

ANDREW YULE & COMPANY LIMITED
(A Government of India Enterprise)
8, Dr. Rajendra Prasad Sarani
Kolkata – 700 001

NOTICE INVITING TENDERS

ANDREW YULE & CO. LTD. invites e-Tender under two part system (**Part I: Techno-Commercial Bid and Part II: Price Bid**) from bona fide and reputed OEM or OEM Authorized **Company/Firm** for supply, the details of which are available in Annexure-III “**Scope of Work / Technical Specification**” as specified in this tender document.

Tender document may be downloaded from MSTC website www.mstcecommerce.com/eprochome/aycl or www.andrewyule.com. Corrigenda or clarifications, if any, shall be hosted on the above mentioned websites only. AYCL reserves the right to accept or reject any tender.

Schedule of Tender

1.	TENDER NO.	AYCL/HO/GD/Fire Alarm/01 Dated. : 07/11/2018
2.	MODE OF TENDER	e-Procurement System Online submission of Part I - Techno-Commercial Bid and Part II - Price Bid through www.mstcecommerce.com/eprochome/aycl The intending bidders are required to submit their offer electronically through this e-tendering portal. No physical tender is acceptable by AYCL/MSTC
3.	E-Tender No. / Event No.	AYCL/TEA DIVISION/107/18-19/ET/284
4.	Date of publication of e-Tender through publication MSTC/AYCL websites and Central Public Procurement Portal	09/11/2018
5.	Date of availability of NIT to the Vendors for downloading	09/11/2018
6.	Earnest Money and other document	<ul style="list-style-type: none"> • “Earnest Money Deposit” of Rs.8000.00 (Rupees eight thousand only) may be paid by Cheque/D.D. favouring Andrew Yule & Co Ltd., payable at Kolkata. • Other document as described in Annexure – I, Sl. No. 2
7.	Last date of submission of EMD & other documents to AYCL Ltd.	26/11/2018

8.	Date of Starting of e-Tender for submission of Online Techno-Commercial Bid and Price Bid at www.mstcecommerce.com/eprochome/aycl	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.
9.	Date of closing of Online e-tender for submission of Techno-Commercial Bid & Price Bid at www.mstcecommerce.com/eprochome/aycl	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.
10.	Date & time of opening of Part-I (Techno-Commercial Bid)	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.
11.	Date & time of opening of Part-II (Price Bid)	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.

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ANDREW YULE & COMPANY LIMITED

Important Instructions for E-procurement
Ref.E-Tender No.: AYCL/TEA DIVISION/11/18-19/ET/49
Ref. Tender No.: AYCL/HO/GD/Fire Alarm/01

This is an e-procurement event of **ANDREW YULE & COMPANY LTD, TEA DIVISION**

You are requested to read the Terms & Conditions (Annexure- II,III,IV) of this tender before submitting your online tender. Tenderers who do not comply with the Conditions with documentary proof (wherever required) will not qualify in the Tender for opening of Price Bid.

1. Process of E-tender:

A) **Registration:** The process involves vendor's registration with MSTC e-procurement portal which is free of cost. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Techno-Commercial Bid as well as Price Bid over the internet will be done. The Vendor should possess Class III signing type Digital Signature Certificate. Vendors are to make their own arrangement for bidding from a PC connected with Internet. MSTC is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).

SPECIAL NOTE: THE PRICE BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT www.mstcecommerce.com/eprochome/aycl

- 1) Vendors are required to register themselves online with www.mstcecommerce.com → e-Procurement → PSU / Govt. depts. → Register as Vendor under AYCL- Filling up details and creating own user id and password → Submit.
- 2) Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form.

In case of any clarification, please contact MSTC/AYCL (before the scheduled time of the e-Tender).

