

Client ID	55
Tender No.	1066
Page no.	1/79

Issued to M/s. _____

**UTI INFRASTRUCURE TECHNOLOGY AND SERVICES LTD,
MUMBAI**

Address: Jeevan Tara Building, 5, Parliament Street, Patel Chowck, New Delhi.

Tel No: 011-23741289 Fax:011-23741280

Name of work:

Tender for Supply and Installation, Testing and Commissioning of Fire Alarm System, Fire Sprinkler System, Fire Extinguisher And PA System at the office premise of premise of Punjab And Sind Bank, Bank House 21, Rajendra Place, New Delhi – 110 008

Last Date of Submission of tender	:	3.00 p.m. On 16/09/2014
Date of opening of the Tender	:	3.30 p.m. On 16/09/2014
Vanue of Tender Submission	:	UTIITSL, Jeevan Tara Bldg. Gr. Floor, 5, Parliament Street Near Patel Chowck, New Delhi-110 001, 011-2374289
Validity of Tender from the Date of opening	:	60 Days
Time of commencement from the Work Order date	:	Within Three days.
Stipulated time of Completion	:	Within 60 days from the day of Work order
Documents to be provided	:	Indemnity regarding Central Excise Payments, CAR Policy, Agreement.
Earnest Money Deposit	:	Rs. 1,40,000/- (Rupees One Lakh Forty Only)

Client ID	55
Tender No.	1066
Page no.	2/79

UTI Infrastructure Technology And Services Ltd

INDEX

Sr. No.	Details	Page Nos.
1.	Tender Notice & Contract Summary	3 ó 20
2.	Procedure for submitting the tender	21 ó 21
3.	Summary	22 ó 23
4.	Format of indemnity for Statutory taxes etc.	24 ó 24
5.	Format of undertaking to pay the duties	25 ó 25
6.	Articles of Agreement	26 ó 27
7.	Building and General Requirements	28 ó 37
8.	Special Terms & Conditions	38 ó 41
9.	Preamble to Bill of Quantities	42 ó 44
10.	Bill of Quantities	45 ó 77
11.	Confirmation of terms and conditions	78 ó 78
12	Declaration	79 ó 79

Client ID	55
Tender No.	1066
Page no.	3/79

UTI Infrastructure Technology And Services Ltd.

Tender Notice

On behalf of our client, The Punjab & Sind Bank, Bank House 21, Rajendra Place New Delhi 110 008, we hereby invite sealed tenders for Supply, Installation, Testing and Commissioning of Fire Alarm System, Fire Sprinkler System, FM 200 System And PA System at the office premises of Punjab & Sind Bank, New Delhi as per the enclosed schedule of quantities, specification, list of materials and as per the terms and conditions spelt out in this notice.

A. Submission of Tender:

Tenders in sealed covers superscribing “Supply Installation, Testing and commissioning of Fire Alarm System, Fire Sprinkler System, FM 200 System and PA System at Banking House, Panjab & Sind Bankö and Client ID as mentioned on the cover page (page no.1) of the tender and quoting the reference number of letter forwarding this notice should reach the office of UTI Infrastructure Technology And Services Ltd. (UTIITSL), Ground floor, Jeevan Tara, 5, Parliament Street, New Delhi, Separate envelop to be used for each part.

The first part will form the Earnest Money Deposit, second part will form Technical Bid and the third part will be the price bid. The rates should be valid up to 60 days. Also the rates should be inclusive of all taxes and duties for supply, installation, maintenance.

a) All entries in Tender document must be made in ENGLISH. It must be hand written in INK and must NOT be typed. **The rate column to be filled in both figures and words against each item. Amount column to be filled for each item and the total amount for each trade/ part to be given.**

NOTE: 1) The contractor / tenderer means the person / the firm / the agency who is participating in the contract bid which shall also include their Legal Representatives, Successors, Hirers and Assignee of the firm.

2) Consultant means UTI Infrastructure And Services Ltd. having their office at ground floor, UTI-Tower, Gn Block, Bandra-Kurla Complex, Bandra (E), Mumbai – 400 051. Ph. No. 66786078, Fax No. 66786364/6005.

3) Engineer-in-charge means, the Engineer/ advisor/ consultants/ specialized agency/ person appointed by the UTI Infrastructure And Services Ltd who will be supervising the work, certifying the bill and who will also be responsible for the entire project.

For this work the Engineer-in-charge is Shri M S Bhatnagar Divisional Manager M 08130390302.

*4) a) Only the Tender form, issued by UTIITSL from office on payment of Rs 500.00 in the form of DD from any Nationalized Bank/**approved scheduled bank** as Tender fee or may be downloaded from website www.utiitsl.com or Governmant website www.tenders.gov.in free of charge, should be used. **The tender should not be changed or altered in any way and the original tender as issued by UTIITSL would form the reference in all cases.**The tenderer is requested to download*

Client ID	55
Tender No.	1066
Page no.	4/79

the complete tender document free of cost from our website as given above and take the printout of the complete tender document and submit the same duly signed on all pages.tender should be submitted as mentioned below:

b) As far as possible correction in the tender documents to be avoided. However in case of any correction, the same should be authenticated by the person who is signing the Tender. Over writing on the tender document is not permitted. **No additions or alterations are to be made by the tenderer to the text or the schedule of these tender papers. If made, they will be considered invalid.**

c) The Tender should be forwarded in the official letterhead of the tenderer.

d) The Earnest Money Deposit in the form of the Demand Draft should be placed in a separate envelope along with the tender duly marked as, " **Earnest Money Deposit** for the Work of Supply Installation, Testing and commissioning of Fire Alarm System, Fire Sprinkler System, Fire Extinguisher and PA System for office premises of Punjab & Sind Bank ,Bank House 21, Rajendra Place New Delhi 110 008.

e) The portion of your tender dealing with technical data and overriding conditions if any along with the Tender Document duly signed on each page should be enclosed in second envelope which should be clearly marked as "Description of Equipment, **Technical Data and Overriding Conditions**" for the Work of Supply Installation, Testing and commissioning of Fire Alarm System, Fire Sprinkler System, Fire Extinguisher and PA System for Punjab & Sind Bank, Bank House 21, Rajendra Place New Delhi 110 008. "

f) The Price schedule indicating "Work contract" price for the job quoted by you should be enclosed in third envelope which should be clearly marked in bold letters "**Price schedule** for the Work of Supply Installation, Testing and commissioning of Fire Alarm System, Fire Sprinkler System, Fire Extinguisher and PA System for the Punjab & Sind Bank, Bank House 21, Rajendra Place, New Delhi 110 008.

g) On these three sealed envelopes, the Name of the job and firms name should be clearly indicated. All the three sealed envelopes should be properly closed in the cloth bound sealed envelop.

5. The complete Tender documents (duly signed tender conditions, specification, priced bill of quantities etc.) should be addressed to "The **Divisional Manager, UTI Infrastructure Technology And Services Ltd. (UTIITSL), Ground floor, Jeevan Tara, 5, Parliament Street, New Delhi**" and reach the office on or before date fixed and notified in the tender document.

6. The Tenders will not be received after the due date and the time fixed. However, if the UTIITSL desires to extend the time limit, it will do so by informing all the tenderers either before the due date and time fixed for submission or after the due date and time.

7. In case the due date for submission / opening of the tender is declared as a public holiday in the State, (where the tender document is to be submitted), the time limit will be automatically changed to the next working day at the same time.

8. In case, the tenderers do not wish to quote for the work, the same should be informed to UTIITSL over letter / fax addressed to The Company Secretary on or before the due date of submission of the Tender. **The blank Tender also must be returned to the UTIITSL.** The

Client ID	55
Tender No.	1066
Page no.	5/79

technical specification, design and all other contents of the tender documents are patent and the same should not be reproduced without the prior permission of the UTIITSL. The payment made to UTIITSL towards the cost of the tender document is not refundable.

9. UTIITSL will take no responsibility for delay or loss or non-receipt of tenders after dispatch, by the tenderer.
10. The tenderers are advised to hand over the duly filled tender directly to the office of The Company Secretary (UTIITSL) or ensure that the tender reaches the office before the due date fixed for submission of the tender.
11. The tenderers are requested to inspect the site of work and acquaint about the site conditions and rules and regulations before quoting the rates. For this, the officials of UTIITSL may be contacted to make the arrangements.
- 12. The rate quoted should be inclusive of the cost of materials, labour, transportation, Sales Tax, Excise Duty, Cess, Sales Tax on works contract, VAT but exclusive of Service tax alongwith Education Cess and Secondary and Higher Education Cess as applicable to this Works Contracts Service. The service tax alongwith Education Cess and Secondary and Higher Secondary Education Cess shall be reimbursed on production of receipt of payment made to concerned authorities.**
13. The tender should be submitted strictly as per the terms & conditions spelt out in the tender notice. The tenderer should not make any alteration in the terms & conditions, drawings, specifications etc. In case of any alteration the tender may be considered as invalid/void.
- 14. The arrangement of the road permit for the supply of the tendered items at the specified location in the respected state will be done by the tenderer. However the reference/correspondence letter will be issued to the tenderer if required with the request to the UTIITSL in writing.**
- 15. Incomplete tenders are liable to be rejected.**

Client ID	55
Tender No.	1066
Page no.	6/79

Criteria for Pre-qualification of contractors and Evaluation of Performance

The tenderer shall fulfill the following conditions to get pre-qualified in the tender;

- 1 a) Three similar completed works (at least one of them should be in Central Government / Financial Institutions / Public Sector undertaking) each costing not less than the amount equal to 40% of estimated cost i.e. **Rs.56,00,000.00 in the last three years ending the last day of the month previous to the one in which the tenders are invited.**

OR

- b) Two Similar Works (at least one of them should be in Central Government / Financial Institutions / Public Sector undertaking), each costing not less than the amount equal to 50% of the estimated cost i.e. Rs. **70,00,000.00 in the last three years ending the last day of the month previous to the one in which the tenders are invited.**

OR

- c) One similar work of aggregate cost not less than the amount equal to 80% of the estimated cost i.e. Rs. **112,00,000.00 in the last three years ending the last day of the month previous to the one in which the tenders are invited.**

- 2 Average Annual Turnover during the last 4 years should be Rs. 400 lacks bank solvency shall be Rs. 28 Lacks.

Important :

The bidders are required to attach a relevant copy of work orders of similar work. Work completion certificates from the authority from whom the work is carried out and also company profiles and comply of License issued by Delhi Fire Authority. Further e-mail ID and contact no to be mentioned on the sealed cover of Tender .The documents should be duly Notorized

B. Opening of the Tender:

1. The sealed tenders will be opened in the presence of the authorized official of the UTITSL on the day as specified on the cover page,
2. Intending tenderers who wish to be present at the time of opening of tenders may be present at the office address as mentioned in page no. 3 on the day fixed for opening of the tender. Only the cover containing Earnest Money shall be opened first and the cover containing Technical Bid/Over riding conditions etc. shall be opened after opening the envelop of Earnest money. Without earnest money tender shall be rejected.

C. Acceptance of the tender:

1. The rates quoted by the contractors should be valid as specified in the cover page.

Client ID	55
Tender No.	1066
Page no.	7/79

2. Punjab & Sind Bank /UTIITSL reserves the right to accept / reject summarily any / all tenders in whole or part thereof without assigning any reason whatsoever and also does not bind itself to accept the lowest or any other tender.
3. It will be open to PUNJAB & SIND BANK /UTIITSL to negotiate the terms including the rates quoted with the lowest tenderer. The negotiated price by PUNJAB & SIND BANK /UTIITSL will be the contract value and work order will be placed for the said amount.
4. After the finalization of the bidder by PUNJAB & SIND BANK, as mentioned herein above the work order would be placed by UTI ITSL on behalf of PUNJAB & SIND BANK for carrying out the work.
5. The tenders for the work shall remain for acceptance for a period as specified on the cover page or the period that may be extended by mutual agreement and the tenderers shall not cancel / withdraw the tenders during that period.
6. Each tenderer must submit an Earnest Money Deposit as mentioned on the cover page (page no. 1) of the tender in the form of a Demand Draft only in favour of "UTI Infrastructure Technology & Services Ltd." payable at Delhi drawn on any Nationalized/Scheduled Bank (and which shall not bear any interest). **The Demand Draft should be placed in a separate envelope** and the tender document duly filled shall along with the tender duly marked with details. **No tender will be received with out EMD in separate cover.** The EMD will not carry any interest. In case of failure on the part of the contractor for commencement of work / delay in execution of the project, the said amount will be forfeited.
7. The Earnest Money will be returned to the unsuccessful tenderer after the intimation of rejection of the tender is sent. The Earnest Money will be retained in the case of the successful tenderer and will get converted as a part of Security Deposit for the due performance of the contract.
- 8. Earnest Money Deposit will be forfeited, if the contractor:**
 - a. Revokes the tender or increases the earlier quoted rates within the validity period.
 - b. Refuse, delay to sign and execute the contract after tender is accepted.
 - c. Does not commence the work within the time specified in the letter of intent/work order or 7 days from the issue of such letter, whichever is later.
- 9. Tenders will be rejected if;**
 - a. If the contractor does not quote any of the item / sub item in the tender.
 - b. If the contractor does not make the correction in the rate while quoting and not countersigned duly stamped at the particular item of the work.
10. The tender which does not fulfill any of the prescribed conditions will not be accepted.
11. Canvassing in connection with the tender in any form is strictly prohibited & the tender will be treated as cancelled.

Client ID	55
Tender No.	1066
Page no.	8/79

D. Execution of Work :

1. The work should commence *within the period specified on the cover page* from the date of the receipt of work order or the date that may be indicated in the work order. Accordingly, date of commencement of the work will be reckoned from the day as specified in the cover page.
2. The *work should be completed as specified on the cover page calculated* from the date of commencement of the work or within the time limit that may be indicated in the work order.
3. Time allowed for execution of work, as specified in tender, shall be the essence of the contract.
4. If the tenderer commits default in commencing the work, as required by the work order and found that the date stipulated cannot be adhered to, UTIITSL shall be entitled without prejudice to any other rights or remedies available may terminate / rescind the contract.
5. If the tenderer fails to carry out the work within the stipulated time mentioned in the work order, the UTIITSL will have liberty *to impose penalty @ 2 % of the total contract value per week* of delay subject to an overall limit of 10 %, without prejudice to other remedies available. The tenderer has to pay to UTIITSL such amount that may fall short over the amount due to them, if any.
6. However, if UTIITSL is convinced that the delay in execution of the work is beyond the circumstances created by the tenderer, they may award extension of the same to the extent they feel justified based on the request of the tenderer. In such case liquidated damages will be levied for the balance period, if any as provided as per the condition of the tender.
7. If the tenderer fails to commence the work within the days as specified on the cover page from the date of receipt of intimation for commencement of the work and / or the contractor fails to show progress in execution of work and UTIITSL feels the work cannot be completed within the stipulated time, UTIITSL will have the right to terminate the contract by **giving three days notice** to the contractor, at the full discretion of PUNJAB & SIND BANK /UTIITSL and the decision of UTIITSL will be final and binding. In case of termination of the contract, the payment if any, due to the contractor will be released only on completion of the entire project. The amount that may be spent for completion of the balance work will be recovered from the contractor. It will be the full discretion of UTIITSL to carry out the balance work through any agency at any rate as per the specification.
8. All the *materials and workmanship* shall be of the kind described in the schedule of quantities / specifications and in accordance with relevant BIS/ISI codes and as per directions of the Engineer-in-charge.

