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Issued to M/s. \_\_\_\_\_

**UTI INFRASTRUCTURE TECHNOLOGY AND SERVICES LTD.  
MUMBAI**

Address: UTI Tower, 'Gn' Block, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051

Tel No: 022 26547615 / 7616/ 7618. Fax: 022 26547626 / 7627

**FINANCIAL BID**

Name of work:

**Tender for Supply, Installation, Testing & Commissioning of fire  
Sprinkler System for the Office Premised Of National Company  
Law Tribunal Prithvi Planet (4<sup>th</sup> Floor), Behind of Human  
Mandir, G.S. Road, Guwahati.**

Estimated Cost	: Rs 500,000.00
Last date of submission of tender	: 03.00 p.m. on 11/03/2016
Date of opening of the Tender	: 03.30 p.m. on 11/03/2016.
Venue of the Tender opening	: UTI Infrastructure Technology And Services Ltd. UTI Tower, 'Gn' Block, Bandra Kurla, Complex, Bandra (E), Mumbai - 400 051
Validity of Tender from the date of opening	: 60 days
Time of commencement from the	: 7 days from the date of work order
Stipulated period of Completion	: Within 30 days from the date of Commencement
Documents to be provided :	i) CAR Policy and Workmen Compensation policy during the contract Period from approved Insurance Co within 5 days from the date of work order & Fire Policy for the period of one year from the date of completion of the Works ii) Indemnity regarding Central Excise Payments Plus Agreement within 7 days from the Date of work order.
Earnest Money Deposit	: Rs.50,000.00 (Fifty Thousand only in the form of DD in favour of "UTI Infrastructure Technology And Services Limited Payable at Mumbai

Contractor's Signature

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# UTI Infrastructure Technology And Services Ltd.

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# UTI Infrastructure Technology And Services Ltd.

## TENDER NOTICE

- 1.0 On behalf of our clients, MINISTRY OF CORPORATE AFFAIRS, UTIITSL invites sealed tenders for the work as indicated in the title page 1, as per the enclosed schedule of quantities, specification, list of materials and as per the terms and conditions stipulated.
- 1.1 Interested eligible candidates may obtain further information and inspect tender documents at all regional offices during normal working hours.
- 1.2 A complete set of tender documents may be obtained from Mr. **N. C. Mazumdar**, Project Manager/ Ms Prashant Sharma Fire Officer UTI Infrastructure Technology and Services Ltd, Ground Floor, 'Gn' Block, Bandra Kurla Complex, Bandra (East) Mumbai - 400051 by interested candidates upon payment of a non-refundable fees of Rs 500/- (Rupees Five Hundred only) through D.D/Bankers Cheque in favour of UTIITSL payable at Mumbai.
- 1.3 Prices quoted should be net, inclusive of all taxes, but excluding Service Tax on works contract and shall remain valid for the period as mentioned on cover page no.1
- 1.4 Completed tender documents are to be enclosed in plain envelopes, sealed, marked with Tender name and reference number as described in greater detail under 'Instructions' and deposited in the Tender Box at the specified location on or before the date, and time as mentioned on title page no. 1
- 1.5 Tenders will be opened at the stipulated time as mentioned on title page no. 1 in the presence of the tenderers or their representatives who choose to attend.

**For and on behalf of UTIITSL**

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## INSTRUCTIONS REGARDING SUBMISSION, OPENING AND ACCEPTANCE OF TENDER

### 2. Submission of Tender :

- 2.1 Tenders in sealed covers super-scribing "Name of works and Client ID", as mentioned on the title page (Page no.1) of the tender and quoting the reference number of the letter of intimation should reach the office of UTIITSL as mentioned on the title page of the tender..
- 2.2 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.
- 2.3 Only the Tender form issued by UTIITSL should be used. The tender should not be changed or altered in any way and the original tenders as issued by UTIITSL would form the reference in all cases.
- 2.4 The tenderer can also collect the tender form from UTIITSL Mumbai as mentioned in clause 1.2 above on payment of tender fee of Rs.500/-only in the form of Demand Draft / Pay Order in favour of UTIITSL drawn on any Nationalized Bank / approved Scheduled Bank payable at Mumbai.
- 2.5 As far as possible corrections in filling the tender documents to be avoided. However in case of any corrections, the same should be authenticated by the person who is authorized to sign 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, tender will be considered invalid.
- 2.6 Every tenderer must submit an Earnest Money Deposit of amount as mentioned on the title page (page no.1) in the form of a Demand Draft / Pay Order only in favour of UTI Infrastructure Technology And Services Ltd. payable at Mumbai drawn on any Nationalized bank / approved Scheduled Bank. The Demand Draft / Pay Order should be placed in a separate sealed envelope duly super-scribed, "EMD". The sealed envelope containing the EMD, the Second sealed envelope containing the completed TECHNICAL BID documents as attached and the Third envelope containing the PRICE BID shall then be placed in a fourth envelope, sealed, Super-scribed with the Client ID and Name of Work and dispatched as mentioned in para 2.8 below. The tender shall be opened only in case the EMD is found to be in order. The EMD will not carry any interest

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- 2.7 The Tender should be forwarded on the official letterhead of the tenderer.
- 2.8 The complete Tender documents duly signed on all pages (tender conditions, specification, priced bill of quantities, etc.) TECHNICAL BID and EMD in separate cover, all covers duly super-scribed, should be addressed to **"The Deputy Vice President , UTI Infrastructure Technology And Services Ltd.", at the address given on cover page 1** and reach the office on or before the date and time fixed and notified on the tender cover page 1.
- 2.9 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 through letters/electronic media.
- 2.10 In case the due date for submission / opening of the tender is declared as a public holiday in the place where the tender is to be submitted, the time limit will be automatically extended to the next working day at the same time unless otherwise specified.
- 2.11 In case, the tenderer does not wish to quote for the work, the same should be communicated to UTIITSL in writing, addressed to The Deputy Vice President on or before the due date of submission of the Tender. The blank Tender also must be returned to the UTIITSL. The technical specification, design and all other contents of the tender documents are property of UTIITSL 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.
- 2.12 UTIITSL will take no responsibility for delay or loss or non-receipt of tenders after dispatch, by the tenderer
- 2.13 The tenderers are advised to drop the tender in tender box kept in the office of UTIITSL as mentioned on cover page 1 or ensure that the tender reaches the office before the due date fixed for submission of the tender. This tender box would be opened and the tenders scheduled to be opened at 3.30 pm on that day would be taken out from the tender box for consideration.
- 2.14 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.
- 2.15 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 and corresponding Education Cess and Secondary and Higher Education Cess as applicable to this Works Contracts

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Service. The service tax along with Education Cess and Secondary and Higher Secondary Education Cess shall be reimbursed on production of proof of payment made to concerned authorities. No request for reimbursement will be accepted after submission of final bill.

- 2.16 The tender should be submitted strictly as per the terms & conditions spelt out in the tender. The tenderer should not make any alteration in the terms & conditions, drawings, specifications etc. In case of any alteration the tender shall be considered as invalid/void. Incomplete tenders are liable to be rejected.

In case, while submitting the tender, any bidder has not submitted the full tender format duly signed and has only submitted the price bid, it would be deemed that he has agreed to all the terms and conditions of the tender.

### **3 Opening of Tenders:**

- 3.1 The sealed tenders will be opened by the designated Tender Opening Committee at the specified time and place in the presence of the contractors who are present.
- 3.2 Intending tenderers who wish to be present at the time of opening of tenders may be present at the office address as mentioned on title page 1 on the date and time fixed for opening of the tender.

### **4. Acceptance of tender :**

- 4.1. Employer reserves the right to accept or reject any tender in whole or part and to cancel the tendering process and reject all tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenderer or tenderers of the grounds for the action
- 4.2 Tenders shall remain valid for acceptance for a period as specified on the title page or the period that may be extended by mutual agreement and the tenderers shall not cancel / withdraw the tenders during that period.
- 4.3 The Earnest Money will be returned to the unsuccessful tenderers. The Earnest Money will be retained in the case of the successful tenderer and will be refunded after the completion of work.
- 4.4 **Earnest Money Deposit will be forfeited, if the contractor:**
- Revokes the tender or stipulates conditions.

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- b. Refuses /delays 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.

**4.5 The tenders will be liable to be rejected if;**

- If the tenderer does not quote for any item/sub-item in the tender.
- If the tenderer fails to countersign each and every correction in the rate(s).
- If the tenderer is not empanelled with UTIITSL and/or does not meet eligibility criteria or is barred from participation
- If the tenderer proposes any alterations to any of the conditions laid down or proposes any other conditions of any description whatsoever.

