী নজরুল ইসলাম অ্যাভিনিউ, ঢাকা-১২০৫  
www.bscl.gov.bd



নম্বর ১৪.৩৯.০০০০.০০২.৯৯.০২৩.১৯.২০৩৫

তারিখ: ১২ আশ্বিন ১৪৩০  
২৭ সেপ্টেম্বর ২০২৩

প্রত্যয়ন পত্র

বিষয়: বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রম [৬.১] অনুযায়ী সরকারের দীর্ঘমেয়াদি পরিকল্পনার সাথে সম্পৃক্ততা সুনিশ্চিত করতে মানবসম্পদ উন্নয়নের লক্ষ্যে সরকারের দীর্ঘমেয়াদি পরিকল্পনাসমূহ ও সমসাময়িক বিষয়ের উপর প্রশিক্ষণ বিষয়ক ১ম ত্রৈমাসিকের প্রত্যয়ন পত্র।

এই মর্মে প্রত্যয়ন করা যাচ্ছে যে, বার্ষিক কর্মসম্পাদন চুক্তির কার্যক্রম [৬.১] অনুযায়ী সরকারের দীর্ঘমেয়াদি পরিকল্পনার সাথে সম্পৃক্ততা সুনিশ্চিত করতে মানবসম্পদ উন্নয়নের লক্ষ্যে সরকারের দীর্ঘমেয়াদি পরিকল্পনাসমূহ ও সমসাময়িক বিষয়ের উপর ১ম ত্রৈমাসিকে (জুলাই, ২০২৩- সেপ্টেম্বর, ২০২৩) নিম্নলিখিত মোট ০২ টি প্রশিক্ষণ অনুষ্ঠিত হয়েছে:

প্রশিক্ষণের বিষয়	তারিখ	অংশগ্রহণকারীর সংখ্যা	মন্তব্য
"স্মার্ট বাংলাদেশ ২০৪১"	০৪ সেপ্টেম্বর, ২০২৩	৩০ জন	প্রমাণক, সংযুক্ত
An Introduction to The Next Frontier of Communication Technology :Towards Next-Gen Connectivity for all 5G and 6G Advances for Satellite Systems.	১০ সেপ্টেম্বর, ২০২৩	৩০ জন	

সংযুক্তি: ০১। An Introduction to The Next Frontier of Communication Technology :Towards Next-Gen Connectivity for all 5G and 6G Advances for Satellite Systems. (7219/potrojariAttachmentRef/22499/0/10599),

০২। স্মার্ট বাংলাদেশ ২০৪১ (7223/potrojariAttachmentRef/22499/0/10599),

২৭-৯-২০২৩

মোঃ শফিকুল ইসলাম

ব্যবস্থাপনা পরিচালক (অতিরিক্ত দায়িত্ব)

ইমেইল: managing.director@bscl.com.bd

সদয় অবগতি ও কার্যার্থে প্রেরণ করা হল:

- ১) সচিব, ডাক ও টেলিযোগাযোগ বিভাগ
- ২) চেয়ারম্যান, চেয়ারম্যান ও প্রধান নির্বাহী কর্মকর্তা এর দপ্তর, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৩) উপসচিব (প্রশাসন-১), প্রশাসন-১ শাখা, ডাক ও টেলিযোগাযোগ বিভাগ

তারিখঃ ০৪ সেপ্টেম্বর, ২০২৩

বিষয় : "স্মার্ট বাংলাদেশ ২০৪১" বিষয়ক ইন-হাউস প্রশিক্ষণে প্রশিক্ষকের হাজিরা শীট।  
তারিখ ও স্থান: ০৪ সেপ্টেম্বর, ২০২৩ তারিখ, সোমবার। সকাল ১০:০০ থেকে ১২:০০ পর্যন্ত। প্রধান কার্যালয়ের সভা কক্ষ।

নং	নাম ও পদবী	মোবাইল ও ই-মেইল	স্বাক্ষর
০১।	জনাব তৌহিদুল ইসলাম সহকারী ব্যবস্থাপক (মনিটরিং এন্ড কন্ট্রোল অপারেটর), বিএসসিএল।	01670408007 toidul.islam@bscl. com.bd.	Toidul 04/09/23.