Client ID	55
Tender No.	1066
Page no.	9/79

9. The tenderers shall submit photocopies / originals of vouchers / challans etc., for verification of actual purchases of any material, if so, desired by the Engineer-in-charge.
10. The tenderer shall have to carry out testing of all materials brought on site at their own cost in any institute / laboratory / site of works as desired by the Engineer-in-charge. No extra claim will be entertained for such testing of materials.
11. The tenderer shall not at any time do, cause or permit any nuisance on the site/ do anything which shall cause unnecessary disturbances or inconvenience to the occupants / visitors at site or near the site of work.
12. The quantities indicated in the bill of quantities are approximate and the quantities may vary as per the site conditions / requirements. The rate quoted should be firm for the deviated quantities of work also.
13. The tenderer workers will not be allowed to stay at the work site.
14. The tenderer or his workers can use the common facilities such as drinking water, toilet etc., provided at the premises. However, it should be ensured that the same should be kept in hygienic condition.
15. Water and Electricity as per the availability at site can be made use of by the contractor. In such case Water and electricity charges @ 0.5% of value of work shall be recovered from the contractors bill. If not available the contractor has to arrange on his own.
16. In case of any damage to the existing structure, the tenderer should rectify the same free of cost up to the satisfaction of the Engineer-in Charge.
17. UTIITSL will have the liberty to modify the design to a reasonable limit. No extra charges will be paid for execution after such modification.
18. The Tenderer should protect the work till its completion and handing over against any possible damage, theft, scratches, etc.
19. The contractor has to make arrangements for cleaning the work site every day and on completion of the work from the work area at his cost.
20. The contractor should provide samples of the materials for approval of UTIITSL and the same will be kept in the custody of the Engineer-in-charge.
21. Wherever possible the work has to be carried out at the factory of the contractor and the same to be transported at the site.
22. The tenderer should make necessary arrangement for inspection of the items made at his factory / work place by the Engineer-in-charge. The tenderer should complete fabrication and

Client ID	55
Tender No.	1066
Page no.	10/79

- other works at factory and only assembling work and the finishing may be carried out at the site.
23. The tenderer should abide by the rules and regulations for the premises especially on the working hours, entry to the workers to the premises, interpersonal relation with the staff members and other agencies engaged at the site.
 24. The tenderer should make necessary arrangement for covering of all the furniture items/ records, if any of the client with cover / cloth during the course of work.
 25. **The tenderer should arrange a qualified technical supervisor at site during the course of the entire work.** The tenderer should not change the supervisor till completion of the work. The supervisor should be available at site when the work is in progress.
 26. Any damage / loss to Punjab & Sind bank /UTIITSL will be rectified at the cost & risk of the contractor.
 27. The workmanship should be of high quality / standard and the decision of the Engineer- in charge / Consultant shall be final in the regards.
 28. The tenderer should not apply primer / putty work / paint or any other finishing material before inspection and certification of the wood work by the Engineer ó in ó Charge.
 29. The tenderer should not engage any person prohibited by the law for execution of the job.
 30. The tenderer should carry out the work strictly as per the specification and as directed by the Engineer-in- Charge.
 31. All the materials proposed to be used should have the approval of PUNJAB & SIND BANK /UTIITSL.
 32. The materials required for the work **should be purchased only from the manufactures directly or from the approved dealers.** Confirmation for the same may be submitted if so desired.
 33. The dismantled material / debris should be removed from the site daily and be transported out to the place as designated by the Municipal Corporation at his own cost.
 34. The tenderer should make his own arrangement for storage of materials. PUNJAB & SIND BANK /UTIITSL may provide some space subject to availability (uncovered) within the premises for storage purpose. Materials only as per requirement are to be stored at site. Security for the material such stood/lying at site will be arranged by the contractor.
 36. Any damage / loss will be rectified at the cost & risk of the tenderer.
 37. The tenderer has to maintain a book for instructions from the Engineer-in-charge.

Client ID	55
Tender No.	1066
Page no.	11/79

38. All the electrification work shall be carried out by the licensed electrician under the supervision of licensed electrical contractor. After completion of the work, they shall submit the test certificate for the electrical work carried out by them.

DRAWINGS FOR SERVICES

Contractor shall prepare all the drawings before starting the work as per ISI specifications, National Building Code, Fire Insurance Regulations, Delhi Fire Service, Electrical Inspector Delhi State, Chief Electrical Inspector Central Govt., DDA, MCD or any other Authority rules and regulations connected with this work and getting the drawings approved from Chief Fire Officer, Delhi Fire Service Delhi state or by authorities as mentioned above without any extra charges, Building plans will be supplied by UTIITSL

Contractor have to submit along with the bill of quantities and the drawings to provide a complete workable facility as per tender specifications. The drawings, specifications and bill of quantities shall be considered as apart of this contract and any work or materials shown on the drawings and not called for in the specifications, bill of quantities or vice visa shall be executed as if specifically called for.

The drawings accompanying these specifications ,are design drawings indicating the extant and general arrangements of various equipment such as WET RISER SYSTEM, FIRE HYDRANT (SINGLE AND DOUBLE) FIRE AID HOSE REEL DRUM WITH HOSE RUBBER TUBE AND SHUT OFF NOZZLE, FIRE BRIGADE INLET AND OUTLET, FIRE HOSE COUPLING , BRANCH PIPE AND NOZZLE, R.L.L. HOSE PIPE AND CANVAS HOSE , G.I. PIPE, G.I. PIPE FITTINGS, C.I.SLUICE VALVES, CI NONRETURN VALVE, GUN METAL GATE VALVE PUMPS, ELECTRIC MOTORS DIESEL ENGINE, RELAYS, STARTER, MAIN SWITCHES, SINGLE PHASE PREVENTOR, SPRINKLER HEADS PRESSURE SWITCHES, DELUGE VALE , FIRE ALARM SYSTEM , FIRE PROTECTION FLOODING SYSTEM AND ALLOTHER ITEM CONNECTED WITH FIRE PROTECTION SYSTEM INDICATORS WIRING AND OTHER ITEMS mentioned in the schedule of quantities and shall be followed as closely as actual construction permits. Any deviations made shall be in conformity with the rules and regulations of various authorities and with final approval from the PUNJAB & SINDH BANK /UTIIASL, THE CONTRACTOR SHALL FOLLOW THE DRAWINGS AS CLOSELY AS PRACTICAL to do so.

The right is reserved to make any reasonable changes in outlet locations. It shall be the contractor responsibility to provide complete system as shown specified and required by the applicable codes. All connections and appurtenances shown on the various diagrams shall be included in the finished job.

The contractor shall visit the site prior to bidding to familiarize himself with all conditions. The contractor shall note the following:-

a) Sprinkler pipes have already been provided in 8th, 7th, 6th, 5th 4th and Gr Floor for completing the false ceiling. The sprinkler system is to be connected to main riser as required.

Client ID	55
Tender No.	1066
Page no.	12/79

b) 2X1.5 sq mm armoured cable has been provided in above floors for providing conventional Type Detector. However Detectors have not been provided. The contractor shall consider the Addressable Detectors as per Tender BOQ and specifications.

c) It will be the responsibility of the contractor to obtain Fire NOC from fire Authority for the entire work carried out in the Banking House For which no separate charges shall be paid.

The contractor shall not commence work until the line out of entire work of providing all equipment and accessories required for satisfactory operation of the WET RISER/FIRE HYDRANT, SPRINKLER SYSTEM, AND FIRE ALARM, FIRE PROTECTION SYSTEM PUNJAB AND SIND BANK, BANK HOUSE , RAJINDRA PLACE NEW DELHI marked on drawing/site by him and has been approved by PUNJAB & SIND BANK /UTIITSL or THEIR representative. All drawings tracing photo prints to be considered by all parties concerned to the sole property of the PUNJAB & SIND BANK or his representative and they must be returned to him on the completion of the work

After installation is completed, the contractor shall obtain NOC from concerned authorities, contractor shall prepare in full detail and six set of copies submitted to the PUNJAB & SIND BANK.

E. Payments:

- a. The billing is to be done in the name of the client , Punjab & Sind Bank as specified on page 3 in the beginning paragraph of Tender notice.
- b. Advance: 30% of the accepted item rate tender amount shall be released as advance against submission of Bank Guarantee of equivalent amount from a Nationalised Bank and submission of Proforma Invoice.
- c. Balance 45% shall be paid after safe delivery of materials based on item rates of accepted tender, submission of purchase vouchers and joint verification/measurement and submission of Bills
- d. Balance 20% of payment shall be released after completion of entire work as per Schedule of Quantities of Tender , Testing as per safety Rules/Standards and Commissioning of all systems and duly certified by our Engineer after joint measurement of the work.
- e. Balance full and final payment of 5% of executed work shall be released after submission of NOC from Fire Authority/ Local Authority ,fulfilling of all tender

Client ID	55
Tender No.	1066
Page no.	13/79

conditions and handing over of the systems to client, duly certified by our Engineer and on submission of invoice /Final bill.

1. Bills will be acceptable for the work executed on proper submission of the bill together with the measurements of the work carried out. The Security Deposit, other statutory deduction and any other amounts as may be deductible/ recoverable as per the terms and conditions of contract will be deducted from the bills.
2. 10% of the value of each running bill will be deducted as Retention Money / Security Deposit.
3. The final bill will be released on satisfactory completion of the entire work and on completion of all the terms and conditions / obligations spelt out and on proper submission of the bill together with the measurements.
4. 50% of the Security Deposit will be refunded together with the final bill. The remaining 50% will be returned to the tenderer after the completion of defect liability period of 12months. Before releasing the security deposit, it is mandatory that the contractor has to take the completion certificate from the PUNJAB & SIND BANK.
5. The contractor should approach BANK immediately on completion of the Defect liability Period and obtain such certificate so that the Security Deposit should be released in the event that some rectification or some repairs have to be carried out, the same should be completed and got certified from the BANK and forwarded to us for releasing the Security Deposit.
6. NOTE: It is the responsibility of the contractor to take the no objection certificate / no defects certificate from the BANK on completion of the Defect Liability Period. UTIITSL would not be responsible for the certificate.
7. **In case the no defect certificate / no objection certificate is not taken by the contractor, then the security deposit will not be released till such time UTIITSL has a satisfactory note on successful completion of the defects liability period.**
8. 50% of the Security Deposit will be refunded together with the final bill. The remaining 50% will be returned to the tenderer after the completion of defect liability period of 12months. **Before releasing the security deposit, it is mandatory that the contractor has to take the completion certificate from BANK.**

Client ID	55
Tender No.	1066
Page no.	14/79

9. Income Tax, Sales Tax on Work Contract, VAT, Cess and / or any other Statutory deductions as per the prevailing rules at the time of execution will be deducted from the payable amount for which certificate will be issued in favour of the tenderer.
10. Tenderer will not be entitled to any interest on Retention Money or any Running account bill money for the time it will remain with the PUNJAB & SIND BANK /UTIITSL.
11. The items of works as well as the approximate quantities against these items as given in the schedule of *quantities and the same should not be considered precise quantity of works to be carried out*. The tenderer shall be paid on the basis of the actual quantity of completed work as per the provisions of the contract and as per the specifications.
12. It is possible that certain extra items of work may come up during the course of work. The payment for such items will be made based on Engineering/Market rate analysis. **A component of 15% on the cost of material (actual purchase cost / market price without any wastage) and labour will be considered as tenderers profit and other overheads.**
13. **DEVIATION, VARIATION, EXTRA / DEVIATED ITEMS AND PRICING :**

The rates of such altered, additional or substituted works shall be determined in accordance with the following.

- a. The net rates or prices in the original tender shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced therein.
- b. The net price of the items in the original tender shall determine the value of the items omitted. However, if omissions vary the conditions under which any remaining items of the work are carried out or if the amount of any omission relative to the amount of the whole of the Contract works or to any part thereof shall be such that in the opinion of the UTIITSL, the net rate or price contained in the Priced Schedule of Quantities or Tender or for any item of work involves loss or expenses beyond that reasonably contemplated by the Contractor and is by reason of such omission rendered unreasonable or inapplicable, the UTIITSL shall fix another rate or price as in the circumstance UTIITSL shall think reasonable and proper.
- c. If the rate for any altered, additional, or substituted item of work is not specified in the schedule of quantities, the rate for that item shall be derived from the rate for the nearest similar item specified therein.
- d. If the rate for altered, additional or substituted item of work cannot be determined in the manner specified above, then such items of work shall be

Client ID	55
Tender No.	1066
Page no.	15/79

priced on the basis of rates for labour and materials as per the market rate prevailing at the time of execution.

- e. While fixing rates of extra items 15% (Fifteen percent only) shall be allowed on the cost of material and labour to cover all supervision, overheads, statutory Taxes except service tax and Levies and profits except service tax.
- f. Items for which the rates, as assessed by the UTIITSL are higher or lower by more than 35% of the market rates shall be termed as Abnormally High Rated Items (AHRI) and Abnormally Low Rated Items (ALRI) respectively. The deviation limit for variation in quantities of AHRI & ALRI shall be 25% in foundation and plinth, and 15% in super-structure. Quantities in excess of the deviation limit shall be treated as extra items of work and priced accordingly as above. The decision of the UTIITSL on categorization of items as AHRI / ALRI shall be final and binding.
- g. For all extra items of work, the contractor should submit to the concerned UTIITSL Engineer the necessary particulars along with his analysis and the rate he proposes to claim for consideration immediately or latest within a period of 4 (four) weeks from the time of cropping up of any authorized extra / deviated item. He shall also ensure that all the authorized claims are included in the final bill. If the contractor fails to submit his claim within the stipulated period or the period duly extended by the UTIITSL Engineer, then the UTIITSL shall proceed to fix the rate for the item(s) and the same shall be final and binding on the contractor.
- h. The Contractor shall note that Extra/Deviated items claim and/or any other claim whatsoever if submitted after submission of his Final Bill, will not be entertained and considered. The Contractor shall not be allowed to make any Additions/ Alterations/ Revisions / Changes/ Modifications/ Variations in the final bill, after the final bill is submitted by him.

F. **Escalation:**

1. *No escalation* in rate shall be paid for the works carried out.
2. No claim on account of fluctuation of rates of material and labour will be entertained during the course of work ó (from the date of acceptance of the Tender till issue of completion certificate).

Client ID	55
Tender No.	1066
Page no.	16/79

PRICE FLUCTUATIONS / VARIATIONS :

Rates quoted by the contractor shall be FIRM throughout the currency of the contract (including extensions of time, if any granted.) No price fluctuation due to variation in cost of materials or Labour or any variation under any State or Central Legislation or any other reason whatsoever shall be allowed.

G. Defect Liability Period:

1. Defect Liability Period as per the terms of the contract is *12 months* from the date of virtual completion of the work. The work will be considered as virtually completed only when the tenderer completes the entire work as per the specification and joint inspection of work by the Engineer-in-charge and tenderer.
2. The **Security Deposit** will be refunded after the defect liability period of *12* and rectification of the defects occurred whether pointed out in inviting or not. It will be the duty of the contractor to inspect the site for defects and rectify the defects within the defect liability period.
3. During the course of Defect Liability Period the tenderer has to rectify all the defects, if any, noticed free of charge.
4. In case the tenderer fails to attend the rectification work within 7 days of reporting the same in writing, UTITSL will have the liberty to carry out the said work through some other contractor at the cost & risk of the tenderer. Such expenditure incurred to the client will be recovered from the Security Deposit. In case any expenditure incurred is more than the Security Deposit, the tenderer should pay the difference that may fall short.
5. While carrying out the rectification work, the tenderer should ensure that the surroundings should be protected against any possible damage. In case of any damage, the same should be made good by the tenderer.

H Statutory obligations to be followed:

1. The tenderer should ensure adherence of all statutory requirements under the State and Central Rules in force and other local bodies for smooth and timely completion without any additional cost.
2. The tenderer shall comply with the provisions of all the rules and regulation in respect of labours engaged at site (such as Contract Labour {Regulation & Abolition} Act, 1970, Minimum Wages Act, Apprentice Act and all other labour laws as may be enforced from time

Client ID	55
Tender No.	1066
Page no.	17/79

to time by the Government Authorities) for execution of work, procurement of material for completion of the entire project. UTIITSL shall not be held responsible for any penalty on failure of any of the labour regulations or on failure of any compliance of any rule in force.

