

**Bangladesh Coast Guard Force
Agargaon Administrative Area
Sher-e-Bangla Nagar, Dhaka-1207**

(O T M)

**TENDER DOCUMENT
FOR THE PROCUREMENT OF
GOODS (NATIONAL)**

Purchase of Various Operational Items

**Lot 1: Access control system
(Tripod Turnstile) with accessories.**

**Lot 2: Face detection access
control with accessories.**

**Lot 3: Automatic barrier gate
with accessories.**

**Lot 4: Furniture with guard room
renovation items.**

Invitation for Tender No: 44.08.2680.020.77.001.18. 257 Date: 12 January 2018.
Tender Package No: GR OPS (Ops- 10)
Issued on:

Section 2. Tender Data Sheet

<i>Instructions for completing the Tender Data Sheet are provided, as needed, in the notes in italics and under lined mentioned for the relevant ITT clauses.</i>	
ITT Clause	Amendments of, and Supplements to, Clauses in the Instruction to Tenderers
A. General	
ITT 1.1	<p>The Procuring Entity is Director Operations, Bangladesh Coast Guard Headquarters, Agargaon Administrative Area, Block No-E, Plot No-12/B, Sher-e-Bangla Nagar, Dhaka-1207.</p> <p>The Name and identification number of Tender are: Lot 1: Access control system (Tripod Turnstile) with accessories. Lot 2: Face detection access control with accessories. Lot 3: Automatic barrier gate with accessories. Lot 4: Furniture with guard room renovation items. 44.08.2680.020.77.001.18. 257 Date: 12 January 2018.</p> <p>The number, identification and name of lots comprising the Tender are: Lot No 01: Access control system (Tripod Turnstile) with accessories Lot No 02: Face Detection Access control with accessories Lot No 03: Automatic Barrier Gate with accessories Lot No 04: Furniture with guard room renovation items</p>
ITT 3.1	The source of public fund is Government of Bangladesh. (GOB).
ITT 3.3	The name of the Development Partner is Not Applicable.
ITT 5.1	Tenderers from the following countries are not eligible: None
ITT 6.1	Goods and Related Services from the following counties are not eligible: None
B. Tender Document	
ITT 8.2	The following are the offices of the Procuring Entity or authorised agents for the purpose of providing the Tender Document: Not Applicable

T 9.1	For <u>clarification of Tender purposes</u> only, the Procuring Entity's address is: Attention: Deputy Director (Intelligence) . Address: Bangladesh Coast Guard Force, Headquarters, Agargaon Administrative Area, Block No-E, Plot No-12/B, Sher-e-Bangla Nagar, Dhaka-1207. Telephone: 9140092 Mobile No: 01766690036 Electronic mail address: <u>cgint2012@gmail.com</u>
ITT 10.1	Pre- Tender meeting: Not Applicable
C. Qualification Criteria	
ITT 14.1(a)	The Tenderer shall have a minimum of 01 years of overall experience in the supply of similar goods and related services.
ITT 14.1(b)	The minimum specific experience is supplier in supply of goods of at least 01 contract successfully completed within last 05 years.
ITT 15.1(a)	The minimum amount of liquid asset or working capital or credit facility is Lot No – 01 - Tk. 8,00,000/00 Lot No – 02 - Tk. 7,00,000/00 Lot No – 03 - Tk. 6,50,000/00 Lot No – 04 - Tk. 8,00,000/00 (For Bank Solvency Certificate: is required. The email address of the Issuing Bank including telephone, Mobile & Fax Number to be mentioned with the tender document for official purpose). } As supporting documents updated Bank Statement is to be submitted
D. Preparation of Tender	
ITT 21.1(i)	The Tenderer shall submit with its Tender the following additional documents asked vide ITT 28.1(f).
ITT 23.1	Alternatives Tenders shall not be permitted.
ITT 24.3	Tenders are being invited for: Lot No 01: Access control system (Tripod Turnstile) with accessories. Lot No 02: Face Detection Access control with accessories. Lot No 03: Automatic Barrier Gate with accessories. Lot No 04: Furniture with guard room renovation items.
ITT 26.6	Price quoted for each lot shall correspond at least to 100% of the items specified for each lot and correspond at least to 100 % of the total lot value.
ITT 24.8	The following particular item represents more than fifty percent (50%) of the estimated lot value is: Not Applicable
ITT 28.1(f)	Manufacturer's authorization Required only when the supplier is not the manufacturer. In that case manufacturers consent letter, i.e. the manufacturer will

	do the work for the supplier, if he gets the work order, should be attached.
ITT 29.1	The Tender validity period shall be 120 days .
ITT 31.1	The amount of the Tender Security shall be : Lot –1. Tk. 25,000/00 (Pay order) Lot –2. Tk. 20,000/00 (Pay order) Lot –3. Tk. 20,000/00 (Pay order) Lot –4. Tk. 25,000/00 (Pay order) (In favour of "<u>AYON O BAYON KORMOKORTA, COAST GUARD FORCE SADAR DOPHTOR</u>") <i>(আয়ন ও ব্যয়ন কর্মকর্তা- কোস্ট গার্ড বাহিনী সদর দপ্তর)</i>
ITT 36.1	Original of the Tender, one copy shall be submitted.
E. Submission of Tender	
ITT 37.2	The inner and outer envelopes shall bear the following additional identification marks : Not Applicable
ITT 38.1	For <u>Tender submission purposes</u> ,the Procuring Entity's address is: Attention Director Operations Address: Bangladesh Coast Guard Force, Coast Guard Force Headquarters, Agargaon Administrative Area, Block No-E, Plot No-12/B, Sher-e-Bangla Nogar, Dhaka-1207. The deadline for submission of Tenders is 12.00 noon. on 30 Apr 2018
ITT 38.3	For <u>Tender submission purposes</u> , the Procuring Entity's address is: <i>[Note:In case of Multiple Dropping sate below the addresses of the Primary Place and Secondary Places] Not Applicable</i>
ITT 38.4	The deadline for the hand-delivering of the Tenders at the Primary Place is: Not Applicable
F. Opening and Evaluation of Tenders	
ITT 44.1	The Tender opening shall take place at Bangladesh Coast Guard Force, Coast Guard force Headquarters, Agargaon Administrative Area, Block No-E, Plot No-12/B, Sher-e-Bangla Nagar, and Dhaka-1207.
G. Award of Contract	
ITT 60.1	The maximum percentage by which quantities per item may be increased is 20% . The maximum percentage by which quantities per item may be decreased is 20% . <i>[in both instances the maximum percentage is between 15 and 20 %].</i>
ITT 62.1	The amount of Performance Security shall be ten 10% percent of the Contract Price.

