

CENTRAL BOARD OF SECONDARY EDUCATION
REGIONAL OFFICE
35-B, CIVIL STATION, M. G. MARG, CIVIL LINES, ALLAHABAD

TENDER NOTICE

Sealed tenders are invited on behalf of the Secretary, C.B.S.E., for the following works under Two Bid System :-

Sl. No.	Scope of Work	Location	EMD #	Essential qualification
1.	24 hrs O & M of Wet riser system & maint of Fire Detection / Alarm system.	C.B.S.E., Regional Office Bldg, 35-B,M.G. Marg, Civil Lines, Allahabad (U.P.)	Rs. 35,000/- (Rs. Thirty five thousand only)	1. Should have executed atleast two similar works of value of Rs 1.8 Lac or more in multi story Bldg. of Govt./ Public Sector undertaking/ reputed organisations..

EMD is payable in form of BD/DD/BC/FDR/BG Issued by any commercial bank in favour of the "Secretary CBSE", payable at Allahabad. Tender can be downloaded from **05th October to 25th October, 2017** from Board's Website i.e. www.cbse.nic.in or from cpp portal. Cost of tender document Rs. 1,000/- (non-refundable) need to be enclosed in the shape of DD drawn from any commercial bank in f/o Secretary, CBSE, Allahabad or can be remitted through electronic mode as per detail mentioned in tender. Last date for submission of tender is **25th October, 2017** upto 2.30 p.m.

Tender is to be submitted in the prescribed format in Two Bid System; **Technical & Financial Bid** be placed in two separate envelopes and both envelopes be kept in another bigger envelope duly sealed and superscribed "**TENDER FOR FIRE FIGHTING WORK**". The EMD and all requisite documents must be attached with the Technical-Bid and the Financial Bid should contain rates only. Tenders duly filled in must be put in the tender box paced at **Reception Counter, CBSE, Regional Office Building upto 2.30 p.m. on or before 25th October, 2017**. The technical Bids shall be opened on the same day at 3:00 p.m. in the presence of the tenderers those who wish to be present. Financial-Bids, of qualified tenderers in the Technical-Bids, will be opened later; the date & time for opening the Financial-Bid will be intimated. Incomplete and conditional tenders shall be summarily rejected.

The Secretary, CBSE reserves the right to reject any or all the tenders without assigning any reason.

REGIONAL OFFICER

**CENTRAL BOARD OF SECONDARY EDUCATION
REGIONAL OFFICE
35-B, CIVIL STATION, CIVIL LINES, M. G. MARG, ALLAHABAD
Ph.: 0532-2407970,2408971,2407972, Fax : 0532-2408977**

PART-A Technical-Bid

Last date for receipt of tender : **25th October, 2017 upto 02.30 p.m.**

Name of work : 24 Hrs Operation & Maintenance of the Fire Fighting installation,
Wet Riser; Fire Detection & Alarm System.

Locations : CBSE, R.O. Bldg, 35-B, M.G. Marg, Civil Lines, Allahabad, U.P.

1. Credentials of tenderer:

1.1 Name of the agency: _____

1.2 Office Address and

Tel. Nos. _____

1.3 Electrical Licence from
Director Electrical Safety
Govt. of U.P. Lucknow/Regd. with Engg. govt. Organization.
(with documentary evidence) _____

1.4 E.P.F A/c No.
With latest challan _____

1.5 PAN No.
(with documentary evidence) _____

1.6 Sale Tax Regd. Certificate:
(with documentary evidence) _____

1.7 Service Tax Regd. Certificate
(with documentary evidence) _____

1.8 GST No. _____

2. Annual turnover (last three years)

Sl. No	Year	Turn Over
1.		
2.		
3.		

(2)

3.1 Contracts executed corresponding to the NIT (To be supported with documentary evidence) :

S. No.	Year	Name of the organization	Cost of the work (Executed)	Officer Concd. in the organization with T. No.	Period	
					From	To
1.						
2.						
3.						

