



Sustainable Research
and Consultancy (SRC) Ltd.

House # 28, Taz Mansion (2nd Floor)
Karwan Bazar, Dhaka- 1215, Bangladesh
Cell # +88 01711 459 532, +88 01911 960 667
Email: sochetonacademy@gmail.com
Web Page: www.socheton.com

Source: Socheton/Sub/DISE/02
Date: 07.09.2020

To
The Director General
Bureau of Non-Formal Education
232/1 Tejgaon Industrial Area,
Dhaka 1208.

Subject: Expression of Interest for a technical cooperation on *“Conduction of Online Based Live Class Program for Students and Training for Teachers in Bangladesh.”*

Dear Sir,

Good day. Bureau of Non-Formal Education is a renowned Govt. organization playing a key role for education and development with different educational program. They are supporting digital Bangladesh and gaining SDG 2030. The Sustainable Research and Consultancy Ltd. (SRCL) is a research and implementation based organization currently working with online based live class and education system by the name of SOCHETON Academic Care (www.socheton.com).

Due to COVID -19, the international pandemic condition all classroom and training program are closed everywhere in Bangladesh. From different open media we know Bureau of Non-Formal Education is working on Online based education & training program development and serve the student as well as teachers. Our technical team from SRCL also working at matching ground.

Previously we've worked with similar work for general education system and create an online based hassle-free platform for school, college, universities and similar training (**attached doc file**). In this situation our team also interested to do work for “Online Based Live Training & Education Program” with your team.

By considering the emerging issues we hope that you'll consider our proposal and provide us an opportunity to work under your supervision for implementation of this system in different school and colleges. Hope that, it will be a suitable opportunity for Bangladeshi youth during and after COVID situation.

Sincerely Yours
Abu Jubayer

Mobile: +88 01711 459 532
Email: juabyer.buet.bd@gmail.com
jubayer.ceo@socheton.com
Web: www.socheton.com
Attachment: Expression of Interest (I)

1. Introduction:

E-learning has broadly become an important enabler to promote distance education (DE) and lifelong learning in most of the developed countries. However, in Bangladesh it is still a new successful progressive system for the learning communities for technical training as well as academic sector. It is observed from different sources that e-learning is going to ensure its bright prospect as an alternative mode of education at the primary, secondary and tertiary level in Bangladesh. Most of the young generation in Bangladesh require technical education and training for meeting the speedy economy. In this Pandemic situation of COVID-19 all of the educational institute and training centers are unable to gather students under one roof. So fast requirements of live class there are several problems that are identified and can be mitigated and solved through Information and Communication Technology (ICT) development, greater acceptance by learners.

2. Background:

In Bangladesh, e-learning was first introduced as early as 1960s as a Radiobroadcast followed by a pilot project School Broadcasting Program (SBP) in 1980s and then expanded by the establishment of the National Institute of Educational Media and Technology (NIEMT), which was later transformed into Bangladesh Institute of Distance Education (BIDE) in 1985. The significant progress has been done after the establishment of the Bangladesh Open University (BOU) in 1992 as the first and only national distance learning university (Islam & Selim 2017). Now with this pandemic situation 2020 many platforms and institutes are trying to develop online based class system. However, different problems are appearing for live class streaming. We the **Sustainable Research and Consultancy Ltd. (SRCL)** introduced **SOCHETON Academic Care** an online based live class, exam, training, demonstration and direct communication with student's system. Different private tuition, coaching centers, training institutes, technical training centers and similar technical, academic, vocational, skill level training centers, school, college, university and relevant institutions are interested as well as associated with this platform.

3. Requirements of Study on Online Based Class:

Day to day the industrial revolution is growing up and regular training is mandatory for people for introducing new technologies and education system. Every day due to ICT development teaching methods are going changed, new technologies and practices are appeared. That's why the people

training under one roof is very difficult. Only E-learning or live distance learning can resolve the problems. Some important issues are addressed herewith,

- a) New technical training is essential for company employee
- b) Adapt with national and international competitions
- c) Work-Training-Work (WTW) practices for industry level
- d) Different Pandemic situation like COVID-19, Flood, Storm Surge, Dengue and like others situation all institutes go down off and then E-Learning is the only way.
- e) Time flexibility is present here and people can join class any time anywhere.
- f) World is going for E-learning platform for every level of education and we need to join this mob as soon as possible for entering the international markets.