ITT 62.3	The security deposit shall be deducted @ ten (10) percent from the successful Tenderers payable invoices during Contract implementation. If awarded the Contract.
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Section 4. Particular Conditions of Contract

<i>Instructions for completing the Particular Conditions of Contract are provided, as needed, in the notes in italics mentioned for the relevant GCC clauses.</i>	
GCC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
GCC 1.1(n)	The Procuring Entity is Director Operations, Bangladesh Coast Guard Force.
GCC 1.1(s)	The site(s)/ point(s) of delivery is/are: Bangladesh Coast Guard Force, Headquarters, Agargaon Administrative Area, Block No-E, Plot No-12/B, Sher-e-Bangla Nagar, Dhaka-1207
GCC 3.1	<p>For notices, the Procuring Entity's contact details shall be:</p> <p>Attention: Director Operations.</p> <p>Address: Bangladesh Coast Guard Force, Headquarters, Agargaon Administrative Area, Block No-E, Plot No-12/B, Sher-e-Bangla Nagar, Dhaka-1207.</p> <p>Telephone: 9140092</p> <p>Mobile No: 01766690036</p> <p>Electronic mail address: <u>cgint2012@gmail.com</u></p>
	<p>For notices, the Supplier's contact details shall be:</p> <p>Attention:</p> <p>Address:</p> <p>Telephone:</p> <p>Facsimile number:</p> <p>Electronic mail address:</p>
GCC 7.1(i)	<p>The documents to be furnished by the supplier shall be as follows:</p> <p>(a) Attested copy of Valid trade license</p> <p>(b) Attested copy of Latest income Tax certificate</p> <p>(c) Attested copy of Latest VAT registration certificate</p> <p>(d) Bank solvency certificate (original/attested copy)</p> <p>(The minimum amount of liquid asset or working capital or credit facility to be mentioned)</p> <p>(e) Manufacturer/Suppliers authorisation letter/Certificate is: applicable</p> <p><i>(Note: The above requirements should be reviewed by a Procuring Entity on a case-by case basis. With amendments being made as necessary).</i></p>
GCC 8.1	The scope of Supply shall be defined in: "Section" 6 Schedule of Supply"

Section 5. Tender and Contract Forms

Form	Title
	Tender Forms
PG2 – 1	Tender Submission Letter
PG2 – 2	Price Schedule for Goods & Related Services
PG2 – 3	Specifications Submission and Compliance Sheet
PG2 – 4	Pay order for Performance Security

Forms PG2-1 to PG2-3 comprises part of the Tender and should be completed as stated in ITT Clause 6.

Contract Forms

PG2 – 6	Notification of Award
PG2 – 7	Contract Agreement
PG2 – 8	Pay order for Performance Security

Forms PG2-6 to PG2-08 comprises part of the Contract.

Tender Submission Letter (Form PG 2 – 1)

*[This letter shall be completed and signed by the Authorized Signatory
Preferably on the Letter-Head pad of the Tenderer].*

To: <i>[Contact Person]</i> <i>[Name of Procuring Entity]</i> <i>[Address of Procuring Entity]</i>	Date: 12 Apr 2018
Invitation for Tender No: 44.08.2680.020.77.001.18. 257	<i>[indicate IFT No]</i>
Tender Package No: GR OPS (OPS -10)	<i>[indicate Package No]</i>
Lot No 01: Access control system (Tripod Turnstile) with accessories. Lot No 02: Face Detection Access control with accessories. Lot No 03: Automatic Barrier Gate with accessories. Lot No 04: Furniture with guard room renovation items.	<i>[indicate number of Lots]</i>

In accordance with ITT Clauses 7 the following prices apply to our Tender:

The Tender Price is: (ITT Clause 7)	Taka [state amount in figures] And Taka [state amount in words]
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In signing this letter, and in submitting our Tender, we also confirm that:

- a) Our Tender shall be valid for the period stated in the Tender Document (ITT Sub-Clause 11.1) and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- b) a Tender Security is attached in the form of a *[pay order / bank draft / bank guarantee]* in the amount stated in the Tender Document (ITT Clause 12) and valid for a period of 28 days beyond the Tender validity date;
- c) We, declare that we are eligible to participate in this Tender and meet the eligibility criteria specified in the Tender Document (ITT Clause 3);
- d) Furthermore, we are aware of ITT Clause 2.2 concerning such practices and pledge not to indulge in such practices in competing for or in executing the Contract;
- e) We understand that your written Notification of Award shall become a binding Contract between us, until a formal Contract is prepared and executed.

Signature:	<i>[insert signature of authorized representative of the Tenderer]</i>
Name:	<i>[insert full name of signatory with National ID]</i>
In the capacity of:	<i>[insert designation of signatory]</i>

Duly authorised to sign the Tender for and on behalf of the Tenderer

Attachment 1: Written confirmation authorizing the above signatory (ies) to commit the Tenderer

Price Schedule for Goods & Related Services (Form PG2-2)

Invitation for Tender No:	44.08.2680.020.77.001.18.257	Date:	12 Apr 2018
Tender Package No:	GR (Log-50)	Package Description:	<i>[enter description as specified in Section 6]</i>
Tender Lot No:	01	Lot Description:	<i>[enter description as specified in Section 6]</i>

A: PRICE OF GOODS (Including Spare Parts, Related services if any) AND DELIVERY SCHEDULE

1	2	3	4	5	6	7	8
Item No.	Description Of Item	Unit of Measurement	Quantity	Unit price	Total price (col. 4 × 5)	Point of Delivery as per Schedule of Requirement	Delivery Period Offered as per Schedule of Requirement
				(Note1)		(Note2)	

Note 1: Price shall include all customs duties, VAT and other taxes already paid or payable if Contract is awarded and Shall be delivered price in final destination or at point of delivery.