3.2. Present assignment in hand corresponding to NIT for 24 hrs Operation & Maintenance of the Fire Fighting installation, Wet rise & Fire Detection / Alarm System.

4. Earnest Money of Rs. 35,000/- in favour of the "Secretary, CBSE, Allahabad" has been enclosed vide D.D./.....No. _____ dated _____.

5. Copy of the supporting documents in r/o information at Serial No. 1 to 3.1 above & EMD must be enclosed.

6. Declaration : All terms & conditions as mentioned in the Tender Documents are acceptable to me/us.

(Signature of the Tenderer) _____
Name & Address of Tenderer with seal _____

Tel./Mobile No. _____

Place : _____

Date : _____

(3)

LIST OF ENCLOSURES

1. E.M.D. OF Rs. 35,000/- in the form of BD/.....No _____ dated _____ of Bank _____ (attached with technical bid only)
2. List of clients.
3. Performance certificate of last three works duly attested.
4. Electrical licence from the Office of Director Electrical Safety, Govt of U.P. Lucknow/Regd. In Engg. Govt. Organisation
5. The organizational set up including technical infrastructure.
6. Analysis of rates.
7. Any other documents.

**(Signature of the Tenderer)
With complete address and seal**

Dated : _____

**CENTRAL BOARD OF SECONDARY EDUCATION
REGIONAL OFFICE
35-B, CIVIL STATION, M.G. MARG, CIVIL LINES
ALLAHABAD**

General Instructions to Tenderers

The tenderers are requested to note that non compliance of the following instruction is liable to render them non bona fide.

1. The tenderers should read carefully the tender paper and examine general instruction, specifications, schedule of quantities etc. and for proper assessment of work may visit the site.
2. The tenderers are required to check the number of the pages and if any is found missing or in duplicate, or the figure or writing indistinct the same be reflected with legible one.
3. The tenderers should fill in all the relevant blanks line and put their signature on the relevant places as shown in the tender document.
4. (a) The tenderer shall quote his rates in figures as well as in words against relevant column and the same shall be duly attested.
(b) No cutting/overwriting and use of whitener is permitted in Technical-Bid as well as Price-Bid.
(c) Each page of the schedule of quantities and the Central Summary is to be signed by the tenderer.
5. Tender marked original duly filled in and accompanied with earnest money as specified must be in sealed envelope submitted to the Regional Officer, CBSE, Regional Office, 35-B, M.G. Marg, Civil Lines, Allahabad on or before **25th October, 2017 at 1430 Hrs.** The Technical-Bid will be opened on **25th October, 2017 at 1500 hrs** in presence of tenderers or their accredited representative who desires to attend.
6. The tenderers are requested to put their firm's endorsement on each page of the tender document as token of perusal.
7. No alternations or addition should be made by the tenderers to the text of the schedule of these tender pages. Violation of this instruction will lead rejection of the tender at the discretion of the Tender Inviting Authority.
8. The tenderer who proposes any alterations to any of the condition laid down or proposes any other conditions of any description what-so-ever is liable to be rejected.
9. No liability what-so-ever will be admitted nor any claim be allowed in respect of errors in the filled in tender documents due to mistake in the Price-Bid (Schedule of Quantities) which should have been rectified in the manner described above.
10. Earnest Money accompanying the tender will be accepted only in the form of Demand Draft/BC/FDR/BG drawn in favour of the Secretary, CBSE payable at Allahabad.
11. Earnest Money Deposit in the form of en-cashable cheque or Bank or Insurance Guarantee or Fixed Deposit Receipt will not be accepted.
12. Tenderers should note that their tenders would remain open for consideration for a minimum period of THREE MONTHS from the date fixed for the receipt of tenders.
13. The Tender Inviting Authority reserves the right to accept or to reject any or all tenders at its discretion without assigning any reasons thereof. The Tender Inviting Authority does not bind to accept the lowest tender.