3. The tenderer shall strictly comply with the provision of Sales Tax (both State & Central), Excise Duty, etc. All the duties / taxes with respect to the work should be borne and paid by the tenderer himself. UTIITSL shall not be responsible for any payment/ penalty on this account at any stage.
4. The goods are manufactured at the tenderers office / site, the tenderer has to pay Central Excise and he has to produce Excise Invoice Copy for removal of goods from the manufacturing site. In case the goods are manufactured or produced at the site then Excise Invoice showing that the Central Excise has been paid should be submitted to UTIITSL.
5. The tenderer should submit a statement confirming that all duties / taxes of every nature covered under the contract have been paid and the tenderer shall indemnify the PUNJAB & SIND BANK /UTIITSL against all claims in that behalf.
6. The tenderer should ensure adherence of all the requirements under the State and Central Rules in force.
7. The tenderers should submit an affidavit / Declaration on payment of Central Excise as per the enclosed format.
8. The tenderer should also submit when required, a copy of the declaration filed with the Central Excise for the last financial year.
9. The tenderers are required to take ***Contractor's All risk insurance policies*** (CAR Policies) with respect to the work within one week from the receipt of the work order and the workmen with an approved Indian Insurance Company in the joint name of PUNJAB & SIND BANK and the Tenderer from the day of commencement of work till the defect liability period.
10. The value of the work to be insured would be 125% of the contract value.
11. The CAR policies should have additional coverage under 3rd party liabilities and maintenance period. The liabilities should be one lakh rupees per accident and the number of accidents should be infinity. The maintenance period shall be the defect liability period as per the terms of the contract. The photocopies of the premium receipt and the policies should be submitted to UTIITSL.
12. The tenderer has also to insure their workers under Workmanø compensation Act- 1923.

Client ID	55
Tender No.	1066
Page no.	18/79

13. UTIITSL will have the right to protect its interest either by taking insurance directly or by any action that may deem fit on account of the tenderer and recover the same from the tenderer incase the tenderer fail to do so.

I. Responsibilities of the tenderer

1. The tenderer should enter into an agreement as per the articles of agreement on stamp paper attached with this notice within 7 days of issue of acceptance of the tender.
2. The tenderer shall not sublet the work without written approval from UTIITSL.
3. The tenderer should co-ordinate with all the other contractors for execution of the project.
4. The tenderer should set out the layout at site before commencement of work and obtain approval for the same from UTIITSL.
5. The contractor should arrange for sufficient light & power point required for entire project at his cost.
6. The tenderer should clear the site within 7 days of virtual completion of work of all material not paid for.
7. The tenderer should submit the schedule and bar chart of work before commencement of the work within 7 days of receipt of work order.
8. The tenderer should take adequate precaution against fire hazard at site. The tenderer should ensure that all fire safety measures are taken during execution and that the work carried out is as per the fire safety norms of the local Fire office.
9. The tenderer should arrange scaffoldings / ladders for proper execution of work, also to ensure safety of the workers as per the relevant provisions of the law.
10. The tenderer should submit samples of the material proposed to be used for the approval of UTIITSL.
11. The tenderer should prepare mock-up of the items for the approval of the UTIITSL and as per the advise of UTIITSL. The expenditure that may be incurred for making the mock-up samples should be included in the respective items of work.
12. In case the tenderer is a partnership firm, any change in the constitution of the firm shall take place only with the prior approval of UTIITSL during the contract period.
13. The tenderer should submit shop drawings for all the items for the approval of UTIITSL before execution of each item of work.
14. The tenderer has to ensure safety of the premises and the work till handing over of the same to UTIITSL.

Client ID	55
Tender No.	1066
Page no.	19/79

15. The tenderer should submit the As-built drawings of the entire work together with the Final bill.

- The special conditions annexed with this notice has to be strictly followed.
- This notice shall form part of the contract.

J. Determination of contract due to abandonment or reduction in scope of work:

If at any time after the acceptance of the tender, the UTIITSL/CLIENT shall for any reasons whatsoever not require the whole or any part of the works to be carried out, the UTIITSL shall give notice in writing to the Contractor who shall have no claim to any payment of compensation or otherwise whatsoever on account of any profit or advantage which he might have derived from the Execution of the whole of the works.

The Contractor shall be paid at contract rates for the full amount of work executed and All surplus materials collected for incorporation in the work, which the Contractor has procured will be taken back by the contractor.

K. DISPUTES TO BE FINALLY DETERMINED BY UTIITSL

The instruction, decision, opinion, direction, certificate or valuation of the UTIITSL with respect to all or any of the matters including which come under clauses D-4,6,7,8,9,10,17,20, 22,27, 29, 30,31,32, 34,E-14, G-1 to 4,I,Special Conditions of contract -5,6 7, 8, 10,11(which matters are herein referred to as EXCEPTED MATTERS) shall be final and binding on the parties hereto and shall be without appeal. Any other decision, opinion, direction, certificate or valuation of UTIITSL or any refusal of UTITISL to give any of the same shall be dealt with as mentioned hereinafter.

L. SETTLEMENT OF DISPUTES, DRC:

i) UTIITSL has been appointed as the Consultant for our client as mentioned elsewhere in the contract no arbitration or legal claim will stand against UTIITSL. The claim if any with respect to the work payment or any other matter including release of Security Deposit etc., will be limited to the client as mentioned and not against UTIITSL.

M. The work will be awarded to the agency that has given the lowest rate (L-1).

Additionally;

- a. The L2 will be asked to confirm if he can do the work at the lowest rates quoted by L1.
- b. If the L2 gives a letter confirming that he is ready to carry out the work at the lowest rate (L1), then it can be considered to award the work to him also. The condition of this award of work to L2 on the rates of L1 will be as under:

1. When L1 denies in writing that he does not have capacity to do the work.

Client ID	55
Tender No.	1066
Page no.	20/79

2. When it is observed by UTI Infrastructure Technology And Services Ltd. that L1 has not attended the work and completing the same in time.
 3. When defects are found in the work of L1.
 4. When L1 does not take up the work as assigned within the stipulated time period as mentioned in the work order.
- The special conditions annexed with this notice have to be strictly followed.
 - This notice shall form part of the contract.

O SERVICE TAX

- a) **Service Tax alongwith Education Cess and Secondary and Higher Education Cess as applicable to Works Contract Service in terms of Section 66B and Section 67 of Finance Act, 1994 read with Rule 2A of Service Tax (Determination of Value) Rules, 2006 shall be chargeable on the contract. The quantum of service tax chargeable by service provider shall be determined in terms of Section 68(2) of Finance Act, 1994 read with Rule 2(1)(d)(i)(F)© of Service Tax rules, 1004 and Notification No. 30/2012-ST dated 20th June, 2012 (as amended). Service Tax Registration Certificate of service provider to be enclosed along with tender application.**
- b) **The quantum of service tax as admissible will be payable on receipt of a demand raised by the service provider on actual service tax paid basis.**

Client ID	55
Tender No.	1066
Page no.	21/79

PROCEDURE FOR SUBMITTING THE TENDER

1. The Price schedule indicating "Work contract" price for the job quoted by you should be enclosed in one envelop which should be clearly marked in bold letters "**Price schedule only**"
2. The portion of your tender dealing with technical data and overriding conditions if any should be enclosed in an second envelope which should be clearly marked as "Description of equipment, technical data and over riding conditions".
3. The earnest money deposit for the work should be enclosed in the third envelop which should be clearly marked as "Earnest money for the WORK OF SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF WET RISER/FIRE HYDRANT, SPRINKLER SYSTEM, AT PUNJAB & SIND BANK RAJINDERA PLACE NEW DELHI
4. On these three envelops the Name of the job and your firms name should be clearly indicated. All the three envelops should be properly sealed.
5. The above three envelops containing different sections of your tender shall be enclosed in the cloth bound envelop already supplied by us for submission of your tender and the same shall also be submitted duly sealed with all entries on the envelop filled in properly.
6. On the date of tender opening, only the cover containing Earnest Money shall be opened first and the cover containing over riding conditions etc. shall be opened after opening the envelop of Earnest money. Without earnest money tender shall be rejected. The cover containing price schedule shall be opened at a later date. The date of opening of price schedule will be intimated to the contractor subsequently.

Client ID	55
Tender No.	1066
Page no.	22/79

UTI Infrastructure Technology And Services Ltd

Summary	
Time of Completion	60 days as mentioned in cover page
Date of Commencement of work	Within 7 days from the date of issue of work order OR as indicated on the cover page whichever is earlier.
Liquidated damages	2 % of the total contract value per week subject to the maximum of 10 % of the contract value
Minimum Value of work for interim certificate	As per payment terms of Tender
Validity of the offer	Please See Cover Page
Security Deposit (Retention money)	10 % of total value of work done. 5 % will be released at the time of full and final payment and 5 % after defect liability period of one year
Sales Tax, Excise duty, Royalty, Octroi, Work contract tax or any other statutory levies / Taxes / Cess.	To be entirely borne by the Contractor. The Sales Tax, Excise Duty, Octroi, Works Contract Tax and any other statutory levies / taxes / cess as applicable. Service Tax shall be reimbursed on production of receipt as proof of payment.
Rate of Items to also include	Rates included for Getting approval of the subject work under this contract and other Fire Protection works carried out by other agencies in the building by any contractor such as FIRE ALARM SYSTEM INSTALLED IN THE BUILDING ALONG WITH OTHER WORKS SUCH AS FIRE CHECK DOORS AND OTHER CONNECTING WORKS as well as No objection Certificates as required from the Chief Fire Officer, DDA MCD or any other authorities connected for approval as per tender specifications. and the work is to be completed with in two months from the date of

Client ID	55
Tender No.	1066
Page no.	23/79

		work order including obtaining NOC and approvals.
	Insurance policy	1. CAR policy with the value of 125% of the contract value. 2. Third Party Insurance ó Rs.1 Lac per accident and no. of accidents infinite.
	Defects Liability Period	12 (Twelve) months from the date of virtual completion / handing over.
	Terms of Payment	Payments as stated in Page No 12
	Deductions	Income Tax at source as per Income Tax Rules Sales Tax / Works Contract Tax/ Commercial Tax as applicable in the statement. Cess applicable as per the local rules Any other Levy/Cess/Tax to be deducted at source by law.
	Extra / Additional work	15% of the cost of material and labour towards overheads and profit

I / we hereby agree and accept the above terms and conditions.

(Seal)
For (Name & address of the Contractor)

Signature of the Tenderer
For (Name of the Contractor & Designation)

Client ID	55
Tender No.	1066
Page no.	24/79

Annexure-I

(On Rs.100/- non-judicial stamp paper by the successful bidder)

From: The Contractor

To: UTI Infrastructure Technology And Services Limited.

UTIITSL Tower, Plot No. 3, Sector 11, CBD Belapur, Navi Mumbai ó 400 614

Dear Sirs,

We refer to the tender dated _____ for _____ at the premises at

_____. We hereby confirm that we have complied with all formalities in the performance of our Contract for the supply of goods and services under all statutes governing the same, Central, State or Local. We further confirm that we have paid all taxes and duties including sales tax and excise duty in respect of the goods and services supplied to you and undertake to be responsible for the same.

We agree to indemnify and keep you indemnified against any claim or demand and all loss, costs, charges and expenses incurred or suffered by you as a result of any claim being made by any person in respect of our obligation under the said tender for payment of taxes, duties or otherwise.

Yours truly,

Date: _____

**SIGNATURE OF CONTRACTOR
WITH RUBBER STAMP**

Client ID	55
Tender No.	1066
Page no.	25/79

Annexure – II

(On Rs.100/- non-judicial stamp paper by the successful bidder)

From: The Contractor

To: UTI Infrastructure Technology And Services Limited.

UTIITSL Tower, Plot No. 3, Sector 11, CBD Belapur, Navi Mumbai ó 400 614

Dear Sirs,

We refer to the tender / contract dated _____ for supply of goods and services to you at your premises at _____. We / I advise that, we / I are / am covered under the exemption limit prescribed by the Central Excise Act 1944 and no Excise is payable by us / me on the goods and services supplied to you. We / I further confirm that we / I have complied with all the formalities in the performance of our contract for the supply of goods and services and under all statutes governing the same, Central, State or local.

We undertake that if any taxes and duties including sale tax and Excise duty in respect of goods and services supplied to you by us / me is payable, the responsibility of paying the same shall be our / mine.

We agree to Indemnify and keep you Indemnified against any claim or demand and all loss, cost, charges and expenses incurred and suffered by you as a result of any claim being made by any person in respect of our / my obligation under the said tender / contract for payment of taxes, duties or otherwise.

Yours truly,

Date: _____

**SIGNATURE OF TENDERER
WITH RUBBER STAMP**

Client ID	55
Tender No.	1066
Page no.	26/79

ARTICLES OF AGREEMENT

(On Rs.100/- non-judicial stamp paper by the successful bidder)

ARTICLES OF AGREEMENT made at Mumbai this ____ day of _____, 2014 between UTI Infrastructure Technology And Services Limited having its Registered Office at Plot No 3, Sector 11, CBD Belapur, Navi Mumbai 6400 614 (hereinafter called the "Consultant" of the one part) and _____ (name and address of the contractor) (hereinafter called the "Contractor" of the other part).

WHEREAS the consultant is desirous of Supply, Installation, Testing and Commissioning of Fire Alarm System, Fire Sprinkler System, Fire Extinguishers, Fire Fighting System including pumps, motors, electrical panels and PA System work at the Office premises of The Punjab & Sindh Bank, Bank House 21, Rajendra Place New Delhi 110 008 hereinafter called "The Work" and has prepared drawings/specifications the Schedule of Quantities.

AND WHEREAS the contractor has agreed to execute upon and subject to the conditions and instructions set forth herein (hereinafter referred to as the "the said conditions") the works shown upon the said drawings and/or described in the said specifications and included in the said Abstract Schedule of Quantities at the item rates therein set forth amounting to the contract sum of Rs. _____/- (Rupees _____ only) hereinafter referred to as "the said contract amount"

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration of the said Contract amount to be paid at the times and in the manner set forth in the said conditions, the Contractor shall upon and subject to the said Conditions execute and complete the works shown upon the said Drawings or described in the Specifications and / or the priced Schedule of Quantities.
2. _____, the Client shall pay the Contractor the said contract amount or such other sum as shall become payable at the times and in the manner hereinafter specified in the said conditions.
3. The said conditions and appendices thereto shall be read and construed as forming part of this Agreement, and the parties hereto shall respectively abide by and submit themselves to the conditions and perform the agreement on their part respectively in such conditions contained.
4. All disputes arising out of or in any way connected with this Agreement shall be deemed to have arisen in Mumbai and only the Courts in Mumbai, shall have jurisdiction to determine the same.
5. This Contract comprises:
 - (i) Tender documents serial pages ____ to ____.
 - (ii) Subsequent correspondence:
 - (iii) Work order no _____ dated _____
6. Only NIL alterations have been made in these documents and as evidence that these alterations were made before the execution of Contract Agreement, they have been initialed by the Contractor and The Company Secretary / official otherwise designated by Chief Executive Officer of UTI Infrastructure Technology And Services Limited, the said officer is hereby authorised to sign and initial the documents on behalf of the **UTI Infrastructure Technology And Services Limited**, the document forming part of this contract.

Client ID	55
Tender No.	1066
Page no.	27/79

7 IN WITNESS WHEREOF THE official seal of the UTI Infrastructure Technology And Services Limited, was thereto affixed on its behalf by The Company Secretary /official otherwise designated by Chief Executive Officer and the Contractor/s has / have signed this Agreement on the dates respectively mentioned against their signatures in the presence of the following witnesses.

Signed by the Contractor:

Signature: _____
Date: _____

In the presence of:

Signature: _____
Name: _____
Address: _____
Date: _____

For and on behalf of
UTI Infrastructure Technology & Services Ltd.

