



**STATE BANK OF INDIA, PREMISES & ESTATE DEPARTMENT, LOCAL HEAD OFFICE
PATNA CIRCLE**

GEM BID NO.: GEM/2025/B/6357687

DATED:18.06.2025

TENDER NOTICE FOR

**SITC (SUPPLY, INSTALLATION, TESTING AND COMMISSIONING) FOR
UPGRADATION / REVAMPING OF EXISTING FIRE HYDRANT SYSTEM OF LOCAL
HEAD OFFICE BUILDING, STATE BANK OF INDIA, WEST GANDHI MAIDAN, PATNA,
THROUGH GeM PORTAL**

TENDER PROCESS SCHEDULE

Activity	Date and Time
Date of Issue of Tender	18/06/2025
Last date for submission of the Bid	10/07/2025 up to @ 1500hrs
Date and Time of Opening of Technical Bid	10/07/2025 @ 1530hrs
Date and Time of Opening of Financial Bid	To be communicated later to the technically qualified bidder through e-mail
Date and Time of reverse auction	To be communicated later to the technically qualified bidder through e-mail

**ADDRESS FOR COMMUNICATION
ASSISTANT GENERAL MANAGER (P&E),
PREMISES & ESTATE DEPARTMENT,
8TH FLOOR, SBI, LOCAL HEAD OFFICE,
GANDHI MAIDAN (WEST), PATNA – 800001
Tel Ph: - 0612 2820 341**

E- mail: agmpe.lhopat@sbi.co.in & CC to fo.lhopat@sbi.co.in

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PART-1 (TECHNICAL BID)

SECTION-1

GENERAL INFORMATION

1.1 State Bank of India, Local Head Office, Patna, inviting tender for SITC for upgradation / revamping of existing fire hydrant system of Local Head Office Building, State Bank of India, West Gandhi Maidan, Patna. Interested parties may apply through GeM Portal only. Duly completed applications in the prescribed format with required documents etc. should be submitted on or before due date.

1.2 The Bank may reject any or all application/ incomplete applications, even though the firms primarily satisfy the Pre-qualification criteria. The Bank reserves the right to cancel the tendering process without giving any reasons at any stage. Bank's decision in this regard shall be final and binding on all concerned.

1.3 Errors and Omissions: Each bidder shall notify the Bank of any error, omission, or discrepancy, if any, found in this Tender Document.

1.4 Acceptance of Terms: The bidders will, by responding to the Bank's Tender Document, be deemed to have accepted the terms as stated in this Tender Document.

1.	Name of Work	SITC (Supply, Installation, Testing and Commissioning) for upgradation/revamping of existing fire hydrant system of Local Head Office Building, SBI, West Gandhi Maidan, Patna.
2.	Scope of Work	Layout of new aboveground firewater network line wherever feasible and new underground firewater network line in some areas where there is obstruction due to roads/structure, Extension of wet risers up to 8 th floor to 9 th & 10 th floor, Inter Connectivity of overhead water storage tank along with terrace pump, installation of Automatic Electrical panel of LHO building. Extension of Fire hydrant line network of LHO building towards all the four sides of Patna Main Branch building. Supply, Fabrication, Erection, Testing and Commissioning and establishment of guaranteed performance parameters.

3.	Time allowed for completion	Two (02) Calendar months from the date of letter of Intent (LOI)/placing work order.
4.	Price Basis	Firm Prices inclusive of all duties and taxes, GST extra as applicable. No escalation other than statutory variations for the items listed in Schedule of Quantities.
5	Availability of tender documents	Tender documents to be downloaded from the Bank website www.sbi.co.in under the "SBI in the News> Procurement News". Tender documents to be downloaded from the GeM portal from 18.06.2025 to 1500 hrs on 10.07.2025.
6	Estimated Cost	Rs 54,80,000/- approximately (all inclusive)
7.	Earnest Money Deposit (EMD)	Rs.54,800/- in the form of DD/BC in favour of AGM (P&E), State Bank of India, LHO payable to Patna, to be prepared and uploaded online and the original physical copy to send at the Assistant General Manager (P&E), State Bank of India, 8th Floor, LHO, West Gandhi Maidan, Patna - 800001. The MSEs are exempted from payment of earnest money, subject to furnishing of relevant valid certificate for claiming exemption.
8.	Initial Security Deposit (ISD)	Rs.54,800/- in the form of DD/BC in favour of AGM (P&E), State Bank of India, LHO payable to Patna, to be submitted within 7 days of acceptance of tender.
9.	Security Deposit (SD)	5% (Less EMD + ISD) of the final contract value in the form of BG issued by any Scheduled Bank other than SBI in the form of DD/BG (Interest free) in favour of AGM (P&E), State Bank of India, LHO payable to Patna, should be submitted while issuing of the work order. 5% (Less EMD+ISD) will be deducted from contractors' bills. 50% of Security Deposit will be refunded after satisfactory completion of work and the balance 50% will be refunded after defect liability period provided no defects has been noticed in the executed work.
10.	Additional Security deposit (ASD)/Additional performance Guarantee (APG)	ASD / APG shall be applicable if the bid price is below 10% of the estimated cost put to tender.

		<p>The amount of such ASD/ APG shall be the difference between 90% of estimated cost put to tender and the quoted price.</p> <p>ASD in the format of DD / Banker's Cheque / Bank Guarantee shall be submitted within 15 days of intimation of award of work / work order, without which the contractor will not be allowed to start the work and failure of submission of ASD will result in forfeiture of EMD and cancellation of tender.</p>
11.	a) Availability of application, from:	a) 18/06/2025
	b) Last date & time of submission of application:	b) 10/07/2025 up to @ 1500hrs
	c) Date & time of opening:	c) 10/07/2025 @ 1530hrs Representative of bidders may be present during opening of Bids. However, bid would be opened even in the absence of any or all the bidder's representatives.
	d) Tentative Date of reverse auction:	d) 12/07/2025 @ 1200hrs if any change in date will be informed by email.
12.	Authority for Opening Tender	AGM (P&E)/Authorized Officials of State Bank of India, LHO, Patna.
13.	Defects Liability Period	12 Months (Twelve Months)
14.	Validity of offer	3 Months from the date of e-reverse auction
15.	Liquidated Damages:	0.5 % per Week Subject to Maximum of 5% of Contract Value.
16.	Eligible Taxes/ Deductions:	<p>Income Tax will be deducted at source as per Govt. Guidelines. Reimbursement of GST will be made only on submission of proper GST invoice as per applicable GST provisions/Rules. The contractor should comply with the following:</p> <p>Contractor should have GST Registration Number. Invoice should specifically/separately disclose the amount of GST levied at applicable rate as per GST provisions/Rules. In case of Correction in the bills after scrutiny, contractor should submit fresh bills for payment.</p> <p>Contractor should timely file his GST return in accordance with GST provisions to enable the bank to claim the credit of GST paid to the</p>

		contractor. The GST Number of State Bank of India LHO Patna is 10AAACS8577K2Z3																																								
17.	Mode of Payment	Electronic mode of payment shall be preferred. The contractor shall have to furnish their bank account details with Branch Name, Branch Code, IFSC and account no. along with the bill.																																								
18.	Methodology to Calculate Final Rates of the items.	<p>The final rates of the items will be calculated in the ratio of total amount quoted by the lowest bidder through the e-reverse auction process and the amount quoted in the online indicative price bid. The example is as under: The total amount quoted by the bidder in indicative price bid in online e-reverse auction is Rs. 2000 and the item wise rates are as under:</p> <table border="1"> <thead> <tr> <th>Item</th> <th>rate</th> <th>Qty</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>100</td> <td>2</td> <td>200</td> </tr> <tr> <td>B</td> <td>200</td> <td>3</td> <td>600</td> </tr> <tr> <td>C</td> <td>300</td> <td>4</td> <td>1200</td> </tr> <tr> <td></td> <td></td> <td>TOTAL</td> <td>2000</td> </tr> </tbody> </table> <p>If the final amount quoted by the bidder through e reverse auction is Rs. 1600/- then the K factor for the L-1 bidder will be 0.80 (1600/2000) and the item wise final rates to be confirmed by the bidder shall be as under:</p> <table border="1"> <thead> <tr> <th>Item</th> <th>rate</th> <th>Qty</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>100 X 0.8</td> <td>2</td> <td>160</td> </tr> <tr> <td>B</td> <td>200 X 0.8</td> <td>3</td> <td>480</td> </tr> <tr> <td>C</td> <td>300 X 0.8</td> <td>4</td> <td>960</td> </tr> <tr> <td></td> <td></td> <td>TOTAL</td> <td>1600</td> </tr> </tbody> </table>	Item	rate	Qty	Amount	A	100	2	200	B	200	3	600	C	300	4	1200			TOTAL	2000	Item	rate	Qty	Amount	A	100 X 0.8	2	160	B	200 X 0.8	3	480	C	300 X 0.8	4	960			TOTAL	1600
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19.	Rate quoted by the bidders shall remain firm throughout the contract period (including authorized extension). Rate quoted shall be inclusive of all, duties, levies, royalties & other incidental /other industrial charges etc. However, GST as applicable shall be paid extra by the Bank as per actual.																																									
20.	Digital Signature	You are advised to obtain digital signature at the earliest (if you do not already have) as it is mandatory.																																								

21.	Agency for Arranging Online Bidding (Indicative Price bid and e- Reverse Auction)	Through GeM Portal
22.	Name of Bank's Engineer for any Clarification.	Fire Officer, Mob No. - 7736349846 / Email id: fo.lhopat@sbi.co.in
23.	Deduction for poor workman ship / defective materials	An equitable deduction to correct the poor workmanship or replacement of materials / equipments at risk of Vendor.
24.	All payments will be made at	SBI LHO, Patna
25.	Jurisdiction	Patna
26.	Terms of Payment	<p>No advance is payable.</p> <p>Stage Payments</p> <p>a) 95% of the contract price shall be paid after successful supply, installation, testing and commissioning at site and verified by Fire Officer/Civil Engineer/Bank Authorized Official.</p> <p>b) Remaining 5% shall be paid after completion of successful warranty period i.e., 12 months.</p> <p>Note: -</p> <p>a) Payment will be made as per actual material used at site.</p> <p>b) Work awarded Vendor shall have to do necessary Drawings, designs as per actual site conditions & get the actual BOQ approved before supplying the Material.</p> <p>c) Necessary Test Certificates would have to be Produced with Material.</p>
27.	Inspection	As per site requirement.
28.	Fire NOC from local authority	It will be in Vendor's scope to prepare the list of required documents which will be required to obtain NOC from the Local Fire Brigade / Municipal Corporation department with all required liaisons.
29.	Test Certificates	Manufacturer's test certificates for engine, pumps, Electrical panels, equipment's etc. Wherever applicable on demand of Employer / Bank.
30.	Insurance	Worker Insurance Policy for Vendor's men, material in transit and third-party insurance to be arranged by Vendor.



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31.	Power and Water supply	The Employer shall arrange the power and water for erection and commissioning at one or two single point free of cost, further distribution, and safe drawl to be arranged by Vendor. Electrical Safety device such as ELCB, MCB, RRCB etc to be provided before making connection.
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Note:

Mode of Submission of Tender: The tender shall be submitted in online through GeM portal in accordance with the procedure detailed herein below. Specified documents shall be sealed in envelopes of appropriate size each of which shall be sealed.

1. Envelope shall contain Earnest Money Deposit (EMD) only with Covering Letter in hard copy should be submitted in the office of the Assistant General Manager, State Bank of India, Premise & Estate Dept., 8th Floor, Local Head Office, Gandhi Maidan (West), Patna, Bihar – 800001.

2. Online uploading of signed and scanned copies of all pages of Technical Bid, all other documents mentioned above, EMD DD and price bid is to be submitted online.

The envelope containing the tender documents as per instructions mentioned above shall be submitted in the office of the **Assistant General Manager, State Bank of India, Premises & Estate Dept., 8th Floor, Local Head Office, Gandhi Maidan (West), Patna, Bihar – 800001.**

The Envelope should be superscribed **“EMD for SITC for upgradation/revamping of existing fire hydrant system of LHO Building, Patna”**. Envelope marked Technical Bid containing Earnest Money Deposit along with Covering Letter and all other documents, will be opened if the Earnest Money Deposit and all other tender document is not found as prescribed, the tender shall be rejected. In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time. SBI has the right to accept/ reject any or all tenders without assigning any reasons.

On behalf of State Bank of India

SECTION-2

INSTRUCTIONS TO THE BIDDERS AND GENERAL TERMS & CONDITIONS

Assistant General Manager (P&E) on behalf of State Bank of India, invite tender for SITC for Upgradation / Revamping of existing fire hydrant system of SBI LHO Building, Patna through GeM Portal.

1.0 MODE OF SUBMISSION OF TENDER:

Technical Bid: to be uploaded online and shall contain covering letter, technical and commercial terms & conditions and Tender document of all pages duly stamped and signed along with necessary attachments including a copy of EMD.