(Signature of the Tenderer) _____
Name & Address of Tenderer with seal _____

(5)

**CENTRAL BOARD OF SECONDARY EDUCATION
REGIONAL OFFICE
35-B, CIVIL STATION, M.G. MARG, CIVIL LINES
ALLAHABAD**

I hereby affirm that I have read all the instructions, terms & conditions before submission of the schedule of work and are acceptable to me.

(Signature of the Tenderer) _____
Name & Address of Tenderer with seal _____

Tel./Mobile No.: _____

Date : _____

Place : _____

1. **Credentials of tenderers.**

- 1.1 Name of the Agency :
- 1.2 Office address and tel. nos :
- 1.3 License No. & Registration details with documentary evidence - **Annexure 1**
- 1.4 P.F. A/C No. with documentary evidence - **Annexure 2**
- 1.5 PAN No. with documentary evidence - **Annexure 3**
- 1.6 Service Tax Regd. Certificate supported with Documentary evidence - **Annexure 4**

Condition of contract for Annual Maintenance & Operation of Fire Fighting and Fire Alarm System installed at CBSE, Regional Office Building, Allahabad.

2. **General.**

- (a) The contract is with a view to keep the entire fire fighting installation like down comer / wet-riser, fire pumps, fire panels, heat/smoke detection system in good serviceable condition to ensure their proper and effective functioning. The contract include the manning of above installation round the clock for CBSE, RO Bldg. at Allahabad, so that the person on duty will keep a constant watch on fire pump, panel, hydrant etc. and shall operate the system promptly in case of any fire /emergency.
- (b) The contractor for above work should be preferably qualified in fire safety and fire fighting equipments from Fire Officering College or they have the past experience of erecting/maintenance of various type fire fighting installation.
- (c) The tender shall be valid for acceptance for a period of three months from the last date of receipt of tenders.
- (d) **Maintenance Regulation.**
 - (i) The contractor shall ensure that operation and maintenance of Fire-Installation is done as per the rules and regulations of Chief Fire Officer Allahabad and the parameters of NBC. The contractor shall strictly follow the instruction (either in writing or oral) time to time issued to them by the Regional Officer of his authorised representative.
 - (ii) The contractor or his authorised representative should be available as and when required to take instruction on fire extinguishing and fire fighting matters regarding maintenance and operation.
- (e) The scope of work, terms & conditions are as under :-
 - (i) Providing qualified and trained staff to operate and maintain the system round the clock.

- (ii) Maintenance and operation of :-
 - (aa) Down comer.
 - (ab) Fire pump including periodical maintenance as per recommendation of fire pump manufacturer.
 - (ac) Operation of each hydrants periodically (min 3 hydrants per week), de rolling the hose reels drying in same and putting back in the yard hydrant polishing (Brass) of G.M. hydrants valves, branch pipe nozzle etc. at least once in a month.
 - (ad) Maintenance / operation of fire pumps at least once in a month min 15 minutes (in Manual auto mode).
 - (ae) Cleaning of all hydrant boxes etc.
 - (af) Providing gland packing and washers etc.

3. **Earnest Money Deposit (EMD)**

- (a) The Govt. Department, Public Sector Units, Small Scale Industrial (SSI) Units, (Only permanently registered) and agencies registered with NSIC etc, are exempted from submitting EMD.
- (b) SSI Units and agencies requesting for exemption from submission of EMD shall submit a copy of their Registration Certificate. Only such Units and agencies registered for the same trade/item for which the tender is relevant shall be exempted from submission of EMD.
- (c) EMDs of unsuccessful tenders shall be refunded within reasonable time without interest.
- (d) The tenders without EMD or partial EMD shall be summarily rejected.
- (e) Earnest money to successful tenderer shall be returned after submitting the Initial Security Deposit (ISD) @ 10% of contract value in the form as prescribed under General Financial Rules 2017. No interest will accrue on such deposit.
- (f) **IN THE EVENT OF THE TENDER BEING ACCEPTED.** In the event of acceptance of Tender, the Agency/firm shall be at liberty either to accumulate the EMD towards 10% S.D. amount or can receive the EMD after deposit of S.D. as per condition of contract.
- (g) Cost of Tender Form Rs.1000/- (Non Refundable) can also be remitted electronically in Board's A/c No.035001000016000, Indian Overseas Bank, Civil Lines, Allahabad in favour of "Secretary CBSE". IFSC : IOBA0000350.