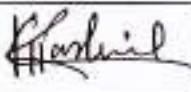


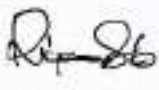
উপস্থিতির তালিকাঃ

বিষয় : "স্মার্ট বাংলাদেশ ২০৪১" বিষয়ক ইন-হাউজ প্রশিক্ষণ।

তারিখ ও স্থান: ০৪ সেপ্টেম্বর, ২০২৩ তারিখ, পোমবার। সকাল ১০:০০ থেকে ১২:০০ পর্যন্ত। প্রধান কার্যালয়ের সভা কক্ষ।

নং	নাম ও পদবী	ই-মেইল ও মোবাইল নাম্বার	স্বাক্ষর
০১।	মহারাজা হুমায়ুন কবির রি, এক (সি.এ.এ.)	০১৮১৭২৬১৭৭১	
০২।	এ.এ.আমজাদুল হক আমজাদ S. Manager	০১৬৫৫০৩৬/২০৬	
০০১।	ডাঃ সুনত্রমিত্রা দেবনা কর্তব্যপাল	০১৫৫০১৫৫৫০	
০৪।	ইমদাদুল হক সুনত্রমিত্রা কর্তব্যপাল	০১৮১৭১৮১৩১৭	
০৪।	ডাঃ শাহিনেজ আফ্রা কর্তব্যপাল	০১৭১১০৪০০১২ shahinul.azam@bscl.com.bd	
০৬।	রোহিনা গোপালিন্দু কর্তব্যপাল	০১৭৪৭৬৭৪২২৬	
০৭।	আম্মা কি ইক্বা কর্তব্যপাল	০১৭১১০৪২৬৪	
০৬।	ডাঃ আরুফিন-আরশাদ সহকারী-কর্তব্যপাল	০১৭৪৭৫৭৪৭৫৭ arufin@bscl.com.bd	
০৯।	নুজহাত তানজিনা কর্তব্যপাল (আতঃ দায়িত্ব)	০১৭২৬২২৫৪১৪ nujhat.tanjina@bscl.com.bd	
১০।	ডায়ানা জামান সুনত্রমিত্রা কর্তব্যপাল	০১৭০৫-২১৭৩৬৭	
১১।	Moue Islam Executive Assistant	০১৫৩৭৭২৭৬১৬ moue.islam@bscl.com.bd	
১২।	Md. Zubaid Hossain consultant	০১৭২৪৪০০৩৭৩ zubaid.hossain@bscl.com.bd	
১০।	Md. Amjad Hossain Executive Assistant	০১৭১৬ ৭৭১৭৭	
১৪।	Md. Raju Sarker executive Assistant	০১৭৪৬-৭৫৫৪২০	
১০।	Jakia Maman Consultant (procurement)	০১৬২৫-১০০৩৩৭	

তারিখঃ ০৪ সেপ্টেম্বর, ২০২৩

নং	নাম ও পদবী	ই-মেইল ও মোবাইল নাম্বার	স্বাক্ষর
১৬।	Noshin Saiyaza Rabbi Consultant (Admin)	01711091334	Noshin
১৭।	Setu Karmakar, Receptionist, BSCL	01536-262650; setu.karmakar@bscl.com.bd	
১৮।	শ্রীমতী রেজা হক-উই-রাজী এক্সিকিউটিভ অ্যাডমিনিস্ট্রেশন	001670800022 reza@bscl.com.bd	
১৯।	তানভীর আহমেদ রিজভী সহকারী প্রোগ্রামার	01672696965 tanvir.rezvi@bscl.com.bd	
২০।	মোঃ তৌফিক আলম এক্সিকিউটিভ অ্যাডমিনিস্ট্রেশন	01914539085 toufik@bscl.com.bd	
২১।	Dipunken Sikder	01722000420 dipunken@bscl.com.bd	
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২৬।			
২৭।			
২৮।			
২৯।			
৩০।			



বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাদী নজরুল ইসলাম স্মার্টসিটি, ঢাকা-১২০৫  
www.bscl.gov.bd