Signed by -----

Name: _____
Address: _____
Date: _____

In Presence of:

Signature: _____
Name: _____
Address: _____

Client ID	55
Tender No.	1066
Page no.	28/79

Building and general Requirements

1.0 BUILDING

1.1. The building consists of the following levels:

- i. Basement level
- ii. Ground floor
- iii 1st floor
- iv 2nd floor
- v 3rd floor
- vi 4th floor
- vii 5th floor
- viii 6th floor
- ix 7th floor
- x 8th floor
- xi Lift machine room
& terrace floor

1.2. For details of building construction refer architectural and structural drawings with the Engineer in charge

1.2 STANDARDS:

1.2.1. All relevant Indian Standards, Codes of Practice and Regulations shall be applicable. Where Indian Standards are not available, corresponding British Standard shall be followed.

1.3 SERVICE FEATURES

1.3.1. The system shall be non-coded type(Digital Type) and Electrically supervised. The operation of any automatic fire detection service or alarm stations shall result in audio visual flashier and sound alarm at the main control station with the indication of ROOMS OF ELECTRIC SUB - STATION FOR C.O.2/HALOON SYSTEM

Client ID	55
Tender No.	1066
Page no.	29/79

- 1.3.2. On receipt of audio and visual alarm signals, the operator shall press push button to silence audible alarm and flashier indicator 'OFF':- The alarm flashier shall however, be steady "ON"
- 1.3.3. If required to sound alarm bell at any one location the operator shall do so from the main control station
- 1.3.4. If required to evacuate the entire building premises, the operator shall be able to sound or silence all electric Hootors simultaneously from the main control station by a single push button
- 1.3.5. Main control station shall have security alarm to indicate error or break in line and or any fault in the equipment.

1.4.0 STANDARDS

- 1.4.1 All relevant INDIAN STANDARDS CODES OF PRACTICE AND REGULATIONS shall be applicable. Where Indian Standards are not available, corresponding to BRITISH STANDARDS shall be followed.

1.5.0 SPECIFICATIONS

- 1.5.1 Work shall be carried out strictly in accordance with Specifications attached to these tender documents
- 1.5.2 Work not covered in the specifications shall be carried out as per relevant Indian Standards Code of Practices and as per latest version of ISI and specification of material and as per directive of Chief Fire Officer.
- 1.5.3 During Inspection any changes suggested or directed by the Chief Fire Officer or any other Authorities, the contractor have to carry out the same with out any extra cost .

1.6.0 GENERAL REQUIREMENTS

- 1.6.1 All materials shall be best quality and conforming to the specifications and subject to the approval of the General Manager /Project Manager
- 1.6.2 G.I./M.S. Pipe, Flexible piping and fittings shall be fixed truly vertical, horizontal or in slopes as required in a neat workman ship manner and as per ISI specifications
- 1.6.3. Contractor to provide all equipment and accessories required for satisfactory operation of the WET RISER/FIRE HYDRANT, SPRINKLER SYSTEM, AND FIRE ALARM SYSTEM and shall fixed these a manner as to provide easy accessibility for repair and maintenance and shall not cause obstruction in shafts, passages.

Client ID	55
Tender No.	1066
Page no.	30/79

1.7.0 RATES:

1.7.1 Rates to include labour, wastage on materials and ancillaries. equipment and accessories required for satisfactory operation of the WET RISER/FIRE HYDRANT, SPRINKLER SYSTEM, AND FIRE ALARM SYSTEM for the subject work

1.7.2 Rates includes for preparing working drawings for entire work of providing all equipment and accessories required for satisfactory operation of check the WET RISER/ FIRE HYDRANT, SPRINKLER SYSTEM, AND EMULSIFIRE SYSTEM/ AND OR CO 2 TOTAL AUTOMATIC FLOODING SYSTEM after checking existing conditions at site. These drawings shall indicate layout of entire work covered under this contract or any other items installed in the building or mentioned in the tender specifications and in schedule of quantities and getting the drawings approved from the Chief Fire Officer before starting the work.

1 7.3.Rates included for the work of cleaning of sleeves etc provided for wet riser and sprinklers in the basement if any.

Rates included to connect the subject work system of fire fittings wet riser and sprinkler system with the existing system provided in the building at various floors

1.7.4. Rates includes for getting the entire Fire Protection installation ie Fire Alarm, Fire Protection , wet riser system, sprinkler system, public address system, under this contract or provided existing system in the building i.e ENTIRE INSTALLATON is to be get approved from Chief Fire Officer of Delhi Fire Service and or by any other authorities connected with such approval.

1.7.5. Rates includes for one year's free service and maintenance. The tenderers shall also furnish one year's guarantee against any defect or defective material and /or workmanship. The above mentioned one year's guarantee period will start from the date of installation taken over by the P & SB or from the date of approval /No Objection Certificate obtained from the competent authorities and all Fire Protection Installation and commissioned in all respects which ever is latter.

1.7.6 The price quoted shall be firm throughout the currency of the contract and no price variation for material, labour and any other shall be payable on any account. This clause is superseding all other clauses of price variations mentioned in the tender. Violation of this clause shall not be acceptable.

1.7.7 Printed conditions of contract on tenders head or other wise shall not be applicable and shall not be accepted.

Client ID	55
Tender No.	1066
Page no.	31/79

- 1.7.8 It shall be the responsibility of the Tenderers to get the entire installation under the this contract or provided existing installation in the building along with other Fire protection installations, approved ,certified and also obtain NOC from Chief Fire Officer, Delhi Fire Service Delhi State Govt. or any other Authorities and by the competent authority.
- 1.7.9 The rates quoted will include for the cost of materials, erection, connections, culmination, Labour, supervision, tools plants, transport, octroi all taxes levies livable under any law for the time being, contingencies, breakage wastage, sundries, scaffolding, maintenance of the installation for one year free service after commissioning the installation and getting necessary approval and NOC from various authorities as mentioned above.
- 1.7.10 The work under this scope will be carried out simultaneously with civil work, Electrical works, and any other works and will be continued till it is completed satisfactorily along with the completion of all works.
- 1.7.11 If any minor alterations are found necessary the contractor shall have to do the same without any extra cost.
- 1.7.12 The rates quoted by the contractor should cover for work at all heights and levels for all the items of work under this contract.
- 1.7.13 The rates included for getting the NO OBJECTION CERTIFICATE from Chief Fire Officer for all the Fire Protection and fire Alarms works i.e to be carried out under this contract and provided existing installation in the building carried out by other agencies such as wet riser, sprinkler system, fire alarms system, public address system and or any other works connected with the fire protections even carried out by other agencies and NOC shall be obtained with in two months of work order.

1.8.0 GENERAL REQUIREMENTS:

- 1.8.1 General requirements for all the equipment covered under these Tender specifications are as follows

1.8.2 CLIMATIC CONDITIONS:

- 1.8.2 Ambient Temperature : 45 C Max. 5 C Min.
- Altitude : 218 Meter above mean sea level
- Relative Humidity : 80%
- Annual Rainfall : 750 mm to 1000 mm

Client ID	55
Tender No.	1066
Page no.	32/79

Design of the equipment should take these conditions into account. The equipment shall be given tropical and fungicidal treatment as per IS 3202

1.8.3 DEVIATIONS

1.8.3.1 Any deviations in the specifications of the equipments offered shall be clearly pointed out at the time of submitting the tender

1.8.4 LITERATURE/SKETCHES

1.8.4.1.1 Literature/Sketches for all the equipments, offered by the contractor shall be submitted with the tender.

1.8.5 PAINTING

1.8.5.1 Metal parts of all the equipments shall be thoroughly cleaned to remove rust, scales, etc. and suitable anti-corrosive treatment such as phosphatising shall be given to the metal work. All exposed surfaces of the metal work shall then be given a priming coat of zinc chromate or equivalent and finished with two coats of paint of approved shade.

1.8.6. OPERATION AND MAINTENANCE MANUAL

1.8.6.1. Six copies of operation and maintenance manual shall to be submitted for each main equipment before sending the equipment to site.

1.8.7. TOOLS

1.8.7.1. Set of all special and non-standard tools required for installation operation and maintenance of equipments shall be supplied complete with a suitable M.S. box.

1.8.8. PERFORMANCE PARTICULARS;

1.8.8.1. Performance particulars as called for in the technical specifications shall be furnished along with the tender.

1.8.9 MANUFACTURER'S / CONTRACTORS DRAWINGS

1.8.9.1 Contractor have to submit along with the bill of quantities and the drawings to provide a complete workable facility as per tender specifications. The drawings, specifications and bill of quantities shall be considered as part of this contract and any work or materials shown on the drawings and not called for in the specifications, bill of quantities or vice visa shall be executed as if specifically called for.

Client ID	55
Tender No.	1066
Page no.	33/79

1.8.9.2 The drawings accompanying these specifications are design drawings indicating the extant and general arrangements of various equipment switch boards, various panels required for providing electrical installation works for the Punjab and Sindh Bank building at Delhi as mentioned in the schedule of quantities and shall be followed as closely as actual construction permits Any deviations made shall be in conformity with the rules and regulations of various authorities and with final approval from the UTIITSL

THE CONTRACTOR SHALL FOLLOW THE DRAWINGS AS CLOSELY AS PRACTICAL to do so.

The right is reserved to make any reasonable changes in outlet locations. It shall be the contractor responsibility to provide complete system as shown specified and required by the applicable codes. All connections and appurtenances shown on the various diagrams shall be included in the finished job. The contractor shall visit the site prior to bidding to familiarize himself with all conditions

1.8.9.3 Contractor shall verify all drawings, conduits laid by us and if any discrepancy or deviations notice shall be brought to the notice of the site in charge.

1.8.9.4 It shall be responsibility of each trade to co-ordinate with all other for proper and adequate INSTALLATION clearance any more change if found essential to co-ordinate the installation of this work with other trade shall be made without any additional cost to the employer.

1.8.9.5 The contractor shall not commence work until the line out of entire work of providing all equipment and accessories required for satisfactory completion of the work of providing SUBJECT WORK is approved.

1.8.9.6 The drawings for the layout of the entire material/ equipment etc. will have to be submitted by the successful Tenderers within 10 days of the date of Acceptance letter, for the approval to the UTIITSL

1.8.9.7 After installation is completed "AS BUILD DRAWINGS' shall be prepared in full detail & six sets of copies along with original tracing shall be submitted/ handed over to the Punjab & Sindh Bank.

10.10.8 Manufacturer's drawings required as per the specifications shall be submitted well in advance for consultants review in triplicate. After the drawings are approved, six sets of approved drawings shall be submitted.

1.8.9.9 Contractors shall bear full responsibility for any errors, discrepancies, omissions, etc. in the drawings irrespective of whether such drawings have been reviewed or not. Review of drawings shall not relieve the contractor of his liability to complete the work in accordance with the specifications and other conditions of contract nor shall it exonerate the contractor from any of his guarantee.

Client ID	55
Tender No.	1066
Page no.	34/79

1.8.10 DRAWINGS AND LITERATURE:

1.8.10.1. Contractor shall prepare all the drawing before starting the work as per ISI specifications, Indian Electricity Rules ,National Building code, Chief Electrical Inspector and MCD or any other Authorities rules and regulations connected with this work and getting the required sanctioned,

1.8.10.2 It is the intent of these specifications, along with bill of quantities and accompanying drawings to provide a complete workable facility. The drawings, specifications and bill of quantities shall be considered as a part of this contract and any work or materials shown on the drawings and not called for in the specifications, bill of quantities or vice versa shall be executed as if specifically called for.

1.8.10.3 The drawings accompanying these specifications are design drawings indicating the extant and general arrangements of various equipment and their wiring, etc and area essentially diagrammatic. They do not show offset, bend. elbow or junction box which may be required for installation in the space provided. The contractor shall follow the drawings as closely as is practical to do so and he shall install bends, offsets and junction boxes where required by local conditions from measurements taken at the building , subject to approval and without additional cost to the PUNJAB & SINDH BANK /UTIITSL.

The right is reserved to make any reasonable changes in outlet locations. It shall be the contractor responsibility to provide complete system as shown specified and required by applicable codes. All connections and appurtenances shown on the various diagrams shall be included in the finished job . The Contractor shall visit the site prior to bidding to familiarize himself with all conditions.

1.8.10.4. The data given herein and on the drawings is as could be secured. The drawings, specifications and bill of quantities are for the assistance and guidance of the contractor, and exact locations, distances and levels will be governed by the space conditions.

1.8.10.5 It shall be responsibility of each trade to co-ordinate with all others for proper and adequate installation clearance. Any minor change if found essential to co-ordinate the installation of this work with other trade shall be made without any additional cost to the employer

1.8.10.6 The contractor shall not commence work until the line out of entire work of providing all equipment and accessories required for satisfactory WORKING marked on drawing/site by him and has been approved by the PUNJAB & SINDH BANK / UTIITSL OR their representative. All drawings tracing photo prints to be considered by all parties concerned to the sole property of the PUNJAB & SINDH BANK /UTIITSL representative and they must be returned to him on the copulation of the work

Client ID	55
Tender No.	1066
Page no.	35/79

1.8.10.7 The drawings maintained on the site are to be carefully mounted on boards of appropriate size and covered with transparent sheet as approved at the cost of the contractors. They are to be protected from the ravages of termites, ants, silver fish and other insects.

1.8.11. EQUIPMENT, MATERIAL AND WORKMANSHIP;

1.8.11.1 It shall be the responsibility of the contractor to determine that each piece of equipment meets the detailed requirements of the drawings and specifications and that it is suitable for the installation shown. The Employer shall be notified of any shortcomings found, during the tendering period. Each piece of equipment furnished shall meet all detailed requirements of the Specifications and drawings. Equipment not meeting all the requirements will not be acceptable.

1.8.11.2. Where two or more units of the same class of equipment are furnished, use product of the same manufacturer, component parts of entire systems need not be product of the same manufacturer. Furnish all materials and equipment new and free from defects and of size, make type and quality herein specified or approved by the Employer. All equipment shall be installed in a neat and workman like manner.

1.8.11.3 Good workmanship is an essential requirement for conformance with the clauses in these specifications. The work shall be carried out under the direct supervision of a first class licensed foreman or of a person holding a certificate of competence issued by the local Government for the type of work involved, employed by the contractor who shall ratify them and there the defects pointed out during the progress of work.

1.8.12. SAMPLES

1.8.12.1 a) Before ordering/ manufacturing any materials, Contractor shall get samples of the materials Approved from the PUNJAB & SINDH BANK / UTIITSL or authorised representative well in time. Contractor shall have to submit two samples of each material which shall be kept in our office for which rates shall be included in the tender.

b) If ordered by the PUNJAB & SINDH BANK / UTIITSL or his representative the samples of materials shall be got tested from the approved laboratories at the contractor's cost before approval. No claim will be allowed for delay to the progress of works caused by tests. If called upon by the site In charge, the contractor shall produce proof for having arranged for the supply of materials well in time.

c) The contractor shall furnish well in time before work commences at his own cost any samples of materials of workmanship that may be called for by the Site In charge for approval or rejection until such samples are approved. Such samples when approved shall be minimum standard for work to which they apply. Rates

Client ID	55
Tender No.	1066
Page no.	36/79

quoted shall cover for such preliminary work. and the samples shall be remain the property of the Corporation.

1.8.13 WORKMANSHIP

1.8.13.1 The work involved calls for high standard of workmanship combined with speed

1.8.13.2 Any workmanship or materials/equipment or apparatus not complying with the specifications requirements or approved samples or which have been damaged, contaminated or deteriorated, must be removed immediately from the site and replaced at the contractor's expense, as directed by the site In charge.

1.8.14. CODES/STANDARDS;

Entire work FOR SUPPLY INSTALLATION TESTING AND COMMISSINING OF FIRE ALARM SYSTEM, FIRE SPRINKLER SYSTEM, FIRE EXTINGUISHERS AND P A SYSTEM OR ANY, OTHER EQUIPMENT MATERIAL OR ANY THING CONNECTED WITH THIS CONTRACT AND installation shall be carried out as per latest rules and regulations of

- a. Indian Standards Specifications.
- b. Fire Insurance Regulations
- c. National Building code
- d. State Electricity Board rules, regulations and any instructions
- e. MCD and any other local authorities.
- f. Electrical Inspector of State and central Govt.
- g. OR any other Authorities instructors and rules or regulations etc.