Contact person for Techno Commercial clarification(ANDREW YULE & COMPANY LTD):

1. Mr. Satyendra Kumar Pandey
Dy. Manager (Personnel & Administration)
Mobile No. 93390 27941
Email: satyendrakumar.pandey@andrewyule.com

Contact person (E-Commerce, MSTC Ltd):

- | | |
|---|--|
| <p>1. Mr. Pritam Biswas
Asst. Manager (ERO)
MobileNo: 09903248755
Email: pbiswas@mstcindia.co.in</p> | <p>2. Mr. Mayank Jain,
Asst. Manager (ERO)
Mobile- 09721277969
Email: mhjain@mstcindia.co.in</p> |
| <p>3. Ms Vikash Kumar Jaiswal
Regional Manager (ERO)
Mobile-09903042449
Email: vikash@mstcindia.co.in</p> | <p>4. Helpline: (033) 22901004</p> |

System Requirement:

- i) Windows XP-SP3 or above / Windows 7 Operating System
- ii) IE-7 or above Internet browser.
- iii) Signing & Encryption type digital signature
- iv) JRE 7 update 79 software to be downloaded and installed in the system. Security level should be medium
- v) To enable ALL active X controls and disable 'use pop up blocker' under Tools → Internet Options → custom level (Please run IE settings from the page www.mstcecommerce.com once)

1. Part-I: Submission of EMD & other Documents:

Within stipulated time from the publication of advertisement the vendor must submit the following documents to Dy. Manager(Personnel & Administration), Andrew Yule & Co. Ltd., 8 Dr. Rajendra Prasad Sarani, Kolkata – 700001. Off-line.

- Earnest Money of Rs.8000/- (Rupees eight thousand only) by Cheque/DD favouring Andrew Yule & Co. Ltd. Payable at Kolkata
- General information, under Annexure-II complete in all respect alongwith desired document.
- Acceptance of Scope of Work/Technical Specification, under Annexure-III. alongwith desired information/Data.
- Acceptance of General Terms & Conditions, under Annexure-IV. alongwith desired information/Data.

In case of failure to submit the EMD and other document within the stipulated time, the Tender may be rejected.

Part-II: Online Bid submission: On the basis of submission of EMD and other Documents at Andrew Yule & Co.Ltd. , the list of vendors who will participate in online Techno commercial and price bid submission will be finalized. Only those qualified bidders will be eligible to submit Online Techno-commercial and price bid.

Bidding in e-Tender:

- a. No interest will be paid on EMD. EMD of the unsuccessful bidder(s) will be refunded by ANDREW YULE & COMPANY LTD.EMD to be paid along with the Document with in the last date as mentioned in SOT.
- b. The process involves Electronic Bidding for submission of Techno Commercial Bid as well as Price Bid.
- c. The bidder(s) who have submitted the EMD and documents to Andrew Yule will be short listed by Andre Yule and those qualified bidders can only submit their Techno Commercial Bids and Price Bid through internet in MSTC website www.mstcecommerce.com → e-procurement → Psu / Govt depts. → Login under AYCL→ My Menu → Auction Floor Manager → live event → Selection of the live event.
- d. The bidder should allow to run an application namely enApple by accepting the risk and clicking on run. This exercise has to be done twice immediately after opening of Bid floor. Then they have to fill up Common terms /Commercial specification and save the same. After that clicking on the Techno-Commercial bid, if this application is not run then the bidder will not be able to save / submit his Techno-Commercial bid.
- e. After filling the Techno-Commercial Bid, bidder should click 'save' for recording their Techno-Commercial bid. Once the same is done, the Price Bid link becomes active and the same has to filled up and then bidder should click on "**Save**" to record their Price Bid. Then once both the Techno-Commercial bid & Price Bid has been saved, the bidder can click on the "**Submit**" button to register their bid.
- f. Vendors are instructed to use link in **My Menu to Upload Documents** in document library. Multiple documents can be uploaded. Maximum size of single document for upload is 5 MB.
- g. Once documents are uploaded in the library, vendors can attach documents through *Attach Document* link against the particular tender. For further assistance please follow instructions of vendor guide.
- h. In all cases, bidder should use their own ID and Password along with Digital Signature at the time of submission of their bid.

- i. During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else.
- j. The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.
- k. Techno-Commercial bid will be opened electronically on specified date and time as given in the NIT. Bidder(s) can download Technical Comparative statement.
- l. Price bid will be opened electronically on specified date and time given in the NIT. Bidder(s) can download Price Comparative statement.
- m. All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
- n. All electronic bids submitted during the e-tender process shall be legally binding on the bidder. Any bid will be considered as the valid bid offered by that bidder and acceptance of the same by the Buyer will form a binding contract between Buyer and the Bidder for execution of supply. Such successful tenderer shall be called hereafter **SUPPLIER**.
- o. It is mandatory that all the bids are submitted with Digital Signature Certificate otherwise the same will not be accepted by the system.
- p. Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.
- q. No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any bidder confirms his acceptance of terms & conditions for the tender.
- r. Unit of Measure (UOM) is indicated in the e-tender Floor. Rate to be quoted should be in Indian Rupee as per UOM indicated in the e-tender floor/tender document.