4.6 Canvassing in connection with the tender is strictly prohibited. The tenderer whose tender has been accepted will be notified of the award prior to expiration of the tender validity period in writing. This notification (hereinafter and in all Contract documents called the “Work Order” will state the sum (hereinafter and in all Contract documents called the “Contract Price” that the **Employer** will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract.

4.7 Within 7 days of receipt of Work Order the successful tenderer will sign the Agreement and return it to the Principal Consultant The Agreement will incorporate all agreements between the Client/Principal Consultant and the successful tenderer.

4.8 Within 5 days after receipt of the Work Order, the successful tenderer shall deliver to the Principal Consultant, Contractor’s all risk policy and workmen’s compensation policy in the amount stipulated in the Appendix to Conditions of Contract and Tender documents.

4.9 Failure of the successful tenderer to comply with the requirements of clauses 4.7 and 4.8 shall constitute sufficient grounds for cancellation of the contract and forfeiture of the EMD.

4.10 A tenderer who gives false information in the tender document about qualification or who refuses to enter into a contract after notification of contract award shall be debarred from participating in future tenders apart from other actions as per Contract and as per law.

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5 Corrupt and Fraudulent practices

- 5.1 UTIITSL requires that tenderers observe the highest standards of ethics during procurement process and execution of contracts.

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## CONDITIONS OF CONTRACT

### 6. Definitions

6.1 In this Contract, except where context otherwise requires, the following terms shall be interpreted as indicated;

- a. **"Principal Consultant"** means UTI Infrastructure Technology And Services Ltd. having their office at Ground floor, UTI-Tower, Gn Block, Bandra-Kurla Complex, Bandra (E), Mumbai - 400 051. Tel.No.022-66786205 / 66786115 Fax No. 022-66786005 / 66786364.
- b. **"CLIENT"** means the Entity on behalf of whom the Principal Consultant is executing the work
- c. "Employer" means the Client or the Principal Consultant who enters into Agreement with the Contractor for execution of the contract.
- d. **"Bill of Quantities"** means the priced and completed Bill of Quantities forming part of the tender.
- e. **"The Virtual Completion Date"** means the date of completion of the Works as certified by the Project Manager, in accordance with Clause 15.3.
- f. **"The Contract"** means the agreement entered into between the Client, or the Principal Consultant acting on behalf of the Client, and the Contractor as recorded in the Agreement Form and signed by the parties including all attachments and appendices thereto and all documents incorporated by reference therein to execute, complete, and maintain the Works,
- g. **"The Contractor"** refers to the person or corporate body including *Successors, Heirs and Assignee of the firm* whose tender to carry out the Works has been accepted.
- h. **"The Contract Price"** is the price stated in the Work Order and thereafter as adjusted in accordance with the provisions of the Contract.
- i. **"Days"** are calendar days, "Weeks" are of seven days, **"Months"** are calendar months.
- j. **"A Defect"** is any part of the Works not completed in accordance with the Contract.

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- k. **"The Defects Liability Period"** is the period named in the Appendix to Contract and calculated from the certified Completion Date.
- l. **"Drawings"** include calculations and other information provided or approved by the Project Manager for the execution of the Contract.
- m. **"The Completion Date"** is the date on which it is stipulated that the Contractor shall complete the Works.
- n. **"Materials"** are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- o. **"Project Manager/ Engineer in charge"** is the person named in work order (or any other competent person appointed by the Principal Consultant and notified to the Contractor, to act in replacement of the Project Manager) who is responsible for supervising the execution of the Works and administering the Contract
- p. **"Site"** is the area defined as such in the Appendix to Condition of Contract.
- q. **"Specifications"** means the Specifications of the Works included in the Contract and any modification or addition made or approved by the Project Manager.
- r. **"Start Date"** is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with the Site possession date(s).
- s. **"A Subcontractor"** is a person or corporate body who has a Contract with the Contractor to carry out a part of the Work in the Contract, which includes Work on the Site.
- t. **"Temporary works"** are works designed, constructed, installed, and removed by the Contractor which are needed for construction or installation of the Works.
- u. **"A Variation"** is an instruction given by the Project Manager which varies the Works.
- v. **"The Works"** are what the Contract requires the Contractor to construct, install, and turnover to the Client/Principal consultant

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## **7. Interpretation**

- 7.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning in English Language unless specifically defined. The Project Manager will provide instructions clarifying queries about these Conditions of Contract.

The following documents shall constitute the Contract documents

- a. Agreement
  - b. Work Order
- 7.2 Contractor's Tender, including priced Bill of Quantities, conditions of Contract (CC), Appendix to CC, Special Conditions, Specifications, Drawings and all correspondence from opening of Tender till Issue of Work Order and any other document listed in the tender and in case of any ambiguity or contradiction between the different parts, shall be interpreted in the following order of precedence;
1. Articles of Agreement
  2. Work Order
  3. Special Conditions
  4. Conditions of Contract
  5. Bill of Quantities
  6. Specifications
  7. Detailed Drawings
  8. Other drawings

## **8. Language**

- 8.1 Language of the Contract shall be English.

## **9. Project Manager's Decisions**

- 9.1 Except where otherwise specifically stated, the Project Manager will decide contractual matters
- 9.2 Delegation : The Project Manager may delegate any of his duties and responsibilities to others after notifying the Contractor.

## **10. Communications**

- 10.1 Communication between parties shall be effective only when in writing. A notice shall be effective only when it is delivered.

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## **11. Subcontracting**

- 11.1 Subcontracting or subletting of the work is strictly prohibited. However wherever the contract specifies certain works to be carried out by specialized agencies, the Contractor may subcontract with the approval of the Project Manager, but may not assign the Contract. Subcontracting shall not alter the Contractor's obligations.

## **12. Other Contractors**

- 12.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities etc. and also with the Client.

## **13. The Works**

- 13.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings. The Works may commence on the Start Date and shall be carried out in accordance with the Program submitted by the Contractor, as updated with the approval of the Project Manager, and complete them by the Intended Completion Date.

## **14. Safety and Temporary Works**

- 14.1 The Contractor shall be responsible for the design of temporary works. However before erecting the same, he shall submit his designs including specifications and drawings to the Project Manager and to any other relevant third parties for their approval. No erection of temporary works shall be done until such approvals are obtained.
- 14.2 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary works and all drawings prepared by the Contractor for the execution of the temporary or permanent Works, shall be subject to prior approval by the Project Manager before they can be used.
- 14.3 The Contractor shall be responsible for the safety of all activities on the Site.

## **15. Work Program**

- 15.1 The contractor shall submit the BAR CHART & MATERIAL PROCUREMENT CHART within 5 days of the date of work order. The program should show the general methods, arrangements, order, and timing for all the activities in the Works including supply of materials.

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15.2 The Contractor shall submit to the Project Manager Weekly Progress Report as per the prescribed format.

**15.3 Virtual Completion of Work;**

The work will be considered as virtually completed only when the Contractor completes the entire work in accordance with the drawings and specifications and after joint inspection of work by the Project Manager and contractor. The Project Manager after satisfying himself shall thereupon approve the virtual completion

**16. Access to Site**

16.1 The Contractor shall allow the Project Manager and any other person authorized by the Project Manager, access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.

**17. Instructions**

17.1 The Contractor shall carry out all instructions of the Project Manager which are in accordance with the Contract.

17.2 The contractor has to maintain a site order book for instructions from the inspecting officer.

**18. Extension or Acceleration of Completion Date**

18.1 At every stage Contractor shall make all attempts to achieve the desired progress and complete the work on time. Whenever the progress is lagging he will prepare a catch up plan to accelerate the progress. Notwithstanding the above, when events occur which are beyond the control of the contractor and the Client is convinced that the delay in execution of the work is beyond the control of the contractor, extension of time to the extent justified may be granted for completion of the works based on the request of the contractor. In such case liquidated damages will be levied for the balance period, if any as provided.