নম্বর ১৪, ৩৯, ৫০০০, ৫০২, ৯৯, ৫২৩, ১৯, ১৭২৯

তারিখ: ৬ ডায় ১৪৩০  
২১ আগস্ট ২০২৩

### প্রশিক্ষণের নোটিশ

বিষয়: "স্মার্ট বাংলাদেশ ২০৪১" বিষয়ক ইন-সিট প্রশিক্ষণ।

বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)-এর এক্সিকিউটিভ অ্যান্ড সিনিয়র এন্ড সিনিয়র ম্যানেজিং পদ হতে তদুর্ধ্ব পদে কর্মরত কর্মকর্তা/কর্মচারীদের অংশগ্রহণে "স্মার্ট বাংলাদেশ ২০৪১" বিষয়ক একটি প্রশিক্ষণ অধ্যয়ন ০৪ সেপ্টেম্বর, ২০২৩ তারিখ (সোমবার) (সকাল ১০:০০ থেকে ১২:০০ পর্যন্ত) বিএসসিএল-এর সভাকক্ষে অনুষ্ঠিত হবে। প্রশিক্ষণের মৌলিক তথ্যাদি নিম্নরূপ:

১)	প্রশিক্ষক	জনাব মোহাম্মদুল ইসলাম, সহকারী ব্যবস্থাপক (সিনিয়র এন্ড সিনিয়র এন্ড সিনিয়র ম্যানেজিং), বিএসসিএল।
২)	প্রশিক্ষণের বিষয়	"স্মার্ট বাংলাদেশ ২০৪১"
৩)	প্রশিক্ষণার্থীর পর্যায়	এক্সিকিউটিভ অ্যান্ড সিনিয়র এন্ড সিনিয়র ম্যানেজিং পদ হতে তদুর্ধ্ব পদে কর্মরত মনোনীত কর্মকর্তা/কর্মচারীগণ।
৪)	প্রশিক্ষণের তারিখ ও সময়	০৪ সেপ্টেম্বর, ২০২৩ তারিখ, সোমবার। সকাল ১০:০০ থেকে ১২:০০ পর্যন্ত।
৫)	প্রশিক্ষণে যোগদান	যথাসময়ে বিএসসিএল এর প্রধান কার্যালয়ের সভাকক্ষে ৭০৩ এ যোগদান করতে হবে। কুম লিংক পরবর্তীতে বিএসসিএল-এর হোমসাইটে প্রকাশ করা হবে।
৬)	প্রশিক্ষণার্থীর সংখ্যা	সম্ভাব্য ৩০ জন।
৭)	মনোনীত প্রশিক্ষণার্থী	তাৎক্ষণিক অনুযায়ী।

০২। উক্ত প্রশিক্ষণে বিএসসিএল-এর এক্সিকিউটিভ অ্যান্ড সিনিয়র এন্ড সিনিয়র ম্যানেজিং পদ হতে তদুর্ধ্ব পদে কর্মরত মনোনীত সকল কর্মকর্তা/কর্মচারীদের অংশগ্রহণ করার জন্য অনুরোধ করা হল।

*(স্বাক্ষর)*

২১-৮-২০২৩

মোঃ শফিকুল ইসলাম

ব্যবস্থাপনা পরিচালক (অতিরিক্ত দায়িত্ব)

ইমেইল:

managing.director@bscl.com.bd

সদয় অবগতি ও কার্যার্থে প্রেরণ করা হল:

- ১) কোম্পানি সচিব, কোম্পানি সচিব, বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড
- ২) মহাব্যবস্থাপক, মহাব্যবস্থাপক (বিভাগ ও বিশেষ), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড
- ৩) উপ মহাব্যবস্থাপক (অতিরিক্ত দায়িত্ব), উপ মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্ট্যাটেলাইট কোম্পানি লিমিটেড (অপারেশন টাইম এর ১০ জন প্রতিনিধির অনলাইনে উপস্থিতি নিশ্চিতকরণের অনুরোধসহ)