Note 2: The Tenderer will complete these columns as appropriate following the details specified in Section 6: Schedule of Requirements

Signature:	<i>[insert signature of authorised representative of the Tenderer]</i>
Name:	<i>[insert full name of signatory with National ID]</i>
In the capacity of:	<i>[insert designation of signatory]</i>
Duly authorised to sign the Tender for and on behalf of the Tenderer	

Specifications Submission and Compliance Sheet (Form PG2 - 3)

Invitation for	44.08.2680.020.77.001.18. 257	Date:	12 Apr 2018
Tender No:		Package	<i>[enter description as specified in Section 6]</i>
Tender Package No:	GR (OPS -10)	Description:	<i>[enter description as specified in Section 6]</i>
Tender Lot No:	1,2,3,4	Lot	<i>[enter description as specified in Section 6]</i>
		Description:	<i>[enter description as specified in Section 6]</i>

Item No.	Name of Goods or Related Service	Country of Origin	Make and Model (<i>when applicable</i>)	Full Technical Specifications and Standards
1	2	3	4	5
	FOR GOODS			Note 1
	FOR RELATED SERVICES			

[The Tenderer should complete all the columns as required]

Signature:

[insert signature of authorized representative of the Tenderer]

Name:

[insert full name of signatory with National ID]

In the capacity of:

[insert designation of signatory]

Duly authorized to sign the Tender for and on behalf of the Tenderer

Bank Guarantee for Tender Security (Form PG 3 – 7)

*[This is the format for the Tender Security to be issued by a scheduled bank
Of Bangladesh as stated under ITT Clauses 29 and 30]*

Invitation for Tender No: 44.08.2680.020.77.001.18. 257

Date: 12 Apr 2018

Tender Package No: GR (OPS -10)

To:

[Name and address of Procuring Entity]

TENDER GUARANTEE No:

We have been informed that *[insert name of Tenderer]* (hereinafter called “the Tenderer”) intends to submit to you its Tender dated *[insert date of Tender]* (hereinafter called “the Tender”) for the supply of *[description of goods and related services]* under the above Invitation for Tenders (hereinafter called “the IFT”).

Furthermore, we understand that, according to your conditions, Tenders must be supported by a Bank Guarantee for Tender Security.

At the request of the Tenderer, we *[insert name of bank]* hereby irrevocably undertake to pay you, without cavil or argument, any sum or sums not exceeding in total an amount of Tk *[insert amount in figures and in words]* upon receipt by us of your first written demand accompanied by a written statement that the Tenderer is in breach of its obligation(s) under the Tender conditions, because the Tenderer:

- a. has withdrawn its Tender after opening of Tenders but within the validity of the Tender Security ; or
- b. refused to accept the Notification of Award (NOA) within the period as stated under Instructions to Tenderers (ITT) ; or
- c. failed to furnish Performance Security within the period as stipulated in the NOA;
or
- d. refused to sign the Contract Agreement by the time specified in the NOA; or
- e. did not accept the correction of the Tender price following the correction of the arithmetic errors in accordance with the ITT; or

This guarantee will expire:

- (a) if the Tenderer is the successful Tenderer, upon our receipt of a copies of the contract signed by the Tenderer and the Performance Security issued to you in accordance with the ITT; or
 - if the Tenderer is not the successful Tenderer, twenty eight (28) days after the expiration of the Tenderer’s Tender validity period, being *[date of expiration of the Tender validity plus twenty eight(28) days]*
- Consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Seal

Section 6. Schedule of Requirements

Invitation for Tender No: : 44.08.2680.020.77.001.18.257
 Tender Package No: GR OPS (OPS -10)

Date: 12 Apr 2018

a. List of Goods and Delivery Schedule

When completing Form PG3-2 the Tender shall quote prices and contract delivery dates for each item against each lot and show each Lot separately, as specified in the List of Goods and Delivery Schedule.)

Lot No.	Description of Item	Unit of Supply	Quantity of Units required	Point of Delivery	Date Required (in weeks)
01	Access control system (Tripod Turnstile) with accessories	Line	07	CGHQ	12 weeks after signature the contract
02	Face Detection Access control with accessories	Line	18		
03	Automatic Barrier Gate with accessories	Line	04		
04	Furniture with guard room renovation items	Line	03		

SECTION –7. Technical Specifications

ACCESS CONTROL SYSTEM

Scope of Supply. Access Control System with necessary equipment to be supplied including test/trial and commissioning as per the specifications enumerated in the subsequent paragraphs. Services like installation, supervision and training are also included in the scope of supply.

1. LOT-1 ACCESS CONTROL SYSTEM (TRIPOD TURNSTILE) WITH ACCESSORIES.

Lot	Ser No	Access control system (Tripod Turnstile) with accessories	Qty
1	A.	Tripod Turnstile	02 in no's
	B.	Web Camera	01 in no
	C.	Computer	02 in no's
	D.	Monitor 21'' LED	02 in no's
	E.	UPS 1200VA (Off line)	03 in no's
	F.	Multi Plug Extension Lead Socket	10 in no's
	G.	Customized Attendance, Visitor & Car Management Software	01 in no

A. TECHNICAL SPECIFICATION TRIPOD TURNSTILE WITH FACE AND CARD:

1.	Model	To be Mentioned
2.	Brand	To be Mentioned
3.	Country of Origin	USA/EU/JAPAN/KOREA/
4.	Pedestal Dimension	To be Mentioned
5.	Power failure	When power goes OFF both directions are free
6.	Electrical Specification	<ul style="list-style-type: none">• Voltage: - AC 100 - 240V, 50/60Hz• DC source 12 V
7.	Material	<ul style="list-style-type: none">• Stainless steel housing and top• Electromagnetic Locking Mechanism• Servo Motor with automatic revolving arm
8.	Battery backup	12V, 7AH If supplied with backup battery, the battery will switch in during Mains AC failure and support Normal operation for at least 2 hours.
9.	Face data capacity	To be mentioned
10.	ID Card data capacity	To be mentioned
11.	Logs capacity	To be mentioned
12.	Passage width	To be mentioned
13.	Capacity free Enter	To be mentioned
14.	IP Rating	To be mentioned
15.	Warranty	2-years or more