4. General Working Areas of Socheton:

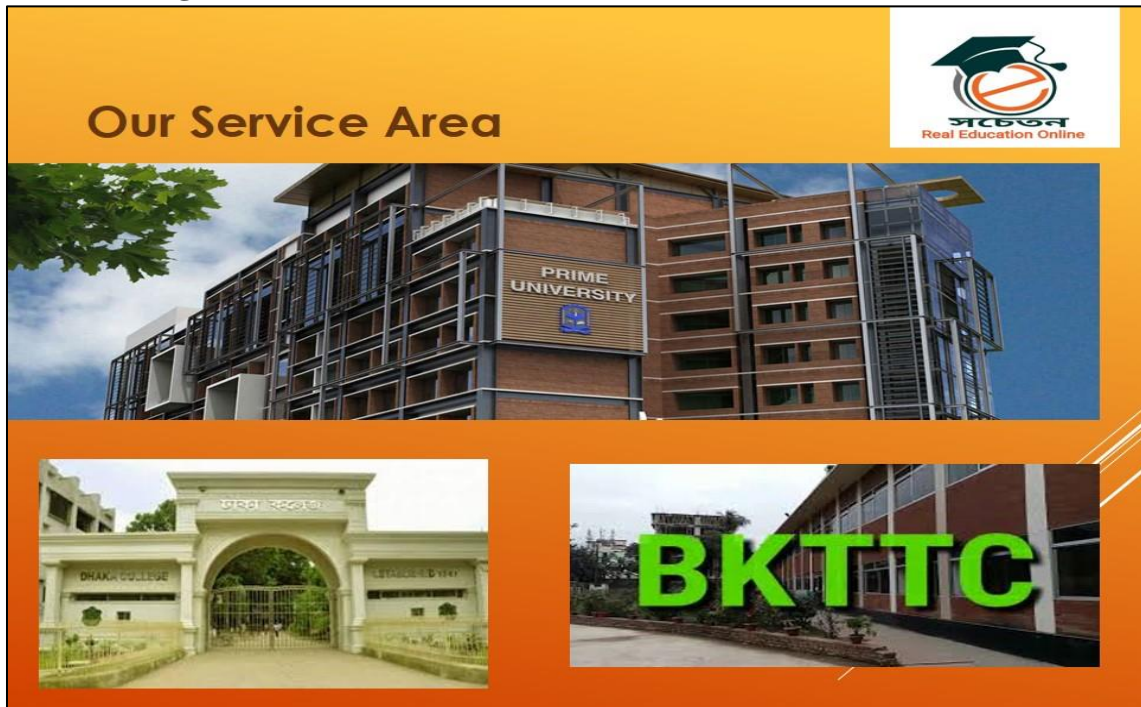




Photo 01: Service areas of Socheton Academic Care

5. General services of Socheton Academic Care:

Online based live class and training streamlining is our basic service including live exam, demonstration, Homework and similar services. Research and development are our another prime concern. Feasibility study, E-learning materials development, 3D model deployment and others. A snap shot of our activities is attached herewith.