- a) **Price Bid: Indicative price-bid to be uploaded online** and shall be opened on the date and time as stipulated in the tender.
- b) On declaration of indicative price bid, base price will be decided by the Tender Committee and online e- Reverse Auction will be carried out.
- c) In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time.
- d) **State Bank of India has the right to accept/reject any or all the tenders without assigning any reasons thereof.**
- e) For any other queries, the vendors may contact the **Fire Officer located at the office of Premises & Estate Department, Patna** through fo.lhopat@sbi.co.in or Mob: 7736349846.
- f) **Site and its Location:** The proposed work i.e., SITC for Upgradation / Revamping of existing fire hydrant system is to be carried out at the **SBI, LHO, West Gandhi Maidan, located at Patna PIN- 800001, Bihar.**

2.0 SCOPE OF WORK

- a) The tender under reference covers SITC for Upgradation / Revamping of existing fire hydrant system of SBI LHO Building, Patna, in which Layout of new aboveground firewater network line wherever feasible and new underground firewater network line in some areas where there is obstruction due to roads/structure, Extension of wet risers up to 8th floor to 9th & 10th floor, Inter connectivity of overhead water storage tank along with terrace pump,

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installation of Automatic Electrical panel of LHO building. Extension of Fire hydrant line network of LHO building towards all the four sides of Patna Main Branch building in all aspect as per the Notice inviting Tender, Conditions of contract, Technical Specifications, Technical Drawings & Schedule of Work and as per the direction & satisfaction of the Bank's Engineer.

Fire NOC from local authority: It will be in Vendor's scope to prepare the list of required documents which will be required to obtain NOC from the Local Fire Brigade / Municipal Corporation department with all required liaisons.

3.0 TIME FOR COMPLETION OF WORK

Time is the essence of the contract.

- a) The Vendor shall complete in all respects in accordance with the Contract, the entire work at each job site within the time specified. The time schedule/period for total work completion according to the contract shall be **Two Calendar Months from the date of placing work order** or handing over of the site whichever is later.
- b) The date of commencement of work will be reckoned from the date of issue of work order to the concerned L1 vendor/contractor. Duration of 14 days may be awarded to the concerned L1 vendor/contractor for the preparation of ground work.
- c) **Extension of Time:** If, in the opinion of the Employer, the work be delayed for reasons beyond the control of the contractor, Bank to grant a fair and reasonable extension of time for completion of work as per the terms of contract. If the contractor needs an extension of time for the completion of work or if the completion of work is likely to be delayed for any reasons beyond the due date of completion as stipulated in the contract, the contractor shall apply to the Employer in writing immediately and while applying for extension of time he shall furnish the reasons in detail and his justification if any, for the delays. While granting extension of time the contractor shall be informed the period extended time which will qualify for levy of liquidated damages. For the balance period in excess of original stipulated period and duly sanctioned extension of time by the Employer the provision of liquidated damages as stated under clause 8 of GCC shall become applicable.
- d) The term "Force Majeure" as employed in this contract shall mean wars (declared or undeclared) or revolutions, civil wars, tidal waves, fires, major floods, earthquakes, epidemics, pandemic, quarantine restrictions and freight embargoes and transporters strike affecting the country

4.0 FIRM PRICE

The price should be firm and irrevocable and not subject to any change till the completion of the Scope of Work.

5.0 TAXES & DUTIES

All taxes and duties other than GST shall be included in the basic rate. GST shall be quoted separately as per the Schedule of Work.

6.0 EARNEST MONEY DEPOSIT

EMD of **Rs. 54,800/-** in the form of Demand Draft / Banker's Cheque issued by Scheduled Commercial Bank and to be submitted to the AGM (P&E), SBI, LHO, Patna. Earnest Money deposit (EMD) is exempted for agencies registered under NSIC or coming under the definition of Micro and Small Industries and holding valid registration certificates covering the tendered items/services. Declaration of Udyog Aadhar Memorandum (UAM) by the MSE parties on Central Public Procurement Portal (CPPP) shall be mandatory. However, attested/Notarised copy of valid NSIC certificate or "Micro and Small" industry certificate should be submitted in this regard.

As soon as the work is awarded or after scrutiny of the tenders and ascertaining the correct position of tenderers, the EMD of all unsuccessful contractors shall be returned to the contractors.

The EMD of the successful tenderer shall be forfeited in case the contractor refuses to accept the work order or if he fails to commence the work awarded to him within the prescribed or extended time limit or if he does not remit the initial security deposit within the prescribed time.

7.0 SECURITY DEPOSIT

- a) On acceptance of the Bid, Bidder shall within fifteen (15) days, deposit with SBI an Initial Security Deposit of **5% of the Contract value** (i.e., order value excluding taxes) and the same shall be in any of the following form:
 - i. Bank draft drawn in favour of AGM (P&E), LHO, State Bank of India, payable to Patna of any Scheduled/Nationalized Bank or
 - ii. Bank Guarantee executed by any Nationalized/Scheduled Bank **other than SBI** as per Performa enclosed.
- b) If the Bidder fails to provide the Security Deposit within the period specified, such failure will constitute a breach of the Contract and SBI shall be entitled to award the work elsewhere at Supplier's risk and cost. The EMD of the bidder to whom Contract was awarded, shall be forfeited.

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- c) No interest shall be payable against the Security Deposit.
- d) Wherever the Security Deposit / Retention Money is furnished by Bidder in any form other than in cash or Demand Draft, the Bidder shall be entirely responsible to keep such form of Security Deposit enforceable by extending the validity thereof. Before one month of date of expiry the bidder to keep them enforceable, until released by SBI after the Defect Liability Period (i.e., 12 months).
- e) The Security Deposit / Retention Money shall remain at the entire disposal of SBI as a security for satisfactory execution and completion of the work(s). SBI shall be at liberty to deduct and appropriate from the Security Deposit / Retention Money such damages (liquidated or otherwise) and other dues and recoveries from Bidder under this Contract and the amount by which Security Deposit / Retention Money is reduced by such appropriations, will be made by further deductions from Bidder's subsequent bills to that extent as to make up the Security Deposit / Retention Money.
- f) On due and satisfactory performance of all the obligations of Bidder under this Contract including completion of work in all respects, carrying out the obligations of Bidder during Defect Liability Period, Security Deposit shall be released by SBI subject to recoveries, deductions, and retentions there from as provided under the Contract.

8.0 ADDITIONAL SECURITY DEPOSIT (ASD) / ADDITIONAL PERFORMANCE GUARANTEE (APG)

- i. ASD / APG shall be applicable if the bid price is below 10% of the estimated cost put to tender.
- ii. The amount of such ASD/ APG shall be the difference between 90% of estimated cost put to tender and the quoted price.
- iii. ASD in the format of DD / Banker's Cheque / Bank Guarantee shall be submitted within 15 days of intimation of award of work / work order, without which the contractor will not be allowed to start the work and failure of submission of ASD will result in forfeiture of EMD and cancellation of tender.

9.0 PAN, GST REGISTRATION, ESI, PF REGISTRATION:

Bidders are required to submit PAN, GST registration, Provident Fund Registration and ESIC along with Un-priced part of their offer, failing which their offer may be liable to be rejected.

10.0 TENDER DOCUMENTS

Tender Documents comprises of two parts viz. **Part-I (Un-priced)** and **Part-II (Priced)**. The Un-Priced Part consists of EMD, Notice Inviting Tender, Conditions of Contract, Technical Specification and Drawings. The Priced Part consists of Price Schedule. Bidders are requested to read all the terms and conditions mentioned in the tender document and seek clarification if any, from Fire Engineer on e-mail: fo.lhopat@sbi.co.in

11.0 SUPPLY OF MATERIAL

- a) All materials required for the work shall be supplied by the Vendor. In addition, all materials required for temporary and enabling work shall be arranged and provided by the Vendor. All incidental expenses, loading, unloading, transportation, handling etc. shall be the responsibility of the Vendor and cost towards such expenses should be included in the finished item rates.
- b) All other materials, as required to complete the work in all respects according to the contract rates shall be inclusive of all freights, and other taxes, duties, loading, unloading, transporting, handling and storage charges etc. GST will be paid extra as applicable.

12.0 SITE INSPECTION

The intending bidders shall be deemed to have visited the site and familiarized themselves thoroughly with the site conditions before submitting the tender. Non-familiarity with the site conditions will not be considered reason either for extra claims or for not carrying out the work in strict conformity with the drawings and specifications.

13.0 INSTALLATION, TESTING, COMMISSIONING & TRAINING

The installation, testing and commissioning of fire hydrant system shall be carried out by the competent Engineers/technicians of the Bidders at the work site. After commissioning, the successful bidder's engineer / technician shall impart necessary training to SBI's personnel in operating and maintaining the installed fire hydrant system. No separate charge shall be payable by the SBI for the said purpose.

13.1 TESTING & INSPECTION

- a) All materials required for the execution of the work should be new and should conform to applicable standard specifications and verified by the consultant and then approved by the Bank's Engineer before actually put to use. Commencement of work without prior approval shall be entirely at the risk and cost of the Vendor. No delay due to non-availability of the materials, tools, equipment etc. will be entertained by SBI. In the case

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of certain Machinery /Equipment, the Bank's Engineer may inspect the item for approval before they are brought to the site.

- b) The SBI shall be entitled at all times at the risk of the Vendor to inspect and/or test by themselves or through any independent person(s) or agency (ies) appointed by the SBI and/or to direct the Vendor to inspect and/or test all material(s), items and components whatsoever supplied or proposed for supply, for incorporation in the work inclusive, during the course of manufacture or fabrication by the Vendor and/or at the Vendors work or otherwise, such materials or items or components. The inspection and/or test shall be conducted at the expense of the Vendor and if conducted by the Vendor may be directed by the SBI to be conducted by agency (ies) nominated by SBI and/or in the presence of witness (ess) nominated by the SBI.
- c) The Vendor shall furnish to the Bank's Engineer for approval when requested or as required by the specification or other contract documents, adequate samples of material intended for incorporation in the works. Such sample to be submitted before the work is commenced permitting sufficient time for tests, examination(s) thereto by the Bank's Engineer. All materials furnished and incorporated in the work shall conform to the sample(s) in all respects.
- d) The Bank's Engineer shall be entitled to reject at any time any defective materials, item, or components, (including specially manufactured or fabricated items or components) supplied by the Vendor for incorporation in the works.
- e) The Vendor shall at all times ensure highest standard of workmanship, relating to the work to the satisfaction of the Bank's Engineer. The Bank's Engineer shall have the power to inspect the work as also to test or instruct the Vendor to test the works or any structure, material, or component thereto at the risk and cost of the Vendor, either by the Vendor or by any agency(ies) nominated by the Bank's Engineer or Site Engineer on his behalf.
- f) The Vendor shall provide all facilities; instruments / material / labour and accommodation required for testing the works (including checking the set time out of work) and shall provide Bank's Engineer all assistance necessary to conduct the test whenever and wherever required.
- g) The Bank's Engineer, on inspection or test if not satisfied with the quality of workmanship of any work, structure, material, component (decision of the Bank's Engineer being final on Bank's behalf), the Vendor shall re-perform, replace, re- install and / or re-erect as the case may be such work, structure material or component, as no such rejected work, structure, material, item or component shall be re-used without the prior permission of Bank's Engineer.

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- h) Notwithstanding any provided in the foregoing clauses hereto and notwithstanding the Bank's Engineer/ or his representative has inspected tested and/or approved any particular work, structure, material or component, such inspection, test or approval shall not absolve the Vendor of his full responsibilities under the contract inclusive or relative to the specification, performance guarantee. The said inspection and test procedure being intended basically for satisfaction of the SBI / prima-facie erection and/or material and equipment supplied for incorporation in the work is in order.
- i) On no account, shall the Vendor proceed with the covering up or otherwise placing beyond reach of inspection or measurement any work before necessary inspection, entries are filled in the Site Inspection Register by the Bank's Engineer or his authorized representative. If the Vendor do so the same, it shall be uncovered at the Vendor's risk and expense for carrying out the inspection and measurement.
- j) If any tests are required to be carried out in connection with the work or materials or workmanship not supplied by the Vendor, such tests shall be carried out by the Vendor as per the instructions of Bank's Engineer and cost of such tests shall be reimbursed by the SBI.
- k) The SBI reserves the right to inspect the Equipment at Bidder's works by them or through a third party nominated by the SBI. Bidders will provide all assistance to SBI's inspector in carrying out such inspection at Bidder's works free of any charges.

14.0 NON-CONFORMANCE

Non-conformance to the terms & conditions and requirements mentioned in the tender are liable to be rejected.

15.0 VALIDITY OF OFFER

The validity of the offer is for a period of **90 days** from the date of e-reverse auction.