4. **Security Deposit.** The agency shall have to deposit @ 10% of the contract value as security before start of the work. The same shall be retained till the contract is in force and shall be returned after getting clearance from the Officer-in-Charge after expiry of the contract.

5. **Commencement of Work.** The agency shall be bound to take over the system with complete installations within a period of 07 days from the issue of the work order failing which EMD is liable to be forfeited.

6. **Rate Quoted.**

- (a) The rate shall be inclusive of all materials (as per schedule of requirement) labours, T&P, Taxes, Duties, over heads and profits etc and everything necessary for carrying the work as specified in the tender or as directed.

- (b) The rates quoted by the contractors will be FIRM throughout the currency of contract including extension of time, if granted and shall not be subject to any fluctuation due to variation in cost of material and labour etc.
- (c) Rates quoted by contractor shall include removing, shifting, reinstalling restoring of the furniture and equipment etc of the premises to get the work done.

7. **Compliance of Labour Laws and Insurance.**

- (a) The contractor shall at his expenses, ensure due compliance with all applicable and governing labour laws, rules, regulations and bye-laws of contract and State/Central Govt. regulations and other local authorities and further to defend indemnify and keep the owner (Principal Employer) harmless for any liability or penalty which may be imposed by State/Central Govt. and / or other local authorities. Also from all claims, suits or proceedings that may be brought against the owner arising under, growing brought by an employee of the contractor, by third party by State/Central Govt. and' or; local authorities. The contractor shall ensure due compliance with all provisions of the following Acts and liabilities :-
 - (i) Minimum Wages Act.
 - (ii) Payment of Wages Act.
 - (iii) Contract Labour (regulation & Abolition) Act.
 - (iv) Employees State Insurance, Workmen Compensation and employees Liability Insurance any other insurance required under law or regulation or by owner.
 - (v) Accidental injury to workmen and damage to property or to any person or third party.
 - (vi) Payment of Bonus.
- (b) The contractor shall indemnify and keep the owner/Principal employer harmless of all claims, damages or compensation payable by law in respect or in consequence of any accident or damage arising under or by reason of this agreement or execution of contract.
- (c) The work shall comply with the latest Local Authorities regulations and shall be carried out to the entire satisfaction of CBSE, it shall be responsibility of the contractor to obtain prior approval of Local Authorities/Bodies, if any at his cost. In case of any dispute decision of the Tender Inviting Authority shall be final and binding on the contractor.

8. **Printed Conditions.** Any conditions on letterhead or otherwise will not be considered and contract will be governed solely on the conditions of contract stipulated herein.

9. **Accommodation.** The contractor shall be required to make his own arrangement of accommodation for his worker/staff and storage of materials.