B. TECHNICAL SPECIFICATION WEB CAMERA:

1.	Brand	To be mentioned
2.	Model	To be mentioned
3.	Country of Origin	USA/EU/JAPAN
4.	Focal Length	To be mentioned
5.	Maximum Resolution	To be mentioned
6.	Image Capture	To be mentioned
7.	Night Vision	To be mentioned
8.	Interface	To be mentioned
9.	Warranty	2-years or more

C. TECHNICAL SPECIFICATION COMPUTER:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	USA/EU/UK/JAPAN/Malaysia/Singapore
d.	Processor	Intel® core i7-6700 CPU @ 3.40GHz (6 th Gen)
e.	Motherboard	MSI or to be mentioned
f.	Chipset	Intel H61 Express Chipset.
g.	RAM	Min 16 GB DDR-4.
h.	Hard Drive	Min 1TB SATA (7200RPM).
i.	Optical Drive	DVD RW.
j.	Sound Card	Integrated Sound Card
k.	Keyboard	USB Multimedia Keyboard
l.	Mouse	Standard optical mouse
m.	Casing	ATX Thermal casing
n.	Software	OS-free DOS, all software/drive CD to be provided.
p.	Warranty	2-years or more

D. TECHNICAL SPECIFICATION MONITOR 21" LED:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	USA/EU/UK/JAPAN/Malaysia/Singapore
d.	Dimensions (WxDxH)	To be mentioned
e.	Display Type	LED
f.	Aspect Ratio	Widescreen
g.	Native Resolution	To be mentioned
h.	Contrast Ratio	To be mentioned
j.	Horizontal Viewing Angle	To be mentioned
k.	Vertical Viewing Angle	To be mentioned
l.	Video Bandwidth	To be mentioned
m.	Nominal Voltage	AC 120/230 V
n.	Color	high glossy black
p.	Image Brightness	To be mentioned
q.	Image Contrast Ratio	To be mentioned
r.	Cable	VGA & HDMI
s.	Warranty	2-Years or more

E. TECHNICAL SPECIFICATION UPS 1200VA (OFF LINE):

a.	Brand	To be Mentioned
b.	Model	To be Mentioned
c.	Country of Origin	To be Mentioned
d.	Back up Time	Not less than 30 minutes
e.	Warranty	2 Years

F. TECHNICAL SPECIFICATION MULTI PLUG EXTENSION LEAD SOCKET:

a.	Brand	Huntkey/ Rosenberger/ Link Basic
b.	Cable length	7ft long or above Cable
c.	Number of socket	05 in No Socket with individual switch
d.	Power	Max 2500W -Max10A,250V
e.	Country of Origin	To be Mentioned
f.	Warranty	2 Years

G. CUSTOMIZED ATTENDANCE, VISITOR, CAR & ACCESS CONTROL MANAGEMENT SYSTEM SOFTWARE: The feature of the software as follows:

(1) Attendance Management System Software

a. Attendance Management System Software Comprises with the followings:

(1) Employee Attendance Management.

b. Key Features:

- (1) Easily customizable.
- (2) User Friendly Interface.
- (3) Operation tracking according to trade language.
- (4) Multilevel security system and runtime customized application according to access right.
- (5) Integration of entire operation or across the modules eliminates duplication of works.
- (6) Interfacing with the CGRPMS.

c. Features of software: Organization Policy Setup.

- (1) Company Information.
- (2) Setup Multiple Department Information.
- (3) Employee Designation Setup.
- (4) Employee Designation wise Rank

d. Attendance Policy:

(1) Attendance Policy Setup.

e. Record:

- (1) Employee Information.
- (2) P/O No, Card ID, Name.
- (3) Contact Address, Father Name, DOB, NID, Cell Phone etc.
- (4) Job Information.
- (5) Advance Entry by Employee.
- (6) Employee Transfer Information.
- (7). Employee Discontinue Information.

f. Attendance Entry:

- (1) Read Attendance Data Directly from the Attendance Device.
- (2) Bulk Attendance Entry by Department (optional).
- (3) Employee Daily Attendance Update By database administrator (DBA).

g. Reports:

- (1) Employee Personal Information.
- (2) Employee Daily Attendance.
- (3) Discontinued Employee List.
- (4) Employees ID Card Generation.
- (5) Late Report by Branch or Rank.
- (6) Employee Monthly Attendance.
- (7) Department-wise Late by Date.
- (8) Employee-wise Late by Department.
- (9) Department-wise Early out.

(2) Visitor Management Software

a. Visitor Management Software: Options for data entry system of the visitors coming from different organization and with camera linked with software which will be kept near counter and it will take a snap of his face and it will stored in the data base. Data options requirement are as follows:

- (1) Name.
- (2) Address.
- (3) Organization.
- (4) Recommended person from CGHQ (Name and Rank).
- (5) NID no.
- (6) Mobile Number.
- (7) Picture Uploaded from the camera.
- (8) Entry pass number.
- (9) Special note entry.

b. Reports:

- (1) Daily /Monthly/ Yearly Visitor Detail Report.
- (2) Visitor in & out Time.

(3) Car Management Software

a. Car management software comprises with followings:

- (1) Car No.
- (2) Driver Name.
- (3) Mobile No.
- (4) Picture of Vehicle.
- (5) Model of the Vehicle.

b. Reports:

- (1) Daily Car Detail Report.
- (2) Car in & out Time.

(4). Security:

- (1) Two Level of User Security [Administrator & User].
- (2) Add/Edit/Delete Administrator Information with full authentication.
- (3) Add/Edit/Delete User information with menu level access privileges

(5). Tools: Data Backup Policy By using MySQL.