E-tender cannot be accessed after the due date and time mentioned in NIT.

All notices / corrigendum and correspondence to the bidder(s) shall be sent by email only during the process till finalization of tender by ANDREW YULE & COMPANY LTD/MSTC LTD. Hence the bidders are required to ensure that their corporate email I.D. provided is valid and updated at the stage of registration of vendor with MSTC. Bidders are also requested to ensure validity of their DSC (Digital Signature Certificate).

Any order resulting from this open e-tender shall be governed by the terms and conditions mentioned therein.

No deviation to the technical and commercial terms & conditions are allowed.

ANDREW YULE & COMPANY LTD has the right to cancel this e-Tender without assigning any reason thereof.

The online tender should be submitted strictly as per the terms and conditions and procedures laid down in the website www.mstcecommerce.com/eprochome/aycl of MSTC Ltd.

The bidders must upload all the documents required as per terms of NIT. Any other document uploaded which is not required as per the terms of the NIT shall not be considered.

The bid will be evaluated based on the filled-in technical & commercial formats.

Bidders are requested to read the vendor guide and see the video in the page www.mstcecommerce.com/eprochome/mstc of MSTC Ltd. to familiarize them with the system before bidding.

ANDREW YULE & COMPANY LIMITED

General Information

Ref.E-Tender No.: AYCL/TEA DIVISION/107/18-19/ET/284

Ref. Tender No.: AYCL/HO/GD/Fire Alarm/01

(This document should be dully filled up and attached along with EMD)

The applicants are required to furnish full information to the queries included in this form. In giving the particulars, the supporting documents/certificates as called for per queries at places, must be tagged with the application for evidencing the information furnished in the application.

1. Name of the firm in full :

2. Address, Telephone No.,
Fax No. & E-mail :
a) Address :

b) Telephone No. :

c) Fax No. :

d) E-mail ID :

3. Status of the organization :

4. Trade Licence No. :
(Please attach photocopy of the licence)

5. Banker's name
(a) Name of the Bank :

(b) Name of the Branch :

(c) Account No. :

Note : A copy of Banker's Certificate to be attached.

6. GST Registration No. :
(Please attach photocopy GST Registration Certificate/Acknowledgement of GST Enrolment Form

7. I. T. Permanent Account No.:
(Please attach photocopy of PAN Card)

8. Financial Capacity : Year (2017-2018)

(a) Fixed capital :

(b) Working capital :

I/we hereby certify that the particulars furnished by me/us above are true to the best of my / our knowledge and belief and mis-representations of facts will render me/us liable to my/our action as may be deemed fit by Andrew Yule & Co. Ltd. (Tea Division) & have the sole discretion to reject or accept my/our candidature.

(Signature of the Applicant)
Office Stamp/Seal.

Place :

Date ;

List of Enclosures :

ANDREW YULE & COMPANY LIMITED
Scope of Work / Technical Specification
Ref.E-Tender No.: AYCL/TEA DIVISION/107/18-19/ET/284
Ref. Tender No.: AYCL/HO/GD/Fire Alarm/01

1. Scope of Work

Supply as per specification, FOR Kolkata including installation and commissioning at site.

2. Technical Specification of FIRE ALARM & CONTROL PANEL (FACP)

EN standard VDS approved Microprocessor based 3 loops expandable up to minimum 7 loops Fire alarm control panel. The controller should allow a combined loop and spur structure with a maximum length of 3.5 km. Up to 127 bus devices can be divided in up to 127 detector zones, which guarantees a high degree of planning and application flexibility. Each detector should be supplied with isolators, while other bus devices can be provided with them optionally for each bus device to remain operational in the case of a wire break or short-circuits. Only the corresponding part of the loop located between the affected bus devices should be automatically isolated.

Upon receipt of an alarm, the control units should perform the following actions.

- Illuminate fire zone in the control panel.
- Active alarm warning devices within the Building
- Operate internal fire sounder.

If required any addressable Devices should be able to be deactivated by operation of the "Silence Alarm" switch. Reset of the controller, after the fire incident has been investigated, will be achieved by operation of the reset-switch

Technical Specification .