1.8.15 CONDITIONS OF CONTRACT TO BE STRICTLY ENFORCED

1.8.15.1It must be clearly understood that all the conditions of contract are intended to be strictly enforced and that no extra charges in respect of alleged extra work shall be allowed unless they are clearly outside the spirit and meaning of the conditions or unless such work shall have been recorded in writing by the PUNJAB & SIND BANK /UTIITSL

1.8.16 VERBAL INSTRUCTIONS

1.8.16.1 Any instructions given verbally shall be deemed instructions for the proper execution of the work not involving extra charges.

Client ID	55
Tender No.	1066
Page no.	37/79

1.8.17 ELECTRICITY

1.8.17.1 *The Contractor shall make his own arrangement for temporary electric supply required for the execution of the work*

1.18.18 SECURITY AND PROTECTION

1.18.18 i) The contractor shall at his cost, provide any necessary temporary enclosures, gates entrances, etc. for the protection of the work and materials and for altering and adopting same as may be required and removing at completion of the works and making good all works disturbed.

ii) Should the work be suspended by reason of rain, strike, lockouts or any other cause, the contractor shall at his cost take all precautions necessary for the protection of the work and shall make good any damage arising from any of these causes.

Client ID	55
Tender No.	1066
Page no.	38/79

UTI Infrastructure Technology And Services Ltd.

SPECIAL TERMS AND CONDITIONS OF THE TENDER

1.0 ROLES AND RESPONSIBILITIES

- 1.1 The Tenderer should quote for Supply, Installation, commissioning and warranty services for all the equipment as per the tender requirements along with on-site comprehensive warranty for 5 Years.
- 1.2 Tenderer should guarantee availability of spares support for the period of next ten years after warranty period as mentioned.

2.0 MANUALS AND DRAWINGS

- 2.1 Before the issuance of acceptance certificate by UTI Infrastructure the Tenderer shall supply **three original copies** of an operation and maintenance manuals together with all the drawings.
- 2.2 The Tenderer shall provide complete technical documentation/s for the product supplied. All the manuals shall be in English and the drawings should be clearly indicative of product supplied.

3.0 SPARES

The Tenderer shall keep available, in his stock, such spare parts as are necessary for ensuring minimum downtime. **Tenderer will keep necessary spares at all service centers , during the warranty period as well as for the annual maintenance services for ensuring smooth functioning of the machines.** Tenderer should also furnish list of spare parts that he will be maintaining at site during AMC for immediate replacement of the faulty components and will replenish the used spares within a period of 48 hours.

4.0 WARRANTY

After warranty period of 12 months ,Onsite comprehensive warranty services for all the supplied equipment will be provided by the Tenderer for the period of 5 years from the date of acceptance of the system by the PUNJAB & SINDH BANK /UTIITSL. Warranty shall also include providing preventive maintenance services as per agreed schedule to ensure trouble free operation of the machines. Tenderer shall attend any service call within 2 hrs of placing the call and will rectify the fault within 2 hrs duration thereafter. Tenderer shall be responsible for all costs relating to labour (as the case may be), maintenance (preventive and corrective) and transport charges from and to the site in connection with the repair/replacement of the Deliverables or any component thereunder, which under normal and proper use and maintenance thereof proves defective in design, material or workshop or fails to conform to the specifications, as specified in the Purchase Order.

The Tenderer shall provide services through professionally/technically qualified personnel during the warranty/AMC period at site.

Client ID	55
Tender No.	1066
Page no.	39/79

5.0 PAYMENT OF BILLS

The following payment terms shall be made applicable: As stated in page no 8

a. Final Bill

- i) The Tenderer shall submit the final bill within 30 days from the date of issue of virtual completion certificate with all relevant information and details.
- ii) Bank will release the payment within 15 days of submission of final bill from the Tenderer, shall issue a certificate of payment against the final bill to Punjab & Sind Bank, who shall upon date of receipt of the certificate, release the balance payment to the Tenderer after effecting all recoveries including advances, if any and payments against interim certificates.
- c) Payment of AMC of Fire Fighting system, Fire Alarm and Detection System, FM200 System And PA System

AMC Contract: After expiry of Defect Liability Period, Work will commence and AMC charges shall be released by the Punjab and Sind Bank quarterly on submission of Bills along with Service Challans duly signed by authorised representative.

6.0 Acceptance of the Tender:

In general, the lowest Tenderer for a particular project will be awarded the work based on his rates quoted and the quantities of the work proposed to be executed for that project. The CIVIL, ELECTRICAL AND FURNISHING WORKS ARE IN PROGRESS in Ist to IIIrd floor AND IN OTHER FLOORS WORK HAS BEEN COMPLETED. During execution of work in the locations where work has already been completed, the contractor shall take proper care of false ceilings etc to prevent damages. All the damages are to be compensated by contractor.

7. The contractor has to carry out the job strictly as per specification spelt out in the bill of quantities, the drawings, instructions that may be issued by the Engineer-in-charge and the specification of the Bureau of Indian Standards, National Building Code etc.

8 In case of any discrepancy between the specifications and the drawings, the details mentioned in the specifications / Bill of quantities may be taken as final.

The work shall be carried out on holiday, Sunday, before and after office hours with due permission of the Bank.

Client ID	55
Tender No.	1066
Page no.	40/79

The H.O. of the Bank is working in Banking House bldg, Rajendra Place, New Delhi and work is to be carried out during office hours on working days. There shall not be any problem / disturbance in office areas / floors as the work is to be carried out in working office.

9 The work will be awarded to the agency that has given the lowest rate (L-1).

10 The contractors who have been restrained to bid due to bad or faulty workmanship or due to delay in carrying out the projects at schedule time / period after bidding as per our letters reference and date as under:

- a) UTIITSL/ 590 /Empanelment/2014-15 dated 15/04/2014
- b) UTIITSL/ 591 /Empanelment/2014-15 dated 15/04/2014
- c) UTIITSL/ 592 /Empanelment/2014-15 dated 15/04/2014
- d) UTIITSL/ 593 /Empanelment/2014-15 dated 15/04/2014
- e) UTIITSL/ 594 /Empanelment/2014-15 dated 15/04/2014
- f) UTIITSL/ 595 /Empanelment/2014-15 dated 15/04/2014
- g) UTIITSL/ 596 /Empanelment/2014-15 dated 15/04/2014
- h) UTIITSL/ 597 /Empanelment/2014-15 dated 15/04/2014
- i) UTIITSL/ 598 /Empanelment/2014-15 dated 15/04/2014
- j) UTIITSL/ 2638 /Empanelment/2014-15 dated 09/06/2014
- k) UTIITSL/ 2639 /Empanelment/2014-15 dated 09/06/2014

Shall not be entitled to bid. Even if such agencies download the tender and participate ,their bids will be considered invalid.

Additionally;

- The L2 will be asked to confirm if he can do the work at the lowest rates quoted by L1.
- If the L2 gives a letter confirming that he is ready to carry out the work at the lowest rate (L1), then it can be considered to award the work to him also. The condition of this award of work to L2 on the rates of L1 will be as under:

1. When L1 denies in writing that he does not have capacity to do the work.
2. When it is observed by UTI Infrastructure And Services Ltd. that L1 has not attended the work and completing the same in time.
3. When defects are found in the work of L1.

Client ID	55
Tender No.	1066
Page no.	41/79

4. When L1 does not take up the work as assigned within the stipulated time period as mentioned in the work order.

The above terms and conditions are acceptable to us.

Signature of Tenderer:

Date:

Seal of Tenderer:

Client ID	55
Tender No.	1066
Page no.	42/79

UTI Infrastructure Technology & Services Ltd.

PREAMBLE TO THE BILL OF QUANTITIES

1. The work proposed is to be carried out at the Office premises mentioned on the cover page (no.1) of the tender. The premises are proposed to be provided with Fire Alarm System, Fire Sprinkler System, Fire Extinguisher And PA System works. The quality of work proposed should have the best workmanship. The contractor should ensure that only the first quality materials mentioned in the list of material is purchased for the project.
2. The work should be carried out in such a way that the structure is not disturbed.
3. Any difference / discrepancies in the specification should be clarified with the Engineer in charge before submitting the tender. The Engineer in charge will have the liberty to modify the specification to a reasonable limit to suit the basic concept during the course of work; the tenderer should carry out such work with out any extra cost.
4. In case of any major modification such items will be considered as an extra items. Payment for such items will be paid based on the Engineering rate / Market rate analysis. 15% of the total cost of material and labour will be considered as tenderer's profit.
5. The contractor should co-ordinate with the other contractors employed at the site for smooth flow of work.

NOTES :

1. Rates to be quoted by the Tenderers in the item rate tender in figures and words shall be accurately filled in, so that there is no discrepancy in the rates written in figure and in words. However, if a discrepancy is found, the rate that corresponds with the amount worked out by the Tenderer shall be taken as correct.
2. If the amount of an item is not worked out by the Tenderer, or it does not correspond with the rate written either figures or in words, then the rate quoted by the Tenderer in words shall be taken as correct.
3. Where the rate quoted by the Tenderer in figures and in words tally but the amount is not worked out correctly, the rate quoted by the Tenderer will be taken as correct, not the amount.
4. The scope of work includes the supply as well as installation of all the items mentioned below.
5. The rates to be quoted shall be inclusive of all taxes, Octroi, VAT, Service Tax, transportation loading , unloading charges

Client ID	55
Tender No.	1066
Page no.	43/79

6. Evaluation Criteria:

Total cost of including the Supply, Installation, Testing and Commissioning of Fire Alarm System, Fire Sprinkler System, Fire Extinguishers And PA System work at the Office premises of Punjab & Sind Bank, Bank House 21, Rajendra Palace, New Delhi, mentioned in tender along with Annual Maintenance services for a period of 5 years will be considered for arriving at final price quoted by the Tenderer.

For arriving at L1 total cost of ownership (TCO) will be considered, which will consist of Cost of Equipment with 5 years comprehensive AMC.

List of Approved Makes		
Sr.No.	Material	Brand Name
1	Black Steel (M.S) Pipes/G.I. Pipes	Jindal, Tata, Jindal Hissar
2	G.I Fitting (Malleable C.I)	Zoloto, Unik , R
3	Gate Valve/Globe Valves/Ball Valves	CIM, Zoloto, Leader
4	CI Butterfly Valves, Check Valves, Y Straineer	SKS, CIM, Audco,
5	Alarm Valve	DH, Gem, Reliable
6	Sprinkler Head	Spraysafe, ASCOA, Safex
7	Fire Hydrant, Fire Hose Reel, GM Collecting Head, Fire Hose Couplings, Branch Pipe and Nozzles	Superex, Minimax, Newage
8	Canvas Hose (RRL)	As per ISI
9	Fire Extinguisher	
10	Rubber Hose Pipe	Dunlop or eq.appd. Make
11	Pumps	Kirloskar, KSB, Mather & Platt
12	Motors	Kirloskar, Crompton Greeves, Siemens, ABB
13	Diesel Engine	Kirloskar, or eq. appod. Make.
14	Electrical Switch Gear	L&T, English Electric, Simens
15	Cables	CCI, Universal, ICC, Gloster, Polycab
16	Wiring	National, Grandlay, Skytone, Ecko
17	AMP Meter & Volt Meter	AEI, Havells
18	Moulded Circuit Breaker	L&T, Legrand
19	a) Battery ,B) Battery Charger	a) Exide, Standard, Amco. B) Volstate or eq. Appd. Make
20	Flow Switch	Indfos, System Sensor, Rapid Control
21	Pressure Gauge	Fiebig, H Guru
22	Level Indicator	Phoenix or Eq. Appd. Make
23	Level Controller	Morbey or Eq. Appd. Make
24	Water Flow Meter	Kent or Eq. Appd. Make.
25	Selector Switch	L&T, Siemens
26	A.R. Circuit Breaker	L&T, Siemens
27	Motor Control Center	Safe Guard, Newage, Mininax
28	Ball Valve	Sant, Zoloto
29	Hose Box	Fabricated form 16 swg M.S. Sheet
30	Smoke/ Heat Detector	Honrywell, System Sensor, Notyfire
31	Sprinkler	Tyco, Best, H.D
32	Exit Sign	Glow Light (As per ISI Coad)
33	Installation Control Valve	H.D.

Client ID	55
Tender No.	1066
Page no.	44/79

34	M.S. Pipe	Jindal, Tata, Jindal Hissar, Surya
35	Butterfly Valve	Sant, C&R, KSB
36	Non Return Valve	C&R, Advance
37	Fire Brigade Inlet Collection	Safe Guard, Newage, Mininax
38	Pressure Switches	Indfos, System Sensor, Rapid Control
39	Branch Pipe	Safe Guard, Newage, Mininax
40	Hooter, M.C.P, Fire Panel	Honrywell, System Sensor, Notyfire
41	Fire Hydrant Landing Valve	Safe Guard, Newage, Mininax
42	Anti-corrosive Coating for Pipe	Pypkot E (4mm)
43	MCCB	L&T, Alsthom, ABB
44	Protective Relays	GEC, Alsthom, ABB
45	Thimbles/Ferrules	Dowell
46	Cable Jointing Kits (101 Kv)	M. Seal
47	Cable Glands	Commex, Gripwel
48	Paint	Asian, Nerolac
49	Contactator	Siemens, ABB, L&T
50	Timer	BCH, Siemens, L&T
51	Switch Fuse Unit	Siemens, ABB, L&T
52	Bimetal Overload Relay	Siemens, ABB, L&T
53	Indicating Lamps & Start/Stop Push Button	Siemens, ABB, L&T

3	Do as above Dismantling the existing worn out/damaged pipe line of Wet riser/ Hose reel and Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class 100mm dia pipe (heavy duty) with (including all fittings) like anchor fasteners, including pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete	10	Mtrs.		
	Mode of measurements	Mt			
	(Rupeesíí only)				
4	Do as above Dismantling the existing worn out/damaged pipe line of Wet riser/ Hose reel and Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class 150mm dia pipe (heavy duty) with (including all fittings) like anchor fasteners, including pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete	10	Mtrs.		
	Mode of measurements	Mt			
	(Rupeesíonly)				
5	Do as above Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class 200mm dia pipe (heavy duty) with (including all fittings) like anchor fasteners, including pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete	5	Mt		

	Mode of measurements	Mt			
	(Rupeesíí ...only)				
6	Providing and fixing cast iron sluice valves with epoxy coated disc, carbon steel shaft and lever actuator tested to 10 to 25 Kg-/cm ² , 200 mm dia	1	No.		
	Mode of measurements	No.			
	(Rupeesíonly)				
7	Providing and fixing cast iron sluice valves with epoxy coated disc, carbon steel shaft and lever actuator tested to 10 to 25 Kg-/cm ² , 150 mm dia	1	No.		
	Mode of measurements	No.			
	(Rupeesíonly)				
8	Providing and fixing cast iron butterfly valves with epoxy coated disc, carbon steel shaft and lever actuator tested to 16 to 25 Kg-/cm ² , 100 mm dia	1	No.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
9	Providing and fixing cast iron butterfly valves with epoxy coated disc, carbon steel shaft and lever actuator tested to 16 to 25 Kg-/cm ² , 80 mm dia	1	No.		
	Mode of measurements	No.			
	(Rupeesíonly)				
10	Providing and fixing cast iron double flanged horizontal type non return valve including nuts bolts, 1.5 mm thick compressed asbestos gasket complete 150 mm dia	1	No.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
11	Providing and fixing cast iron double flanged horizontal type non return valve including nuts bolts, 1.5 mm thick compressed asbestos gasket complete 100 mm dia	1	No.		
	Mode of measurements	No.			
	(Rupeesíí .only)				