16.0 QUANTITY VARIATION

The quantity as mentioned in the Schedule of Work/ Price Bid is indicative. The selected bidder/Vendor shall however ascertain the exact quantity required at site and subsequently supply and install accordingly. As the work progresses, it is possible that there will be quantity variations to any extent & omission of items. Under all such circumstances, the rates should remain firm.

17.0 LIQUIDATED DAMAGE

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- a) If the Vendor is unable to complete the jobs specified in the scope of work within the period specified in NIT, it may request SBI for extension of the time with unconditionally agreeing for payment of LD. Upon receipt of such a request, SBI may at its discretion extend the period of completion and shall recover from the Vendor's running account bill, as an ascertained and agreed Liquidated Damages, a sum equivalent to **0.5%** of basic contract value for each week of delay or part thereof. The LD shall be limited to **5%** of the total basic contract value.
- b) Notwithstanding what is stated in Clause above, the SBI shall have the right to employ any other agency to complete the remaining work at the risk and cost of the Vendor, in the event of his failing to complete the work within the stipulated time or in the even progress of Vendor's work is behind schedule, as judged by the Bank's Engineer.
- c) Then the Bank's Engineer upon receiving necessary approval from competent Authority may in writing make a fair and reasonable extension of time for completion of the works as per provision of tender, provided further that the Vendor shall constantly use his best endeavour to the satisfaction to proceed with the works. Nothing herein shall prejudice the rights of the Vendor under clause herein above.

18.0 TERMS OF PAYMENT

- a) **No advance payment** shall be paid to the Vendor.
- b) 95% of the contract price shall be paid on successful supply, install, testing and commissioning at site and verified by Fire Engineer/Civil Engineer/Bank Authorized Official.
- c) 05% against after completion of warranty period of one year.
- d) Final payment shall be released based upon the measured final installed quantity only.

19.0 ARBITRATION

Any dispute or difference arising under this Contract shall be referred under jurisdiction of Patna to a sole arbitrator to be appointed by the SBI and the provisions of Arbitration and Conciliation (Amendment) Act, 2015 including any statutory modifications or enactment thereof shall apply to the Arbitration proceedings. The fees of the arbitrator, if any, shall be shared equally by both the parties. The award shall be a speaking award stating reason therefore and is final & binding on the parties. The proceeding shall be conducted in English language and courts at Patna will have exclusive jurisdiction to settle any dispute arising out of this contract.

20.0 RATES AND OTHER ENTRIES

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- a) The bidders should quote rates for all items in the Schedule of Rates. If there is any discrepancy between unit rate and total amount, the unit rate shall prevail.
- b) The rates should be quoted in the same units as mentioned in the Tender Schedule of Quantities.
- c) All the entries in the Tender documents should be either typed or written in ink. Corrections if any should be attested by full signature of the bidders.
- d) Every page of the tender document including annexure/enclosures shall be stamped and signed by the bidders or his authorized representative thereby indicating that each and every page has been read and the points noted.

21.0 RIGHT TO ACCEPT OR REJECT TENDER

- a) SBI reserves the right to accept or reject any or every tender without assigning any reason whatsoever / or to negotiate with the bidders (s) in the manner it considers suitable. In the event of receipt of lowest price from more than one (1) bidder, fresh price bids shall be invited from the lowest bidders only to determine final lowest bidder for placement of the order.
- b) Bids of any bidders may be rejected if any conflict of interest between the bidder and SBI is detected at any stage.
- c) All the bids will be evaluated based on criteria as mentioned in this NIT. Tenders of those bidders who do not meet the criteria will not be considered for commercial evaluation.
- d) Tender if submitted through e-mail or fax shall be summarily rejected.
- e) Clarifications/exceptions/deviations to the tender terms & conditions and specifications:
 - SBI expects Bidders to confirm compliance to tender terms & conditions and specifications, failing which the Bidders are liable to be rejected. Hence all Bidders in their own interest are advised to submit their bids in all respects confirming to all the terms & conditions of the bid document.
 - Bids shall be evaluated based on the information/documents available in the bid. Hence Bidders are advised to ensure that they submit appropriate and relevant supporting documentation along with their proposal in the first instance itself. Those participants who do not comply with the requirements of documents stipulated in the tender will be rejected without any further opportunity.

22.0 INSURANCE

Vendor shall at his own expense carry out and maintain insurance with reputable companies to the satisfaction of the SBI as follows:

- a) Employee's Compensation and Liability Insurance.
- b) Vendor shall obtain Workmen Compensation policy in his name in respect of Vendor's employees to be engaged for the work towards compensations as admissible under the Employee's Compensation Act, 1923 and under the Rules framed, upon death/ disablement and medical treatment of a worker and the same has to be produced to the Bank's Engineer before start of the work. SBI should be mentioned as the Beneficiary.

23.0 WORK DURING NIGHT AND HOLIDAYS

Subject to any provision to the contrary contained in the contract no permanent work shall save as herein provided be carried on during the night or holidays without the permission in writing of Architect/ consultant /SBI, save when the work is unavoidable or absolutely necessary for the saving of life of property or for the safety of the work in which case the contractor shall immediately advise the Architect/ consultant. However the provisions of the clause shall not be applicable in the case of any work which becomes essential to carry by rotary or double shifts in order to achieve the progress and quality of the part of the works being technically required/ continued with the prior approval of the Architect/ consultant/SBI at no extra cost to the SBI.

Any work to be carried out at night, shall be carried out without unreasonable noise and disturbance, after obtaining approval from the competent authorities.

24.0 AGREEMENT

The shortlisted bidder will have to enter into an agreement with the bank as per the terms & conditions mentioned in this tender document including with any modification or changes which if need felt, may be added later during the time of execution of agreement between the bidder and the bank.

25.0 INFORMATION SECURITY

The bidder must not share any data which comes to his knowledge, on account of this agreement, with outsiders without explicit & case specific approval of the bank.



SECTION-3

ANNEXURE – A

APPLICATION FORM

TO BE FILLED AND SUBMITTED BY APPLICANT

(Please fill properly in English)

S. No.	Particular	Details
1.	Name of the Applicant / Organization	
2.	Full Postal Address of Firm	
3.	Contact Details	(i) Phone No. : (ii) Mobile No : (iii) Email ID :
4.	Name of the Proprietor/ Partners / Directors of the organization / firm Enclose certified copies of the document as evidence.	
5.	Name/s of authorized signatory with designation	1. Name: Designation: 2. Name: Designation:
6.	Mode of Authorization.	Resolution/Partnership Deed/Registered Power of Attorney/Proprietor/Any Other (Please specify)

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	Enclose certified copies of document as evidence.	
7.	Banker's Details (i) Banker's Name (ii) Full Postal Address (iii) Telephone No (iv) Account No. (v) Type of Account	Please enclose photocopy of Cancelled Cheque as evidence
8.	PAN No. (Income tax) Enclose certified copies of the document as evidence	
9.	GST No. Please enclose documentary evidence.	Yes/No If Yes, GSTIN:

Declaration:

- a) I/We have read and understood the notice inviting tender including this application form along with all Annexure and certify that my/our firm fulfil the eligibility criteria for empanelment described in the notice.
- b) I/ We hereby confirm and certify that the information given above is correct and true and the enclosures annexed herewith are genuine to the best of my/our knowledge.
- c) I/ /We are authorized to sign and submit these documents for tendering purpose.
- d) I/We understand that if at any stage, it is found/noticed by the Bank that any information thus provided by us is untrue/incorrect partly or fully and in case of receipt of adverse/unsatisfactory report from other clients/Bankers, the Bank may not consider our application and/or may de-list us and/or may take any appropriate action against us.
- e) I/We also understand that partly/wrongly filled application and/or applications not on Prescribed pro-forma and/or applications not accompanying relevant documents/ Enclosures/annexure are liable to be summarily rejected by the Bank.



STATE BANK OF INDIA, PREMISES & ESTATE DEPARTMENT, LOCAL HEAD OFFICE
PATNA CIRCLE

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- f) I/We understand that this is merely an application & does not entitle us to be necessarily pre-qualified by the Bank and Bank reserves the right to reject all and/or any application without assigning any reason whatsoever.

SEAL OF THE FIRM

(SIGNATURE OF THE AUTHORIZED SIGNATORY)

PLACE :

NAME :

DATE:

Note: To be filled and uploaded by applicants as Annexure - A

SECTION-4

ANNEXURE - B

PRE-QUALIFICATION CRITERIA

Bidders/applicants meeting the following criteria are eligible to submit their Bids along with supporting documents. **If the Bid is not accompanied by all the required documents supporting eligibility criteria, the same would be rejected:**

S. No.	Criteria	Qualification	Supporting Documents to be uploaded by applicant
1.	Annual turnover during each of the three years ending 31 March 2024. 2021-2022 2022-2023 2023-2024	The bidder should have an average turnover of Rs. 110 lakh and above during last 03 Financial Years ending 31 March 2024 . The applicants should be in the same field of business of installation and maintenance of Fire Hydrant system and should also be presently in same business. AND The company should be in profit during the last 03 consecutive years.	Attested photocopies of the last 03 years ITRs and certificate from Chartered Accountant on his letter head showing Profit & Loss and turnover Statement. Submit copies of audited balance sheets / IT returns, form 26AS for the years and all relevant certificates as documentary evidence.
2.	Solvency Certificate	The Solvency Certificate of minimum Rs 16.44 lakhs certified by a Scheduled bank and should have been issued not more than 6 months older from the last date of submission of application.	Solvency Certificate from any Scheduled Commercial Bank in India. Copies of all relevant certificates.
3.	Working Experience of the bidder	The bidder should be in the business of SITC of Fire Hydrant System during last seven (7) years as on 31/03/2025 , and should be presently engaged in field of supply, installation, testing, commissioning (SITC), maintenance and repair of Fire Hydrant System. AND	Documentary proof should be provided in support of experience like order copy/contract copy and installation certificate/satisfaction completion certificate from client.

		<p>The bidder should presently have at least 3 AMC of Fire Hydrant System at building including Govt. Departments / Public Sector Undertaking / / Banks / Insurance companies/ Reputed Corporate Offices / Reputed Industries/ Schools/ Colleges etc.</p>	
<p>4.</p>	<p>Value of Works attended to as described.</p>	<p>The Bidder should have successfully completed similar work (SITC of Fire Hydrant System) over the last three (03) years i.e., the current financial year and the last three financial years (ending month of March prior to the bid opening) as detailed below in Govt Departments/ PSUs /Banks / Insurance companies/ Reputed Corporate Offices / Reputed Industries/Schools/Colleges: -</p> <p>a. Three similar single work order completed works each costing not less than Rs. 21.92 lacs i.e., not less than 40% of the estimated cost.</p> <p>or</p> <p>b. Two similar single work order completed works each costing not less than Rs. 27.40 lacs i.e., not less than 50% of the estimated cost.</p> <p>or</p> <p>c. One similar single work order completed works costing not less than Rs. 43.84 lacs i.e., not less than 80% of the estimated cost.</p>	<p>Submit following details of only those works which are required to fulfil the above work experience PQ criteria:</p> <p>a) Name, address, and contact nos. of client.:</p> <p>b) Work order reference and details (Submit copy of work order):</p> <p>c) Order Value:</p> <p>d) Date of start of work:</p> <p>e) Scheduled date of completion of work:</p> <p>f) A copy of satisfactory Performance Certificate from the client mentioning Fire Hydrant System and date of installation to be submitted.</p>

5.	Own Office	<p>Registration certificate under Shops & Establishment act in any state/UT of India.</p> <p style="text-align: center;">AND</p> <p>Should have an offices/ service centre in any state/UT of India and the Firms must have adequate infrastructure in terms of office, workshop for a minimum period of last 5 years as on 31.03.2025</p>	<p>Registration certificate under Shops & Establishment act in any state/UT of India.</p> <p style="text-align: center;">AND</p> <p>Copy of Property Document / Rent Agreement along with list of technically qualified staff for the job to be executed.</p>
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Note: Documentary evidence like certificates etc. must be furnished against each of the above criteria along with an index. All documents must be signed by the authorized signatory of the bidder. Relevant portions, in the documents submitted in pursuance of eligibility criteria, should be highlighted. **Supporting documents to be uploaded by applicant in relevant order as Annexure B.**

SECTION-5

GENERAL TERMS & CONDITIONS

1.0 DEFINITIONS

The following expressions hereunder and elsewhere in the contract documents used shall have the following meanings respectively assigned to them namely,

1.1 The "SBI/Client" shall mean SBI having its Local Head Office at Patna, Bihar and shall include its successors and assigns.

1.2 The "Project" shall mean "SITC (Supply, Installation, Testing and Commissioning) for Upgradation /Revamping of existing fire hydrant system at State Bank of India, LHO Patna, BIHAR.

1.3 The 'Bank's Engineer'/'Engineer' shall mean the Engineer / Officer authorized by the "SBI" for the purpose of the contract for overall Supervision and Co-ordination of site activity and certification of billing.

1.4 "Contract Price" shall mean the total amount referred to in Article / Price Schedule, subjected however, to any valid adjustments made through the application of relevant contractual provisions herein.