10. If on checking there are differences between the rates given by the contractor in word and figure or in the amount worked by him, the following procedure shall be followed :-
 - (a) When there is difference between the rates in figure and in words, the rates, which correspond to the amounts worked out by the contractor, shall be taken as correct.
 - (b) When the amount of an item is not worked by the contractor or it do not correspond with the rate written either in figures or on words, then the rate quoted by the contractor in words shall be taken as correct.
 - (c) When the rates quoted by the contractor in figures and in words tallies but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount.
11. **Extension of Contract.** The contract shall be valid for a period of one year at initial instance (It can be extended further on mutually agreed rates and terms and conditions for another one year or yearly basis).
12. **Termination of Contract.** The contract can be terminated by giving advance notice for two calendar months in writing.
13. **Experience.** The tenderers should have adequate experience (minimum three years) in maintaining and manning of these installations and submit a proof thereof along with tender. In case their experience is found inadequate the Board reserves right to reject the tender (s).
14. **Local Regulations.** The contractor shall ensure that operation and maintenance of installation is done as per the rules and regulations of Chief Fire Officer, of fire service. The contractor shall also abide by the requirements of our office and shall strictly follow the instructions from time to time.
15. **Log Book.**
 - (a) The contractor shall maintain a log book at the site wherein entries like general conditions, fortnightly/periodical duties/maintenance carried out and results achieved shall be recorded. This drill shall apply for all equipments/components. The specimen of log-book shall be got approved. The entries in log-book shall be got signed by Assistant Secretary (Admn) or by him.
 - (b) In case of any actuation of fire detectors for testing/actual fire/false alarm, the contractor shall inform the Officer-in-Charge. The contractor shall also inform the Officer-in-Charge in case of any abnormal functioning in any system and make necessary entries in the log book.
16. **Tools and Plants.** The contractor shall provide necessary tools and plants required for carrying out the maintenance work.
 - (a) The pump sets if required any repairs, the parts (impellar, Bush, sleeve, coupling etc.
17. **Behaviour of Staff.** The personnel deputed for maintenance work shall behave properly with Board staff and public. They shall behave politely and shall maintain discipline.
 - (a) The manpower/personnel deployed must be trustworthy and committed. The antecedent of the manpower must be got properly verified through the Police.

18. **Arbitration.** In case of any dispute between the parties arising out or in relation to the agreement, the dispute shall be referred to a sole arbitrator to be appointed by the Board and decision of such arbitration shall be inclusive and binding on both the parties. The Arbitration Act 1940 and subsequent amendments therein shall be applicable.
19. **Payment Terms.** Payment shall be made on monthly basis after making deduction of Income tax/any other tax as per Govt. rules.
20. **Identification.** All the equipments like fire hydrants, valves, hose reel, fire detector panel, etc. shall be serially numbered for proper / easy identification.
21. **Coordination with other Agencies.** The contractor shall extend all cooperation to the other agencies in r/o work in the Board premises for any purpose.
22. **Penalties and ID.** In case maintenance work has not been attended to/defect has not been set right, the penalty shall be imposed as per following :-

Sl. No.	Description	Penalty (In Rs)
1.	If main control panel is not set right within 24 hrs	400/- day
2.	If any of the Zone remains out of order for more than 24 hrs	150/- day
3.	If PA system is out of order for more than 24 hrs	150/- day
4.	If any circuit is faulty for more than 24 hrs	50/- day
5.	If battery charging unit is out of order for more than 24 hrs	100/- day
6.	If fire pump panel etc. are under breakdown for more than 24 hrs	500/- day
7.	If valves are leaking/pressure switches/air vessel etc. are not working	150/- day
8.	If routine / periodical maintenance is not carried out	1% per week

Note: While imposing the above penalty/ID, due consideration shall be given to the time required for carrying out the necessary repairs.

23. Contractor will inspect entire installation before quoting their rates. If any alteration to improve the system needs to be undertaken same shall be intimated in detail item wise with complete specification alongwith item-wise estimate rate. This proposal shall be given on the letter head of contractor which shall be kept in separate envelope.
24. Performance of contractor shall be observed for first three month. If performance of the contractor in first three month is not found to be satisfactory, the contract shall be terminated by serving notice for one week.
25. Contractor will provide name and detail of their personal, looking after the maintenance of above installation. Contractor will have to obtain approval for the workmen being deputed at above sites and bio-data shall be submitted accordingly. Person who have not been authorized by this office shall not be deputed on the job.
26. The agency will have to provide staff for 24 hrs Operation and Maintenance of Fire System. The additional staff if required for regular maintenance, servicing and attending to fault shall have to be arranged by the agency within the quoted rates. The agency shall have to engage experienced and skilled staff.