**19. Quality**

19.1 The contractor should carry out the work strictly as per the specification and as directed by the Project Manager.

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- 19.2 All the materials and workmanship shall be of the kind described in the schedule of quantities / specifications and in accordance with relevant BIS codes and as per directions of the Project Manager.
- 19.3 The materials required for the work should be purchased only from the manufacturers directly or from the approved dealers. Confirmation for the same will be required to be submitted to the Project Manager on demand.
- 19.4 The contractor shall submit original vouchers / challans etc. along with photocopies for verification of actual purchases of all important material at site / head office. The original will be returned to the contractor after due verification.
- 19.5 The contractor must submit manufacturers test certificate of important materials, and if so desired by the Engineer- in - charge shall have to carry out testing of any materials brought on site at their own cost in accredited laboratory / site of works. No extra claim will be entertained for such testing of materials.
- 19.6 The contractor should protect the work till its completion and handing over against any possible damage, theft, etc.
- 19.7 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.
- 19.8 The contractor should provide samples of the materials for approval and the samples will be kept in the custody of the Project Manager.
- 19.9 The Project Manager shall inspect the Contractor's work from time to time and notify the Contractor of any defects that are found. Such inspection shall not affect the Contractor's responsibilities. The Project Manager may instruct the Contractor to uncover and test any Work that the Project Manager considers may have a defect. Should the defect be found, the cost of uncovering and making good shall be borne by the Contractor, However, if there is no defect found, the cost of uncovering and making good shall be borne by the Client.
- 19.10 The Project Manager shall give notice to the Contractor of any defects before the end of the Defects Liability Period, which begins at Completion, and is defined in the Appendix to Conditions of Contract. The Defects Liability Period shall be extended for as long as defects remain to be corrected.
- 19.11 Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified by the Project Manager's notice. If

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the Contractor has not corrected a defect within the time specified in the Project Manager's notice, the Employer reserves the right to get the rectifications carried out by other agency and recover the cost of such rectification from the contractor from any money lying to his credit with UTIITSL under the present or any other contract .

19.12 The contractor should arrange a qualified resident engineer having a recognized degree in Civil Engineering with a minimum of three years experience in similar nature of work or a recognized Diploma in Civil Engineering with 8 years of experience in similar nature of work. In addition the contractor shall employ suitable number of technical supervisor with recognized degree/ Diploma in the Electrical trade or recognized qualification & experience at site for proper execution of the work during the course of the entire work. The contractor should not change the supervisors till completion of the work. The supervisors should be available at site when the work is in progress. The UTIITSL may vary any of the above qualification / experience at its discretion if so warranted by conditions prevailing and applicable to particular work. If the contractor fails to employ suitable persons to supervise or fails to appoint replacement as required suitable amount as deemed proper shall be recovered from the contractor.

19.13 The workmanship should be of high quality / standard and the decision of the Project Manger / Specialist shall be final in this regard.

20. **Working conditions:**

20.1 The contractor 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.

20.2 The contractor 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

20.3 The contractors workers will not be allowed to stay at the work site.

20.4 The contractor or his workers can use the common facilities such as drinking water, toilet etc., if made available at the premises. However, it should be ensured that the same should be kept in clean and hygienic condition.

20.5 Water and Electricity as per the availability at site can be made use of by the contractor. The charges for actual consumption for water and electricity are to

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be paid by the Contractor. If not available, the contractor has to arrange it on his own.

- 20.6 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 contractor's own cost.
- 20.7 The contractor should make his own arrangement for storage of materials. Employer 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. Neither UTIITSL nor client will take any responsibility for the safety and / or security of any material lying at site.
- 20.8 Contractor needs to protect all furniture and other assets belonging to Client / User.
- 20.9 The contractor should not engage any person prohibited by law for execution of the job.
- 20.10 The contractor should make necessary arrangement for covering of all the furniture, records, and other assets of the client with fabric/plastic sheets during the course of work

## 21. **General**

- 21.1 In case of any damage to the existing structure, the contractor should make good the same at his cost to the satisfaction of the Project manager.
- 21.2 Client will have the liberty to modify the design to a reasonable limit. No extra charges will be paid for execution after such modification
- 21.3 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 total quantities of work executed to complete the work

## 22. **Payments :**

- 22.1 No advance will be paid.
- 22.2 The billing is to be done in the name of the client as specified on cover page of the tender.
- 22.3 The Contractor has to submit the bill strictly as per the nomenclature mentioned in the bill of quantities in the tender document along with detailed

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rate analysis of extra / deviated items, if any, executed after due approval of UTIITSL, failing which the bill will be returned.

- 22.4 The running account bills may be submitted on fortnightly basis for the completed items of work and for the partly completed items based on the percentage of the work executed. The payment will be released on proper submission of the bill together with the measurements of the work carried out. The Security Deposit, other statutory deductions and any other amounts as may be deductible / recoverable as per the terms and conditions of contract will be deducted from the running bills.
- 22.5 The payment towards the settlement of running bills will be treated as the advance towards settlement of final bill.
- 22.6 10% of the value of each running bill will be deducted as Retention Money / Security Deposit till the amount so accumulated equals the total security deposit mentioned in the APPENDIX TO CONDITIONS OF CONTRACT.
- 22.7 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. The Contractor has to submit Insurance policy against fire of value of final bill Valid till DLP from IRDA approved Insurance company.
- 22.8 50% of the Security Deposit will be refunded with the final bill. The remaining 50% will be returned to the tenderer after the satisfactory completion of defect liability period/extended DLP.
- 22.09 The contractor should approach the concerned client officials one month before the completion of the 'Defect liability Period' and attend to any rectifications / replacements and obtain certificate in the prescribed format for release of Security Deposit.
- 22.10 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 contractor.
- 22.11 Service tax along with cess as per rules is applicable to this contract. The quantum of Service tax including cess as admissible under the rules to this contract will be reimbursed to the contractor on demand supported by verifiable proof of payment. No request for reimbursement will be accepted after submission of final bill.

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22.12 No interest is payable to the contractor on any amount due to him on any account.

22.13 The contractor 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.

**23. DEVIATION, VARIATION, EXTRA / DEVIATED ITEMS AND PRICING :**

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

23.1 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.

23.2 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.

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

23.4 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 and Levies and profits except service tax.

23.5 For all extra items of work, the contractor should submit to the concerned Project Manager 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 Project Manager, then the UTIITSL shall proceed to fix the rate for the item(s) and the same shall be final and binding on the contractor.

23.6 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.

Contractor's Signature

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23.7 The Tax invoice and the abstract of the bill should be submitted strictly as per the approved format of UTIITSL.

23.8 The bill should be attached with all measurement sheets, sketches as applicable.

**24. Escalation :**

24.1 No escalation shall be paid for the works carried out.

24.2 No claim on account of fluctuation of rates of material and labour during the course of work will be entertained (from the date of acceptance of the Tender till issue of completion certificate).

**25. Defect Liability Period :**

25.1 Defect Liability Period is *12 months* from the date of virtual completion of the work unless otherwise specified in Appendix to conditions of Contract.

25.2 During the course of Defect Liability Period the tenderer has to rectify all the defects noticed free of charge.

25.3 In case the contractor fails to attend the rectification work within 7 days of reporting the same in writing, Employer will have the liberty to carry out the said work through any other means at the cost & risk of the contractor. Such expenditure, shall be recovered from the Security Deposit or any other amount due to the Contractor in this or any other contract. The Defects Liability Period shall be extended for as long as defects remain to be corrected.

25.4 While carrying out the rectification work, contractor 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 contractor at his cost.

**26. Statutory obligations to be followed :**

26.1 The contractor should ensure adherence of all statutory requirements under the State and Central Rules in force and other local bodies for smooth and timely completion. All such costs are deemed to be included in the quoted rates.

26.2 The contractor shall comply with the provisions of all the rules and regulation in respect of labour 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 to time by the Government

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Authorities for execution of work, procurement of material for completion of the entire project and shall indemnify the Client/ UTIITSL against any penalties/claims arising from any default on their part . 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

- 26.3 The contractor 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 contractor. UTIITSL shall not be responsible for any payment/ penalty on this account at any stage.
- 26.4 The goods are manufactured at the contractor office / site, the contractor 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.
- 26.5 The contractor should submit a statement confirming that all duties / taxes of every nature covered under the contract have been paid and the contractor shall indemnify the UTIITSL against all claims in that behalf.
- 26.6 The contractor should ensure adherence of all the requirements under the State and Central Rules in force.
- 26.7 The contractor should submit an affidavit / Declaration on payment of Central Excise as per the enclosed format.
- 26.8 The contractor should also submit when required, a copy of the declaration filed with the Central Excise for the previous financial year.
- 26.9 The contractors are required to take ***Contractor's All risk Insurance Policy (CAR Policy) and Workmen Compensation Policy*** with respect to the work and the workmen within 5 days from the receipt of work order with an IRDA approved Insurance Company in the **joint name of the CLIENT and the Contractor** from the date of commencement of work till the certification of virtual completion. The value of the work to be insured would be 125% of the contract value for CAR Policy.

The contractor has also to take CAR policy for Extra/ deviated items as & when they are executed during the contract period.

- 26.10 The CAR policy should have additional coverage under 3<sup>rd</sup> party liabilities. The third party liability insurance should be minimum 10% of the Contract Value. The Original of the premium receipt and the policies should be

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submitted to UTIITSL. The contractor shall fully indemnify the Client/ UTIITSL against all claims which may be made against the Client/ UTIITSL by any member of the public or other third party in respect of anything which may arise in respect of the works or in consequence thereof. The contractor shall also fully indemnify the client/ UTIITSL against all claims which may be made upon the client/UTIITSL, whether under the WORKMEN COMPENSATION ACT or any STATUTE in force during the currency of this contract or at common law in respect of any employee of the contractor or any sub- contractor. The contractor shall be responsible for anything which may be excluded from the insurance policies above referred to.