1.5 "Effective Date of the Contract" shall mean the date that the Contract comes into force in accordance with Article.

1.6 "Final Acceptance" shall mean the acceptance by the Purchaser / Client / Employer of the Works in accordance with conditions of Contract & the issue of a final acceptance certificate.

1.7 "Site" shall mean the land upon which the works are to be constructed as specified in the Drawing.

2.0 DETAILS TO BE SUBMITTED ALONG WITH THE TENDER

The tender, as submitted, shall consist of the following:

- a) Soft copy of Un-Priced Tender Document duly filled in, stamped, and signed by the Bidders as prescribed in different clauses of Tender documents. The bid shall only be submitted online as per the format provided by the Agency/Bank. No hard copy of technical bid & priced bid shall be submitted. The price bid file in .xls /.doc format

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(excel /word file) shall be provided, bidder to fill in their item-wise rates, print the excel file, write bidders details, stamp, sign, scan and upload the same.

- b) The Power of Attorney or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the bidder, in original, when the power of attorney is a special "Power of Attorney" relating to the specific tender of SBI only. A Notarised true copy of the "Power of Attorney" shall also be accepted in lieu of the original, if the power of attorney is a general "Power of Attorney". However, photocopy of such Notarised true copy shall not be accepted.
- c) PAN / GST / PF / ESI registration certificates.
- d) Any other documents required as per the terms of this tender.

3.0 PERFORMANCE GUARANTEE:

- a) The **Performance Guarantee/SD** to ensure the performance of the contractor shall be as terms & conditions stipulated in the tender. This deposit shall be held in the form of Bank Guarantee (BG)/Demand Draft (DD) for the like amount, for the period of warranty from the date of commissioning of the system, at Local Head office, Patna. The amount shall stand released to the contractor at the end of the said term, if no bar is placed on such release, in writing, by the monitoring authority of the contract i.e., the AGM (P&E), LHO, SBI PATNA, **on the grounds of proven deficiencies, inability or unwillingness in fulfilling the contractual obligations. In case of any serious deficiency by the contractor in fulfilling the contractual obligations, the Bank shall have the right to forfeit the said deposit either fully or partly, as it deems reasonable.**
- b) The lowest bidder to deposit initial security deposit of **05%** of the contract value in the form of BG issued by any nationalized / scheduled bank other than SBI.
- c) The Vendor shall guarantee that the equipment and workmanship of work done, and any fittings designed / manufactured / supplied by him are as specified in the tender schedule and wherever there is nothing specifically mentioned shall correspond to the best available grade and quality as required for the application.
- d) The Vendor shall also guarantee that the work done, and any fittings designed, manufactured, supplied and erected shall be as per prevailing relevant standard, codes and statutory practices / stipulations.

4.0 WARRANTY: MAINTENANCE DURING WARRANTY PERIOD.

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- a) Warranty / Guarantee shall be comprehensive one, of free replacement of any failed components in the system, except in cases of misuse, relocation, accidents or sabotage. The Vendor will repair and/or replace all defective parts, components / fittings, accessories etc. which shall be notified in writing within the Defect Liability Period, promptly at free of cost. The Vendor will provide similar warranty on the parts, components, fittings, accessories etc. repaired and/ or replaced.
- b) During warranty period of one year, the firm shall **mandatorily** attend to any number of break-down calls without any additional charges with free replacement of spares/accessories/equipment etc. and any break down shall be repaired **within 72 hrs.** Failure on this score may invite penal action.
- c) For this purpose, communication by any means e.g., Letter, Email, SMS, Instant Messages, Mobile Phone Calls etc., which are independently logged will be considered sufficient and the vendor shall have no right to insist on any other form of communication. For all Electronic Forms of communications, the time of sending shall also be considered as time of receipt by the vendor unless the vendor is able to prove delayed receipt of such communication.
- d) Any modification/shifting/extension of the system shall be carried out on chargeable basis.
- e) Any part/equipment required to be replaced shall be genuine and as per relevant BIS specifications or its equivalent, ISI marked and superior quality standards.

4.0 EXTRA ITEMS OF WORK

- a) During execution of the work, should the Vendor come across items of work which are not covered under the Schedule of Rate or not included therein, the Vendor shall draw the attention of the SBI / Bank's Engineer to the same and such items of work shall be treated as extra only with the prior approval of Bank's Engineer in writing. Vendor shall submit a quotation along with the rate analysis for such accepted extra items before he commences work or purchases the materials in connection with such items.
- b) For extra items, rates shall be derived from similar item rates included in the schedule of work. Where there is no such similar item available in the schedule, rate shall be analyzed as follows: Rate for extra item = Cost of material including transportation till site (a) + cost of labour inclusive of all necessary tools, tackles, equipment, machinery, and consumable required to carry out the work (b) + 15% of (a+b) towards profit and overhead + taxes, duties etc.

5.0 RIGHT OF SBI TO TERMINATE THE CONTRACT

- a) SBI shall, at any time, be entitled to determine and terminate the Contract, if in the opinion of the SBI the cessation of the work becomes necessary owing to paucity of

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funds or for any other cause whatsoever, in which case the cost of approved materials at the Site at current market rates as verified and approved by Bank's Engineer and of the value of the work done to date by the Vendor shall be paid for in full as specified in the Contract.

- b) A notice in writing from the SBI to the Vendor of such determination and termination and the reason thereof, shall be the conclusive proof of the fact that the Contract has been so determined and terminated by the SBI. The SBI's decision on the necessity and propriety of such expenditure shall be final and conclusive and binding on the Vendor.

6.0 LABOUR LAWS

- a) No Labour below the age of eighteen (18) years shall be employed on work. In case female workers are engaged, requisite provisions shall be made as per the statute.
- b) Vendor shall not pay less than what is provided under law to laborers engaged by him on work.
- c) Vendor shall at his expense comply with all labour laws and keep SBI indemnified in respect thereof.
- d) In addition to the above, rules and regulations as contained in Contract Labourer (Regulation and Abolition) Act, 1970 will also be applicable for this contract.
- e) Vendor shall secure full safety of the workers / employees engaged by him in the Site premises and shall take at his own cost, insurances, and other such safety regulations for the said purpose.

7.0 HSE REQUIREMENTS BY VENDORS

A. Housekeeping:

- a) Vendors shall ensure that their work area is kept clean, tidy, and free from debris. The work areas must be cleaned on a daily basis. Any disposal of waste shall be done by the Vendor.
- b) All equipment, materials and vehicles shall be stored in an orderly manner. Access to emergency equipment, exits, fire extinguishers, fire hoses, pathway etc. shall not be blocked or disturbed.

B. Confined Space:

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Before commencing Work in a confined space, the Vendor must obtain from SBI a Permit to Work that will define the requirements to be followed. As minimum, the Vendors must ensure the following:

- a) Confined spaces are kept identified and marked by a sign near the entrance(s).
- b) Adequate ventilation is provided
- c) Adequate emergency provisions are in place
- d) Appropriate air monitoring is performed to ensure oxygen is above 20%.
- e) Persons are provided with Confined Space training.
- f) All necessary equipment and support personnel required to enter a Confined space is provided.

C. Tools, Equipment and Machinery:

- a) The Vendor must ensure that all tools & equipment provided for use during the Work is: Suitable for its intended use.
- b) Safe for use, maintained in a safe condition and where necessary, inspected to ensure this remains the case (any inspection must be carried out by a competent person).
- c) Used only by people who have received adequate information, instruction, and training to use the tool or equipment.
- d) Always provided with Earth leakage circuit breaker (ELCBs) / MCBs etc. when using electric power cords. Use of electrical tape for temporary repairs is prohibited.

D. Working at Height:

Any work undertaken where there is a risk of fall and injury is considered to be working at height. For any Vendor Personnel working at height, Vendors shall provide Fall Prevention whenever possible and Fall Protection only when Fall Prevention is not practicable. Before commencing Work in a height, the Vendor must obtain from SBI a Permit to Work that will define the requirements to be followed. Supervisor must be present at all point of time, to ensure no deviation occur during work.

E. Fall Prevention System:

Fall prevention systems (e.g., fixed guardrails, scaffolds, elevated work platforms) must provide protection for areas with open sides, including exposed floor openings.

F. Fall Protection Systems:

Where Fall Protection Systems are used, the Vendor must ensure the following is applied:

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- a) Only approved full body harness and two shock-absorbing lanyards are used,
- b) Prior establishment of a rescue plan for the immediate rescue of an employee in the event they experience a fall while using the system.
- c) Anchorage points must be at waist level or higher; and capable of supporting at least the attached weight.
- d) Lifeline systems must be approved by SBI before use.
- e) Use of ISI marked Industrial helmet at all point of time.

G. Scaffolding:

- a) All scaffolds shall subject to a documented inspection by a competent person and clearly marked prior to use. The footings or anchorage for scaffolds shall be sound, rigid and capable of carrying the maximum intended load without settling or displacement. All scaffolding materials should be of MS tubular type.
- b) Guardrails and toe-boards shall be installed on all open sides and ends of scaffold platforms. Scaffolds shall be provided with an access ladder or equivalent safe access. Vendor Personnel shall not climb or work from scaffold handrails, mid-rails or brace members.

H. Stairways and Ladders:

- a) Ladders should only be used for light duty, short-term work or access in line with the Site Requirements.
- b) Fabricated ladders are prohibited.
- c) Ladders will be secured to keep them from shifting, slipping, being knocked or blown over.
- d) Ladders will never be tied to facility services piping, conduits, or ventilation ducting.
- e) Ladders will be lowered and securely stored at the end of each workday.
- f) Ladders shall be maintained free of oil, grease, and other slipping hazards
- g) Ladders will be visually inspected by a competent person and approved for use before being put into service. Each user shall inspect ladders visually before using.
- h) Ladders with structural defects shall be tagged "Do Not Use," immediately taken out of service, and removed from the Site by the end of the day.

I. Lifting Equipment and Accessories:

- a) All lifting equipment / accessories e.g., Slings, Chains, Webbing, Chain blocks, Winches, Jacks etc shall be indicated with their safe working load and marked with an

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identification number visible on the unit and be inspected and tested in accordance with legal requirements.

- b) Damaged equipment / accessories and equipment shall be tagged “out of use” and immediately removed from Site.

J. Lockout Tag out (“LOTO”):

Prior to performing work on machines or equipment, the Vendor shall ensure that it is familiar with LOTO and Permit to Work procedures and that all of its affected Vendor Personnel receive the necessary training.

K. Barricades:

- a) Floor openings, stairwells, platforms, walkways, and trench, where a person can fall at any distance/height, shall be adequately barricaded and where necessary, well lit. Where there is a risk of injury from a fall then rigid barriers must be used.
- b) Barricades must also be used to prevent personnel entering an area where risk of injury is high e.g., during overhead work activity or electrical testing etc. Such barricading must provide clear visual warning.
- c) Compressed Gas Cylinders shall be securely stored and transported and identified and used in line with the local requirements. Hose lines shall be inspected and tested for leaks in line with local requirements. Flash back arrestor to be used to prevent any explosion due to backfire.

L. Electrical Safety

Prior to undertaking any work on live electrical equipment, the Vendor must obtain a Permit to Work from SBI. Wherever possible live work should be avoided. Any control measures highlighted, shall be implemented prior to work commencing. The below measures will be taken:

- a) Work practices must protect against direct or indirect body contact by means of tools or materials and be suitable for work conditions and the exposed voltage level.
- b) Energized panels will be closed after normal working hours and also whenever they are unattended. Temporary wiring will be de-energized when not in use.
- c) Only qualified electrical Vendor personnel may enter substations and/or transformer and only after being specifically authorized by SBI.

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d) Electrical Safety device such as ELCB, MCB, RRCB etc. to be provided before making connection.

M. Hot Works:

a) A Permit to Work must be obtained from SBI prior to any hot works (welding, grinding, open flame work). Suitable fire extinguishing equipment shall be made available in the near vicinity. Objects to be welded, cut or heated shall be moved to a designated safe location, or, if they cannot be readily moved, all movable fire hazards in the vicinity shall be taken to a safe place. Personnel working around or below the hot work shall be protected from falling or flying objects.

b) Prior to the use of temporary propane or resistance heating devices, approval must be obtained from SBI.

N. Trenching, Excavating, Drilling and Concreting:

a) A Permit to Work must be obtained from SBI and all underground lines; equipment and electrical cables shall be identified and located prior to beginning the work. The Vendor shall assign a competent Vendor Personnel to all trenching and excavation work.

b) Safe means of access and egress shall be located in trench excavations. Daily inspections shall be conducted by a competent Vendor Personnel for evidence of a situation that could result in possible cave-ins, indications of failure of protective systems or other hazardous conditions. Physical barriers shall be placed around or over trenches and excavations.