Client ID	55
Tender No.	1066
Page no.	48/79

12	Supply, Installation, Testing and commissioning of Single headed, Gun-metal ISI marked oblique pattern hydrant landing valve with 80 mm dia flanged inlet and 63 mm dia instantaneous type female outlet complete with gunmetal cap and G.I. chain, twist release type plug and all accessories as per 13:5290-1983 (Type -Aø)	1	No.		
	Mode of measurements No.				
	(Rupeesíonly)				
13	Supply, Installation, Testing and commissioning of First-Aid Fire Hose Reel wall mounting swinging type complete with drum, bracket, 25 mm dia, ball valve and 20 mm dia x 36 meters long high pressure Hose Reel tubing as per IS : 444 & ISI marked with Gunmetal shut-off nozzle having 5 mm dia orifice . The Hose Reel shall strictly confirm to IS : 884-1985	1	No.		
	Mode of measurements No.				
	(Rupeesíí ...only)				
14	Non-percolating flexible hose (RRL type--Aø) ISI marked (IS 636) 63 mm dia x 15 meters long complete with instantaneous type gunmetal 63 mm dia. ISI marked Male and female coupling (IS 903) bound and riveted to hose pipe with copper rivets and 1.5 mm copper wire.	1	No.		
	Mode of measurements No.				
	(Rupeesíonly)				
15	Gun metal 63 mm dia short size branch pipes with 290 mm dia nozzles with 63 mm instantaneous coupling ISI marked (IS:903)	05	No.		
	Mode of measurements No.				
	(Rupeesíonly)				
16	Providing and fixing fire hose cabinet fabricated from 16 gauge MS sheet of fully welded construction with flanged double front for with locking arrangement and partially	1	No.		

	glazed with 4 mm thick glass stove enameled fire red finish with fire hose written on front suitable to hose, 2 x 15 meters canvas hose with couplings one branch pipe, one fire mainø axe and First aid hose reel size 760 x 1500 x 600 (for internal hydrants) and design to be approved by the engineer in -charge.				
	Mode of measurements No.				
	(Rupeesíí only)				
17	Providing and fixing fire hose cabinet fabricated from 16 gauge MS sheet anodized aluminum sheet with single or double glazed front door and locking arrangements, painted FIRE HOSEø written on front including necessary supports approximate size 750 mm x 600 mm x 300 mm deep. Design to be approved by the engineer in charge and as per Delhi Fire Service Guide Lines.	2	No.		
	Mode of measurements No.				
	(Rupeesíonly)				
18	Supply, Installation, Testing and commissioning of 100 mm dia two way fire brigade inlet connection consisting of 63 mm size instantaneously make coupling and shall be protected by can scored with a chain glass bore etc. complete with one 100 mm dia slice valve and 100 dia non-return valve (to be connected to main ring, main / wet riser/sprinkler riser (IS 904-1965)	1	No.		
	Mode of measurements No.				
	(Rupeesíí í ...only)				
19	Supply, Installation, Testing and commissioning of Gunmetal four way collecting head with 63 mm dia Instantaneous type inlet with built in check valve and 150 mm dia flanged outlet complete with bolts, nuts and rubber insertions for fire brigade connection to underground tanks (IS 904-1965)	1	No.		Only rate to be quoted
	Mode of measurements No.				
	(Rupeesíí í ...only)				

Client ID	55
Tender No.	1066
Page no.	50/79

20	Supply, Installation, Testing and commissioning of Gunmetal Fire Brigade Suction Hose coupling (Draw-out Connection) with nut for female coupling as per IS:902-1974 complete with 100 mm dia G.I. Suction pipe and 100 mm dia 1 No C.I. Foot valve flanged (to be connected to static water tank)	1	No.		Only rate to be quoted
	Mode of measurements	No.			
	(Rupeesíí ...only)				
21	Providing and fixing M.S. cabinet fabricated from 16 gauge MS sheet anodized aluminum sheet with full front Glass door and locking arrangements, duly painted with one coat of primer and two or more coats of synthetic enamel paint of approved make and shade and suitably mounted on a raised masonry platform as required (Approx 0.6 meter x 0.45 meters) (FB Draw-out/inlet connections) FIRE HOSEø written on front including necessary supports approximate size 750 mm x 600 mm x 300 mm deep. Design to be approved by the engineer in charge and as per Delhi Fire Service Guide Lines.	1	No.		Only rate to be quoted
	Mode of measurements	No.			
	(Rupeesíí ...only)				
22	Providing and fixing Standard Firemanø AXE with heavy duty insulated rubber handle (20,000 volts)	2	Nos.		
	Mode of measurements	No.			
	(Rupeesíonly)				
23	Providing and fixing Suction strainer with M.S./ flanged connections 1000 m long fabricated from 16 gauge brass sheet with 3 mm slots 200 mm Dia	1	No.		Only rate to be quoted
	Mode of measurements	No.			
	(Rupeesíonly)				
24	Providing and fixing Suction strainer with M.S./ flanged connections 1000 m long fabricated from 16 gauge brass sheet with 3 mm slots 100 mm Dia	1	No.		Only rate to be quoted
	Mode of measurements	No.			
	(Rupeesíonly)				

Client ID	55
Tender No.	1066
Page no.	51/79

25	Providing and fixing air cushion tank comprising of single acting heavy-duty spring type Brass Air Valve screwed to 300 mm dia and 900 mm long tank with dished ends, ball valves including painting both sides with zinc chromate primer complete.	1	No.		Only rate to be quoted
	Mode of measurements	No.			
	(Rupeesíonly)				
26	Providing, fixing, connecting, testing & commissioning of WET RISER FIRST AID REAL full swinging type finished black & red heavy duty enameled wall mounted swinging type fitted with 36.5 meters length of 25 mm dia high pressure DUNLOP RUBBER HOSE PIPE with brass / gun metal shut off Nozzle with 5 mm dia along with nozzles supplied by the manufacture including providing and fixing brass adopter 63 mm / 65 mm (instantaneous type) 25 mm screwed inlet for connecting fire hydrant valve to hose reel, with shut off valve , automatic shut off valve complete with drum suitable bracket for fixing on wall/ concrete wall / column conforming to IS 884 or Its latest version of ISI along with ISI mark on each and every part of the entire item including providing & fixing and complete with all accessories such as 25 mm gun metal heavy duty wheel valve of leader make, nipples, unions, elbows, socket and 25 mm G.I. Pipe from main riser upto hose reel including providing & fixing necessary 3 mm Gaskets, flanges, nut, bolts welding etc and along with shut off valve with 5mm orifice any other material as required as per ISI specifications and connecting the same with the system (I.S. 884-1969 or its latest version of ISI	6	No.		Only rate to be quoted
	Mode of measurements	No.			
	(Rupeesíonly)				
27	Providing , fixing testing & commissioning of CYLINDRICAL TYPE HORIZONTAL AIR VESSEL MADE WITH 6 SWG, AND 400/500 DIA & ONE METER/ONE	2	No.		

	& HALF METER LENGTH complete with necessary AIR RELEASE VALVE, 25 MM DIA HEAVY DUTY GUN METAL WHEEL VALVE OF LEADER MAKE, WATER RELEASE VALVE, necessary nipple, union elbow & heavy duty 150 mm dia pressure gauge etc as required and as per ISI specifications, and as per CHIEF FIRE OFFICER DELHI FIRE SERVICE INSTRUCTIONS including providing & fixing necessary material necessary pipes & to be connected with the main wet riser including providing necessary gasket, welding, nut and bolts along with necessary flanges and necessary M.S. SUPPORTS / ANGLE IRON FRAME WORK AND NECESSARY CEMENT CONCRETE ANCHOR BLOCKS AS REQUIRED AT SITE FOR PROPER FUNCTIONING OF THE AIR VESSEL				
	Mode of measurements	No.			
	(Rupeesíí í í ...only)				
28	Providing fixing, Testing & commissioning of draining arrangement to the vertical wet riser and for sprinkler system to with necessary 40mm M.S. Pipe from system to FIRE FIGHTING WATER TANK and complete with necessary length of 40 mm M.S. Pipe, 40 mm Gun Metal wheel valve heavy duty leader make valve along with necessary nut, bolts, flanges, necessary 3 mm gasket welding etc as required at site	2	No.		
	Mode of measurements	No.			
	(Rupeesíonly)				
	Sub total A				
	(Rupeesíonly)				
B	SPRINKLER SYSTEM				
1	Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class 25mm dia pipe (heavy duty) with (including all fittings) like anchor fasteners, including	500	Nos.		

	pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete.				
	Mode of measurements	Mt.			
	(Rupeesíí í ...only)				
2	Do as above Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class 32 mm dia pipe (heavy duty) with (including all fittings) like anchor fasteners, including pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete as above	200	Mtrs		
	Mode of measurements	Mt.			
	(Rupeesíí í ...only)				
3	Do as above Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class 40mm dia pipe (heavy duty) with (including all fittings) like anchor fasteners, including pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete	300	Mtrs		
	Mode of measurements	Mt.			
	(Rupeesíí í ...only)				
4	Do as above Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class 50mm dia pipe (heavy duty) with (including	100	Mtrs.		

Client ID	55
Tender No.	1066
Page no.	54/79

	all fittings) like anchor fasteners, including pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete				
	Mode of measurements	Mt.			
	(Rupeesíí í ...only)				
5	Do as above Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class 65mm dia pipe (heavy duty) with (including all fittings) like anchor fasteners, including pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete	100	Mtrs.		
	Mode of measurements	Mt.			
	(Rupeesíí ...only)				
6	Do as above Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class 80mm dia pipe (heavy duty) with (including all fittings) like anchor fasteners, including pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete	70	Mtrs		
	Mode of measurements	Mt.			
	(Rupeesíí ...only)				
7	Do as above Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class	50	Mtrs.		

	100mm dia pipe (heavy duty) with (including all fittings) like anchor fasteners, including pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete				
	Mode of measurements	Mt.			
	(Rupeesíí ...only)				
8	Do as above Supply, Installation, Testing and commissioning of black steel pipes confirming to IS 1239/3589 heavy class 150mm dia pipe (heavy duty) with (including all fittings) like anchor fasteners, including pipe supports, hangers, couplings, bends, elbow, tee flanges etc. welding as required painting with one coat of red-oxide primer and two or more coats of synthetic paints to give an even shade, cutting holes and chase in bricks or RCC walls and making good complete	50	Mtrs.		
	Mode of measurements	Mt.			
	(Rupeesíí ...only)				
9	Supply, Installation, Testing and commissioning of 25mm dia CI Flexible fire hose.	200	Mtrs.		
	Mode of measurements	Mt.			
	(Rupeesíí ...only)				
10	Supply, Installation, Testing and commissioning of 15 mm dia pendent type chromium plated sprinkler heads with gunmetal quartzite bulb, suitable to operate at for 68°C	300	Nos.		
	Mode of measurements	No.			
	(Rupeesíonly)				
11	Supply, Installation, Testing and commissioning of Control Valve assembly	1	No.		

	comprising of vertical wet alarm valve, including the cost of 150 mm dia butterfly valve, hydraulic alarm motor and gong, 15 mm dia, Test valve, 50n mm dia drain valve and all necessary trimming connections including 2 Nos pressure gauge as manufactureø catalogue 150 mm dia				
	Mode of measurements	No.			
	(Rupeesíí ...only)				
12	Providing and fixing M.S. Cabinet fabricated from 16 gauge MS sheet with front glass door and locking arrangement with suitable shelves for keeping 25 spare sprinklers and one spanner properly fixed in shelve and cabinet with one coat of primer and two or more coats of synthetic enamel paint of approved make painted fire red size 900 mm x 600 mm x 150 mm . Design to be approved by the engineer in charge and as per Delhi Fire Service Guide Lin, rates included supplying and fixing 25 sprinklers and one set of spanner	1	No.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
13	Supply, Installation, Testing and commissioning of Electrically operated flow indicating switches with threaded connection for a minimum flow of 90 lpm/100lpm for indicating water flow in sprinkler branch line with necessary junction box installed in accessible place including 1.5 mm thick compressed asbestos gasket, nuts and bolts, nuts, completer including providing necessary wiring etch from switch to panel and nothing extra shall be paid, all the raters for all the items are included in the item.	1	No.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
14	Supply, Installation, Testing and commissioning of double flanged cast iron sluice valve class I with wheel complete with bolts, nuts, 3mm thick rubber insertion	1	No.		

Client ID	55
Tender No.	1066
Page no.	57/79

	complete conforming to Is 780 of 150 mm dia				
	Mode of measurements	No.			
	(Rupeesíí ...only)				
15	Supply, Installation, Testing and commissioning of double flanged cast iron sluice valve class I with wheel complete with bolts, nuts, 3mm thick rubber insertion complete conforming to Is 780 of 100 mm dia	1	No.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
16	Providing, connecting, testing and commissioning with all supports, clamps fittings, flanges, rubber gasket, nuts, bolts, welding etc as necessary a manually operated as alternative source from over head tank and to be connected with sprinklers system including providing & fixing necessary reducer/socket and necessary tee connection 150 mm x 150mm x 80 mm dia tee made with G.I. for connection to wet riser and 80mm x 80mm x 80 mm tee connection with G.I. accessories for connection to sprinkler system including providing and fixing 2 Nos 80 mm sluice valve and 1 No Non return valve including providing and fixing 80 mm M.S. Pipe as per terms and conditions and specifications as mentioned in item No 50 of this schedule of sprinkler system for 80 mm G. I pipe. The rates of all the accessories shall be mentioned in the item rate of M.S. pipe running meters	25	Mts		
	Mode of measurements	Mt.			
	(Rupeesíí ...only)				
17	Supply, Installation, Testing and commissioning of standard dial type pressure gauge with screwed inlet with isolation cock suitable for liquid gauge to show pressure upto 20 kg/sqcm	2	No.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
18	Providing & fixing 50 mm dia brass ball cock heavy duty can take higher pressure with copper float of	1	No.		

	approved quality of Leader make				
	Mode of measurements	No.			
	(Rupeesíí ...only)				
19	Supply, Installation, Testing and commissioning of Ball valve with hard chrome plated ball inside PTFE (Teflon) seat and ring with chrome plated centre handle with female BSP threads complete in all respect 50 mm dia	1	No.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
20	Providing, laying , fixing , commissioning of 2 core 1.5 sq mm control cable between flow switches and panel cable is to be laid in M.S. Conduit of heavy Duty	100	Mts		
	Mode of measurements	Mt.			
	(Rupeesíí ...only)				
21	Providing , laying , fixing ,installing 16 SWG 20 mm dia M.S. conduit partly fixed on surface partly in wall including concealing in wall and partly in false ceiling including cutting chasing making good the same as directed with necessary Junction boxes, bends, saddles and other accessori4es axis required as site including providing and applying red enamel paint for identification.	50	Mts		
	Mode of measurements	Mt.			
	(Rupeesíí í í ...only)				
22	Supply, Installation, Testing and commissioning of Sprinkler Annunciation Panel for minimum 12 Zones (10 Working + 2 standby) zones, spare, compatible for seamless integration with water flow devices with visual display for all zones, complete with internal sounder, alarm/fault indications and standby 24 v lead acid batteries with charger . Note: The panel shall be located in the Fire Control Room and connected to flow indicating switches in sprinkler system).	1	No.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				