(6). System Tools: This automation is technically feasible for the windows based environment and as far our investigation the management is using windows based operating system in most of the location.

- (1) Front End:** HTML/JavaScript/PHP/DHTML
- (2) Database Server:** My SQL

2. LOT-2 FACE DETECTION ACCESS CONTROL WITH ACCESSORIES.

LOT	Line	Face Detection Access control with accessories	Qty
02	A.	Face Detection Access control	05 in no's
	B.	Exit Reader	02 in no's
	C.	Em Lock	05 in no's
	D.	U Canal & Iz bare	05 in no's
	E.	Digital signature pad	04 in no's
	F.	Fingerprint Scanner	04 in no's
	G.	40" LED TV (SMART)	01 in no
	H.	Windows Server 2016 standard OPL License with (CAL 5)	01 in no
	J.	Switch 8 Port Gigabit manageable	02 in no's
	K.	Switch 16 Port Gigabit manageable	02 in no
	L.	Cable, 2 Core, 5A	200 Mtr
	M.	Media Converter	01 Pair
	N.	Patch Cord CAT-6	20 in no's
	P.	Joint connector	20 in no's
	Q.	CAT.6 UTP Cable 305M	02 Box
	R.	RJ-45 Internet Cable Connector 100pcs	01 Box
	S.	MK Box Single(Plastic)	20 in no's
T.	Single Face Plate with CAT6 Module	10 in no's	

A. TECHNICAL SPECIFICATION FACE DETECTION ACCESS CONTROL WITH FACE AND CARD:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	USA/EU/Japan
d.	Display size	To be mentioned
e.	Working mode	Offline/ Online
f.	Verification Time	To be mentioned
g.	False Rejection Rate	To be mentioned
h.	Face data capacity	To be mentioned
j.	ID Card data capacity	To be mentioned
k.	Logs capacity	To be mentioned
l.	Sound indicator	Buzzer, Voice
m.	Color	To be mentioned
n.	Keypad	Sensitive Touch
p.	Interface	TCP/IP communication interface to PC
q.	Rated Power	Max. 50w
r.	Backup Battery	2000 mAh
s.	Software	As required and need to be included with the access control Customized software.
t.	Warranty	2-years or more

u.	Optional Functions	The system comprises of RFID card punched & Face access control system (entry and exit) and scanner connected via a network to the server in which the visitors and Coast Guard members attendance software is installed. The dual mode biometric time and attendance terminal includes both a camera for facial recognition and a fingerprint capture device for versatile and secure biometric applications.
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B. TECHNICAL SPECIFICATION EXIT READER:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	USA/EU/Japan
d.	User Capacity	To be mentioned
e.	Card Reader	Inbuilt EM RFID (Proximity) card and Fingerprint
f.	Working mode	Offline/ Online
g.	Verification Time	To be mentioned
h.	False Rejection Rate	To be mentioned
j.	Color	To be mentioned
k.	LED Indicator	Green/Red
l.	Keypad	Sensitive Touch
m.	Interface	TCP/IP communication interface to PC
n.	Warranty	2-years or more

C. TECHNICAL SPECIFICATION EM LOCK:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	USA/EU/ Japan
d.	Size	To be mentioned
e.	Armature Plate Dimension	To be mentioned
f.	Operating voltage	Up to DC 12V, 400mA
g.	LED indicators	Red for sensor detection, Green for normal
h.	Holding Force	To be mentioned
J.	Accessories	To be mentioned
k.	Warranty	2-years or more

D. TECHNICAL SPECIFICATION U CANAL & LZ BARE:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	USA/EU/UK/JAPAN
d.	Size	To be mentioned
e.	Holding Force	To be mentioned
f.	Warranty	2-years or more

E. TECHNICAL SPECIFICATION DIGITAL SIGNATURE PAD:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	To be mentioned
d.	Dimensions (W x H x D)	To be mentioned
e.	Power supply	Via USB
f.	Color	To be mentioned
g.	Communication interface	USB 2.0 (full speed)
h.	Supported operating systems	Windows® 10,8, 7, Vista, Vista x64, XPTM (excl x64 version), Mac OS X 10.6.8 or later
j.	Display	To be mentioned
k.	Screen diagonal	To be mentioned
l.	Warranty	3-years or more

F. TECHNICAL SPECIFICATION FINGERPRINT SCANNER:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country Of origin	To be mentioned
d.	Fingerprint sensor	To be mentioned
e.	Resolution	500 DPI/256 gray
f.	Sensing Area	15x18 mm
g.	Image Size	280x360 pixel
h.	Interface	USB1.1/2.0
j.	Support O/S	Windows 2000/XP/2003/Vista/7/8/10(32/64bit)
k.	Operating Temperature	0° - 55°C/32 - 131°F
l.	Operating Humidity	20% - 80%
m.	Color	Black
n.	Weight	To be mentioned
p.	Dimension (WxHxD)	To be mentioned

G. TECHNICAL SPECIFICATION FULL HD 40 INCH LED SMART TV:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	To be mentioned
d.	Features:	1.1GHz Quad Core Processor, 2.5 GB RAM, Android 5.1 OS, Browser, Built in Stereo Speaker, Clean Master, Digital Noise Reduction, Eye Safe-T Matrix, Facebook, Hotstar, Illuminating Entertainment, Media Center, Netflix, One Fun Destination, Screen Mirroring, Smart Air Mouse Controller, Smart Power Saving, Twitter, VLC Player, Youtube, Yupp TV.
e.	Display Type:	LED
f.	Screen Size:	40 Inches
g.	Connectivity:	AV, HDMI, LAN, USB, WiFi

h.	Resolution:	3840x2160
j.	Audio Output:	20 Watts
k.	Number of Speakers:	2
l.	Color:	Black
m.	Display Features:	Full HD Features
n.	Functionality:	Gaming TV Units
p.	Warranty:	3 Years or more