- 26.11 The contractor shall also fully indemnify the client/UTIITSL in respect of any costs, charges or expenses arising out of any claim or proceedings at law and also in respect of any award of compensation of damages arising there from.
- 26.12 The client/ UTIITSL shall be at liberty and is hereby empowered to deduct fully the amount of any damages, compensation costs, charges and expenses arising or accruing any such claim or damage from any sum or sums due or to become due to the contractor.
- 26.13 The contractor shall take Fire Policy for the completion cost of work to cover the defect liability period from an IRDA insurance company and submit along with final bill.
- 26.13 UTIITSL will have the right to protect its interest either by taking insurance directly or by any action that it may deem fit on account of the contractor and recover the same from the contractor in case the contractor fails to do so.

## **27. Liquidated Damages**

- 27.1 The Contractor shall pay liquidated damages to the Client /Principal Consultant at the rate stated in the Appendix to Conditions of Contract for each day that the actual Completion Date is later than the specified Completion Date. The Client /Principal Consultant may deduct liquidated damages from payments due to the Contractor in this contract or from any other contract. Payment of liquidated damages shall not alter the Contractor's liabilities.
- 27.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate.

## **28. Termination, Determination**

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- 28.1 If the contractor commits default in commencing the work, as required by the work order and found that the date stipulated cannot be adhered to, Employer shall be entitled without prejudice to any other rights or remedies available to terminate / rescind the contract
- 28.2 The contract shall be terminated if the Contractor is declared bankrupt or goes into liquidation
- 28.3 In case the contractor fails to show adequate progress in execution of work and Employer feels the work cannot be completed within the stipulated time, Employer will have the right to terminate the contract by giving three days notice to the contractor, at Employer's full discretion and the decision of the Employer shall be final and binding. It will be the full discretion of Employer to carry out the balance work through any agency at any rate as per the specification. The additional amount that may be spent for completion of the balance work will be recovered from any amount due to the contractor on account of this contract or any other contract. 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 and finalization of accounts and liabilities.
- 28.4 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 Project Manager 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.
- 28.5 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.
- 28.6 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible. The Project Manager shall immediately thereafter arrange for a meeting for the purpose of taking record of the Works executed and materials, goods, equipment and temporary works on Site

## **29. Contractor's other responsibilities**

- 29.1 The contractor should co-ordinate with all the other agencies for smooth and timely *execution of the project*.
- 29.2 The contractor should set out the layout at site before commencement of work and obtain approval to the same from UTIITSL.

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- 29.3 The contractor should make arrangement for extension of temporary electrical work to provide sufficient light and power as required for the work at his cost.
- 29.4 The contractor should clear the site within 7 days of completion of work of all surplus material.
- 29.5 The contractor should take adequate precaution against fire hazard at site. The contractor 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.
- 29.6 The contractor should arrange scaffoldings / ladders for proper execution of work, also to ensure safety of the workers as per the relevant provisions of the law.
- 29.7 The contractor should prepare mock-up of the items for the approval of the Project Manager and shall modify the mock-up till it meets with the approval of the Project manager. The expenditure that may be incurred for making the mock-up samples should be included in the respective items of work.
- 29.8 In case of any change in the constitution of the firm during the contract period, this shall be intimated to UTIITSL without delay.
- 29.9 The contractor should submit shop drawings for the relevant items for the approval of Project Manager before execution of work.
- 29.10 The contractor has to ensure safety of the premises and the work till handing over of the same to user.
- 29.11 The contractor should submit the As-built drawings of the entire work together with the Final bill. The contractor should also take photographs & video of the entire completed work and submit 4 copies ( 4 sets of album & 4 CDs) along with the final bill.

### **30. Resolution of Disputes**

- 30.1 Except where otherwise specifically stated, the Project Manager will decide contractual matters between the Client and the Contractor in the role representing the Client
- 30.2 Should the Contractor be not satisfied by the decision or interpretation conveyed by the Project Manager, he may then submit his appeal with full facts for review to the MD and CEO, UTIITSL. The MD and CEO may review

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the appeal himself or appoint a committee to review the appeal. After the review the MD and CEO will convey his decision to the contractor and such decision will be final and binding on the contractor and without further appeal

- 30.3 No such appeal for review which is submitted after the submission of final bill by the contractor is tenable and will not be entertained
31. UTIITSL is the Principal Consultant acting on behalf of the Client as mentioned in the Tender Notice. 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.

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Contractor's Signature

Seal



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## UTI Infrastructure Technology And Services Ltd.

APPENDIX TO CONDITIONS OF CONTRACT		
1.	Time of Completion	30 days from the date of commencement of work
2.	Date of Commencement of work	7 days from the date of Work Order
3.	Liquidated damages	2 % of the total contract value per week subject to the maximum of 10 % of the contract value
4.	Validity of the offer	60 days from the date of opening the tender.
5.	Security Deposit (Retention money)	10 % of accepted tender amount out of which 50% will be released at the time of settlement of final bill.
6.	Sales Tax, Excise duty, Royalty, Octroi, Work contract tax or any other statutory levies / Taxes / Cess.	Sales Tax, Excise Duty, Octroi, Works Contract Tax and any other statutory levies / taxes / cess as applicable are to be entirely borne by the Contractor. Service Tax shall be reimbursed on production of receipt of proof of payment. No request for reimbursement will be accepted after submission of final bill.
7.	Insurance policy To be submitted within 5 days of the date of work order	<ol style="list-style-type: none"> <li>1. CAR policy with value of 125% of the contract value in the joint name of client and the Contractor.</li> <li>2. Third Party Insurance - Minimum 10% of the contract value</li> <li>3. Workmen Compensation Policy</li> <li>4. Insurance policy against fire of completion cost along with final bill from IRDA insurance company.</li> <li>5. CAR Insurance policy for Extra/Deviated items shall be taken as soon as they are executed.</li> </ol>
8.	Defects Liability Period	12 (Twelve) months from the date of virtual completion or handing over of completed work to the client whichever is later.
9.	Terms of Payment	1. No advance

Contractor's Signature

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		2. Final Bill settlement within 60 days from the date of proper submission of bill or receipt of payment from Client whichever is later
10.	Deductions	<p>Income Tax at source as per Income Tax Rules and as per Income Tax directives.</p> <p>Sales Tax / Works Contract Tax/ Commercial Tax as applicable in the state.</p> <p>Cess applicable as per the local rules</p> <p>Any other Levy/Cess/Tax to be deducted at source by law.</p>
11.	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 and address of the Contractor)

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

Contractor's Signature

Seal

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## Annexure-I

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

From. : **Contractor**

To : UTI Infrastructure Technology And Services Limited,  
UTIITSL Tower, Plot No. 3, Sector 11, CBD Belapur, Navi Mumbai –  
400 614

Dear Sirs,

**SUBJECT : Indemnity for payment of Taxes, duties**

We refer to the tender dated \_\_\_\_\_ for \_\_\_\_\_ and hereby confirm that we have complied with all formalities relevant to the performance of our Contract for the supply of goods and services under all Central, State and Local statutes governing the same. We further confirm that we have paid / we undertake to pay all taxes and duties including sales tax and excise duty in respect of the goods and services supplied / to be supplied under this contract.

\* We are covered under the exemption limit prescribed by the Central Excise Act 1944 and no Excise duty is payable by us on the goods and services supplied under this contract.

We undertake that if any taxes and duties including Sales Tax and Excise duty in respect of goods and services supplied to you by us is payable the responsibility of paying the same shall be ours.

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**

\* Strike out if not applicable

Contractor's Signature

Seal

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

ARTICLES OF AGREEMENT made at Mumbai this\_\_\_\_\_between UTI Infrastructure Technology And Services Limited, having its Registered Office at UTI ITSL Tower, Plot No. 3, Sector 11, CBD Belapur, Navi Mumbai – 400614 (hereinafter called the Employer of the one part) and \_\_\_\_\_, (hereinafter called the 'Contractor' of the other part).

WHEREAS the Employer \_\_\_\_\_ is desirous of carrying \_\_\_\_\_, hereinafter called 'The Work', and has prepared drawings/specifications the Schedule of Quantities, which have been seen and understood by the contractor..

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.\_\_\_\_\_ 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 Employer 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. The contractor shall complete the work within the time period stipulated in the work order.