27. The agency shall take all precautionary measures for safety of his workers during performance of the duties.
28. The staff to be engaged should possess qualification as given below :-
 - (a) Fire Fighting Operator - 03 Nos. **(Holding five years experience in the relevant field having fire fighting certificate from the Competent/Designated Authority)*.**
29. The agency shall provide uniform for the staff on duty.
30. A minimum pressure of 3.5 Kg./CM² has to be maintained in the system.
31. Piping system shall be checked and reported to the Officer-in-Charge.
32. Components such as switch gear shall be supplied by the Board to the agency.
33. Distilled water, cleaning materials, CTC, COTTON, Old Dhoti, Pilot Lamps, Gland Dori, grease, packing sheets, nut & bolts, HRC fuses, touch and other materials including the control spares shall be provided by the agency.
34. Dismantled material shall be returned to the Board.
35. The agency shall maintain a line diagram of the system in the Pump House/Control Room.
36. The watch and ward of the complete installation including the Pump House and Fire Hydrants inside and outside the building shall be the responsibility of the agency.
37. Operators presence all the time is the essentiality of the contractor, hence operator must be on duty and plant room should not be left unattended. In case the reliever does not report, the first operator shall continue to be on duty.
38. The agency shall arrange to give '**Live Demo**' of the complete system on monthly basis as decided by the Competent Authority and six monthly basis in presence of the Fire Authorities.
39. After expiry of the contract period, contractor shall hand over entire installation with all complete equipments in good working condition as detailed in Schedule of Work. Final bill (last two month) shall be settled only after handing over of above installation in good working/operational condition. If system is found un-operational or the system appears poorly maintained with low efficiency the cost for making the system operational; shall be recovered from the pending dues to the contractor.

(Signature of the Tenderer) _____

Name & Address of Tenderers with seal _____

**CENTRAL BOARD OF SECONDARY EDUCATION
REGIONAL OFFICE
35-B, CIVIL STATION, M.G. MARG, CIVIL LINES
ALLAHABAD**

MAINTENANCE AND OPERATION OF WET RISER, SPRINKLER SYSTEM

A. Daily Check:

1. Checking of all floor hydrant valves, hose pipes, hose reel, nozzles, hose reel drums pumps, hydrants etc.
2. Checking of sprinkler line pressure and sprinkler head.
3. Checking of valves and N.R.V.
4. Checking of hydrant pressure and recording in log book.
5. Checking of water and diesel level of engine and topping up with the fuel.

B. Monthly Check:

1. Testing of automatic working of fire hydrant system.
2. Testing of automatic working of sprinkler system.
3. Checking and cleaning of all starter contracts of electric panels.
4. Checking and testing of automatic pressure switches of pumps.
5. Cleaning of alarm gong and its drain valve connection.
6. Conducting drill for the system.

C. Quarterly Check:

1. Checking of performance of electric panels (Voltage & Current load).
2. Checking of wiring, cable termination glands.
3. Checking of fuses and bulbs.
4. Checking of glands of sluice valves.
5. Cleaning of cooling water system of the engine.
6. Checking of battery charging. To be charged if required and checking of gravity of acid.

D. Half Yearly Check.

1. Replacement of greases.
2. Changing of glands of pumps.
3. Checking of alignments and foundation bolts adjustment of Pumps.
4. Checking of working of NRV pressure plate.
5. Checking of all hydrant and sprinkler line from leakage angle.
6. To check, clean and adjust the relays switches etc..
7. Oiling and greasing of all hydrants sluice valve N.R.V. etc.
8. Testing of fire hose at required pressure.
9. Testing hose reels and band pipes at required pressure.
10. Servicing of fire pumps as manufacturer's manual through authorised dealer.
11. To check the working of the air release value.
12. Checking of the oil pressure in the Diesel Engine & condition of the engine oil.