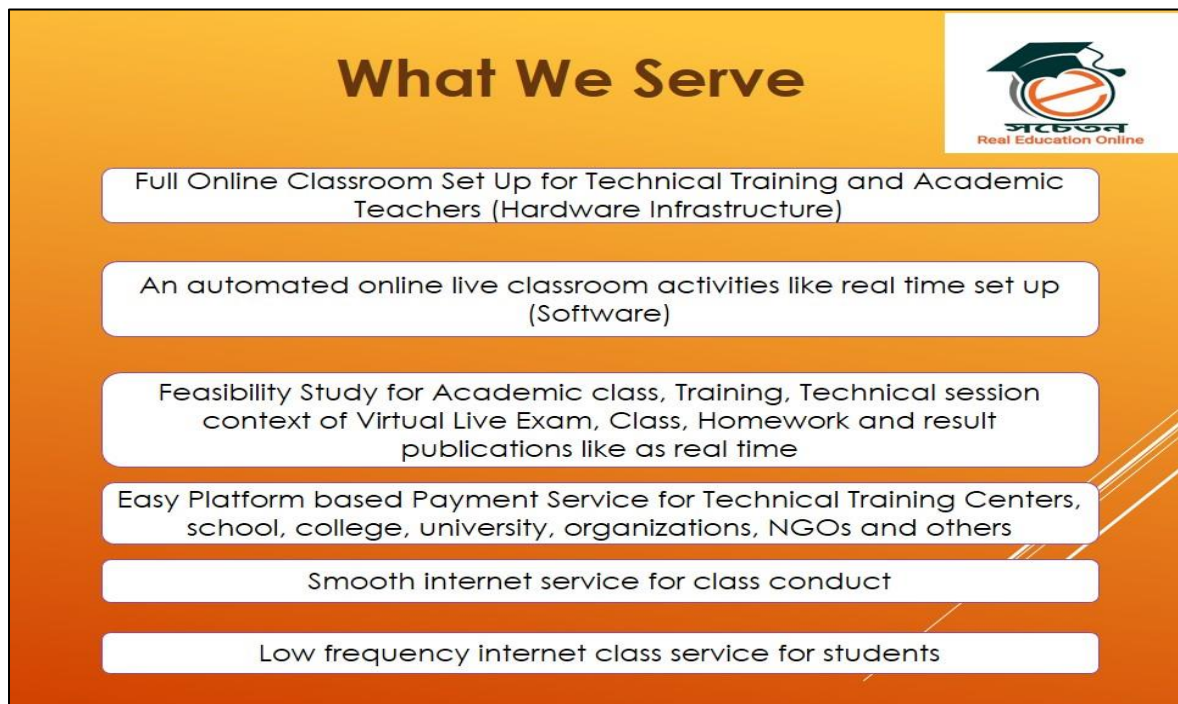


Figure 02: Socheton service types

6. Benefits of Online Platform:


For Video (<https://www.facebook.com/107092561032031/videos/334696927685407>)

In English

1. Comfort at home
2. Only 80 MB- 120 MB costing Per Class
3. 120 min continuous class and Easy to connect like live class
4. Comfortable with 2G, 3G and 4G from any place of Bangladesh.
5. Comfortable Home work and classwork submission
6. Online exam and immediate result
7. Clear sound and teacher live communication like real classroom
8. Not to face Traffic in COVID-19
9. Standard course fees and institution charge
10. Different Trainers Teachers from renowned institutes, colleges and schools
11. Advance with study at lockdown time..

WHY SOCHETON ?

Benefits for Students



1. 50 student batch at a time
2. 1000's of students in one platform
3. Easy to start class and No interruptions during class
4. Clear student voice and their communication sound
5. Standard online classroom set up
6. No hassle for class conduction like real-time.
7. Automated recording for You tube and facebook group.
8. Smooth payment from student and teachers
9. Not like other online based free services
10. Easy to handle homework and exam online
11. 5-10 batch in a day and No time limit for batch start
12. Comfortable for CORONA lockdown time in Bangladesh.

WHY SOCHETON ?

Benefits for Teachers



In Bengali:



<p>১. বাড়ি থেকে স্বচ্ছন্দের সাথে ক্লাস করার সুবিধা</p> <p>২. ক্লাসপ্রতি মাত্র ৮০ - ১২০ এমবি ডাটা খরচ</p> <p>৩. ১২০ মিনিট অবিচ্ছিন্ন ক্লাস এবং এক ক্লিকে সংযুক্ত হওয়ার সুবিধা</p> <p>৪. বাংলাদেশের যেকোন জায়গা থেকে ২জি, ৩জি এবং ৪জি সেবার সাথে সামঞ্জস্যপূর্ণ</p> <p>৫. আরামপ্রদ হোমওয়ার্ক এবং ক্লাসওয়ার্ক সাবমিশন সিস্টেম</p> <p>৬. অনলাইন পরীক্ষা এবং তাৎক্ষণিক ফলাফল</p> <p>৭. সুস্পষ্ট সাউন্ড সিস্টেম এবং বাস্তব ক্লাসরুমের ন্যায় শিক্ষকদের সাথে সরাসরি যোগাযোগ</p> <p>৮. করোনা মহামারিতে বাহিরে যাবার ঝুঁকিমুক্ত</p> <p>৯. স্ট্যান্ডার্ড কোর্স ফি এবং প্রাতিষ্ঠানিক চার্জ</p> <p>১০. বিভিন্ন নামী প্রতিষ্ঠান, স্কুল এবং কলেজের প্রশিক্ষিত শিক্ষকদের ক্লাস করার সুবিধা</p> <p>১১. লকডাউন অবস্থাতেও লেখাপড়ায় অগ্রগতি লাভের সুযোগ</p>	<div style="border: 1px solid black; padding: 10px; text-align: center;"><h3>কেন সচেতন???</h3></div> <p style="text-align: center;">শিক্ষার্থীদের জন্য সুযোগ-সুবিধাসমূহ</p> <div style="text-align: right;"><p>সচেতন Real Education Online</p></div>
<div style="border: 1px solid black; padding: 10px; text-align: center;"><h3>কেন সচেতন???</h3></div> <p style="text-align: center;">শিক্ষকদের জন্য সুযোগ-সুবিধাসমূহ</p> <div style="text-align: left;"><p>সচেতন Real Education Online</p></div>	<ol style="list-style-type: none">১. একসাথে প্রতি ব্যাচে ৫০ জন শিক্ষার্থীকে ক্লাস করানোর সুবিধা২. এক প্র্যাটফর্মের হাজারো শিক্ষার্থী৩. অনায়াসে ক্লাস শুরু করা এবং বাধ্যতামূলক ক্লাস পরিচালনা৪. স্পষ্ট এবং পরিষ্কার সাউন্ডে শিক্ষার্থীদের সাথে বাক্য বিনিময়৫. স্ট্যান্ডার্ড অনলাইন ক্লাসরুম সেটআপ৬. বাস্তবায়িত ক্লাস পরিচালনা৭. ইউটিউব এবং ফেসবুক লাইভের জন্য স্বয়ংক্রিয় রেকর্ডিং ব্যবস্থা৮. স্বচ্ছ ও নিরাপদ পেমেন্ট সিস্টেম৯. অনলাইন ভিত্তিক অন্যান্য সেবাপ্রদানকারী গোষ্ঠী থেকে সম্পূর্ণ ব্যতিক্রম১০. সহজ পরিচালনযোগ্য অনলাইন ভিত্তিক হোমওয়ার্ক ও পরীক্ষা পদ্ধতি১১. প্রতিদিন ৫ - ১০ টি ব্যাচ পড়ানোর সুবিধা১২. সময়ের কোন বাধ্যবাধকতা নাই১৩. করোনা মহামারিতে লকডাউন পিরিয়ডকে কাজে লাগানোর যথোপযুক্ত মাধ্যম

Figure: General Benefits for Sochetion Subscribers

7. General Differences of Socheton Platform:

In English:

Sl.	Items	General Services	Socheton Services
I.	Free Class time	Only 45 min. and need to reconnect	Free up to 120 Min
II.	Entry	Need to submit user name and password	Direct entry for live class
III.	MB Cost	500 MB-700 MB for each class	Only 180 MB- 220MB Cost for each class
IV.	Remote Areas	Only Available for 4G network	Available for 2G, 3G and 4G network
V.	Class Sound	Sometimes missing and not clear from teacher	Very clear sound like as real
VI.	Live Exam System	No exam system	Smooth online based Live Exam system
VII.	Home Work	No Home Work System	Smart Online based home work system is available
VIII.	Student Payment	No payment gateway and restriction	Highly secured for student payment and entry for live classes
IX.	IT Support	No IT support from company	Full IT support from us
X.	Training for Teachers	No training Opportunities from company	Full training support from company
XI.	Online Purchase	Sometimes tough to purchase for general teachers	Free from purchasing

In Bengali:

ক্রম	বিষয়	অন্যান্য প্ল্যাটফর্ম	সচেতন একাডেমিক কেয়ার
০১	ক্লাসের সময়	৪৫ মিনিট পরপর রিকানেক্ট করতে হয়	১২০ মিনিট পর্যন্ত ফ্রী
০২	লগইন	প্রয়োজন আছে	প্রয়োজন নাই
০৩	ডাটা	৫০০ - ৭০০ এমবি / ক্লাস	মাত্র ১৮০ - ২২০ এমবি / ক্লাস
০৪	রিমোট এরিয়া	শুধুমাত্র ৪জি নেটওয়ার্কের জন্য প্রযোজ্য	২জি, ৩জি, এবং ৪জি নেটওয়ার্কের জন্য প্রযোজ্য
০৫	ক্লাস সাউন্ড	মাঝে মাঝে সাউন্ড ড্রপ করে এবং শিক্ষকের কথা পরিস্কার শোনা যায়না	সাউন্ড ড্রপ করেনা এবং পরিস্কার শুনতে পাওয়া যায়
০৬	লাইভ এক্সাম	এক্সামের কোন ব্যবস্থা নাই	অনলাইন এক্সামের ব্যবস্থা আছে
০৭	হোমওয়ার্ক	হোমওয়ার্ক এর ব্যবস্থা নাই	অনলাইন হোমওয়ার্ক এর ব্যবস্থা আছে
০৮	স্টুডেন্ট পেমেন্ট	কোন রেস্ট্রিকশন ও পেমেন্ট গেটওয়ে নাই	ছাত্রদের জন্য অত্যন্ত সুরক্ষিত পেমেন্ট গেটওয়ের ব্যবস্থা আছে এবং লাইভ ক্লাসের এন্ট্রিও রেস্ট্রিকটেড
০৯	আইটি সাপোর্ট	কোম্পানি প্রদত্ত আইটি সাপোর্ট নাই	আইটি সাপোর্টের সুব্যবস্থা আছে
১০	শিক্ষকদের ট্রেনিং	কোম্পানি থেকে প্রশিক্ষণের ব্যবস্থা নাই	প্রশিক্ষণ সেবা অন্তর্ভুক্ত
১১	অনলাইন পারচেজ	সাধারণ শিক্ষকদের জন্য পারচেজ করা কষ্টসাধ্য	ফ্রী এবং পারচেজের বামেলানুমুক্ত

8. General Resource Person for Research and Activities:

A strong team including educationalist, IT expert, System support technician and researchers are working with each other and developing the total system.

Sl. No.	Name	Qualification	Year of Experience
1.	Dr. Md. Mazedul Haque	PhD, Netherland	18
2.	Dr. Sayed Md. Nazim Uddin	PhD, Canada	13
3.	Dr. Razib Amirul Islam	PhD, Canada	12
4.	Dr. Zahanara Parvin	PhD, Japan	12
5.	Abu Jubayer	M. Sc. (BUET)	12
6.	Sadequr Rahman	M. Sc. (BUET)	10
7.	Emdad Ali	M. Sc. (JU)	18
8.	Jinnat Ara Khatun	M. ED (DU)	14
9.	Mehedi Hassan	M. S. S. (DU), IT	10
10.	Nazmul Hassan	B. SC. In CSE, (UAP), IT	8
11.	Sanjida Rahman	B. SC. In CSE, (CUET), IT	8
12.	Tanvir Rahman	B. SC. In CSE, (CUET), IT	5
13.	Salim Ahmed	B. SC. In CSE, (BUET), IT	5
14.	IT Support Technician (6)	Various	Various
15.	Office Staff (70)	Various	Various

9. Our Capacity for E-Learning Training Platform

For your quick review please visit our website (www.socheton.com)

- Online classroom set up for technical training sessions
- Online live class transmission for teachers and students
- Online exam system development
- Online homework/session work for CBTA session
- Teachers online class materials (OCM) development
- Students online class materials development
- Teacher Training for online class preparation (Master ToT)

For Quick View Videos: Our Verified Facebook Page

https://www.facebook.com/107092561032031/videos/1010492469391022/?eid=ARA4JtZi_f2W7rOd7EEem5R7PDwpFigUqaMFsrIQPYk8DPMNvXUBEAgxIJO0GaPSCcb-GkDC0PEnsH2rZ

10. Experience of Educational Study:

Different types of educational study are going on in our house in different context. Some are here