Contractor's Signature

Seal

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5. Work completion certificate to be taken by contractor from the client.
6. 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.
7. This Contract comprises :
  - i) Tender documents serial pages \_\_\_\_\_ to \_\_\_\_\_ dated \_\_\_\_\_.
  - ii) All subsequent correspondence from issue of tender till award of work.
  - iii) Work order no. \_\_\_\_\_ dated \_\_\_\_\_
  - iv) Specifications and Drawings
8. Only \_\_\_\_\_ 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 both the parties.
9. IN WITNESS WHEREOF THE official seals of the Employer and the Contractor have been affixed and both parties have signed this Agreement on the dates respectively mentioned against their signatures in the presence of the witnesses.

**Contractor**

**Employer**

Signature and Seal : \_\_\_\_\_  
Date \_\_\_\_\_

Signature and Seal : \_\_\_\_\_  
Date \_\_\_\_\_

In the presence of :

In the presence of :

Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Date \_\_\_\_\_

Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Date \_\_\_\_\_

Contractor's Signature

Seal

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# UTI Infrastructure Technology And Services Ltd.

## Special conditions of the contract

1. Tenders if submitted by tenderers who have been disqualified, blacklisted, debarred, or who otherwise do not qualify, will not be considered and all such tenders shall be rejected.
2. Where the work is to be carried out in the premises owned or leased by Client and UTIITSL is the consultant then and then alone the following conditions will apply ;
  - a) After opening of the tenders, UTIITSL would prepare the tender opening sheet, the statement of amount quoted and hand over the same to UTI Asset Management Company Ltd., for further scrutiny of the tenders as UTI Asset Management Company Ltd., is the client who has engaged UTIITSL as consultant and is the entity carrying out the work and the payment authority for the aforesaid work.
  - b.) It will be open for UTI Asset Management Company Ltd., to review the tenders, negotiate with the bidders as per UTI Asset Management Company's rules and regulations. UTI Asset Management Company Ltd., would be the final authority to decide on the vendor /tenderer / bidder to whom the work is to be awarded on the basis of the negotiations carried out by them.
  - c) After the finalization of the bidder by UTI Asset Management Company Ltd., as mentioned herein above the work order would be placed by UTI ITSL on behalf of UTI Asset Management Company Ltd., for carrying out the work.
  - d) It is clarified that UTIITSL shall have no say or no recommendation or any interference in the award of work which will be completely under the jurisdiction of Client, and completely as per the direction of UTI Asset Management Company Ltd.
3. The work need to be carried out strictly as per the society rules and regulation.
4. The contractor needs to take necessary permission from society including the payment of security deposit for on refundable basis if required.
5. It is the responsibility of the contractor to get the confirmation certificate from the Client after virtual completion of the work, if required by the Society.

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6. **All the payments shall be released to the tenderer on back to back basis once the payment is received from the client**
7. Necessary Permission required for execution of the work shall have to be obtained by the Contractor at the quoted rates from the Concerned Local authority. No any additional payment shall be made on account of any reason what so ever.

**The Electrical Service Connection including sanction of Load from the concerned electricity authority as required shall be obtained by the contractor which is inclusive of in the rates quoted in the tender. No additional payment shall be made on account of any reason what so ever.**

**Regarding any fee, charges for above permission and Electrical Connection - Payment to the appropriate authorities would be made by UTI Infrastructure and Technology Services limited through Demand Draft/ Cheque in the name of the said authority.**

**If such payment is made by the contractor, it will be reimbursed on submission of receipt.**

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## **MATERIALS, SPECIFICATIONS & WORKMANSHIP**

### **General:**

1. The measurements indicated in the drawings are approximate and may vary as per the site conditions. UTIITSL's interpretation of the design and the specifications mentioned in the entire document shall be final and without appeal. In case of Errors or inconsistency, if any discovered in the drawing and specifications, UTIITSL's interpretation shall be final and without appeal.
2. The contractor shall submit the Bar Chart along with Material Procurement Schedule before commencement of work and the progress chart during the course of work. The Bar chart and Material procurement chart is incorporated in the Tender document for guidance. The contractor shall submit his version of Bar Chart & Material procurement schedule (fitted within the overall period of completion), along with his acceptance of work order.
3. The contractor shall submit manufacturer's Test certificate for all important materials.
4. For the design and other details mentioned in the entire document UTIITSL alone has the copyright
5. The contractor shall take the prior approval from UTIITSL for sub-contracting the job even if the same is to a specialised agency.
6. The whole of the work included in the contract shall be executed by the contractor and the contractor shall not directly or indirectly transfer, assign, or sublet the contract or any part, share of interest therein nor shall he take a new partner without the written consent of the Employer and no subletting shall relieve the Contractor from the full and entire responsibility of the contract or from the active superintendence of the work during its progress.
7. In case UTIITSL rejects a particular work the tenderer shall remove the same within two days and no payment shall be made for such work. In case not removed, the same shall be got removed and redone at the risk and cost of the contractor.
8. The Contractor has to take all safety measures with regard to the workmen employed as per relevant laws and good engineering practices at site and safety measures against the fire hazard.
9. The contractor has to make necessary arrangement for internal lighting at the site.

Contractor's Signature

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10. 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.
11. In case of any discrepancies between the Schedule of Quantities, the specifications and/or the drawings, the following order of precedence shall be observed.
  - a. Description in Schedule of Quantities
  - b. Specifications in relevant Trades
  - c. Standard Specifications as per B.I.S
  - d. Drawings ; detailed drawings shall be followed in preference to small scale drawings and figured dimensions in preference to scale.
12. The electrical installation works to be carried out by engaging licensed electrical contractor. The contractor shall submit the Electrical Contractor's license at the time of execution of work. The copy of license of Electrical Supervisor and electricians also are to be submitted.
13. The contractor shall submit the single line drawing of electrical installations/ wiring of completed work along with the final bill.
14. The contractor shall submit the Test Certificate of the Electrical installations carried out by him as per requirement of local Electrical supply Authority, Indian Electricity Rules, and Indian Electricity Act.
15. The work may be required to be carried out on holidays, Sundays, night hours, after & before office hours for which necessary permission shall be obtained from the client/ UTIITSL. The contractor 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.
16. The contractor shall depute one electrician and one helper during working hours to attend to any electrical breakdown.
17. The tenderer is strictly advised to adhere to all the safety norms and precautions as stipulated in the BIS / NBC standards. The tenderer should follow all the relevant direction on safety and the directions related to safety as given in the tender. Please note that no work is to be carried out without following safety norms. Any instructions from any one against these norms are not to be followed and reported to the client / UTI ITSL in writing. UTI ITSL

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will not be responsible for any work or any consequences or any damages arising out of action taken by the contractor which is in violation of this clause.

18. The wood to be used should have similar / uniform grains and should be well seasoned, have uniform colour totally free from cracks, white portions, decay, knots etc. Anti -termite treatment shall be carried out to the wood work and the quoted rates shall include for the same.
19. All the edges of the plywood should be finished with teak wood beadings. The beading to be fixed with adhesive / screw/ nails.
20. *Wood work, steel fabrication and other fitted out items should be manufactured at the factory / work place of the contractor. Such items will be transported to the site at the cost of the contractor only .*
21. The contractor should not apply primer / putty work / paint or any other finishing material before inspection and certification of the wood work by the Engineer-in-Charge.
22. The contractor should strictly follow the approved colour scheme. The colour scheme will be intimated to the contractor within a week from the date of issue of the work order. However UTIITSL may make modifications as per requirements.

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## GENERAL PREAMBLES TO SCHEDULE OF QUANTITIES

These preambles apply to all the sections of the "Schedule of Quantities".

### RATE TO COVER:

- 1.1 The rates quoted by the Contractor shall be held to include for providing and fixing, all conveyance and delivery, loading & unloading, carrying in, storing, hoisting, all labour, setting, fitting and fixing in position, making straight, cutting, waste, return of packing and all materials and labour and everything else necessary for the proper completion of each item of work to the approval of Corporation's Engineer and for Establishment Charges, overheads and profits. The Contractor shall provide at his expense all labour, materials and things required by the Corporation's Engineer for testing and measuring the work, for weighing, testing the efficiency of any portion of the work, all planking, gangways etc. necessary for affording access to every part of the work except where specifically stated otherwise.
- 1.2 The Contractor should also cover in his rates for the method of work, cost of materials, labour etc., to comply with the "Trade Specifications", General Instructions to Contractor", "Conditions of Contract", "Special Conditions", (if any), and all documents of this contract.
- 1.3 All the materials or procedure or Specifications for work, unless otherwise stated, shall conform to the current Indian Standard whether or not specific mention is made thereof. The Contractor shall be responsible for and shall replace or make good at his own expense, any materials lost or damaged, or of quality not approved.
- 1.4 All rates quoted shall include for Supplying and fixing although the same may not have been mentioned in the item of the Schedule of Quantities. Words "Providing and Fixing where used shall have same meaning as "Supplying and Fixing".
- 1.5 Rates quoted shall include for hoisting to any height and the work at all levels and lift of materials shall not form any criterion for any extra claims, except where otherwise specified.