- ৪) উর্ধ্বতন ব্যবস্থাপক, উর্ধ্বতন ব্যবস্থাপক (প্রাথমিক সেবা), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৫) উর্ধ্বতন ব্যবস্থাপক, উর্ধ্বতন ব্যবস্থাপক (কারিগরি সহায়ক), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৬) ব্যবস্থাপক (মিশন ইঞ্জিনিয়ার), ব্যবস্থাপক-২ (মিশন ইঞ্জিনিয়ার), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৭) ব্যবস্থাপক, ব্যবস্থাপক (ব্রডকাস্ট, মিডিয়া ও প্রমোশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৮) ব্যবস্থাপক, ব্যবস্থাপক (গভঃ সেন্টার সেলস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৯) ব্যবস্থাপক (অতিরিক্ত দায়িত্ব), ব্যবস্থাপক (ক্রয়), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১০) ব্যবস্থাপক, ব্যবস্থাপক (নন গভঃ সেলস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১১) ব্যবস্থাপক (অতিরিক্ত দায়িত্ব), ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (সভার আপ্যায়নের ব্যবস্থা গ্রহণের অনুরোধসহ)
- ১২) সহকারী ব্যবস্থাপক (ব্রাউন্ড স্টেশন মেইটেন্যান্স), সহকারী ব্যবস্থাপক-২ (ব্রাউন্ড স্টেশন মেইটেন্যান্স), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৩) সহকারী ব্যবস্থাপক (মনিটরিং এন্ড কন্ট্রোল অপারেটর), মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৪) সহকারী ব্যবস্থাপক জেনারেল সার্ভিসেস, ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৫) হিসাব রক্ষণ কর্মকর্তা (অভ্যন্তরীণ হিসাব ও অর্থ), ব্যবস্থাপক (অভ্যন্তরীণ হিসাব), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিধি অনুযায়ী সম্পন্নী প্রদানের অনুরোধসহ)
- ১৬) সহকারী হিসাব রক্ষণ কর্মকর্তা, ব্যবস্থাপক (অভ্যন্তরীণ হিসাব), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৭) রিসেসপসনিষ্ট, ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৮) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, চেয়ারম্যান ও প্রধান নির্বাহী কর্মকর্তা এর পণ্ডর, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৯) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২০) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, ব্যবস্থাপক (ব্রডকাস্ট, মিডিয়া ও প্রমোশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২১) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, ব্যবস্থাপক (অভ্যন্তরীণ হিসাব), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২২) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট-১ (অতিরিক্ত দায়িত্ব), ব্যবস্থাপনা পরিচালক এর পণ্ডর, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২৩) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, ব্যবস্থাপক (অভ্যন্তরীণ হিসাব), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২৪) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২৫) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, মহাব্যবস্থাপক (কারিগরি, গবেষণা ও পরিকল্পনা), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
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বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড  
(রাষ্ট্রীয় মালিকানাধীন একটি প্রতিষ্ঠান)  
১১৬ কাজী নজরুল ইসলাম অ্যাভিনিউ, ঢাকা-১২০৫  
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তারিখ: ১৪ ভাদ্র ১৪৩০

২৯ আগস্ট ২০২৩

প্রশিক্ষণের নোটিশ

বিষয়: **An Introduction to The Next Frontier of Communication Technology : Towards Next-Gen Connectivity for all 5G and 6G Advances for Satellite Systems**

বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিএসসিএল)-এর এক্সিকিউটিভ অ্যাসিস্ট্যান্ট ও সমপদমর্যাদা সম্পন্ন পদ হতে তদুর্ধ্ব পদে কর্মরত কর্মকর্তা/কর্মচারীদের অংশগ্রহণে “An Introduction to The Next Frontier of Communication Technology :Towards Next-Gen Connectivity for all 5G and 6G Advances for Satellite Systems” বিষয়ক একটি প্রশিক্ষণ আগামী ১০ সেপ্টেম্বর, ২০২৩ তারিখ (রবিবার) (সকাল ১০:০০ থেকে ১২:০০ পর্যন্ত) বিএসসিএল-এর সভাকক্ষে অনুষ্ঠিত হবে। প্রশিক্ষণের মৌলিক তথ্যাদি নিম্নরূপ:

(১)	প্রশিক্ষক	জনাব মোঃ মিজানুল হক, সহকারী ব্যবস্থাপক (গ্রাউন্ড স্টেশন মেইন্টেনার), বিএসসিএল।
(২)	প্রশিক্ষণের বিষয়	An Introduction to The Next Frontier of Communication Technology :Towards Next-Gen Connectivity for all 5G and 6G Advances for Satellite Systems.
(৩)	প্রশিক্ষণার্থীর পর্যায়	এক্সিকিউটিভ অ্যাসিস্টেন্ট পদ ও সমপদমর্যাদা সম্পন্ন পদ হতে তদুর্ধ্ব পদে কর্মরত মনোনীত কর্মকর্তা/কর্মচারীগণ।
(৪)	প্রশিক্ষণের তারিখ ও সময়	১০ সেপ্টেম্বর, ২০২৩ তারিখ, রবিবার। সকাল ১০:০০ থেকে ১২:০০ পর্যন্ত।
(৫)	প্রশিক্ষণে যোগদান	যথাসময়ে বিএসসিএল এর প্রধান কার্যালয়ের সভাকক্ষ ৭০৩ এ যোগদান করতে হবে। জুম লিংক পরবর্তীতে বিএসসিএল-এর হোয়াটসঅ্যাপ গ্রুপে প্রদান করা হবে।
(৬)	প্রশিক্ষণার্থীর সংখ্যা	সম্ভাব্য ৩০ জন।
(৭)	মনোনীত প্রশিক্ষণার্থী	তালিকা অনুযায়ী।

০২। উক্ত প্রশিক্ষণে বিএসসিএল-এর 'এক্সিকিউটিভ অ্যাসিস্টেন্ট' পদ ও সমপদমর্যাদা সম্পন্ন পদ হতে তদুর্ধ্ব পদে কর্মরত মনোনীত সকল কর্মকর্তা/কর্মচারীদের অংশগ্রহণ করার জন্য অনুরোধ করা হল।

৩০-৮-২০২৩

মোঃ শফিকুল ইসলাম

ব্যবস্থাপনা পরিচালক (অতিরিক্ত দায়িত্ব)

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সদয় অবগতি ও কার্যার্থে প্রেরণ করা হল:

- ১) কোম্পানি সচিব, কোম্পানি সচিব, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২) মহাব্যবস্থাপক, মহাব্যবস্থাপক ( বিক্রয় ও বিপণন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৩) উপ মহাব্যবস্থাপক (অতিরিক্ত দায়িত্ব), উপ মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (অপারেশন উইং এর ১০ জন প্রতিনিধির অনলাইনে উপস্থিতি নিশ্চিতকরণের অনুরোধসহ )
- ৪) উর্ধ্বতন ব্যবস্থাপক, উর্ধ্বতন ব্যবস্থাপক (গ্রাহক সেবা), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৫) উর্ধ্বতন ব্যবস্থাপক, উর্ধ্বতন ব্যবস্থাপক (কারিগরি সহায়তা), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৬) ব্যবস্থাপক (মিশন ইঞ্জিনিয়ার), ব্যবস্থাপক- ২ (মিশন ইঞ্জিনিয়ার), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৭) ব্যবস্থাপক, ব্যবস্থাপক (ব্রডকাস্ট, মিডিয়া ও প্রমোশন ), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৮) ব্যবস্থাপক, ব্যবস্থাপক (গভঃ সেক্টর সেলস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৯) ব্যবস্থাপক (অতিরিক্ত দায়িত্ব), ব্যবস্থাপক (ক্রয়), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১০) ব্যবস্থাপক, ব্যবস্থাপক (নন গভঃ সেলস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১১) ব্যবস্থাপক (অতিরিক্ত দায়িত্ব), ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (সভার আপ্যায়ণের ব্যবস্থা গ্রহণের অনুরোধসহ )
- ১২) সহকারী ব্যবস্থাপক (গ্রাউন্ড স্টেশন মেইন্টেনার), সহকারী ব্যবস্থাপক -২ (গ্রাউন্ড স্টেশন মেইন্টেনার), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৩) সহকারী ব্যবস্থাপক (মনিটরিং এন্ড কন্ট্রোল অপারেটর), মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৪) সহকারী ব্যবস্থাপক (গ্রাউন্ড স্টেশন মেইন্টেইনার), মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৫) সহকারী ব্যবস্থাপক জেনারেল সার্ভিসেস, ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৬) হিসাব রক্ষণ কর্মকর্তা (অভ্যন্তরীণ হিসাব ও অর্থ), ব্যবস্থাপক (অভ্যন্তরীণ হিসাব), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড (বিধি অনুযায়ী সম্মানী প্রদানের অনুরোধসহ)
- ১৭) সহকারী হিসাব রক্ষণ কর্মকর্তা, ব্যবস্থাপক (অভ্যন্তরীণ হিসাব), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৮) রিসেপসনিস্ট, ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ১৯) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, চেয়ারম্যান ও প্রধান নির্বাহী কর্মকর্তা এর দপ্তর, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২০) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
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- ২৩) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট- ১ (অতিরিক্ত দায়িত্ব), ব্যবস্থাপনা পরিচালক এর দপ্তর, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২৪) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, ব্যবস্থাপক (অভ্যন্তরীণ হিসাব), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২৫) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২৬) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, মহাব্যবস্থাপক ( কারিগরী, গবেষণা ও পরিকল্পনা ), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২৭) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, মহাব্যবস্থাপক (অপারেশন), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২৮) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, কোম্পানি সচিব, বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ২৯) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, মহাব্যবস্থাপক (প্রশাসন, অর্থ ও হিসাব), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড
- ৩০) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, ব্যবস্থাপক (প্রশাসন ও জেনারেল সার্ভিসেস), বাংলাদেশ স্যাটেলাইট কোম্পানি লিমিটেড



৩১) এক্সিকিউটিভ অ্যাসিস্ট্যান্ট, মহাব্যবস্থাপক ( কারিগরী, গবেষণা ও পরিকল্পনা ), বাংলাদেশ স্যাটেলাইট কোম্পানি  
লিমিটেড

## Very High Throughput Satellites for 5G/6G

### Challenges to implement Q/V/E up to Sub THz Frequency band in SATCOM

- Component and sub system technology performance and commercial availability
- Propagation losses: Rain and Free Space Loss
- Antenna design for the ground Gateway and Space craft
- Test and Measurement equipment and measurements
- Physical Size of the components and regulatory challenges
- Satellite payload using multibeam coverage must be in position to interconnect all network Earth Stations and consequently interconnection of coverage areas.
- Increase of Frequency reuse leads to a further increase of intra system interference among the cochannel beam
- Self interference noise in multibeam satellite link may contribute upto 50% of the total noise.
- Increasing the frequency reuse should increase the bandwidth of the feeder link.

Md. Mizanul Ho...

Md. Mizanul Hoque

### Participants (24)

Find a participant

DS	Dipunker Sikder	
	Hasib Ul Asad	
MA	Md. Aktar Hossain	
MA	Md. Amjad Hossain	
MH	Md. Hachhibur Rahman	
MS	Md. Sadikul Bari	
	Md. Shafiq Azam	
MM	Mohiuddin, Manager, BSCL	
SA	SADMAN AL FARABE	
SK	Setu Kamakar, Bangladesh Sat...	
SA	Shah Alom	
TR	Tanjila Rumman	
TB	Tanvir, BSCL	
TI	Touhidul Islam	

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Md. Mizanul Ho...

Md. Mizanul Hoque

### Participants (24)

Find a participant

MI	Moue Islam (Me)		
MM	Md. Mizanul Ho... (Host)		
BA	BSCL Admin		
SB	Siddik, Setbonia		
a	ahsan habib Wasi		
AM	Arafin Mahamud		
B	Asad Bin Yusuf		
A	Azizul Haque		
B	Borhan		
BA	BSCL Admin		
DS	Dipunker Sikder		
	Hasib Ul Asad		
MA	Md. Aktar Hossain		
MA	Md. Amjad Hossain		

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