Signature of the Tenderer_____

Name & Address of Tenderers with seal_____

LIST OF INSTALLATION

Sl.No.	Details of Electrical & Mechanical Installations	Quantity
A.	24 hrs Operation and Maintenance of Fire Fighting System consisting of wet riser and sprinkler system including the installation mentioned as under alongwith the control panel.	
1.	Electric driven main fire pump set of 75 HP	01 Nos
2.	Diesel engine driven main fire pump set with auto starting panel of 79 HP	01 Nos
3.	Electric driven pressurization pump 15 HP	01 Nos
4.	Electric driven terrace pump having 30 mtrs discharge head of 12.5 HP	01 Nos
5.	Mono block self priming drainage pump of 90 LMP discharge of 10 mtrs	01 Nos
6.	Double Headed internal valve	18 Nos
7.	Single Headed external hydrant	06 Nos
8.	Quartzoid bulb type sprinkler	40 Nos
9.	Booster pump 15 HP	02 Nos
10.	De-watering pump set 2 HP	02 Nos
11.	Water supply cubical panel board	01 Nos
B.	Operation and Maintenance of Fire Alarm system comprising of installations mentioned as under :-	
1.	Sensor type detector system	94 Nos
2.	Sensor type smoke detector system	93 Nos
3.	Manual Call Box	24 Nos
4.	Two zone sector panel	08 Nos
C.	Main Control Panel Consisting of :-	
1.	Ten one sector panel	
2.	Talk back master starter	01 set
3.	Announcement control desk	01 set
4.	100 W Amplifier with all accessories	02 set
5.	Monitor panel for Loudspeaker with volume control	01 Nos
6.	Goose neck microphone with stand	01 set

**CENTRAL BOARD OF SECONDARY EDUCATION
REGIONAL OFFICE BUILDING
35-B, CIVIL STATION, CIVIL LINES, M. G. MARG, ALLAHABAD-211001**

Last date for receipt of tender : 25th October, 2017 upto 01.00 p.m.

PART II : PRICE BID

(Schedule of Quantity)

Name of Work : 24 hrs Operation and Maintenance of Fire Fighting System consisting of wet riser and sprinkler system including the installation mentioned as under alongwith the control panel.

Sl. No.	Description of items	Rate per month including of all taxes
A.	24 hrs Operation and Maintenance of Fire Fighting System consisting of wet riser and sprinkler system including the installation mentioned as under alongwith the control panel.	
1.	Electric driven main fire pump set of 75 HP – 01 Nos.	
2.	Diesel engine driven main fire pump set with auto starting panel of 79 HP – 01 Nos.	
3.	Electric driven pressurization pump 15 HP – 01 Nos.	
4.	Electric driven terrace pump having 30 mtrs discharge head of 12.5 HP – 01 Nos.	
5.	Mono block self priming drainage pump of 90 LMP discharge of 10 mtr – 01 Nos	
6.	Double Headed internal valve – 18 Nos	
7.	Single Headed external hydrant – 06 Nos	
8.	Quartzoid bulb type sprinkler – 40 Nos	
9.	Booster pump 15 HP – 02 Nos	
10.	De-watering pump set 2 HP – 02 Nos	
11.	Water supply cubical panel board – 01 Nos	

B.	Operation and Maintenance of Fire Alarm system comprising of installations mentioned as under :-	
1.	Sensor type detector system – 94 Nos	
2.	Sensor type smoke detector system – 93 Nos	
3.	Manual Call Box – 24 Nos	
4.	Two zone sector panel – 08 Nos	
C.	Main Control Panel Consisting of :-	
1.	Ten one sector panel	
2.	Talk back master starter – 01 Set	
3.	Announcement control desk – 01 Set	
4.	100 W Amplifier with all accessories – 02 Set	
5.	Monitor panel for Loudspeaker with volume control – 01 Nos	
6.	Goose neck microphone with stand – 01 Set	

Signature of the Tenderer_____

Name & Address of Tenderers with seal_____

Telephone/Mobile No. _____

Place : _____