23	<p>Providing, fixing, testing and commissioning of the installation control valve, along with necessary nut, bolts, gaskets, flanges, necessary welding etc. and providing and fixing the following including providing and making necessary incoming and outgoing connections and all electrical connections</p> <p>a) 100 mm dia sluice valve conforming to IS : 780 or its latest version of ISI and with ISI mark b) 100 mm dia NON ó RETURN VALVE WITH ISI mark c) Water Motor Gong or Flow switch with Bell as per ISI specifications d) Alarm valve of 100 mm with ISI mark</p>	1	Job		
	Mode of measurements Job				
	(Rupeesíí ...only)				
24	<p>Providing and fixing MS structural work fabricated from standard section et MS rounds, angles, channels, including cutting to size drilling welding, fixing and welding to insert plates in RCC structural members as directed by the Engineer-in-charge including cutting making good to the walls and floors) for cable trays.</p>	75	Mts		
	Mode of measurements Mt.				
	(Rupeesíí í í ...only)				
	Sub total B				
	(Rupeesíí í í ...only)				
C	PUMPS and ACCESSORIES				
I	MAIN ELECTRIC MOTORS AND PUMPING SETS FOR FIRE FIGHTING SYSTEM (SPRINKLER AND TERRACE PUMPS)				
1	<p>Supplying, fixing, installing testing and commissioning of Electric driven FIRE FIGHTING PUMPING SET (Sprinkler pump) suitable for AUTOMATIC Operation, consisting of the following including Providing & making necessary incoming & outgoing connections with suitable M.S.PIPE including providing & fixing necessary flanges, gasket, nuts , bolts, necessary sockets, bends, Reducer and welding etc including providing & fixing necessary</p>	1	Job		

Client ID	55
Tender No.	1066
Page no.	60/79

<p>incoming and outgoing electrical connections, including providing necessary loop wires/loop cables (FROM PANEL TO MOTOR) for the electric motor and in the main panel, including providing necessary size and capacity thimbles, taping necessary glands, cable end box and cables entry should through cable alley/cable box including providing necessary wiring approximate size in heavy duty proper size M.S. PIPE for making connections of sprinkler pump and with electric main panel and pressure switch, including providing necessary and approximate size double earthing with copper strip/wires. Including providing necessary balancing of electric motor and pumps on the base plate by latest with micro processor method for smooth running of the motor pumping set including providing & making necessary RCC foundations. The rates of all above said items shall be included in the cost of motor pumping set. The motor pumping set shall consist of the following and as per tender specifications and as per ISI specifications and as per the directive of the CHIEF FIRE OFFICER OF DELHI FIRE SERVICE.</p> <p>(a) Providing and fixing horizontal mounted, centrifugal type FIRE FIGHTING PUMP (for Sprinkler Pump) single or multistage having CAST IRON BODY, GUN METAL/BRONZE IMPELLER, STAINLESS STEEL SHAFT & capable of delivering 2850 liters of water per minute against a total head of 75 meters so as to ensure a minimum pressure of 7 kg/sq. cm at the highest & farthest outlet the specified flow complete with specified flow including providing necessary pot strainer, sluice valve and Brass/ gun metal/bronze spring action foot valve on suction side and sluice valve, on return valve, pressure gauge with valve along with necessary piping & gun metal wheel valve heavy duty of leader make with the pressure gauge etc on deliver side including providing & making necessary by</p>				
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	<p>pass arrangement with 40 mm dia pipe along with suitable size heavy gauge gun metal wheel valve of leader make the bypass arrangement shall be made in between the pipe line of delivery and suction line for periodic testing of the working of the pumping set including providing necessary sluice valve tee etc for priming the system from main header to industrial pumps for periodic testing of working of the pumping sets the cost of the above said items and material mentioned in this pump item shall be included in the cost of pump for which nothing extra shall be paid.</p> <p>(b) Squirrel cage Induction Motor totally enclosed, fan cooled ,3 Phase, 50cycles,(Hz) A.C. induction motor 2900 RPM of 40/50 H.P motor suitable for above pumping set with synchronous speed of 2900 RPM with drip proof enclosure, confirming to protection clause of IS 4961 or its latest version with ISI duly coupled with above pump with flexible coupling</p> <p>c) Common bed plate of fabricated mild steel channel and vibration damping arrangement by providing and fixing DUNLOP MAKE CUSING FOOTINGS ALONG WITH NECESSARY NUTS & BOLTS</p> <p>d) Suitable RCC foundation for above motor pumping</p>				
	Mode of measurements	Job			
	(Rupeesíí ..only)				
2	<p>Do-as above from a to d but for Terrace booster pump</p> <p>Do-as- above Providing and fixing multi stage horizontal centrifugal mono block pump with volute bronze impeller connected to TEFC induction motor suitable for 400/410 volt ,3phase, 50 cycles, AC supply with the following specifications: (required as per code)</p> <p>A. Capacity: 900 LPM</p>	1	Job		

Client ID	55
Tender No.	1066
Page no.	62/79

	HEAD: 20M HP:7.5 hp approx. or as required. Mover: electric motor driven Material of construction: Shaft & sleeve :S.S.410 Impeller: bronze Bearing: grease lubricated Seal: mechanical seal				
	Mode of measurements	Job			
	(Rupeesíí ..only)				
	Sub total C				
	(Rupeesíí ..only)				
C II	AUTOMATIC PANEL/MAIN CONTROL PANEL/MAIN SWITCH BOARD FOR SPRINKLER PUMP and TERRACE PUMP				
1	Providing, fixing, fabricating supplying, erection, testing and commissioning of CUBICAL EXTENSIBLE INDOOR TYPE DEAD FRONT TYPE, dust and vermin, proof made from CRCE SHEET Steel with power coated finish cubicle type compartmentalized front operated with bottop / top entry Clad totally enclosed type floor mounting and stove enameled finish power cum control panels wall mounted .The rates shall be inclusive of providing and fixing of the following and complete with MCCB Microprocessor based suitable for 415V, 50 Hz, AC supply Electrical draw out type., tinned copper bus bars, relays, contractor, indicating lamps necessary HRC fuses, toggle switches necessary instruments automatic relays, Safety, relays, safety precautions, safety alarms, isolator and auxiliary switches, single phase PREVANTORS for all the motor pumping sets separately, with all interconnections including cable glands, lugs and end termination complete as required with locking arrangement. Distribution Boards to be as per Single Line Diagrams, detailed specifications and provided with (a) RYB indicating lamps LED type with control fuses (b) Ammeter 96 X 96 m size, Digital	1	Job		

	<p>type with ASS and resin cast CTø</p> <p>(c) Voltmeter 96 X 96 mm size, Digital type with VSS and control fuses.</p> <p>(d) Resin cast CTø for APFC relay in Capacitor control panel.</p> <p>Along with providing , installing, testing and commissioning of various size and capacity fully automatic starters for the sprnilkar motor, Various capacity Am- meters with necessary C.Ts, fuses toggle switches etc for the motor separately & one No Am-meter common for entire panel for all connected load, one No D.C Am-meter for battery charging circuit & voltmeter A.C as well D.C. voltmeter with necessary HRC fuses and the MCCB including providing necessary incoming and outgoing connections, loop wires, loop cables of required thimbles, connecting wires with numbering along with necessary code and ferrules with code no, cable end box, cable glands and necessary earthing etc including providing automatic arrangement of 1,No 40/50 H.P motor pumping set for sprinkler pump set shall be provided with various controls as consisting as for tender specification, ISI specifications all material and accessories shall have ISI mark & as per directive of CHIEF FIRE OFFICER OF DELHI FIRE SERVICE & NOTHING EXTRA SHALL BE PAID IF ANY THING OR MATERIAL IS REQUIRED AS PER ISI SPECIFICATIONS AND ALL OTHER AUTHORITIES REQUIREMENTS / DIRECTIVE INCLUDING PROVIDING AND FIXING FOLLOWING ASSESSORS AND AS PER TENDER SPECIFICATIONS and comprising of the following material and accessories & other accessories as per tender specifications</p> <p>i) Incomer : 1 Nos: 160A, 4 Pole, 25kA, MCCB Microprocessor based suitable for 415V, 50 Hz, AC supply for main supply with earth bus</p> <p>ii) 1 No 0-500 volts volt meter digital type with 8 way selector switch having 8</p>				
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Client ID	55
Tender No.	1066
Page no.	64/79

	<p>points/ ways i.e RY, RB, BY, RN BN, YN, NE, AND OFF along with necessary HRC FUSE protection and toggle switch in the circuit</p> <p>iii) 1 No 0- 160/200 Amps , AM METER digital type along with 3 Nos Cts, selector switch with five points</p> <p>iv) 1 set of 3 nos. Pilot (LED TYPE LAMPS) indicating lamps wired through potential HRC fuses & toggle switches for three phase supply</p> <p>v) 1 No Fully automatic STAR-DELTA STARTER OF L.T/L.K, SEMIN'S MAKE for 40/50 H.P Motor WITH OVER LOAD, NO-VOLT RELEASE COILS ON ALL THE THREE PHASES INCLUDING providing and fixing necessary Push buttons for START, STOP & REST for starter to start the motor including providing and fixing necessary Indicating lamps (LED TYPE) for indications of supply ON, supply OFF and motor running and starting i.e indications for motor running in STAR AND DELTA</p> <p>vi) Sets of indication lamps with HRC fuses and toggle switches for above said 3Nos motor Pumping sets indicating for working of motors and other set for showing the motors are working in star with green indications & red for delta indications</p> <p>vii) 1 Sets of Single phase PREVANTORS for above capacity of motor /starters as mentioned above i</p>				
	Mode of measurements	Job			
	(Rupeesíí ..only)				
2	Do as above but for 7.5 H.P. booster pump to be installed at terrace all the accessories as required for 7.5 HP// 5 KW motor installed at terrace with 63 Amps TPN MCB and other safety devices, LED	1	Job		

	indicating Lamps etc as above in item No 3				
	Mode of measurements	Job			
	(Rupeesíí only)				
3	Providing, fixing, testing and commissioning of pressure switches for above fire fighting pumps including providing necessary wiring of suitable size in H.G. G.I. pipe or necessary size PVC insulated armored cable from control panel to pressure switches for each every fire fitting pumps including providing and fixing necessary cable gland and cable end box on both side including providing and making necessary incoming and outgoing connections and earthing	2	Jobs		
	Mode of measurements	Job			
	(Rupeesíí only)				
4	Providing of 4x10sq mm PVC INSULATED AL Armoured Cable to laid on surface of wall/ceiling with clamps/saddles from basement to tarrece including connections with Motor and Panel	60	Rmt		
	Mode of measurements	Mt.			
	(Rupeesíí only)				
5	Dismantling of existing fire fighting Pump 7.5 HP set from foundation, disconnecting the suction and discharge line, electrical cables including electrical panel etc. breaking the foundations, making new foundation of suitable size in same room for reinstallation of the Existing Pump set, electrical panel, connecting the suction and delivery pipe of wet riser, testing and commissioning of the pumpset. Before commissioning of Pumpset, the panel is to be checked and tested for its proper functionality.	1	No.		
	Mode of measurements	No.			
	(Rupeesíí only)				
	Sub total D				
	(Rupeesíí only)				
	AMC of Fire Fighting System for 5 years				
	After warranty: - Annual maintenance service contract (Comprehensive Annual Maintenance basis).				
	Charges for the Fire Fighting System after the expiry of the warranty period of one year: To check fire fighting system,				

Client ID	55
Tender No.	1066
Page no.	66/79

	submit report to us quarterly.				
1	(a) For the 1 st year (Rupees _____ only)	1	Job		
2	(b) For the 2 nd year (Rupees _____ only)	1	Job		
3	(d) For the 3 rd Year (Rupees _____ only)	1	Job		
4	(c)For the 4 th Year (Rupees _____ only)	1	Job		
5	(c) For the 5 th Year (Rupees _____ only)	1	Job		
	Subtotal E				
F	FIRE ALARM SYSTEM				
1	Supply, Installation, Testing and commissioning of 10 LOOP intelligent Addressable main fire control panel with display and standard battery backup for (2 hours). With zone indications, along with Amplifier for public address system for individual zone as well as whole complex. The operating voltage shall be 24 volts D.C. & battery charger maintenance free batteries, and fire fault/fault test position selector switch etc Make: - Honeywell/ Notyfire/System Sensor.	1	No.		
	Mode of measurements No.				
	(Rupeesíí only)				
2	Repeater fire Panel do as above with display and battery backup for (2 hours). Make:- Same as main panel	1	No.		
	Mode of measurements No.				
	(Rupeesíí only)				
3	Supply, Installation, Testing and commissioning of 1/2 Zone intelligent Addressable Zonal/MIMC fire control panel with display and standard battery backup for (2 hours). With indication, for individual zone for complete floor. The operating voltage shall be 24 volts D.C. & battery charger maintenance free batteries, and fire fault/fault test position selector switch Make: - ,Honeywell/ Notyfire/ System Sensor.	10	Nos.		
	Mode of measurements No.				
	(Rupeesíí only)				
4	Supply, Installation, Testing and commissioning of Intelligent Addressable Optical smoke detector with Base with duel indication. LED (Below False Ceiling)	382	Nos.		

Client ID	55
Tender No.	1066
Page no.	67/79

	Make: - Honeywell/ Notyfire/ System Sensor.				
	Mode of measurements	No.			
	(Rupeesíonly)				
5	Supply, Installation, Testing and commissioning of Intelligent Addressable Optical smoke detector with Base with duel indication. LED (Above False Ceiling) Make: - Honeywell/ Notyfire/ System Sensor..	150	Nos.		
	Mode of measurements	No.			
	(Rupeesíonly)				
6	Supply, Installation, Testing and commissioning of Intelligent Addressable Optical Heat detector with Base with duel indication. LED (Below False Ceiling) Make: - Honeywell/ Notyfire/ System Sensor.	22	Nos.		
	Mode of measurements	No.			
	(Rupeesíonly)				
7	Supply, Installation, Testing and commissioning of Intelligent Addressable Optical Heat detector with Base with duel indication. LED (Above False Ceiling) Make: - Honeywell/ Notyfire/ System Sensor.	12	Nos.		
	Mode of measurements	No.			
	(Rupeesíonly)				
8	Supply, Installation, Testing and commissioning of Intelligent Addressable Fault Isolator Module with Base with duel indication. LED Make: - Honeywell/ Notyfire/ System Sensor.	36	Nos.		
	Mode of measurements	No.			
	(Rupeesíonly)				
9	Supply, Installation, Testing and commissioning of Response Indicator. with duel indication. LED (For Doors) Make: - Honeywell/ Notyfire/ System Sensor.	107	Nos.		
	Mode of measurements	No.			
	(Rupeesíonly)				

Client ID	55
Tender No.	1066
Page no.	68/79

10	Supply, Installation, Testing and commissioning of Response Indicator . with duel indication. LED (Above False Ceiling) Make: - Honeywell/ Notyfire/ System Sensor.	10	Nos.		
	Mode of measurements No.				
	(Rupeesíonly)				
11	Supply, Installation, Testing and commissioning of Electronic Hooter suitable for fire and fault signaling and Public Address System with duel indication. LED. Make: - Honeywell/ Notyfire/ System Sensor	28	Nos.		
	Mode of measurements No.				
	(Rupeesíonly)				
12	Supply, Installation, Testing and commissioning of Manual Call Point . with duel indication. LED with chain & hammer Make: - Honeywell/ Notyfire/ System Sensor.	21	Nos.		
	Mode of measurements No.				
	(Rupeesíonly)				
13	Supply, Installation, Testing and commissioning of Control Module . with duel indication. LED Make: - Honeywell/ Notyfire/ System Sensor.	40	Nos.		
	Mode of measurements No.				
	(Rupeesíonly)				
14	SITC of PC (18ö) for Fire system. With software. Including programming for display of conditions/states of each Detector in PC of HCL/HP make	1	No.		
	Mode of measurements No.				
	(Rupeesíonly)				
15	2Cx1.5sq. Mm untwisted, unshielded, copper armoured. Make:- Polycab/RR/Finolex.	6500	Mtrs		
	Mode of measurements Mt.				
	(Rupeesíonly)				
	Sub Total – F				
III	Signage Self - Illuminate				
1	Fire Exit (Both Side Arrow) Hanging	20	Nos.		