### ANCILLARY WORKS:

- 2.1 The Contractor shall have to carry out all ancillary and connected work within boundary of the plot of the proposed work and inside the Building if ordered to do so by the UTIITSL at the rates quoted in the Schedule of

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Quantities, at any time during the currency of this Contract including extension of time, if any granted.

#### **PRICE FLUCTUATION/VARIATION:**

- 3.1 Rates quoted by the Contractor shall be firm throughout the currency of the Contract including extensions of time, if any granted. No price adjustment 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.

#### **TESTING OF MATERIALS INCLUDING CEMENT AND STEEL :**

- 4.1 Testing of materials shall be done at the time of approval and as required during the progress of the work.
- 4.2 Testing of all materials including cement & steel during the progress of work shall be as instructed by UTIITSL.
- 4.3 For all materials expense towards testing shall be borne by the contractor and his quoted rates shall include for the same and no claim on the account shall be entertained.
- 4.4 For all tests all incidental charges such as cutting, loading, unloading, transporting, casting etc shall be at contractor's cost and shall be borne by him.
- 5 "PRINCIPAL MAKE/S OR OTHER EQUAL AND APPROVED" FOR MATERIALS/PRODUCTS:
- 5.1 The Contractor shall note that materials having "ISI" monogram shall primarily be used in the work. If in the tender "Certain Principal Make/ Makes or other equal and approved of any material/Product is mentioned in any item or Trade Preambles relating to the particular items in its respective Trade Schedule, the Contractor shall have to use the Principal Make/Makes specified in the relevant item or the trade Preambles. In case the specified particular Principal make/makes of the materials product is/are not readily available, the Contractor shall take prior permission and approval of the UTIITSL in writing before use of the alternative equivalent make of the Material / Product.
- 5.2 All principal makes specified for any item shall be treated at par as per the accepted quoted rate.

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- 5.3 Use of the make other than the Principal Make/Makes which shall be treated as an Equivalent make) shall be at the discretion of the UTIITSL and such Make/Makes shall be used after the approval of the UTIITSL.

In such cases the Contractor will not be paid any extra payment over the accepted quoted rate in any case. However if it is ascertained that the price of approved Equivalent Make or the Material/product is lower than or the Principal Make/Makes of the same material / product the difference of the price shall be payable by the contractor to UTIITSL. Such difference of price shall be suitably decided by the UTIITSL whose decision shall be final and binding to the Contractor in this regard.

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## **LIST OF APPROVED PRINCIPAL MAKES OF MATERIALS**

### **LIST OF APPROVED MAKE**

1. PIPES - JINDAL / ZENITH/TATA/SURYA/APOLLO/SIDDHARTHA
2. FITTINGS ANY REPUTED MAKE AS PER SPECS.
3. SLUICE VALVE - KIRLOSKAR / KARTAR
4. GM VALVES – UPTO 50 mm LEADER / ZOLOTO / SANT.
5. BUTTERFLY VALVE - AUDCO / INTERVALVE
6. NON RETURN VALVE - NORMEX / KIRLOSKAR
7. HYDRANT VALVE - SBJ / NEWAGE
8. STRAINER AS REPUTED MAKE AS PER SPECS.
9. BRANCH PIPE - SBJ / NEWAGE
10. HOSE BOX ANY REPUTED MAKE AS PER SPECS.
11. WRAPPING COATING IWL / RUSTEK.
12. PAINT - ASIAN PAINTS / BERGER / J& N.
13. CABLES - POLYCAB / CCI / FINOLEX.
- 14 ALARM VALVE - HD FIRE / FIRETECH / NEWAGE
15. SPRINKLERS - HD FIRE / SPRAYSAFE / NEWAGE
16. AIR RELEASE VALVE - SBJ / EQUIVALVENT

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# UTI Infrastructure Technology And Services Ltd.

## TECHNICAL SPECIFICATIONS - (FIRE SPRINKLER SYSTEM)

### 1.0 SCOPE:

1.1 The scope of work shall cover the supply, installation, testing and commissioning of all fire sprinkler system, meeting the requirements shown in equipment schedule and the drawings, with good engineering practices.

### **PIPE AND FITTINGS**

The pipes used for fire fighting shall be GI ERW HEAVY CLASS IS 1239 inclusive of all required fittings, flanges, nut bolts, anchor bolts, couplings, U clamps, of reputed make.

All pipes within the building shall be GI HEAVY CLASS ERW as per IS: 1239 for sizes upto 150 mm dia. 200 mm dia & above pipes shall be GIHEAVY CLASS C Class as per IS: 3589 with a minimum thickness of 6.35 mm.

For pipes 50 mm and below in diameter screwed joints shall be used and fittings shall be of malleable iron. For pipes 65 mm and above welded fittings shall be used.

Flanges shall have appropriate number of holes as per the relevant IS standard and shall be fastened with nut bolts and 4 mm thk compressed asbestos gasket. The flanges shall be as per CLASS 150. Elbows and bends shall be seamless.

### **PIPE PROTECTION**

All pipes above ground and in exposed locations shall be painted with 2 coats of Red oxide primer and 2 coats of synthetic enamel paint of fire red colour.

All pipes under ground shall be protected against soil corrosion by wrapping and coating material as per IS: 10221.

- The pipe shall be cleaned using buffing wheel.
- Application of one coat of fiber, coal tar, and solvent based primer of density as recommended by the manufacturer. The primer shall be allowed to dry until the surface becomes tacky. The primer shall be applied by brushing so as to produce effective bond between metal and subsequent coating.
- Once the primer becomes tacky the anti corrosive tape (4 mm thk) shall then be applied. For this the tape is heated so as to get proper adhesions with the primer. The tape shall be applied with an overlap of not less than 15 mm. All the edges shall then be sealed in such a manner that there is no undercut to the installed tape.
- Each end of the pipe shall be left uncoated for welding purpose shall be hand coated and wrapped after field welding is completed and surface cleaned.

### **PIPE SUPPORTS**

All under ground pipes shall be provided with suitable anchor blocks of ample dimensions in cement concrete at all bends, tee connection and other places as required and necessary for

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over coming pressure thrusts in pipes. Anchor blocks shall be of cement concrete 1:2:4 mix (cement: coarse sand: stone aggregate 20 mm nominal size).

Spacing of supports should be as follows:

- Pipes upto 65 mm dia 3.0 Meters.
- Pipes between 80 – 125 mm dia 3.5 Meters.
- Pipes between 150 – 250 mm dia 5.0 Meters.
- Pipes above 250 mm dia 7.0 Meters.

### **HYDRAULIC TESTING**

Hydraulic testing of the entire fire sprinkler system (in stages) during the course of installation shall be carried out a pressure of not less than 1.5 times the working pressure for a period of 2 hrs. The hydraulic test should be presented to the Engineer-in-charge before 11 am or after 4 pm.

However the final hydraulic testing shall be carried out at the working pressure for a period of 24 hrs.

### **WELDING**

Welding shall be done in accordance with IS: 816 – latest revision.

Welding procedure shall be based on the specific analysis of any given heat of steel and shall be subject to the review of the Engineer-in-charge.

These procedures shall call for one or all of the following:

- Proper bead shape.
- Minimised penetration to prevent dilution of the weld metal with the alloy elements.
- Preheating, controlled interpass temperature and controlled heat input.

Welding shall be performed only by qualified and tested welders specifically trained and experienced for the type of job required to execute the welding work. All the welders will have to pass a welders test and a weld piece welded on site in front of Engineer-in-charge will be sent to the laboratory for the Xray and NDT tests.

Structural welding shall not commence until the joint elements are bolted or tacked in intimate contact and adjusted to dimensions shown with allowance for any weld shrinkage that is expected. Welding sequence shall be planned and controlled to minimize undue stress or undue distortions in restrained members and those having a high degree of restraint shall be welded with low hydrogen type electrodes.

Ratio of weld width to weld depth shall preferably vary from a minimum of 1 to 1 to a maximum 1.4 to

### **TESTING OF WELDS**

All welds shall be tested by Dye penetration test as per the latest practices.

At 10 % of all joints shall be radio graphically tested as per IS: 1182 at the locations specified by the Engineer-in-charge. Percentage of welds to be tested may be increased or decreased by the Engineer-incharge depending on the quality of welds and results obtained for previous weld tests.

### **QUALITY CONTROL FOR WELDING**

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Welding machines mobilised shall be in good working condition and shall have proper control for regulating current. Adequate spares shall be kept in stock at site during the execution of the work for routine maintenance. Location of welding machines and the distribution boards to be connected with them shall be decided in consultation with site electrical supervisor to avoid overloading of the distribution boards, cables and electrical power sources.