O. Environmental Requirements:

a) **Waste Management:** The Vendor is responsible to remove any waste generated by the work being done on the Site. The Vendor must dispose of the waste in line with the relevant local legislative requirements. The waste disposal route shall be documented and made available for SBI to review at any time and may be subject to SBI's prior approval.

b) Wastes (includes rinse from washing of equipment, PPE, tools, etc) are not to be poured into sinks, drains, toilets, or storm sewers, or onto the ground. Solid or liquid wastes that are hazardous or regulated in any way are not to be disposed of in general site waste receptacles.

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c) **Spills:** The Vendor is responsible for the provision of adequate spill kits/protection and the clean-up and disposal costs arising from such spills.

d) **Emissions:** The Vendor shall identify and quantify any emission sources associated with the Works. The control measures associated with these emissions shall be subject to the approval of SBI's Emissions include but are not limited to noise, dust, fumes, vapours.

P. Gas Cutting Activity:

- a) The gas cylinder shall be carried in a trolley.
- b) The rubber hose fitted to the gas cylinder shall be of good quality and sufficiently long.
- c) The gas cylinder shall be fitted with gas regulator and pressure gauges which must be in good working condition. Non-return valve shall be provided on the gas cylinder to prevent back fire.
- d) All the joints on gas cylinder, gas cylinder valves, gas holder connection, gas rubber hose joints etc shall be free from any type of leakage.
- e) The operator shall wear helmet, hand gloves, safety goggles, shoes etc while carrying out the activity. While working at height safety belt shall be used. The operator shall use gas lighter to light the gas.
- f) The workplace and its surrounding areas shall be free from any flammable or combustible materials.
- g) The gas cylinder shall be kept away from any hot object.
- h) The gas hose shall be kept away to prevent any contact with the falling hot material.
- i) The area below and its surrounding shall be free from any other activity and be cordoned off.
- j) Fire extinguishing medium like fire extinguishers, water or sand shall be available at the workplace.
- k) After completion of the job close the valve of the gas cylinder and discharge the gas from the gas hose. Keep the gas cylinder and gas pipe in a proper place.

SECTION-6

TECHNICAL SPECIFICATIONS FOR SITC FOR UPGRADATION/ REVAMPING OF EXISTING FIRE HYDRANT SYSEM OF LHO BUILDING, PATNA

1.0 GENERAL

- a) This specification is intended to cover residual engineering, supply, fabrication, erection, testing and commissioning of the Fixed Fire Protection system, as per enclosed Schedule of Work, drawings, and tender terms & conditions inclusive of the supply of all labour, supervision, tools, equipment, and erection materials as necessary.
- b) The specification shall be read in conjunction with the Conditions of Contract, Schedule of Work/Bill of Quantity as enclosed with this Specification. However, in the event of any conflict between Schedule of Work/Bill of Quantity and Technical Specification or item description mentioned in Schedule of Work/Bill of Quantity shall prevail.

2.0 STANDARDS & CODES

- a) The complete supply and installation work for the equipment and accessories covered under this specification shall be designed, manufactured, erected, tested and commissioned in accordance with the latest BIS. In cases where IS are not available, the equipment and accessories shall conform to the latest publication of recognized National Standard Institutions.
- b) All fire-protection equipment and installation work shall also conform to National Building Code and Local Fire Department. Fire Department and Fire Insurance Regulations as regards to safety, earthing and other essential provisions specified therein for installation and operation of the systems.

3.0 SCOPE OF WORK

- a) The details of various equipments relevant to the Fixed Fire Protection System have been elaborated in the subsequent sections of this document.
- b) All equipment, materials, hardware and accessories to be supplied by the bidder shall be brand new ones and make specified as in the tender. For other approved equivalent make, prior written approval of the SBI shall be obtained for which detail technical document & Data sheet for all such items with make etc. shall be furnished along with application for SBI review and acceptance.
- c) All relevant drawings, technical data sheets and technical leaflets/catalogues, Test Certificates of major items shall be submitted.

- d) Furnishing of all labour, skilled and unskilled, supervisory personnel, tools and tackles for fabrication / erection, testing equipment, implements, supplies, consumables, and hardware for timely and efficient execution of the site work.
- e) The item of work to be performed on all equipment and materials shall include but not be limited to the following:
 - i Receiving, unloading of the materials at site.
 - ii Opening, inspection and reporting all damages and short supply of items.
 - iii Arranging to repair and/or re-order all damaged and short supply items.
 - iv Storing at site with suitable all-weather protection.
 - v Side-Shifting of materials as directed by Engineer-in Charge.
 - vi Assembly, erection, and complete installation.
 - vii Necessary co-ordination between works done by the other Vendors.
 - viii Final check-up, testing and commissioning in presence of SBI's representative.
 - ix Trial run for seven days, rectification of defects, if any and adjustment as necessary.
- f) Preparation of **as built drawings and submission of the same in soft copies (in AutoCAD / Microsoft Word/excel/pdf format) as well as in hard copies.**
- g) Reference shall be drawn to the "Schedule of Work" for quantity of major items.
- h) Vendor will be given a place (only) for storing his materials, tools, tackles. Vendor shall store (at his own cost) at that designated place to keep his materials, tools & tackles. Vendor shall make proper security arrangement for his materials till the installation is taken over by the SBI. SBI will not be responsible for any theft/loss of materials.
- i) Construction power and water: Power & Water is available during execution same may be providing to the Vendor as its existing building.

4.0 TESTS

- a) The installation work shall be tested by the Vendor after completion of his erection / installation work with an advance notice to the engineer so that he or his authorized representative may witness the same also.
- b) The Vendor shall carry out Test as per relevant codes & standards and record the same in proper format. **All piping after installation shall be tested for a hydrostatic test pressure of 10 Kg/Sq cm maintained for 24 hours. All joints and valves shall be checked for leaks and rectified and retested.** During testing all valves except drain & air

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valves shall be kept fully open. After completion of the tests, the recorded test results shall be submitted to the SBI for his approval and acceptance.

c) The test result of any installation or equipment or its part, if considered not satisfactory to the engineer, the concerned installation / equipment and its accessories shall be properly rectified by the Vendor and shall be tested again to the satisfaction of the engineer by the Vendor at his own cost.

5.0 FIRE SPRINKLER SYSTEM

a) All the QBD (Quartzoid Bulb Detectors) of the existing sprinkler system should be replaced with new ones. Alarm Valve with its accessories i.e., gong bell, pressure gauge, pressure switch etc. should be replaced and make the system functional in both auto and manual mode of operation. All the necessary components i.e., test valve, drain valves, pressure gauge etc. should be rectified in all respect. All material shall be of the best quality conforming to specifications and subject to the approval of the Bank's Engineer. Pipes and fittings shall be fixed truly vertical/horizontal or on slopes required in a neat manner. Pipes shall be fixed in such a manner so as to provide easy accessibility for repair and maintenance. Pipes shall be securely fixed to walls and ceilings by suitable clamps at intervals specified. Only approved types of anchor fasteners shall be used for RCC ceilings and walls. Valves and other equipment shall be so located that they are easily accessible for operation, repairs, and maintenance.

b) The sprinkler heads shall be **UL listed** fixed temperature type with a **quartzoid bulb** containing liquid having high vapor pressure held in position by a forged GM yoke and deflector. The rated temperature of quartzoid bulb shall be **68 deg C**.

6.0 PIPING

a) Piping to be laid over ground shall be supported on pipe rack / supports. Rack/support details shall have to be approved by SBI.

b) Surface of over ground pipes except galvanized pipes shall be thoroughly cleaned of mill scale, rust etc. by wire brushing.

c) All pipes inside the building and where specified, outside the building shall be **MS C Class** conforming to IS: 1239 - Heavy. Pipes 200/150 mm dia. and above shall be M.S. as per IS: 3589 with minimum 6 mm wall thick & fittings shall be fabricated from pipes confirming to IS 3589. Pipes shall be carefully laid to the alignment, levels and gradients and great care shall be taken to prevent any sand, earth or other matter from entering the pipes during laying. Pipes shall be kept thoroughly clean during the course of laying. The

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ends of pipes shall be blocked with wooden plugs wedged home, at the end of each day's work to prevent dirt and rodents, insects etc., entering the pipe.

d) Pipes up to 50mm dia, tapered screwed / Socket welded / Butt welded type jointing shall be adopted, while for pipes above 50mm dia welded or flanged connections shall be used. Flanged joints shall be made with 3 mm thick insertion rubber washer /Gaskets. All bolt holes in flanges shall be drilled & making hole by using gas cutting is not acceptable. The drilling of each flange shall be in accordance with relevant Standards.

e) Flanged joints shall be used for connections to vessel, equipment, flanged valves and also on suitable straight lengths of pipeline at strategic points to facilitate erection and subsequent maintenance work. The Bolts /Nuts / Washers used in the system shall be in accordance with relevant Standards.

f) **Pipe Painting:** All pipes above ground shall be painted with 2 coats of epoxy primer and 2 coats of Synthetic Enamel paint of Fire Red shade.

g) **Butterfly Valves:** Butterfly valves shall be as per BS 5155 & provided for pipes 50mm dia and above on downstream (delivery side) of the pumps. The valves shall be PN 1.2 rating.

h) **Air Release Valves:** Air release valve is 25mm screwed inlet GM single acting type and shall be fixed on all high points in the system (wet riser) with Ball valves or as shown on drawings.

i) **Drain Valves:** Gun metal Gate / Ball valve of 15 / 25 / 40 / 50mmdia as per IS; 778 with fittings as required for instruments / draining any water in the system / Risers in low points.

7.0 FIRE PUMPS

Fire Pump House of SBI LHO building is located at the basement of the building and provided with 01 no. of Electric driven Main Fire Pump, 01 no of Diesel driven Fire Pump and 01 no. of Jockey Pump and is in positive pressure. All the installed valves i.e., sluice valve, butterfly valve, strainer, non-return valve etc of the fire pump house should be replaced with new ones.

Components/Equipments of Fire Pump House i.e., Control Panels (Incoming/Outgoing)/ Main Fire Pump/ Diesel Driven Pump/ Terrace Pump/ Alarm Valve/ Jockey Pump/ Diesel Control Control/ System Controller/ Relays/ Sensors/ Timers etc. should be checked and rectified (if required) for its proper functioning as per the logic program/setting and as per the specification. Entire fire hydrant system

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should be in healthy condition and in both automatic & manual mode of operation after the completion of the entire work.

7.1 TERRACE PUMP

Supply, Installation, Testing & Commissioning of 01 No. of Electric Driven Terrace pump for Hydrant applications suitable for automatic operation. It should be provided with two sets of electric panel unit (one at the terrace and another in the Fire Control Room, ground floor of the building) and consisting of following details given as under. (Make- Kirloskar/ABB/Siemens)

- i. Horizontal Single stage Centrifugal End suction, back pull type pump complete for delivery of below mentioned discharge, with necessary accessories the suction side (all items to be matching with the suction side dia of the pump) including bypass arrangement for Testing of pump
- ii. Material of construction: Pump Casing - Cast Iron, Impellor - Bronze, Shaft - SS 410, Packing - Mechanical Seal
- iii. Pump shall be capable of furnishing not less than 150 % of rated capacity at a head not less than 65 % of the rated head. The shut off head shall not exceed 120 % of rated head
- iv. Squirrel cage induction motor suitable for 3 phase, 415 V, 50 HZ, Ac supply T.E.F.C confirming to IP:55, of required HP suitable for the above pump, along with flexible coupling, coupling guard complete in all respect
- v. Common bed plate fabricated from mild steel channel for installation of pump and Motor
- vi. Pump technical sheet which confirming required specifications issued by manufacturer to be submitted.
- vii. Suitable cement concrete foundation duly plastered with anti-vibration pads. 950 LPM (7.5 HP) suitable for 35 Mtr Head, single stage. Also, SITC of Starter Panel, fabricated for capable of Operation of 450 / 900 LPM Terrace Pump or capable of start up to 7.5/10 HP pump and having provision for automatic starting by pressure switches, control mounting shall include necessary lamps indications, ammeters for motor full load circuit with CTs and selector switch, auto/manual selector switch voltmeter with selector switch controlling push button etc. The panel shall be duly painted with protective anticorrosive and shall be foot mounted/wall mounted type including all accessories. (Make- L&T/ABB/ Siemens)

NOTE: "BIS CODES TO BE FOLLOWED AS REFERENCE " SITC FOR UPGRADATION/ REVAMPING OF EXISTING FIRE HYDRANT SYSEM OF LHO BUILDING, PATNA AT SBI LHO PATNA, BIHAR

Design Confirmation: Generally, works to be carried out as per BIS standard and applicable and National Building Code of India (NBC), some of the BIS codes are listed below:

- a) IS: 15105: Design, installation, and maintenance of fixed automatic sprinkler fire extinguishing systems (revised).