Mains voltage: 230 VAC
Mains frequency: 50 to 60 Hz
Rated voltage: 12 VDC
Quiescent current: 300 mA w/o operating unit
Rated current: 0.7 A
Emergency power supply: 12 V/max. 2 x 24 Ah
Ambient temperature: -5 °C to +45 °C
Storage temperature: -10 °C to +50 °C
Room climate: Class 3K5 as per IEC 721-3-3: 1994
Class of protection: I as per DIN EN 60950-1
Type of protection: IP 30
Housing: ABS, 10 % glass fibre reinforced, V-0
Colour: grey, similar to Pantone 538
Weight (w/o battery): 11.5 kg
Dimensions (W x H x D): 450 x 640 x 185 mm
Approval: VdS approval G 299044

The fire alarm panel should be wall mounted and modular microprocessor based in nature and expandable, each loop capable of up to 250 detectors & devices in any combination.

The enclosures of panels should be fabricated from sheet steel, minimum thickness 1.5 mm with a hinged lockable door protection. The fire alarm control panels (FACP) should comply with the following :

- a) Mains supply "ON" indicator
- b) "FIRE" indicator
- c) "Fault" indicator
- d) Alarm indicator for each zone
- e) Alarm accepts push button to acknowledge fire alarm signals, silence external audible alarms.
- f) Reset facility to restore monitoring systems to the quiescent condition.
- g) Integral sealed battery and trickle battery charger.
- h) Termination for incoming and outgoing wiring systems.
- i) Suitable System fault indication both visual and audible.
- j) Integral power supply with stand by battery.

FACP should be able to supervise detection circuits and generate an alarm in case of abnormal conditions. FACP should also be able to provide general-purpose inputs for monitoring such functions as low battery or AC power failure and provide tamper protection and commendable outputs, which can operate relays or logic level devices. FACP should be able to provide monitoring and control of one floor or area or for multiple floors or areas. FACP shall meet the following requirements to assure the integrity and reliability of the system:

- a. The FACP is Vds/UL listed independently as a fire alarm control panel.
- b. The FACP has integrated power distribution module and fixed cabling done internally to guarantee a clear and tidy cable feed.
- c. The panels have a LCD touch screen with white background lighting and keypad. The display is enabling a flexible design of the operating menu with variable keys and message windows.
- d. FACP has menu Based operation.
- e. All materials and components used in the panel are specified as per Vds/UL Certification.
- f. The panel has a 230V AC power supply unit in plug-in design with rack and panel connector is a 24VDC/6A single. Output power supply. The module is protected against over voltage and reverse polarity. The output voltage is monitored and regulated externally.
- g. LCD display at the FACP shall be provided to indicate point in alarm or trouble. In such systems, means for manually scanning the points in trouble shall be provided and a trouble and alarm LED shall be used to indicate that there are points in alarm/trouble. The alarm/trouble LED shall only extinguish when all alarm/troubles are cleared from the loop.
- h. It shall be possible to command test, reset and alarm silence from the FACP.
- i. FACP should have a programmable software timer for automatic switching of day operation mode to night operation mode, switching of mode off operation of automatic fire detectors
- j. Programming & logging in of all panels in network is possible from any panel.
- k. FACP has 10000 history logs.

- l. The fire panel must display the mixed operation of bi-directional, digital data transmission between detector and control panel for uniform switching of fire peripherals via a two-wire stub and/or loop topology in a local security network and direct current line technology (conventional zone)
- m. The panel should have direct connection of a stub line to a loop at any location without additional interfaces.
- n. Individual detector and detector zone switch-off
- o. Output of stored messages in plain text on touch screen.
- p. One freely programmable key switch with 2 switch positions for code mode, day operation, switch-off and reset
- q. The display on FACP should provide indication for AC Power, System Alarm, System Trouble/Security Alarm, Display Trouble and Signal Silence. This would mean that in the event of change of any logic, detector / zone sequence alteration, the operator can initiate these by use of the LCD touch pad & alpha-numeric keys on the FACP panel to reconfigure the above parameters.