For executing site fabrication and welding, the electric cables, distribution boards and maintained in good working condition. Welding cables used shall have proper insulation throughout the length. The cables shall be carefully examined and repaired as necessary every day.

All welding shall be performed strictly in accordance with the welding requirements detailed in approved WPSs and ASME Boiler and Pressure vessel code section IX. Suitable WPSs to be adopted for welding are required to be qualified.

### **WELDING ELECTRODES**

Generally all welding shall be performed using Shielded metal arc welding (SMAW) process with low hydrogen basic coated electrodes (i.e., E 7016 or E 7018 type). However, use of cellulosid-coated electrode (E 6010 type) shall be permitted for welding root run of full penetration groove welds. At least two runs with E 7018 electrode shall be made on socket weld and fillet welds. Storing of welding electrodes:

Welding electrodes shall be stored indoors free from moisture. The package of the welding electrodes shall not be opened until immediately before use.

### **Drying of Welding Electrodes:**

All hydrogen welding electrodes shall be dried in an electrode oven in accordance with the manufacturer's recommendation. After backing, the electrodes shall be stored in a holding oven or heated quivers. Welding electrodes not consumed in a day shall be baked by the same method, with only two re-baking permitted. Handling of Welding Electrodes:

During welding work, welding electrodes shall be stored in heated quivers. The lid of the quiver shall be kept closed to ensure that the electrodes are not exposed to moisture in the atmosphere.

Brands of Welding Electrodes:

The following approved makes of welding electrodes shall be used during fabrication and erection

- Advani Oerlikon
- ESAB
- D & H Secheron, India,

Use of any other brand of electrodes is subject to approval by client.

No welding shall be done if there is impingement of any rain, or high winds on the weld area except when suitable protection or shield against the rain or wind is provided.

Tack welds may be done either with full penetration or as bridge tacks. If full penetration tacks are made, the ends shall be ground to featheredge and inspected for presence of any

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defect. If tacks are cracked, these shall be completely removed by grinding and the area shall be inspected by Dye Penetrant examination to ensure freedom from defects.

Before welding, the ends shall be cleaned by wire brushing, filing or grinding. Each weld-run shall be thoroughly cleaned to remove the slag, irregularities and any defects, before the next run is deposited.

Welding of any joint shall be completed uninterrupted. If this cannot be followed for some reason, at least first two passes shall be welded prior to interruption.

## **CONTROL OF WELDERS**

Qualification of welders Qualified and certified welders only shall do welding. All welders assigned to the work shall be qualified by test as per the WPSs in accordance with ASME code Sec. IX and approved by QA/QC Engineer. Welders deployed for welding piping joints shall have qualification in SMAW process in 6G position in accordance with ASME code SEC. IX. Previously qualified welders, whose qualification is still valid, may be deployed subject to the Engineer-in-Charge's approval.

Welding qualification records shall be maintained at site for reference of client at any time.

## **Instruction to Welders**

Welding procedure and other related requirements should be fully explained to each welder and fitter prior to welding work. Welding shall not be started if bevel preparation and fit up of the base materials to be welded is not correct.

## **Identification of Weld**

An identification number shall be given to each welder. Each weld shall be identified by marking the welder's identification number given. This shall be marked on the welded seam or at an adjacent location with metal marker.

## **BOLTING PROCEDURE**

All flanged joints shall be fitted so that the faces of the flanges meet evenly with the gasket, and then the bolts shall be tightened in a sequence to ensure uniform bolt stress.

In bolting flanged joints, the bolt shall be tightened in a proper manner to compress the gasket to build up compression suitable for the type of gasket used. Flanges shall be faced and have jointing of rubber insertion or asbestos compound.

All bolts shall extend completely and uniformly through their nuts. Bolt loads shall be in accordance with the manufacturer's recommendation.

## **INSPECTION BEFORE WEILDING**

- Dimension and orientation of spool assembly and installed spool and / or piping components shall be checked with the piping drawings.
- Width of root opening, bevel angle and alignment of components shall also be checked on each joint fitted up.
- Surfaces to be welded shall be checked to ensure that they are clean and free from foreign material such as grease, oil, paint, scale, etc., for a distance of at least 25mm from bevel ends.

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## **INSPECTION DURING WELDING**

Crack in tack welds, alignment, welding slag, inter-run cleaning, welding current conditions and bead finish shall be checked. Any discrepancy or defects found shall be rectified immediately.

## **INSPECTION OF COMPLETED WELDS**

All welds shall be visually inspected during and after welding by QA/Qc engineer / Engineer-in-Charge. Finished welds shall be visually inspected for parallel and axial misalignment, lack of fusion, un-repaired burn-through, size of fillet welds, dimensions and surface defects. After clearance of visual inspection, Dye penetrant examination, radiography shall be carried out as applicable. Joints close to the pumps (areas of cycling loading) shall be selected for radiography wherever radiography percentage is less than 100%.

- All the root welding shall be 100% Liquid Penetrant tested.
- 10% of the total finish welding shall be Liquid Penetrant tested.
- Liquid Penetrant or magnetic particle examination shall be performed in accordance with section V of ASME code.

## **ACCEPTANCE STANDARDS**

Acceptance criteria for visual, dye penetrant inspection and radiography shall be in accordance with fire protection system specification, unless otherwise amended.

Under cutting adjacent to the final bead on the surface of the pipe shall not exceed 0.8mm in depth or 12 ½ % of the pipe wall thickness whichever is smaller.

The following defects are not acceptable:-

- Crack on external surface not acceptable
- Lack of fusion.
- Incomplete penetration.
- Reinforcement not greater than as indicated by the drawing / calculation.

## **REPAIR AND REMOVAL OF DEFECTS**

Defects, which are not within the acceptable limits, as revealed in visual, and NDT shall be removed from the joint completely by air-arc gouging, chipping or grinding. If gouging is done, the gouged surface shall be ground to smooth white metal, prior to re-welding. The excavated groove after removal of defects shall be suitable for welding 1 re-welding shall be done in accordance with the WPS adopted for original weld.

When the whole joint is found unacceptable, the weld shall be cutout and the ends of the joints shall be restored according to relevant clauses under fabrication.

No repair shall be carried out without prior approval of the Engineer-in-charge.

Traces of jigs / stiffeners removed, undercutting, craters and beds shall be ground to sound metal and weld metal deposited, if necessary.

Repairs of weld reinforcement and overlap shall be ground and weld metal deposited.

Repairs of weld reinforcement and overlap shall be ground smooth. Spatter and slag shall be removed with a chipping hammer or by power wire brushing. A crack found visually shall be removed and examined by a magnetic particle or liquid penetrant test until assured that no defect remains.

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Only two repair attempts shall be allowed on any weld. If unacceptable defects are found after two repairs, the joint shall be cut out. A distance of 25mm shall be cut off from each prior to bevel preparation for the new joints.

### **PAINING**

Paint shall be thoroughly stirred before pouring in small containers and while applying to ensure uniform consistency. The operation for each coat shall consist of a stroke of the brush given from the top downwards, another from the bottom upward over the first stroke and similarly sideways before it dries. No brush marks, hair marks or clogging of paint puddles shall be left. Each coat shall be allowed to dry before the next coat is applied. After the work is complete, the brushes shall be cleaned of paint and linseed oil by rinsing by turpentine. Initial cleaning of the pipes by buffing wheel, to be followed by 2 coats of Red Oxide primer and followed by 2 Coats of Fire Red enamel paint.

### **PRESSURE GAUGE**

Fluid - Water

Working pressure - 8.8 Kg / sqcm

Type - Diameter type

Element - Bourdon tube element of SS 316

Dial Size - 100 mm diameter & scale division shall be in metric units marked in B/W

Operating pressure - 0 to 15 Kg/cm<sup>2</sup>

Connection size - 1/2" NPT (M)

Case - Aluminum

Accuracy - +/- 1%

All pressure gauges shall be complete with isolation cock, copper tube, nipple tail pipes etc.

### **PRESSURE SWITCH**

Fluid - Water

Working temperature - Ambient

Element type & material- Bellows type & phosphor bronze

Connection size - 1/2" NPT (FM)

Switch type - Snap acting micro switch

Size of cable entry - 1/2" NPT

Accuracy - +/- 0.5%

Type of enclosure - Dust proof

Voltage - 230V, 50 Hz

Operating - Electrical contact closure

The pressure switch shall be industrial type single pole double throw electric pressure switch designed for starting or stopping of equipment when the pressure in the system drops or exceeds the pre-set limits.

It shall comprise of a single pole changeover switch, Bellows element assembly and differential spindle.

All the pressure switches shall have 1/4" B.S.P. (F) inlet connection and screwed cable entry for fixing cable gland.