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- b) IS: 884-1995: Specification for first Aid Hose Reel for Fire Fighting (revised).
- c) IS: 901-1988: Specification for couplings, double male and double female, instantaneous Pattern, for firefighting purposes (revised).
- d) IS: 902-1992: Specification for suction hose couplings for firefighting purposes (revised).
- e) IS: 903-1993: Specification for fire hose delivery couplings, branch. Pipe, nozzle and nozzle Spanner (revised).
- f) IS: 904-1983: Specification for two-way and three-way suction collecting heads for firefighting Purposes (revised).
- g) IS: 905-1980: Specification for delivery breaching, dividing and collecting, instantaneous Pattern, for firefighting purposes (revised).
- h) IS: 906-1992: Specification for branch with revolving head for firefighting purposes (revised).
- i) IS: 907-1984: Specification for suction strainers, cylindrical and hose types for firefighting Purposes (revised).
- j) IS: 908-1975: Specification for fire hydrant, stand post type (revised).
- k) IS: 909-1992: Specification for underground fire hydrant, sluice valve type 30 (revised).
- l) IS: 910-1980: Specification for combined key for hydrant, hydrant cover and valve.
- m) IS: 936-1966: Specification for underground fire hydrant, double-valve type (revised).
- n) IS: 937 -1981: Specification for washers for water fittings for firefighting purposes (revised).
- o) IS: 1641-1988: Code of practice for fire safety of buildings (general): General principles and fire grading.
- p) IS: 1642-1989: Code of practice for fire safety of buildings (general): Materials and details of Construction.
- q) IS: 1646-1982: Code of practice for fire safety of buildings (general): Electrical installation.
- r) IS: 2871-1983: Specification for branch pipe, universal, for firefighting purposes.
- s) IS: 3582-1991: Specification for basket strainers for firefighting purposes (cylindrical type).
- t) IS: 3844-1989: Code of practice for installation of internal fire hydrants in i multi- storey buildings.
- u) IS: 5290-1993: Specification for landing valves (revised).
- v) IS: 1239: Providing, fixing, testing and commissioning of Above Ground M.S. ERW Black C Class Heavy duty pipes (up to 150 mm dia.) and
- w) IS: 3589: providing, fixing, testing and commissioning of Above Ground M.S. ERW Black C Class Heavy duty pipes (up to 200 mm dia. And above).



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SECTION-7

ANNEXURE - C

UNDERTAKING LETTER

TO BE FILLED AND SUBMITTED BY APPLICANT

Assistant General Manager (P&E),
State Bank of India,
Premises & Estate Department,
Local Head Office (LHO),
West Gandhi Maidan,
Patna 800001 (Bihar)

Dear Sir,

SITC FOR UPGRADATION / REVAMPING OF EXISTING FIRE HYDRANT SYSTEM OF
LHO BUILDING, PATNA

Ref: GEM BID NO.: GEM/2025/B/6357687

I/We refer to the tender notice issued by you for works in connection with the above.

2. I, undertake to submit the tender document along with all Terms & Conditions, Specifications and subsequent annexure and corrigendum's (if any) duly signed and stamped by authorized representative / signatory on becoming L1. However, we accept all the terms and conditions along with the Specifications, Drawings, and Layout etc defined in the Tender documents.
3. I/We hereby offer to perform, provide, execute, complete, and maintain the works in conformity with the drawings, designs, conditions of contracts & specifications schedule of quantities relating to the works.
4. I/We have satisfied myself/ourselves as to the site conditions, examined the drawings and all aspects of the tender conditions, subject to above, I/We do hereby agree, should this tender be accepted in whole abide by and fulfil all the terms and provisions of the said conditions annexed here to.
5. Complete the works within stipulated (02 Calendar Months) time period as per the work program enclosed with the tender in two or three shifts if considered necessary by the Employer at no extra cost to the Employer.



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- 6. I/We will submit the **5%** security deposit amount in the form of DD/BC or BG in favour of AGM (P&E), LHO, State Bank of India, payable to Patna as stipulated in the tender document which, I/We note, will not bear any interest and is liable for forfeiture.
- 7. I/We understand that you are not bound to accept the lowest or any tender you receive.

Yours faithfully,

Signature

Designation

Name of Partner / Director of the Firm authorized to sign or name of person having power of attorney to sign the contract. (Certified true copy of power of attorney should be attached)

Signature and address of witnesses:

a. Signature

b. Signature.....

Name

Name

Address

Address

Note: To be filled and uploaded by applicants as Annexure - C



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DATED:18.06.2025

SECTION-8

ANNEXURE - D

BANK GUARANTEE

(PERFORMA)

Letter of Guarantee No.

Dated: the day of

THE GUARANTEE is executed at **Patna** on the day ofby
(set out full name and address of the Bank) (hereinafter referred to as “the Bank” which expression shall unless expressly executed or repugnant to the context or meaning thereof mean and include its successors and assigns).

WHEREAS SBI (local address), an existing company within the meaning of the Companies Act, 1956 and having its **Local Head Office Patna, 800001** (hereinafter referred to as “the Company”) issued a Tender being No. dated (hereinafter referred to as “the said Tender”) for (set out purpose of the job) and pursuant thereto Messrs/ Mr.(set out full name and address of the Vendor) (hereinafter referred to as “the Vendor” which term or expression wherever the context so requires shall mean and include the partner or partners of the Vendor for the time being/his/its heirs, executors, administrators, successors and assigns) (delete which are not applicable) has accepted the said Tender and field its quotation.

AND WHEREAS the quotation of the Vendor had been accepted by the Company and in pursuance thereof an Order being No..... dated (Hereinafter referred to as “the said Order”) has been placed by the Company on the Vendor for (set out purpose of the job).

AND WHEREAS under the terms of the said Order the Vendor is required to furnish the Company at their/his/its own costs and expenses a Bank Guarantee for Rs.....
(Rupees only) as performance guarantee for the fulfillment of the terms and conditions of the said Tender and to do execute and perform the obligations of the Vendor under the Agreement dated the day of (hereinafter referred to as “the Agreement “) entered by and between the Company of the one part and the Vendor of the other part, the terms of the said Tender and the terms contained in the said Order which expression shall include all amendments and/or modifications/or variation thereto.



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AND WHEREAS the Vendor had agreed to provide to the Company a Bank Guarantee as security for the due performance of their/his/its obligations truly and faithfully as hereinbefore mentioned.

NOW THIS GUARANTEE WITNESSETH as follows:

1. In consideration of the aforesaid premises at the request of the Vendor, we (set out the full name of the Bank) the Bankers of the Vendor shall

perform fully and faithfully their/his/its contractual obligations under the Agreement dated the day of entered by and between the Company of the one part and the Vendor of the other part, the terms and conditions of the said Tender and the said Order.

2. We, (set out full name of the Bank) do hereby undertake to pay to the Company without any deduction whatsoever a sum not exceeding Rs

(Rupees only) without any protest, demur or proof or condition on receipt of a written demand from the Company stating that the amount claimed is due by way of loss and damage caused to or would be caused to or suffered by the Company due to bad workmanship or by reason of breach of any of the terms and conditions of the Agreement, the said Tender and the said Order hereinbefore mentioned.

3. The Guarantee is issued as security against due performance of the obligations of the Vendor or under the Agreement aforesaid and the said Tender and the said Order hereinbefore mentioned and subject to the conditions that our liability under this Guarantee is limited to a maximum sum of

Rs (Rupees only) or the amount of loss or damage suffered or to be suffered by the Company in its opinion at any period of time, whichever is lower.

4. We,(set out full name of the Bank) further agree that the undertaking herein contained shall remain in full force for a period of months from the date of the satisfactory execution of the Contract.

5. This Guarantee shall not be affected by any amendment or change in the Agreement or change in the constitution of the Bank and/or the Company and/or the Vendor.

6. We (Set out full name of the Bank) undertake not to revoke this Agreement during its currency except with the previous consent of the Company in writing.



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7. All claim under this Guarantee must be presented to us within the time stipulated after which date the Company's claim/right under this Guarantee shall be forfeited and we, (set out full name of the Bank) shall be released and discharged from all liabilities hereunder.
8. This instrument shall be returned upon its expiry or settlement of claim(s) if any, there under.
9. Notwithstanding anything contained hereinbefore our total liabilities under this Guarantee shall not exceed a sum of Rs..... (Rupees only) and unless a demand or claim in writing under this Guarantee reaches us on or before the date of (last date of claim) and if no claim is received by us by that date all rights and claims of the Company under this Guarantee shall be forfeited and we, (set out full name of the Bank) shall be released and discharged of all our liabilities under this Guarantee thereafter.
10. We have power to issue this guarantee in your favour under our Memorandum and Articles of Association and the undersigned has full power to execute this Guarantee under Power of Attorney dated the day of granted to him by the Bank.

Place:

Date:

SECTION-9

ANNEXURE - E

LIST OF APPROVED MAKES FOR FIREFIGHTING WORKS

All materials to be used in the work shall conform to relevant Indian Standard Specifications and wherever available ISI marked materials will be used. Besides below mentioned make, equivalent approved make (EAM) may also be used. The Vendor shall also obtain prior approval from SBI for the “Make” and “Rating” of any other major item not mentioned above/below.

S.No.	MATERIAL	MAKES
1.	Pumps	Kirloskar, Lubi, Wilo (Mather & Patt), KSB or EAM or equivalent only
2.	Electric motor	Lubi, Kirloskar, Wilo, KSB or EAM or equivalent only
3.	Diesel Engine	Lubi, Kirloskar, Wilo, KSB or EAM or equivalent only
4.	Battery	Exide /Amron / Bosch or equivalent only
5.	M.S. Pipe	Jindal Hisar, Tata, Surya, (ISI Marked)
6.	Gate Valves	Shah Bhogilal / KBL / Upadhya/ Kalpana/ Kartar/Zoloto/Audco /Sant or equivalent
7.	Non- Return Valves	Shah Bhogilal / KBL / Upadhya/ Kalpana/ Kartar/Zoloto/Audco /Sant or equivalent
8.	Sluice Valve	Shah Bhogilal / KBL / Upadhya/ Kalpana/ Kartar/Zoloto/Audco /Sant or equivalent
9.	CI Non-Return Valve	Shah Bhogilal / Upadhya/ Kalpana/ Kartar/Zoloto/Advance /Audco /Sant or equivalent
10.	CI Butterfly valves	Shah Bhogilal / KBL / Upadhya/ Kalpana/ Kartar/Zoloto/Audco or equivalent
11.	Hydrant valve	Shah Bhogilal, GEI (Ghosh engg), Newage, Safex or equivalent
12.	Y Type Strainer	Leader, Prime, Kartar, Hammer, Kalpana, Worth or equivalent
13.	Basket type Strainer	Leader, Prime, Kartar, Hammer, Kalpana, Worth or equivalent
14.	Pressure switch	Infosys, donfos, Switcher or equivalent
15.	Pressure Gauge	H.Guru , Fiebig, Warree , Danfos or equivalent
16.	Starter, Switches	L & T, Siemens or equivalent

17.	Pump Panel Components	L & T, Siemens, Schneider, and ABB or equivalent only
18.	Flow switch	Honeywell, System Sensor, Potter or equivalent
19.	Annunciation Panel	AGNI, RAVEL, System Sensor, Honeywell or equivalent
20.	Cables	Incab, Gloster, CCI, Finolex, Polycab (ISI Marked)
21.	Fire Hose	Shah Bhogilal, Newage, Jayshree, CRC, Priyanka, BRG or equivalent (ISI Marked)
22.	SS Branch Pipe & Nozzle	Shah Bhogilal, NewAge, GEI or equivalent
23.	Hose Reel Drum	AAAG Shah Bhogilal, Newage, or equivalent
24.	Rubber Hose	Dunlop, Deep Jyoti, Jyoti, & Padmini, or equivalent
25.	S Ball Valve	Audco, Leader, Sant, & Zoloto or equivalent
26.	CS Ball Valve	Audco, Leader, Sant & Zoloto or equivalent
27.	Fire Brigade Inlet	AAAG (Shah Bhogilal), Newage, GEI (Ghosh engg), & New age or equivalent
28.	Hose Box	Fabricated as per standard
29.	Pipe Fittings	Bharat Forge / Tube Products / M.S. Fittings / VS Brand / E.A.M), as per Standard
30.	Quartzoid Bulb Type Sprinkler	HD, TYCO or equivalent (UL – Listed)
31.	Paint (as per IS: Fire Red)	Asian Pain, Nerolec, Burger or equivalent
32.	Anticorrosive Tap	Pipekot, IWL, Rustech or equivalent
33.	Fire seal	Sealz, alstroflam, abacus or equivalent
34.	HDPE Tank	intex/ polycon /plasto /supreme or equivalent.
35.	RCC Pipes	ISI Marked
36.	Portable Ground Monitor	AAAG (Shah Bhogilal), Newage, HD Fire or equivalent
37.	Water Monitor	AAAG (Shah Bhogilal), Newage, HD Fire or equivalent

NOTES:

- a) Details of the items under this Schedule shall be read in conjunction with the corresponding Specifications, Drawings, and other Tender Documents.