2. INTELLIGENT DETECTORS & ADDRESSABLE DEVICES

General features common to all detectors:

Built-in-response indicator: Each detector shall incorporate indicator "LED" at the detector which shall blink in normal condition and glow steady on actuation of the detector to locate the detector which is operated while on fire. The detector shall not be affected by the failure of the response indicator lamp. The LED should be visible from a 360 deg view

Maintenance: All detectors should be fitted either with plug-in system or bayonet type connections only, from the maintenance and compatibility point of view and the components of the detectors must not be damaged by static over voltage.

Each detector shall have two in built fault isolation unit.

The status LED should be visible from a 360 deg view

General Technical data of detectors with base

Sl.	Description	
1	Rated Voltage	19 V DC
2	Max. monitoring range	110 m2
3	Max monitoring Height	12m
4	Store temperature	-25Deg C to + 75 deg C
5	Type of protection	IP43 (with 805570, 805572 or 805573)
6	Material	ABS
7	Weight	110 gm aprox.

Technical Data

Sl.	Description	OT	O2T
1	Operating voltage	9-42 V DC	8-42 V DC
2	Quiescent current	Approx. 50 uA	Approx. 60 uA
3	Application Temperature	-20 deg C to + 50 deg C	-20 deg C to + 65 deg C
4	VDS No.	G 205070	G 204061
5	Detector Specification	EN 54-7/5 A2	EN 54-7/5 B

2.1 INTELLIGENT ADDRESSABLE OPTICAL-THERMAL DETECTORS -

EN Standard, VDS approved Addressable Multisensor detector with Base (OT). Thermal detectors should be intelligent and addressable devices, and connect with two wires to one of the Fire Alarm Control Panel loops. The detectors should use an electronic detector to measure thermal conditions and also photo electric smoke chamber to identify the smoke particles caused by a fire and shall, on command from the control panel, send data to the panel. The detectors should also provide auto addressing & physical address-setting by means of rotary / binary switches. Each detector should have two in built fault isolation unit. The status Led should be visible from a 360 deg view.

2.2 RESPONSE INDICATORS –

Remote Response Indicator should be installed outside the areas normally kept closed or normally non-addressable areas to identify the detectors response even if the room is locked. These indicators should be able to indicate the status of the corresponding detectors in these areas.

2.3 INTELLIGENT ADDRESSABLE HEAT DETECTORS

EN Standard, VDS approved Intelligent Analog Addressable Heat Detector (Static + ROR). Heat detectors should be intelligent and addressable devices, and connect with two wires to one of the Fire Alarm Control Panel loops. The detectors should provide auto addressing & physical address-setting by means of rotary / binary switches. Each detector shall have two in built fault isolation unit. The status Led should be visible from a 360 deg view

2.4. ADDRESSABLE MANUAL CALL POINTS

EN Standard, VDS approved Intelligent addressable Manual Call Point with Base Manual break glass units should be of the break glass, spring release type, flush mounted of shatter proof and corrosion resistant, die-cast plastic enclosure, with a key operated test re-set lock for testing and resetting purposes and complete with chromium plated hammer and chain. The alarm units should be so designed that after actual emergency operation, authorised personnel cannot restore them to normal status except. Operational instructions and the words "BREAK GLASS FOR ALARM" should be printed on the frangible glass. On each floor, one or more manual call points should be installed, preferably on the exit routes, call points should be installed at a height of 1.4 mtrs. above the floor at an easily accessible well light position free of all obstructions. Manual call points should be wall-mounting type. The housing should be dust proof and moisture proof properly sealed with rubber lining. Addressable manual points should be provided to connect to the Fire Alarm Control Panel loops. The manual points should be on command from the Control Panel send data to the panel representing the state of the manual station. The manual call points should be dual action type. The MCP should provide auto addressing & physical address-setting by means of rotary / binary switches. Stations should be suitable for surface mounting. Each MCP should have two in built fault isolation unit.

2.5. ADDRESSABLE LOOP POWERED FLASHER/STROBE/ HOOTER

EN Standard, VDS approved intelligent addressable loop powered sounder:

- The Addressable Flasher should be compatible with the Fire detection and alarm panel offered.
- It should be roof mounted or wall mounts type.
- It should be microprocessor based addressable type.
- It should work at the same operating voltage of detectors.
- It should work at the same loop of detectors/modules and no other local/remote aux. power is required to drive it. It should take power from same loop of detector / modules.
- It should generate visual alarm on command from the fire detection and alarm panel.
- It should be able to carry out self-diagnosis and automatic device mapping.
- It should be able to withstand ambient temperature up to 50 deg.C.