H. TECHNICAL SPECIFICATION WINDOWS SERVER 2016 STANDARD OPL LICENSE WITH CAL-5:

Ser No	Description	Qty
a.	Microsoft windows server STD core 2016 OLP 2 LIC NL GOV CORELIC	8
b.	Microsoft windows server Cal 2016 OLP NL GOV DVCCAL	5

J. TECHNICAL SPECIFICATION SWITCH 8 PORT GIGABIT MANAGEABLE:

Name Of Item	Description
Switch 8 Port Gigabit manageable	<p>1. Standards:- 802.3 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet, 802.3ab, 802.3x Flow Control, 802.3 ad LACP, 802.1D STP, 802.1Q/p VLAN, 802.1w Rapid STP, 802.1s Multiple STP, 802.1X Port Access Authentication Or better</p> <p>2. Cabling type:- Category 5 or better</p> <p>3. LED indicators:- 10/100 Link/Act, Speed, System</p> <p>4. Ports:- 8 RJ-45 connectors for 10BASE-T and 100BASE-TX Console port Auto MDI/MDI-X Auto-negotiate/Manual setting</p> <p>5. Power supply:- DC 12V, 500mA</p> <p>6 Lock slot:- Slot for Kensington lock</p> <p>7. Physical dimensions (W x D x H):- (279 x 45 x 170 mm)</p> <p>8. Switching capacity:- 1.6 Gbps or better</p> <p>9. Forwarding capacity:- 1.19.mpps or better</p> <p>10. Mounting options:- Desktop or rack mount</p> <p>11. Brand:- To be Mentioned by bidder</p> <p>12. Country of Origin:- To be Mentioned by bidder</p> <p>13. Year of Manufacture:- 2016 or Later</p> <p>14. Model :- To be Mentioned by bidder</p> <p>15. Warranty:- 01-year</p>

K. TECHNICAL SPECIFICATION SWITCH 16 PORT GIGABIT MANAGEABLE:

Name Of Item	Description
Switch 16 Port Gigabit manageable	<p>1. Standards:- 802.3 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet, 802.3ab 1000BASE-T Gigabit Ethernet, 802.3z Gigabit Ethernet, 802.3x Flow Control, 802.3 ad LACP, 802.3af PoE, 802.1D STP, 802.1Q/p VLAN, 802.1w Rapid STP, 802.1s Multiple STP, 802.1X Port Access Authentication Or better</p> <p>2 Cabling type:- Category 5 or better</p> <p>3. LED indicators:- System, Link/Activity, Gigabit</p> <p>4. Ports: 16 10/100/1000 RJ-45 ports and 2 shared MiniGBIC slots.</p> <p>5. Power supply:- 110-240VAC, 50-60 Hz, internal, universal</p> <p>6 Lock slot:- Slot for Kensington lock</p> <p>7. Physical dimensions (W x D x H):- (430 x 45 x 350 mm)</p> <p>8. Weight:- 7.3 lb (3.311 kg)</p> <p>9. Ports:- 24 RJ-45 connectors for 10BASE-T/100BASE-TX</p> <p>10. Switching capacity:- 4.8 Gbps or better</p> <p>11. Forwarding capacity:- 3.6 Mpps or better</p> <p>12. Mounting options:- Desktop or rack mount</p> <p>13. Brand:- To be Mentioned by bidder</p> <p>14. Country of Origin:- To be Mentioned by bidder</p> <p>15. Year of Manufacture:- 2016 or Later</p> <p>17. Model :- To be Mentioned by bidder</p> <p>18. Warranty:- 01-year</p>

L. TECHNICAL SPECIFICATION CABLE, 2 CORE, 5A:

Name Of Item	Description
Cable, 2 Core, 5A	<ol style="list-style-type: none">1. Cable:- PVC insulated & PVC Sheathed flexible cable2. cord:- Flexible cord3. RM:- 2x0.65mm (23/0.19mm)4. Volt:- 300/400V5. AMPS:- Ext-10/A6. Brand:- To be Mentioned by bidder7. Country of Origin:- To be Mentioned by bidder8. Year of Manufacture:- 2016 or Later9. Warranty:- 01-year

M. TECHNICAL SPECIFICATION MEDIA CONVERTER:

Name Of Item	Description
Media Converter	<ol style="list-style-type: none">1. Supports Full Duplex Ethernet Mode, Standard RJ-45 port is provided for connecting to Ethernet.2. Ethernet Rate:- 10/1003 Brand:- Netgear/Cisco/Nextwave/Aptteic/Ad Net4. Country of Origin:- To be Mentioned by bidder5. Year of Manufacture:- 2016 or Later6. Model :- To be Mentioned by bidder7. Warranty:- 01-year

N. TECHNICAL SPECIFICATION PATCH CORD CAT-6

Name Of Item	Description
Patch Cord CAT-6	<ol style="list-style-type: none">1. Cable Length:- 05 Mtr/15 FT2. Brand:- Rosenberger/Link Basic/ D-link (original)3. Country of Origin:- To be Mentioned by bidder4. Year of Manufacture:- 2016 or Later5. Warranty:- 01-year

P. TECHNICAL SPECIFICATION JOINT CONNECTOR:

Name Of Item	Description
Joint connector	<ol style="list-style-type: none">1. Latest model2. Brand:- To be Mentioned by bidder3. Country of Origin:- To be Mentioned by bidder4. Year of Manufacture:- 2016 or Later

Q. TECHNICAL SPECIFICATION CAT.6 UTP CABLE 305M:

Name Of Item	Description
CAT.6 UTP Cable 305M	<ol style="list-style-type: none">1. Conductor:-100% Copper Cable2. It supports current high-bandwidth applications, especially suitable for application of Fast-Ethernet3. 100% copper certificate to be provided.4. Brand:- Rosenberger/Link Basic/ Litex/ belden5. Country of Origin:- To be Mentioned by bidder6. Year of Manufacture:- 2016 or Later7. Warranty:- 01 year Or Above