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- b) The work shall be carried out as per approved drawings, Specifications and the description of the items in this Schedule and/or Engineer's instructions. Drawings enclosed with these documents are only for providing some preliminary of the work involved.
- c) Items of work provided in this Schedule but not covered in the Specifications shall be executed strictly as per instructions of the Bank's Engineer.
- d) Unless specifically mentioned otherwise in the Contract, the Bidders shall quote for the finished items and shall provide for the complete cost towards power, fuel, tools, tackles, equipment, Constructional Plant, Temporary Work, labour, materials, levies, taxes, transport, layout, repairs, rectification, maintenance till handing over, supervisions, overheads, profits and all incidental items not specifically mentioned but reasonably implied and necessary to complete the work according to the contract.
- e) The Quantities of the various items mentioned in the Schedule of Items are approximate and may vary or may be deleted altogether. The Vendor, in his own interest, should get an indication of the probable extent of the work to be executed under any particular item in this Schedule before undertaking any preliminary and enabling work or purchasing bought out components related to the work.
- f) Rates shall be quoted both in figures and in words in clear legible writing. No over writing is allowed. All scoring and cancellations should be countersigned by the Bidders. In case of illegibility, the rates written in word will be considered final. All entries shall be in English language.
- g) Engineer's decision shall be final and binding on the Vendor regarding clarification of items in this Schedule with respect to the other sections of the Contract.

The above instructions shall form part of the conditions of contract.

I / we hereby declare that I / we have read & understood the above instructions for the guidance of the tender.

Signature of Witness,

Signature of Bidder

Address:

Date:

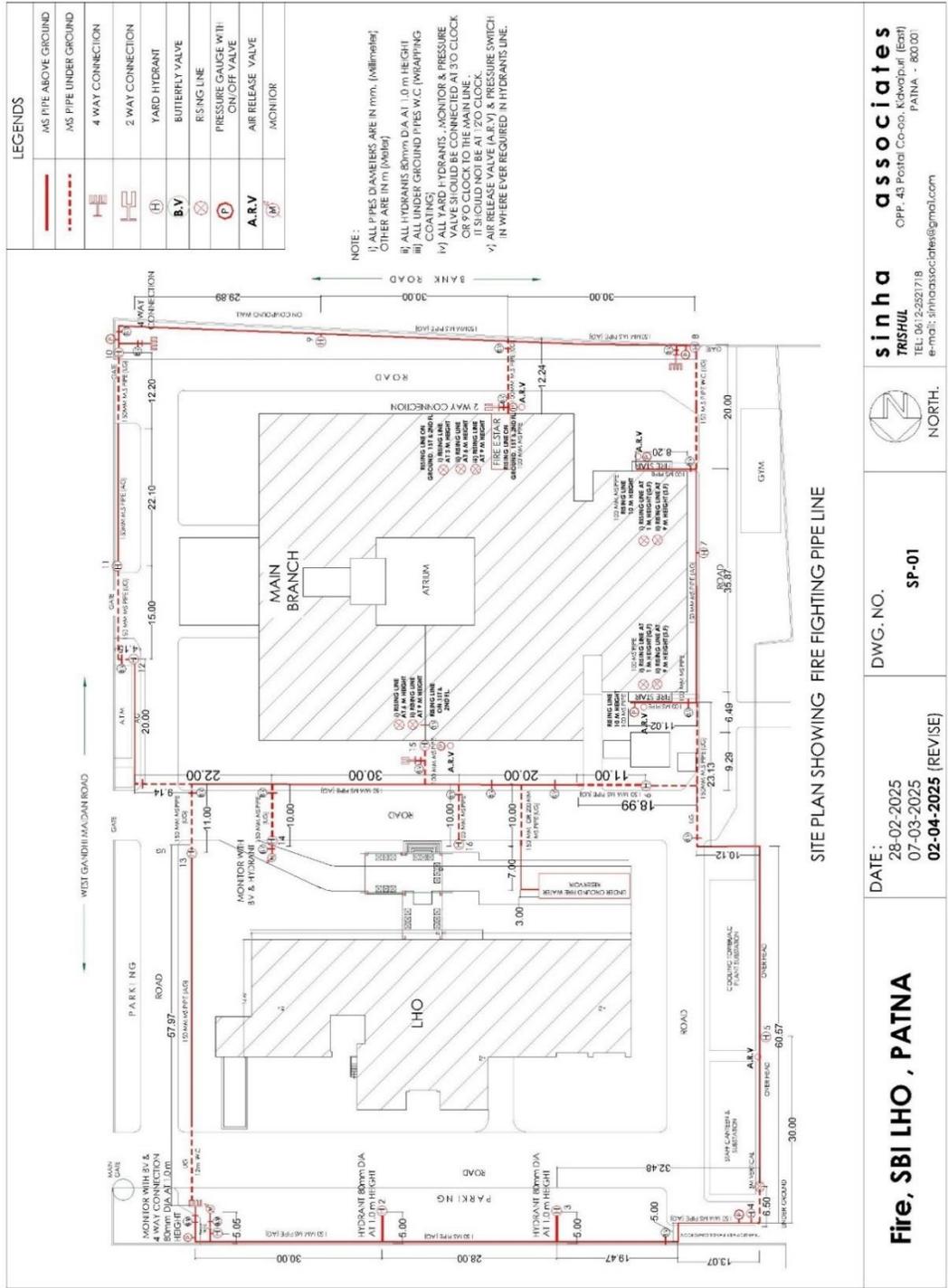
SEAL OF THE FIRM

Note: To be signed and uploaded by applicants as Annexure - E

SECTION-10

ANNEXURE - F

DRAWINGS



sinha associates
 TRASHUL
 OPP. 43, Patna Co-op, Khandajari (East)
 PATNA - 800 007
 TEL: 06-2529718
 e-mail: sinhasassociates@gmail.com

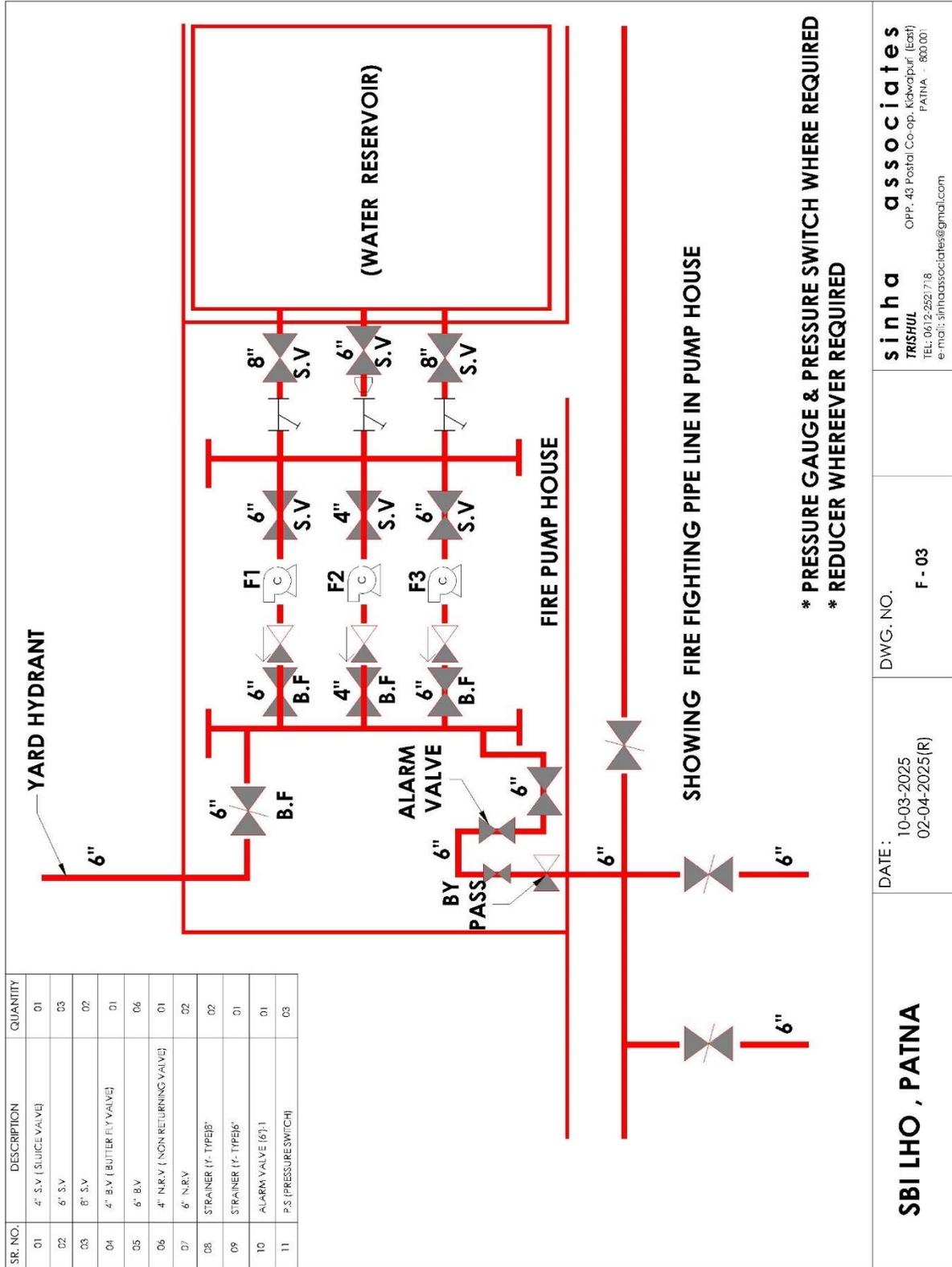
sinha associates
 TRASHUL
 OPP. 43, Patna Co-op, Khandajari (East)
 PATNA - 800 007
 TEL: 06-2529718
 e-mail: sinhasassociates@gmail.com

DATE: 28-02-2025
 07-03-2025
 02-04-2025 (REVISE)

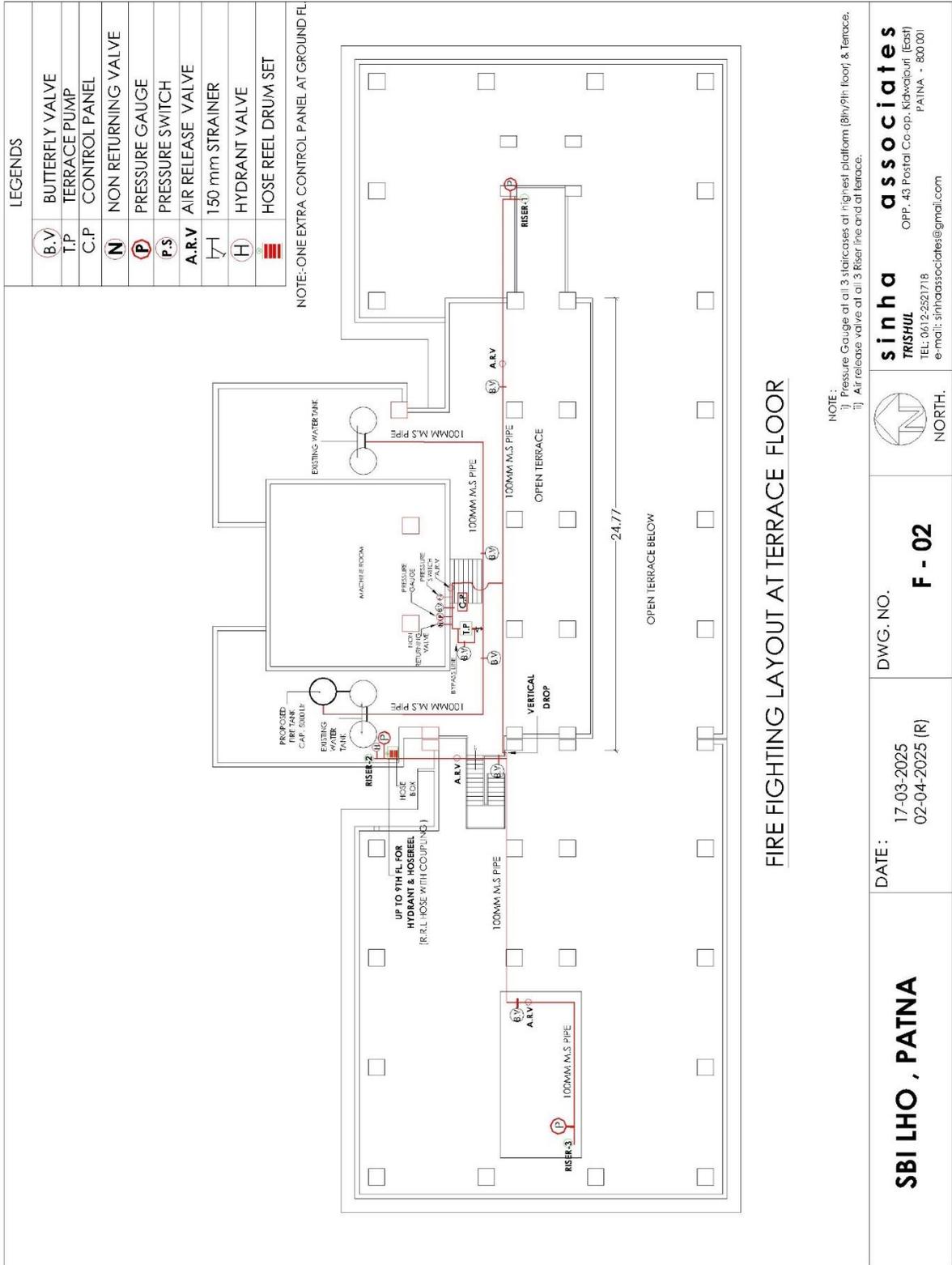
Fire, SBI LHO , PATNA

DWG. NO. SP-01

NORTH



SBI LHO , PATNA	DATE : 10-03-2025 02-04-2025(R)	DWG. NO. F - 03	sinha associates TRISHUL OPP. 43 Postal Co-op. Kshyapour (East) PATNA - 800 001 TEL: 0612-2521718 e-mail: sinhaassociates@gmail.com
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NOTE:
 i) Pressure Gauge at all 3 staircases at highest platform (8th/9th floor) & Terrace.
 ii) Air release valve at all 3 Riser line and at terrace.