Each sounder should have two in built fault isolation unit.

- 2.6 **Cable & Conduit:** 2 C x 1.5 Sq mm FRLS Shielded Copper Cable (make: Polycab/ Finolex) with 20mm dia. rigid PVC Conduit (Make: Precession/ Polycab)

3. WIRING

All wiring and connections should comply with the best practices for electrical installations. All circuits wiring associated with the fire alarm system should be wired with FRLS P.V.C cable. All call point circuits should have cable size not less than 1.5 mm² cross-sectional area copper conductors. All alarm hooter/flasher circuits should have cable size with not less than 1.5 mm² copper conductors and in the same loop where detectors and modules are placed. No spurs or tee joints should be used on the circuits.

Fire alarm control panel should be mounted with sufficient clearance for observation and testing. All fire alarm junction boxes must be clearly marked for easy identification. All wiring should be in conduit. All conduits, mounting boxes, junction boxes and panels shall be securely hung and fastened with appropriate fittings to ensure positive grounding throughout the entire system. No wiring other than that directly with the fire alarm system should be permitted in the fire alarm conduits. All wiring should be checked and tested to ensure that, there are no grounds, opens or shorts.

4. Detailed Specification of Components & its Requirement

- EN Standard and VDS approved Microprocessor based Intelligent, addressable 3 loops expendable up to 7 loops fire alarm control panel with each loop capable of taking minimum 125 devices, 1/4 VGA display character alpha-numeric liquid crystal display. The panel shall be soft addressable type. The panel shall be able to give pin point location of all fire/ fault conditions. Further, the panel must be able to automatically switch off respective control switches when ever any alarm is triggered. The Panel should be able to store sufficient numbers of log events in its Memory as per recommended standards. Addressable devices in a group will be as per latest recommended standards of IS – 2189 (Approved Make: Honeywell – ESSAR / Siemens / Detectomat)

Requirement – 1 Set

- EN Standard and VDS approved Analog Addressable Intelligent multisensor detector optical smoke sensors with heat sensor with inbuilt fault isolator as per NFPA style 7 wiring complete with base Addressable devices in a group will be as per latest recommended standards of IS – 2189 ((Approved Make: Honeywell – ESSAR / Siemens / Detectomat)

Requirement – 90 Sets

- EN Standard and VDS approved Addressable Manual Call Point with inbuilt fault isolator as per NFPA style 7 wiring complete with base Addressable devices in a group will be as per latest recommended standards of IS – 2189 ((Approved Make: Honeywell – ESSAR / Siemens / Detectomat)

Requirement – 6 Sets

- EN Standard and VDS approved Analog Addressable Intelligent Heat detector with inbuilt fault isolator as per NFPA style 7 wiring complete with base Addressable devices in a group will be as per latest recommended standards of IS – 2189 ((Approved Make: Honeywell – ESSAR / Siemens / Detectomat)

Requirement – 6 Sets

- EN Standard and VDS approved Hooter (sound output of minimum 90 db) complete with inbuilt isolator with inbuilt fault isolator as per NFPA style 7 wiring complete with base Addressable devices in a group will be as per latest recommended standards of IS – 2189 ((Approved Make: Honeywell – ESSAR / Siemens / Detectomat)

Requirement – 6 Sets

- Response Indicator (Make : IS approved : Agni/Rabel).

Requirement – 30 Sets

- 2 Core 1.5 sq.mm FRLS copper Cable (For Loop) (Make. Finolex / KEI / Polycab) with 20 mm NB PVC rigid conduit pipe(Make: Precisson-Medium)

Requirement – 1600 Mtrs

- 1 KVA online UPS (Make: APC/ Numeric with 3 Nos. 42 Ah Battery make Exide with UPS and Battery Rack), including maintenance free battery (Make - Exide)

Requirement – 1 Set

5. Information / Data Required to be Furnished

- The Bidder should provide Tender Specific Manufacturing Authorization From OEM
- The Bidder should have Resident Service Setup in Kolkata.
- Catalogue with Complete Specification of offered items.
- User list for identical supplies for last 3 years with copies of few Purchase Orders.
- AMC for two years after guarantee / warranty (12 month) period should be integral part of the total supply of the system.
- Make and Model No. of offered item should be mentioned.