	Mode of measurements	No.			
	(Rupeesíí í ..only)				
2	Fire Exit (One Side Arrow) Hanging/fixed on Wall	20	Nos.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
3	Fire Exit	4	Nos.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
4	Lift singe	10	Nos.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
5	Fire Hydrant Box	10	Nos.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
	Sub total III				
	(Rupeesíí ...only)				
G	Supply and Installation of FM 200 System,				
1	Supply, Installation, Testing and commissioning of 02 (For 2 nd Floor) LOOP intelligent Addressable main fire control panel with display and standard battery backup for (2 hours). With zone indications, along with Amplifier for public address system for individual zone as well as whole complex. The operating voltage shall be 24 volts D.C. & battery charger maintenance free batteries, and fire fault/fault test position selector switch etc Make: - Honeywell/Notyfire/System Sensor.	1	No.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
2	Repeater fire Panel do as above with display and battery backup for (2 hours). Make: - Same as main panel (2 nd Floor).	1	No.		

	Mode of measurements	No.				
	(Rupeesíí í ...only)					
3	Supply, Installation, Testing and commissioning of Intelligent Addressable Multisencor Optical smoke detector with Base with duel indication. LED (Below, Above False Ceiling and Below False Flooring) Make: - Honeywell/ Notyfire/ System Sensor (2 nd Floor)	06	Nos.			
	Mode of measurements	No.				
	(Rupeesíí í ...only)					
4	Supply, Installation, Testing and commissioning of Response Indicator. with duel indication. LED Make: - Honeywell/ Notyfire/ System Sensor.(2 nd Floor)	02	Nos.			
	Mode of measurements	No.				
	(Rupeesíí í ...only)					
5	Supply, Installation, Testing and commissioning of Electronic Hooter suitable for fire and fault signaling and Public Address System with duel indication. LED. Make: - Honeywell/ Notyfire/ System Sensor (2 nd Floor)	02	Nos.			
	Mode of measurements	No.				
	(Rupeesíí í ...only)					
6	Supply, Installation, Testing and commissioning of Manual Call Point. with duel indication. LED with chain & hammer Make: - Honeywell/ Notyfire/ System Sensor. (2 nd Floor)	02	Nos.			
	Mode of measurements	No.				
	Sub total G					
	(Rupeesíí í ...only)					
H	AMC of Fire Alarm System for 5 years					
	After warranty: - Annual maintenance service contract (Comprehensive Annual Maintenance basis). Charges for the Fire Alarm System after the expiry of the warranty period of one year: To check fire alarm system, related to Fire System & submit report to us quarterly.					
	(a) For the 1 st year (Rupees_____ only)	1	Job			

	(b) For the 2 nd year (Rupees _____ only)	1	Job		
	(c) For the 3 rd Year (Rupees _____ only)	1	Job		
	(d) For the 4 th Year (Rupees _____ only)	1	Job		
	(e) For the 5 th Year (Rupees _____ only)	1	Job		
	Sub total H				
I	Design, Installation, Testing & Commissioning FM 200 System				
	CCOE Nagpur approved 80 Ltrs Seamless Cylinder With Pressure gauge. (2nd Floor) one Cylinder for each floor.				
1	2 HFC 227ea Gas (2 nd Floor)	40	Ltr		
	Mode of measurements Ltr.				
	(Rupeesíí í ...only)				
2	Manual Actuator	01	No.		
	Mode of measurements No.				
	(Rupeesíí í ...only)				
3	Pneumatic Actuator	01	No.		
	Mode of measurements No.				
	(Rupeesíonly)				
4	Discharge Hose	03	No.		
	Mode of measurements No.				
	(Rupeesíonly)				
5	Actuator Adaptor	01	No.		
	Mode of measurements No.				
	(Rupeesíí ...only)				
6	Pneumatic Actuation Hose	01	No.		
	Mode of measurements No.				
	(Rupeesíí ...only)				
7	Check Valve	01	No.		
	Mode of measurements No.				
	(Rupeesíonly)				
8	Manifold - 1 Way	01	No.		
	Mode of measurements No.				
	(Rupeesíonly)				
9	Gas Discharge Nozzles	03	Nos.		
	Mode of measurements No.				
	(Rupeesíí ...only)				
10	Piping: C.S. Seamless Sch.40 ASTM A 106 Gr. B. with necessary fitting and accessories, Support and painting.				

Client ID	55
Tender No.	1066
Page no.	72/79

11	3 Inch	60	Mtrs.		
	Mode of measurements	Mtr.			
	(Rupeesíonly)				
12	1 Inch	30	Mtrs		
	Mode of measurements	Mtr.			
	(Rupeesíí ...only)				
13	Warning Sign	04	Nos.		
	Mode of measurements	No.			
	(Rupeesíí .only)				
14	Manual Gas Release Unit	02	Nos.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
15	Manual Gas Inhibit unit	02	Nos.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
16	Cylinder wall fixing bracket	08	Nos.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
	Sub total I				
J	SITC of CQRS HCFC 123-ake Ceasefire Industries Ltd (3 rd floor Server Room)				
1	One number HCFC Cylinder	09	Nos.		
	Mode of measurements	No.			
	(Rupeesíonly)				
2	Tube Length	11	Nos		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
3	Pressure Moitoring Switch	01	No.		
	Mode of measurements	No.			
	(Rupeesíí ...only)				
4	end-of-line adapter, end of line plug	01	No.		
	Mode of measurements	No.			
	(Rupeesíonly)				
5	one 'elbow'	02	Nos		
	Mode of measurements	No.			
	(Rupeesíonly)				
6	one 'T'	02	Nos		
	Mode of measurements	No.			
	(Rupeesíonly)				
7	Clips	12	Nos		
	Mode of measurements	No.			

Client ID	55
Tender No.	1066
Page no.	73/79

	(Rupeesíí ...only)			
8	control panel	01	No.	
	Mode of measurements	No.		
	(Rupeesíí ...only)			
	Sub total J			
	(Rupeesíí ...only)			
K	AMC of FM 200 and CQRS System for 5 years			
	After warranty: - Annual maintenance service contract (Comprehensive Annual Maintenance basis). Charges for the FM 200 and CQRS System after the expiry of the warranty period of one year: To check FM 200 and CQRS system, and report to be submitted quarterly.			
	(a) For the 1 st year (Rupeesíí ...only)	1	Job	
	(b) For the 2 nd year (Rupeesíí ...only)	1	Job	
	(c) For the 3 rd Year (Rupeesíí ...only)	1	Job	
	(d) For the 4 th Year (Rupeesíí ...only)	1	Job	
	(c) For the 5 th Year (Rupeesíí ...only)	1	Job	
	Sub total K			
L	SITC of PA System			
1	SITC of 480 W amplifier with zone selectors. Make: Bosch	3	Nos.	
	Mode of measurements	No.		
	(Rupeesíí ...only)			
2	SITC of 4W ceiling mounted speaker Make: Bosch	180		
	Mode of measurements	No.		
	(Rupeesíí ...only)			
3	SITC of volume controller of 6 ohms	50		
	Mode of measurements	No.		
	(Rupeesíí ...only)			
4	SITC of controller router with 10 zones selector and 12 zones expandable	1		
	Mode of measurements	No.		
	(Rupeesíí ...only)			
5	SITC of DVD player Make: Samsung/ Sony/ Panasonic	1		
	Mode of measurements	No.		
	(Rupeesíí ...only)			
6	SITC of table mounted gooseneck type microphone with 10 zones selector Make :	1		

Client ID	55
Tender No.	1066
Page no.	74/79

	BOSCH				
	Mode of measurements	No.			
	(Rupeesíí ...only)				
7	Supply and laying of 2Cx1.5 sqmm twisted pair shielded annealed tinned copper cable in MS Conduit /GI flexible pipe on ceiling with saddles/ clamps.	3000	Mtrs		
	Mode of measurements	Mt.			
	(Rupeesíí ...only)				
8	SITC of 2Cx2.5 sqmm twisted pair shielded tinned and screened flat Cu flexible cable M S Conduit pipe from junction box to control room	100	Mtrs		
	Mode of measurements	Mt.			
	(Rupeesíonly)				
9	SITC of 32 U Rack with 5 Nos 5Amp 3 Pin Sockets and switch and 3 Nos Exhaust Fans with suitable size wire Make: Valrack	1	No.		
	Mode of measurements	No.			
	(Rupeesíonly)				
	Sub total L				
M	AMC of Public Address System for 5 years				
	After warranty: - Annual maintenance service contract (Comprehensive Annual Maintenance basis). Charges for the Public Address System after the expiry of warranty period of one year: Quarterly the health of the PA system is to be checked and report to be submitted				
	(a) For the 1 st year (Rupees_____ only)	1	Job		
	(b) For the 2 nd year (Rupees_____ only)	1	Job		
	(c) For the 3 rd Year (Rupees_____ only)	1	Job		
	(d) For the 4 th Year (Rupees_____ only)	1	Job		
	(c) For the 5 th Year (Rupees_____ only)	1	Job		
	Sub total M				
	(Rupeesíonly)				
	Grand Total				

Client ID	55
Tender No.	1066
Page no.	75/79

I/we agree to carry out the above said job as per tender specifications and conditions of Part - I and Part -II and abide our self with these conditions as mentioned and we also confirm that we will carry out the above job as above quoted rates

The above rates including necessary loading octroi , taxes transportation and all other charges what so ever all are includes in the tender and nothing extra is payable to us.

We confirm that we have gone through the terms and conditions as mentioned in Part I of the tender specifications and we also confirm that we have quoted as per tender specifications and we have not added or changed any conditions and we will abide our self with the tender specifications and the same are acceptable to us and the price quoted by us after visiting the site and have acquaint ourselves with the site conditions and following conditions etc.

Above Tender rates shall be on an item rates bases for materials and equipment delivered at site, installed, tested and commissioned in accordance with the tender specifications and drawings and as per schedule. of quantities.

- i) Tender rates shall be inclusive of labour, wastage of materials and ancillaries
- ii) Rates includes for preparing working drawings after checking the existing site conditions and the conduit already laid including getting the drawings approved from various authorities as mentioned in the tender before starting the work
- iii) The rates shall be inclusive of all taxes, duty, import duty and other levies and nothing extra shall be paid on any account.
- iv) Rates quoted shall remain firm during the contract period and shall be free from any variations owing to increase or decrease in the cost of material labour or in excise duty, custom duty or any other duty or taxes and nothing extra shall be paid on any account what sever.
- v) Rates quoted includes for one year free service and maintenance, the tenderer shall also furnish one year's guarantee against defective material and or workmanship. The above mentioned one year's period shall start from the date of taking over the installation by the PUNJAB & SINDH BANK /UTIITSL after getting the NOC from Chief Fire Officer, Delhi Fire Service Delhi State Govt. As per tender specifications.
- vi) Rates included for getting the subject work under this contract and other Fire Protection works carried out by other agencies in the building by any contractor such as FIRE ALARM SYSTEM INSTALLED IN THE BUILDING ALONG WITH OTHER WORKS SUCH AS FIRE CHEAK DOORS AND OTHER CONNECTING WORKS got approved and obtained No objection Certificates from the Chief Fire Officer, DDA MCD or any other authorities connected for approval as per tender specifications and the work is to be completed with in two months from the date of work order including obtaining NOC
- vii) Rates quoted shall be firm and not subject to any price variation clause till the compilation of work and nothing extra shall be paid on any account

Client ID	55
Tender No.	1066
Page no.	76/79

viii) Rates are inclusive of all items such as packing unpacking, loading unloading, all freight, octroi duty transport charges, insurance charges for the equipment during the transit storage as well during the erection, testing and till the Fire alarm system is to be handed over and from all damages from any cause whatsoever during the contract and maintenance period,

xi) The quantities indicated herein are estimated for the guidance of the contractor and to provide uniform basis for tendering, However the contractor is bound to execute the work in full, including variations. Quantities mentioned in the schedules are provisional which can be increased or decreased on the discretion of the Project Manager and the tenderer are bound for the same. The contractor shall prepare the working drawings and work out the quantities on the basis of these quantities and get them approved from the BANK / UTITSL before ordering and commencing of the work.

We shall be providing the work of SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF FIRE FIGHTING SYSTEM (FIRE HYDRANT SYSTEM, SPRINKLER SYSTEM, FIRE DETECTION SYSTEM AND PUMPS AND ACCESSORIES) AT PUNJAB AND SINDH BANK, Bank House 21, Rajendra Place, New Delhi 6 110 008 We shall also be responsible for getting the approval of the subject work for all authority as per rules .

The building is fully occupied. The work of SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF FIRE FIGHTING SYSTEM (FIRE HYDRANT SYSTEM, SPRINKLER SYSTEM, FIRE DETECTION SYSTEM AND PUMPS AND ACCESSORIES) AT PUNJAB AND SINDH BANK, Bank House 21, Rajendra Place, New Delhi to be carried out in phases floor wise at time with out disturbing office working and the work carried out by other agencies for the subject work is to be carried out on Saturday, Sunday, during office hours (without disturbing office working), after office hours and on holidays for which noting is payable extra on this account or any other account please note. Entire erection of equipment shall be carried out in a workman like manner without causing any hindrance to the office working and various other office in the building and the work of other contractors.

Rates quoted by us shall be FIRM throughout the currency of the contract (including extensions of time, if any granted.) We also confirm that there will not ask any claim on account of any price fluctuation due to variation in cost of materials or labour or any variation under any State or Central Legislation or any other reason whatsoever.

We also confirm that it will be our sole responsibility to apply and obtain the necessary approval, sanctions and licenses from the local authorities, Electrical Inspector, Chief Electrical Inspector of Central Electricity Authority of Govt. Of India, Chief Fire Officer Delhi Development Authority MCD and any other Authorities where permission required for the dismantling, installation as well as operation of the Fire Fighting System

We confirm that we will complete entire work as per tender conditions two month and hand over the Fire Fitting System in working conditions including obtaining the necessary approval, sanctions and licenses from the local authorities, Electrical Inspector, Chief Electrical Inspector of Central Electricity Authority of Govt. Of India, Chief Fire Officer Delhi Govt,

Client ID	55
Tender No.	1066
Page no.	77/79

Local Development Authority MCD and any other Authorities where permission required for the dismantling, installation as well as operation of the subject work (Entire Fire Fittings system)

RATE OF COMPREHENSIVE AMC OF Fire Fitting System

Contractor should note that after completion of Defect Liability period of one year, the Tenderer shall have to enter into comprehensive Annual Maintenance Contract for one year. Thereafter, rate of AMC will be considered on year to year basis (Labour and Material) Tenderer are requested to please quote their rates for comprehensive AMC for first year on percentage basis. Percentage rates of total cost of price bid. No indication of cost shall be given in technical Bid. Tenderer must quote rates for AMC on percentage only

**SIGNATURE OF THE CONTRACTOR
WITH SEAL**

**SIGNATURE OF TENDERER
WITH RUBBER STAMP**

Client ID	55
Tender No.	1066
Page no.	78/79

Confirmation of Acceptance of Tender terms and conditions

(To be signed by the Tenderer and enclosed along with their offer in a separate envelope)

We have studied and understood the terms and conditions of Tender Enquiry including General and Special terms and conditions, the specifications, lay-out drawings, Schedule of Quantities, Commercial terms and conditions, Approved Makes etc. and hereby agree to abide by them.

We are accepting all terms and conditions of Tender Enquiry without any deviation.

Offer with any deviation from the Tender Enquiry are likely to be rejected.

We also understand that the order / s will be placed in the name of principals only, not in the name of their dealer / s. Our quotation is based on the above.

Date: _____

SIGNATURE OF TENDERER

WITH RUBBER STAMP

Client ID	55
Tender No.	1066
Page no.	79/79

DECLARATION

I / We hereby declare that I / We read and understood the Terms and Conditions of the contract, Specifications, Drawings, Schedule of Quantities etc. and hereby agree to abide by them. In token thereof, I / We have signed below and at the end of the schedule of quantities, failing which the tender is liable to be rejected.

I / We understand that our tender will not be considered if the rates for items are not written in both FIGURES and WORDS

I / We hereby confirm that only the relevant entries asked for, have been made within the Tender documents issued to us. I / We also confirm that in the event of any entry in this Tender document other than the relevant entry, shall make this Tender invalid.

Date: _____

**SIGNATURE OF TENDERER
WITH RUBBER STAMP**