R. TECHNICAL SPECIFICATION RJ-45 INTERNET CABLE CONNECTOR 100PCS:

Name Of Item	Description
RJ-45 Internet Cable Connector 100pcs	<ol style="list-style-type: none">1. Brand:- Rosenberger/Link Basic/ D-link (original)/ Litex/ belden2. Country of Origin:- To be Mentioned by bidder3. Year of Manufacture:- 2016 or Late

S. TECHNICAL SPECIFICATION MK BOX SINGLE (PLASTIC):

Name Of Item	Description
MK Box Single (Plastic)	<ol style="list-style-type: none">1. Latest model2. Brand:- To be Mentioned by bidder3. Country of Origin:- To be Mentioned by bidder4. Year of Manufacture:- 2016 or Later

T. TECHNICAL SPECIFICATION SINGLE FACE PLATE WITH CAT6 MODULE:

Name Of Item	Description
Single Face Plate with CAT6 Module	<ol style="list-style-type: none">1. Latest model2. Brand:- To be Mentioned by bidder3. Country of Origin:- To be Mentioned by bidder4. Year of Manufacture:- 2016 or Later

3. LOT-3 AUTOMATIC BARRIER GATE WITH ACCESSORIES:

Lot	line	Automatic Barrier Gate with accessories	Qty
03	A.	Automatic Barrier Gate	02 in no's
	B.	UHF RFID Integrated Reader	02 in no's
	C.	Loop detectors for auto closing and reading trigger system	04 in no's
	D.	UHF RFID Windshield Tag	200 in no's

A. TECHNICAL SPECIFICATION AUTOMATIC BARRIER GATE:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	USA/EU/JAPAN/KOREA
d.	Rotating Speed of Motor	To be mentioned
e.	Opening Time	To be mentioned
f.	Closing Time	To be mentioned
g.	Useful Passage	To be mentioned
h.	Board Power Supply	To be mentioned
i.	Motor Power Supply	To be mentioned
j.	Control Unit	To be mentioned
k.	Power Input	To be mentioned
l.	Impact Reaction	Sensitive Edge
m.	Memory capacity	To be mentioned
n.	Protection Rating	IP54
p.	Warranty	2-years or more

B. TECHNICAL SPECIFICATION UHF RFID INTEGRATED READER:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	USA/EU/JAPAN/KOREA
e.	Frequency range	To be mentioned
f.	FM mode	To be mentioned
g.	RF output	To be mentioned
h.	Communication interface	To be mentioned
j.	Local Control Switches and push buttons	To be mentioned
k.	Air interface	To be mentioned
l.	Power supply	To be mentioned
m.	Diameter of support rod	To be mentioned
n.	Protection grade	To be mentioned
p.	Pass Speed	To be mentioned
q.	Read distance	To be mentioned
r.	Working mode	Read and Write
s.	Software	As required and need to be included with the access control software.
t.	Warranty	2-years or more

u.	Optional Functions	Automatic entry and exit of vehicle by raising the bar connected via a network to the server in which the car attendance software is installed.
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C. TECHNICAL SPECIFICATION LOOP DETECTORS FOR AUTO CLOSING AND READING TRIGGER SYSTEM:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	USA/EU/JAPAN
d.	Type	Auto closing and reading trigger
e.	Warranty	2-years or more




D. TECHNICAL SPECIFICATION UHF RFID WINDSHIELD TAG:

a.	Brand	To be mentioned
b.	Model	To be mentioned
c.	Country of Origin	USA/EU/JAPAN/KOREA
d.	Type	UHF passive RFID tags
e.	Frequency	To be mentioned
f.	Standards/Protocols	To be mentioned
g.	Size	To be mentioned
h.	Memory Size	To be mentioned
i.	Chip	Alien H3
j.	Reading Distance	0-8M (Related to reader performance and working environment)
k.	Applications	Vehicle access control; residential management; asset management; warehousing; logistics; aviation; retail, etc.
l.	Storage Temp	To be mentioned
m.	Warranty	2-years or more

4. LOT- 4 FURNITURE WITH GUARD ROOM RENOVATION ITEMS

Lot	Line	Items
04	A.	Furniture
	B.	Electrical items
	C.	Others Accessories and Guard Room Renovation Items

A. FURNITURE:

Lot No	Furniture	Qty	Picture
4	a. Record room table: Supply, fitting and fixing of 18mm Malamine board table top, 18mm Malamine board Partition, 1.5mm thick edge. All complete with necessary hardware and accessories. Table Size 4'X2'	2 pic	-
	b. Entry counter table: Supply, fitting and fixing of 18mm Malamine board table top, 18mm Malamine board Partition, 1.5mm thick edge. All complete with necessary hardware and accessories. Table Size 4'X2'	2 pic	-
	c. Cabinet: Full Hight Cabinet- Supply, fitting and fixing of full Height Wall Cabinet in combination of open and close doors for dining zone made locally with 18mm Garzon board and back side of 6 mm Garzon ply and 1/2"X1/2" Garzon wood bit. Product will done with all related Polish work with best quality of Hardware and Accessories	40 sft	-
	d. Two seat sofa: Two seat sofa made of all structure solid wood (Teak) with pure leather covered foam cushion color (as per selection). Size:L-1500xH-540&H-400xW-540. Leather color should be as particular choice. Sprays lacquer finishing should be according to the wood used.	3 Pic	
	e. Tea table: All structure wood top with 8 mm clear glass oval shape. Size: L60 x B30 x H18 inch. Solid wood leg Thickness 38mm Hasia 60mm Top 20mm. Smooth and high glossy gorgeous color state of art sprays lacquer finishing.	1 Pic	
	f. Movable chair (steel): High quality revolving chair. Swivel height adjustable with tilting facility. Structure made of cold rolled mild steel. Foam cushioning covered with high quality PVC leather. PVC leg with 5nos castors. Rexene should be as per purchaser choice. Size: Seat - 460 x 430mm & Back - 390 x 260mm. Height: Floor to seat min.460 and Floor to back min.830mm. Color: as per purchaser choice.	4 nos	