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## **VALVES**

Butterfly valves shall be tested to a minimum of 10 kg / cm<sup>2</sup>. The valves shall fulfill the requirements of BS: 5155 or AWWA C 504, API 609 and MSS-SP-67. The disc shall be heavy duty cast iron with anti corrosive epoxy or nickel coating. The valve seat shall be high grade elastomer or nitrile rubber. The shaft shall be of EN8 grade carbon steel. PN 16

Check valves shall be Cast Iron Double Flanged confirming to IS: 5312

Globe and gate valves 50 mm dia shall be of Gun metal confirming to IS: 778.

Valves shall include matching flanges, bolts, nuts, washers, gaskets etc.

## **INSTALLATION CONTROL VALVE (ALARM VALVE)**

The installation control valve shall be double seated clapper type check valve. The body and cover shall be made from Cast Iron to IS: 210 grade F 200. The seat and clamp shall be made from bronze to IS: 318, LTB II grade. The sealing to the seat shall be neoprene gasket. The hinges pin and ball shall be of stainless steel.

The valve shall be suitable for vertical mounting and the direction of water travel shall be indicated on the surface. It shall be rated to 12 kg / cm<sup>2</sup> and tested to 25 kg / cm<sup>2</sup> pressure.

A by-pass valve shall be fitted to adjust minor and slow variations in water pressure for balancing so as to avoid any false alarm.

The valve shall be provided with a test control box. The box shall house a lever to test and operate the ICV. A brass strainer shall also be provided at the point of water supply to the alarm gong. A retarding chamber shall also be provided. The chamber shall be able to balance the water pressure in case of water line surges.

Each valve shall consist of the following:

- Upstream gate valve.
- In and out pressure gauges.
- Test connection of adequate size with valve and orifice plate with pressure connections.
- Water motor gong with necessary piping, isolating valve, strainer and drain. This shall be mechanically operated by discharge of water through an impeller. The drive bearing shall be weather resistant. A strainer shall be provided on line before the nozzle. The gong piece shall be constructed from bronze to IS: 318.

## **SPRINKLERS**

Sprinkler heads spacing shall be in conformity with the drawings and properly coordinated with the electrical, HVAC and the plumbing departments.

Sprinkler heads shall be brass / chrome plated with a Quartzoid bulb operating @ 68 Deg C. Sprinkler shall be of a type and quality approved by the local fire brigade. The inlet shall be screwed. Sprinkler heads shall be pendant, recessed or sidewall type. All sprinklers shall be UL listed.

## **TENDER PRICE**

Contractor's Signature

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The scope of work involves supply, installation, testing and commissioning of fire fighting system for as per schedule of quantities issued along with this specification.

Incoming cabling to the MCC is not included in this fire protection system scope of work.

Power / control cabling from fire pumps MCC / Control panel to individual pumps, pressure switches and other devices to be included in the scope of works.

### **GENERAL**

Cost of painting of all equipment, piping, etc. shall be included in each item as given in the specifications. The contractor shall provide all anchor fasteners and their installations for successful completion of work.

All fire fighting equipment should have BMS compatibility.

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Contractor's Signature

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# UTI Infrastructure Technology And Services Ltd.

## SUMMARY

**Note:** Rates should be inclusive of all the taxes i.e. Sales Tax, Excise Duty, Royalty, Octroi, Works Contract Tax, or any other statutory liabilities, taxes, VAT, duties i.e. the rate should be all inclusive, but exclusive of Service Tax

The rates should inclusive of installation and commissioning of the work and free delivery of the material at the site

PART	DESCRIPTION	AMOUNT IN FIGURES
A	FIRE SPRINKLER SYSTEM	
	GRAND TOTAL	Rs
Ruppes (In words) (..... .....)		

Contractor's Signature

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## UTI INFRASTRUCTURE TECHNOLOGY AND SERVICES LTD.

### BILL OF QUANTITIES:

#### Note :

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 between the rate written in figures and rate written in words then the rate which correspond with the amount worked out by the contractor 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 contractor will be taken as correct, not the amount.
4. Contractor need to prevent entire furnitures & other asset belonging to the M/S Bengal Shrachi Housing Development Ltd the Builder.
5. The work need to be carried out as per the direction of the UTIITSL Engineer and The Contactor need to keep the one Electrician at site Day and night time, In case any Problem in the Electrical / Server, The electrician need to attend the Complaints Immediately. IF the Contract fail to attend the Work, The work will carried through the Other Agencies and the expenditure will be deducted from the Contractor Bill.
6. **ALL Block boards shall be commercial type of interior grade as per IS 1659 And Plywood shall be MR grade as per IS 303 unless otherwise mentioned. The Plywood & Block board shall not be manufactured with Urea Formaldehyde. All the wooden members should be treated for anti termites and the surface of the wood touching the wall should be treated with bituminous chemical**
- 7 **All the block board and flush door edges should be covered with teak wood beading.**
8. **The maximum VOC of adhesives for wood work shall be 30g/l and that for ceramic tiles shall be 65g/l.**
9. **The maximum volatile organic compound for flat paint shall be 50g/l , non flat paint shall be 150g/l and varnish shall be 350g/l.**
6. **The flow rates of faucets etc shall be as specified in the relevant items.**

Contractor's Signature

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**PART 'A'    FIRE SPRINKLER SYSTEM WORK    (Amount in Rupees)**

**Supply, Installation, Testing and Commissioning of Fire Sprinkler System**

<b>A</b>	<b>Fire Sprinkler System</b>	<b>Qty.</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
1	Supply, Installation, Testing and commissioning of 25mm dia <b>GI pipe C Class (heavy duty) ISI-1239Make</b> with (including all fittings) including pipe supports, hangers, couplings, bends, elbow, tee etc.	50	MTRS		
2	Supply, Installation, Testing and commissioning of 40mm dia <b>GI pipe C Class (heavy duty) ISI-1239Make</b> with (including all fittings) including pipe supports, hangers, couplings, bends, elbow, tee etc.	175	MTRS		
3	Supply, Installation, Testing and commissioning of 50mm dia <b>GI pipe C Class (heavy duty) ISI-1239Make</b> with (including all fittings) including pipe supports, hangers, couplings, bends, elbow, tee etc.	130	MTRS		
4	Supply, Installation, Testing and commissioning of 80mm dia <b>GI pipe C Class (heavy duty) ISI-1239Make</b> with (including all fittings) including pipe supports, hangers, couplings, bends, elbow, tee etc.	90	MTRS		
5	Supply, Installation, Testing and commissioning of 100mm dia <b>GI pipe C Class (heavy duty) ISI-1239Make</b> with (including all fittings) including pipe supports, hangers, couplings, bends, elbow, tee etc.	10	MTRS		
6	SITC of gunmetal quartzoid bulb, sprinkler heads suitable for <b>68°C pendent</b> type. ( <b>VIKING/TYCO</b> )	57	Nos.		
7	SITC of 25mm dia CI Flexible fire hose. <b>UL Listed/Approved (01 Meter Length each)</b>	60	Nos.		
8	<b>VALVE 80MM</b>	1	No.		
<b>Total - A</b>					

Contractor's Signature

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### **DECLARATION**

I / We hereby declare that I / We have 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.

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 or condition shall make this Tender invalid.

I/We confirm that the Sales Tax, Excise Duty, Octroi, Works Contract Tax and any other statutory levies / taxes / cess as applicable are included in the rates quoted.

I/We understand that the Service Tax along with education cess and secondary & higher education cess as applicable to this works contract shall be reimbursed on production of proof of payment to the concerned authority.

The rates are inclusive of installation and commissioning of the work and delivery of the material at the site.

**Date :** \_\_\_\_\_

**SIGNATURE OF TENDERER WITH SEAL**

Contractor's Signature

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## WEEKLY PROGRESS REPORT

**Weekly Progress Report**

**WEEK-**

**Date of REPORT**

1	Client ID No :	
2	Name of Work :	
3	Project Address :	
4	Name of Client :	
5	Date of Start as per work order :	
6	Name of Project Manager :	
7	Actual Date of Start :	
8	Scheduled date of completion :	
9	Name of Contractor	

Sr. No.	ITEMS	QUANTITY AS PER TENDER	QUANTITY EXECUTED TILL DATE	Remarks
1	<u>Procurement of Materials</u>			
2				
3				

Contractor's Signature

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4				
5	<b>Status of Miscellaneous Items. Tick whichever is completed</b>			
	r a			
	r b			
	r c			
	r d			
	r Other (specify)_____			

Contractor’s Signature

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**LIST OF DRAWINGS**

<b>Sr. No.</b>	<b>Subject</b>	<b>Drawing</b>
<b>01</b>	<b>Fire fighting layout</b>	<b>UTIITSL/MCA/Mum/01</b>

Contractor's Signature

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