ANDREW YULE & COMPANY LIMITED
Tea Division
General Terms & Conditions
Ref.E-Tender No.: AYCL/TEA DIVISION/107/18-19/ET/284
Ref. Tender No.: AYCL/HO/GD/Fire Alarm/01

1. **Specification**
Supply as per specification, FOR Kolkata on “Door delivery basis” including installation and commissioning at site
2. **Location of Site**
Andrew Yule & Co. Ltd., “Yule House”, 8 Dr. Rajendra Prasad Sarani, Kolkata – 700 001
3. **Requirement** – Fire Alarm System as per specification mentioned in Annexure - III.
4. **Delivery**
The entire work of supply, installation & commissioning is to be completed within December 2018. **The Bidders are requested to record / indicate their best possible delivery period.**

Entire supply must reach site withinweeks from date of order.

Installation & commissioning withinweeks from date of handing over site.
5. **Liquidated Damage**
In the event of failure on your part to complete the entire scope of correct, specific work against the contract to our satisfaction within the specified period of completion, we may recover as L/D a sum equivalent to ½% of the material value for each week or any part thereof default, where the delivery thereof will be accepted after expiry of the date stipulated for this purpose, but limited to a maximum of 10% of material value.
6. **Risk Purchase**
In case the contractor fails to execute the contract fully or partly, the purchaser shall have the right to execute the work through other agencies, as decided by the purchaser at the contractor’s cost and risk after giving two weeks’ notice in writing.
7. **Force Majeure**
Any delay or failure in the performance of either party hereto will not constitute default there under or give rise to any claim for damages, if any, to the extent such delays or failure of performance is caused by the occurrence such as acts of god or the public enemy, appropriation or confiscation of facilities by Govt. Authorities, acts of war, rebellion or sabotage, fires, explosions, riots and illegal strike.
8. **Terms of Payment**
 - 15 % of material value as advance against Bank Guarantee of equivalent amount to be valid till entire material reaches site.
 - 70 % of material value together with 100% GST, packing and forwarding charges, freight & insurance charges duly certified by the Competent Authority within 15 days from date of receipt of materials
 - 100% charges for installation and commissioning within 15 days from the date of commissioning duly certified by the Competent Authority.

- Balance 15% of material value within 30 days from the date of commissioning duly certified by Competent Authority against Bank guarantee of equivalent amount valid till guarantee period.

9. **Warranty Period**

The equipment must be warranted against defective material, faulty workmanship and desired performance for a period of 12 months from date of Commissioning.

10. **Validity**

The offer must be valid for a period of 60 days from last date of submission.

11. **Earnest Money Deposit (E.M.D.)**

Bidders must ensure Earnest Money Deposit in the following manner which will be converted into Security Deposit for the successful bidder and will be released on successful Commissioning of the Fire Alarm System.

E.M.D. value – Rs.8,000/- (Rupees: eight Thousand Only)

- EMD to be submitted by Cheque/D.D. favouring Andrew Yule & Co. Ltd., payable at Kolkata.

12. **Price variation**

The quoted price should remain Firm during pendency of the contract

13. **Purchaser's Liabilities**

We will be providing the followings as may be required during Installation & Commissioning: -

- All Related Electrical Wirings and Supply of 220V AC Power at our Site.
- All Related Civil Work, if required at our Site.

14. Decision for awarding contract/job is vested with the Management so as to reject, split / fragment.

15. Incomplete "Quotation/Offer" is liable to be rejected.

For online submission

Annexure – IV

ANDREW YULE & COMPANY LIMITED
Tea Division

Price Sheet

Ref.E-Tender No.: AYCL/TEA DIVISION/107/18-19/ET/284

Ref. Tender No.: AYCL/HO/GD/Fire Alarm/01

Location : Andrew Yule & Co. Ltd, “Yule Hose”, 8, Dr. Rajendra Prasad Sarani,
Kolkata – 700 001

Item : Supply installation & commissioning of Fire Alarm System as per
specification

Quantity Offered	Unit	Basic price of equipments complete including packing & forwarding charges, if any for the items mentioned in Annexure-III of NIT	Transport and insurance charges for effecting “door delivery”	Charges towards installation / commissioning at site	GST as applicable	Total Contract Price
1	Full Set	Rs.	Rs.	Rs.	Rs.	Rs.