B. ELECTRICAL ITEMS:

Lot No	ELECTRICAL ITEMS	QTY
4	a. FAN: Supplying, fitting and fixing 56"Fan(GFC) all complete with necessary hardware and accessories.	3 nos
	b. LIGHT: Supplying, fitting and fixing LED Tube Light Shade. All complete with necessary hardware and accessories. 1 year warranty.	8 nos
	d. SWITCH, SOCKETS: Brand:- To be Mentioned by bidder Country of Origin:- To be Mentioned by bidder Year of Manufacture:- 2016 or Later	10 nos

C. OTHERS ACCESSORIES AND GUARD ROOM RENOVATION:

Lot No	Guard room renovation items	Qty
4	a. DISMANTLE WORK: 5" Brick Wall Dismantle: Waiting area (105sft), Backside Staff entry area (90sft), Record room wall (25sft) and Waiting area new toilet additional plumbing for drainage line (35sft).	LS sft
	b. ADDITIONAL BRICK WORK: 5" Brick Additional Wall: Waiting area(58sft), Back entry CPOD,POD room area(58sft), 10" Brick Additional Wall: Main entry area and low hight wall	158 sft
	c. ADDITIONAL STAIR WORK: Main entry guard room stair Back entry CPOOD,POOD room stair	88 sft
	d. ADDITIONAL TOILET WORK: 5" Brick Additional Wall: Toilet wall(82sft)	82 Sft
	e. ADDITIONAL TOILET WALL: Supplying, fitting and fixing of wall Tile's ,hight - 7". All complete with necessary civil work and accessories.	111 Sft
	f. ADDITIONAL STAIR: Supplying, fitting and fixing of Stair Tile's. all complete with necessary civil work and accessories.	108 Sft
	g. ADDITIONAL TOILET COMMOD, BASIN & OTHERS: Supplying, fitting and fixing of Commode & Basin (Model-Amanda, Brand-RAK), With Basin tap ,Shower tap ,Towel rail, Tissue holder(PVC), Mirror, Basin glass Self. All complete with necessary hardware and accessories.	1 Set
	h. ADDITIONAL TOILET DOOR: Supplying, fitting and fixing PVC Toilet door (Brand-RAK). All complete with necessary hardware and accessories.	1 Nos
	j. WALL PANEL: Wall panel - Supplying, fitting and fixing of made with 14mm garzon particle board with paint local Brand and all complete with necessary hardware and accessories.	64 sft
	k. THAI GLASS: Supplying, fitting and fixing of made with Thai aluminum combination of fixed and sliding window. Glass 6mm.	80 sft
	l. GLASS PARTITION : Supply, fitting & Fixing of 10mm Frameless Glass Partition fixed between floor and ceiling , glass joints and gaps filled with silicon gum all complete with necessary hardware and accessories	102 sft
	m. GLASS DOOR : Frameless Tempered Glass Door Supply, fitting & Fixing of 10mm Frameless Tempered Glass Door including automated door closer, hinges, handles, etc all material.	2 nos
	n. WALL PAINT: Supply Wall paint Color Bank Easy Clean/Easy Breath all complete	As Required

4. **Installation & Training:** Bidder/supplier will arrange training for 07 persons minimum four days training at their cost.

5. **Terms of Payment:** Payment will be made in local currency on completion of successful test trial jointly carried out by BCG and supplier's representative and final acceptance by CI & QC of BCG. Total mandatory price and optional price is to be submitted separately during quotation submission/offer.

6. **Liquidated Damage.**

- a. The liquidated damage shall be one half of one percent (**0.5%**) of the contract value per week of part thereof.
- b. The maximum amount of liquidated damages shall be **10%** contract value.

7. **Terms and Conditions:**

- a. Bidder will provide network operating system, LAN/Internet connectivity and necessary hardware to run the custom software solution developed.
- b. Bidder have to provide API to CGRPMS developer for integrating the system with other module.
- c. Coast guard provide database server in order to use the Software.
- d. Bidder will provide required information and interactions during design, development and installation of the software.
- e. The automated solution will be completed as per the project schedule with in the stipulated time frame.
- f. Bidder will provide necessary training during installation and test run of the custom software solution.
- g. Bidder will provide the followings as the end product:
 - (1) Attendance, Visitor, Car & Access Control Management System
 - (2) User Training
 - (3) Manual (Two copy manual each equipment) .
 - (4) Maintenance manual.
- h. Bidder will provide twelve months service and maintenance free of charge and will be responsible for all the debugging of the custom software solution.
- g. Bidder will be mentioned provide the charges of convince bill and human recourse man-hour cost after twelve months of the final installation of The Software.
- j. Software must be interfaced with all types of net base equipment fitted in Coast guard Server room. Standard API (Application Programming Interface) must be provided by the software company to interface with existing software system of Bangladesh Coast Guard. i.e (CGRPMS, Vehicle

- k. Bidder should be able to customize (Add/Modify) the software within warranty period.
 - l. The software needs to be compatible with the existing software of existing smart Identity (ID) Card of Bangladesh Coast Guard through database/or other link.
 - m. During the entry through tripod or door lock, ID card or Entry pass and face (by a device known to be uface or to be mentioned) will be used for face recognition and give access the person by opening the door lock for Coast Guard Members and Visitors (if possible).
 - n. For Member of BCG: ID card number with P/Official number, Name rank and given mobile number will be stored previously from the existing ID Card data base. So that his smart ID card is recognized by the access control system.
 - p. Designated Identity Card numbers & person will be authorized for entrance in the CGHQ, Magazine and INT office.
- 8. Delivery Place.** The software is to be installed at Coast Guard Headquarters, Dhaka or any of the CG Base/Station designated by Coast Guard.
- 12. Validity of Offer.** 120 Days from the date of tender opening.
- 9. Condition for Acceptance of Quotation.** Quotation has to have supporting documents describing Scope, Timeline and delivery plan.
- 10. Port of Shipment.** Relevant document need to submit during supply of goods.
- 11. Compliance.** A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotations. Stating 'Yes' or 'No' will not suffice and detailed description/ information as required is to be given. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with the offered Vehicle Tracker, the deviation has to be spelt out clearly.