- Feasibility study on University Tuition basis online class performance (www.socheton.com)
- Feasibility study on Private Tuition basis online class performance (Coaching and private tuition-subject wise)

- c) Online coaching system development for school, college, admission and others (www.socheton.com)
- d) Feasibility Study for Online based class facilities for Technical Training and Youth Development Program
- e) E-Library for Technical Students Project

11. Place Towards Future Work

Our Planned some future project for SMART E-learning projects are listed for your ready references

- a) Virtual reality classroom (fully online/Offline based)
- b) Online game based educational system (Sessional Part)
- c) Foreign HR Export and Technical trained student job platform www.jobex.com

12. Online Platform and Similar Works World Wide:

Similar works are ongoing worldwide from support Government Authority and Private Authority to develop these types of live streaming online platform and development. Some link for your quick look.

- a) <https://www.youtube.com/watch?v=0M8QHPR5ejc>
- b) www.youtube.com/watch?v=Ws7weRVW0RE
- c) www.youtube.com/watch?v=UhW12bILH7U

Our Online platforms

- a) Web Page: www.socheton.com
- b) Verified Facebook page: <https://www.facebook.com/Socheton-Academic-Care-Online-107092561032031>
- c) Presentation Videos: <https://www.facebook.com/107092561032031/videos/334696927685407/>
- d) Online Classroom Set Up videos: <https://www.facebook.com/107092561032031/videos/1010492469391022/>

13. Our Application to Your Authority

- a) Testing our online class system for general school and colleges from your team.
- b) Under your supervision a general feasibility study opportunities and support by installing classroom materials and real feedback from teacher and students
- c) Under your supervision provide logistic support and acceptance for developing this technical framework within all level school and colleges.
- d) By considering the emerging issues we hope that you'll consider our proposal and provide us an opportunity to work under your supervision.

14. Our Legal Entity

Our Company Sustainable Research and Consultancy Ltd. (SRCL) is legally registered to Bangladesh Government and carrying all types of legal documentation for continuing our activities. It includes

- a) Trade license
- b) Incorporation Certificates
- c) Taxpayer Identification Number (TIN)

Issue No. 7828 Date:17/12/2015



No. C-127679/2015

I hereby certify that **SUSTAINABLE RESEARCH AND CONSULTANCY LTD.** is this day incorporated under the Companies Act (Act XVIII) of 1994 and that the Company is Limited.

Given under my hand at Dhaka this Seventeenth day of December two thousand and fifteen.

By order of
Registrar

*Assistant Registrar
Registrar of Joint Stock Companies & Firms
Bangladesh*



N.B. This certificate is digitally signed. Please find the soft copy to verify the signature.



Government of the People's Republic of Bangladesh

National Board of Revenue

Taxpayer's Identification Number (TIN) Certificate

TIN : 839930663812

This is to Certify that **SUSTAINABLE RESEARCH AND CONSULTANCY LTD.** is a Registered Taxpayer of National Board of Revenue under the jurisdiction of **Taxes Circle-177 (Company)**, Taxes Zone **09, Dhaka**.

Taxpayer's Particulars :

- 1) Name : **SUSTAINABLE RESEARCH AND CONSULTANCY LTD.**
- 2) Registered Address/Permanent Address : **107, Green Road (1st Floor), Tejgaon, Dhaka**
- 3) Current Address : **107, Green Road (1st Floor), Tejgaon, Dhaka**
- 4) Previous TIN : **Not Applicable**
- 5) Status : **Company**

Date : September 07, 2016

Please Note:

1. A Taxpayer is liable to file the Return of Income under section 75 of the Income Tax Ordinance, 1984.
2. Failure to file Return of Income under section 75 is liable to-
 - (a) Penalty under section 124; and
 - (b) Prosecution under section 164 of the Income Tax Ordinance, 1984.



Deputy Commissioner of Taxes
Taxes Circle-177 (Company)
Taxes Zone 09, Dhaka
Address : 32, Garib E Newaz Avenue, Sector-13, Uttara,
Dhaka Phone : 7913944

N. B: This is a system generated certificate and requires no manual signature.

Figure 04: Legal status of SRCL