sinha associates
 TRISHUL
 TEL: 0612-252718
 e-mail: sinhaassociates@gmail.com
 OPP. 43 Postal Co-op, Kikwaibari (East)
 PATNA - 800 001

DWG. NO. **F - 02**

DATE: 17-03-2025
02-04-2025 (R)

SBI LHO , PATNA

PART-2 (FINANCIAL BID)
SECTION-11

ANNEXURE – G

S. No.	Item description	Approved Make	Unit	Qty	Rate/ Unit (Inclusive GST)	Total Amount (Inclusive GST)
1	Providing laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/3589 i/c fittings like elbows, tees, reducer, flanges, tapers, nuts bolts, gaskets etc. in ground including welding, excavation & providing cement concrete blocks as supports, anticorrosive treatment with coaltar and asphalt tape as per IS 10221, refilling the trench etc. of following sizes complete as required.	Jindal Hisar, Tata, Surya, (ISI Marked) Anticorrosive Tape - Pipekot, IWL, Rustech or equivalent				
a	150 mm dia		Mtr	151		
b	100 mm dia		Mtr	31		
2	Providing laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/3589 i/c fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. nad fixing the pipe on the wall/ ceiling with suitable clamp/support frame and painting with two coat or more coats of synthetic enamel paint of required shade complete as required	Jindal Hisar, Tata, Surya, or equivalent (ISI Marked)				
a	200 mm dia (wall thickness - 6.3mm) Pump Room		Mtr	6		
b	150 mm dia		Mtr	476		
c	100 mm dia		Mtr	179		
d	80 mm dia		Mtr	20		
3	Supply, Installation, Commissioning, and testing of Water Monitor, Material-Stainless Steel Flow Rate- 2270- 2580 LPM approx. (Liters Per Minute), Operating Pressure-7 Bar to 12 Bar, Inlet Connection (ANSI / BS / IS Standards) or Threaded, Monitor Rotation-Horizontal: 360° (Full Rotation), Vertical: - 45° to +90°, Nozzle-Jet / Spray / Fog Pattern Adjustable Nozzle (Gun metal), Throw 69 meters approx (depending on flow rate and nozzle type)	AAAG (Shah Bhogilal), Newage, HD Fire or equivalent	Mtr	2		
4	Supply of forged brass ball valve with forged brass ball of the following size including providing necessary union/flange.	Audco, Leader, Sant & Zoloto or equivalent				
a	32mm		Each	1		
b	150mm		Each	3		
5	Supply, fixing, testing and commissioning of Butterfly valve of PN 1.6 rating with Bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets confirming to IS 13095 of following sizes .	Shah Bhogilal / KBL / Upadhya/ Kalpana/ Kartar/Zoloto/				

		Audco or equivalent				
a	150 mm dia		Set	15		
b	100 mm dia		Set	14		
c	80mm dia		Set	2		
6	Providing, installation, testing and commissioning of Non Return Valve of following sizes confirming to IS: 5312 complete with rubber gasket. GI bolts, nuts, washers etc. as required	Shah Bhogilal / KBL / Upadhya/ Kalpana/ Kartar/Zoloto/ Audco /Sant or equivalent				
a	150 mm dia For Pump Room		Set	2		
b	100mm dia (for Terrace Pump & Pump house)		Set	2		
7	Supply and fixing of fire brigade connection of cast iron body with gun metal male instantaneous inlet couplings complete with cap and chain required for suitable dia MS pipe connection confirming to IS 904 as required, complete in all respects.	AAAG (Shah Bhogilal), Newage, GEI (Ghosh engg), & New age or equivalent				
a	4 way - 150 mm dia M.S. Pipe		Set	2		
b	2 way - 100 mm dia M.S. Pipe		Set	2		
8	Supply and Installation of approved 1.6mm thick M.S. fire hose cabinet (750x600x250mm) made out of 16 gauge M.S. sheet capable of accommodating two sets of RRL hose pipes, fittings & accessories. The box shall have a front glass door with lock and key arrangement & shall be painted with post office red color with FIRE marked.	Kartik or equivalent	Each	26		
9	Supplying and fixing single headed internal/external yard hydrant valve with 1 no. 63 mm dia instantaneous FM Gunmetal/stainless Steel coupling and cast iron wheel, ISI marked, conforming to IS 5290 (type A) with blank Gunmetal/Stainless Steel cap and chain as required	Shah Bhogilal, GEI (Ghosh engg), Newage, Safex or equivalent				
a	single headed Gunmetal		Set	17		
10	Supplying & fixing 63 mm dia gun metal short branch pipe with 20mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required	Shah Bhogilal, GEI (Ghosh engg), Newage, Safex or equivalent				
a	Stainless Steel (Grade 304)		Nos.	26		

11	Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, confirming to IS 884 complete with the following as required. 20mm nominal internal dia water hose thermoplastic (Textile reinforced) type -2 as per IS: 12585, 20mm nominal internal dia gun metal globe valve & nozzle. Drum & Brackets for fixing the equipments on wall. connection from riser with 25 mm dia stop gun metal valve & M.S. Pipe and socket.	Shah Bhogilal, GEI (Ghosh engg), Newage, Safex or equivalent				
a	30 M		Set	10		
12	Supplying & fixing 63 mm dia, 15 m long Reinforced Rubber Lined (RRL) Hose Pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. confirming to IS 636 (Type A,SS) Working Pressure: Minimum 1.4 MPa (14 Bar) Burst Pressure: Minimum 3.5 MPa (35 Bar)	Dunlop, Deep Jyoti, Jyoti, & Padmini, or equivalent				
a	Stainless Steel (Grade 304)		Set	20		
13	Providing, fixing, testing, and commissioning of 15 mm dia quartzoid bulb type sprinkler of rating 68 degrees centigrade with required accessories.	HD, TYCO or equivalent (UL - Listed)				
a	Pendent Sprinkler		Each	145		
14	(A) Supply, Installation, Testing & Commissioning of electric driven Terrace pump suitable for automatic operation and consisting of following, complete in all respects, as required (Terrace Pump) (B) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical confirming to IS :1520 (C) Suitable HP squirrel cage induction motor TEFC type suitable for operation on 415 volts, 3 phase, 50 Hz, AC supply with IP%% class of protection for enclosure, horizontal foot mounted type with Class - 'F' insulation, confirming to IS 325. (D) M.S. fabricated common base, coupling, coupling guard, foundation bolts etc. as required. (E) Suitable cement concrete foundation duly plastered and with anti-vibration pads.	Lubi, Kirloskar, Wilo, KSB or EAM or equivalent				
a	900 LPM at 35 m Head		Set	1		
15	Fire Pump Control Panel (DOL/Star-Delta Starter) for 7.5 HP, 900 LPM Fire Pump, Automatic / Manual, IS: 13947, NFPA 20, IEC 60947, UL 508, Power Supply 415V AC, 3-Phase, 50 Hz	L & T, Siemens, Schneider, and ABB or equivalent only	Each	2		
16	Reinstallation, commissioning, and testing of Fire Fighting Pump Room. Priming Line to ensure fire pumps are always ready for operation. It is essential for suction lift conditions where pumps pull water from a lower level & cleaning of reservoir by manual or mechanical means.		Services	1		

	It should be ensured that components / equipments of Fire Pump House i.e., Control Panels / Pumps / Relays/ Sensors/ Timers etc. should be checked and rectified (if required) for its proper functioning as per the logic program/setting and as per the specification. Entire fire hydrant system should be in healthy condition and in both automatic & manual mode of operation after the completion of the entire work.					
17	Supply, Installation, Testing of Bourdon tube pressure gauge, Dial Size: 63 mm, 100 mm, or 150 mm, Stainless Steel (SS 304/SS 316) material, connection ¼" or ½" BSP/NPT, range Range: 0 to 16 bar, Accuracy: ±1% of Full Scale (Class 1), Medium: Air/Water/Glycerin-filled, Compliance: EN 837-1, ASME B40.1, Safety Glass / Toughened Acrylic Dial Cover, Red Pointer for Setting Minimum and Maximum Pressure Limits, Overpressure Protection: 130% of full scale.	H.Guru , Fiebig, Warree , Danfos or equivalent	Each	12		
18	Providing and fixing of Pressure switch in M.S. pipe line including connection etc. as required.	Infosys, donfos, Switcher or equivalent	Each	8		
19	Providing, installation, testing and commissioning of stainless steel Y- strainer fabricated out of 1.6 mm thick stainless steel, Grade 304, sheet with 3 mm dia holes with stainless steel flanges.	Leader, Prime, Kartar, Hammer, Kalpana, Worth or equivalent				
	a) 150 mm dia		Each	2		
	b) 200 mm dia		Each	2		
20	Supplying, fixing, testing & commissioning of double flanged sluice valve (Gate valve) of rating PN 1.6 with Rising Stem (OS&Y) / Non-Rising Stem bronze/gun metal seat, Manual Hand wheel ISI marked complete with nuts, bolts, washers, gaskets, and confirming to IS:780 of following size as required	Shah Bhogilal / KBL / Upadhya/ Kalpana/ Kartar/Zoloto/ Audco /Sant or equivalent				
	a) 200 mm dia		Set	2		
	b) 150 mm dia		Set	3		
	c) 100 mm dia		Set	1		
21	Supply, Installation, and Testing, of mud pump power 3HP, flow rate minimum 100LPM, pressure up to 10bar including all piping accessories, suction, and discharge 1.5" to 2"	Lubi, Kirloskar, Wilo, KSB or EAM or equivalent	Each	1		

22	Providing, fixing, testing & commissioning of installation control valve of cast iron body, brass/bronze working parts comprising of water motor alarm, bronze seat clapper, clapper arm and hydraulically driven mechanical gong bell to sound continuous alarm when the wet riser/sprinkler system activates, pressure gauges, emergency releases, strainer, pressure switch, cock valve complete with drain valve and bypass, test control box, ball valves, MS pipe of required size, flanges, orifice plate, gasket etc of following sizes as required.	Shah Bhogilal / KBL / Upadhya/ Kalpana/ Kartar/Zoloto/ Audco /Sant or equivalent				
	150 mm dia		Each	1		
23	Supply, Installation, and Testing of shock absorber in pump room to mitigate dynamic loads, vibrations, and transient shock events generated by pump start-ups, shutdowns, and water hammer effects, Body of Stainless Steel with corrosion-resistant finish, Piston and Cylinder must be hardened steel components with low-friction coatings, high-performance elastomers seal of Viton, EPDM), Shock load absorption, Temperature Range: Typically -10°C to 80°C,					
	a) 4"		Each	1		
	b) 6"		Each	2		
24	Supply, Installation, and Testing of Air release valves shall be provided at all high points in the piping system for venting. Valves shall be of the double float type, with G.M. body, vulcanite balls, rubber sealing, etc. Air valves shall be of the sizes specified and shall be associated with an equal size forged ball valve.	Shah Bhogilal / KBL / Upadhya/ Kalpana/ Kartar/Zoloto/ Audco /Sant or equivalent	Each	9		
25	Ground Portable Monitor flow rate 1880 LPM approx. at 7 bar, Range minimum 48m, having 2-way inlet connection, material stainless steel.	AAAG (Shah Bhogilal), Newage, HD Fire or equivalent	Set	1		
26	Supplying and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200 mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25 mm dia gun metal wheel valve with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required.	Customise as per requirement	Set	1		
27	Providing and laying 60mm thick factory-made cement concrete interlocking paver block & kerb stone (at damage due to work) of M-30 grade made by block making machine with strong vibratory compaction and of approved size and design/ shape laid in required colour and pattern over and including 50 mm thick compacted bed of course sand, filling the joints with coarse sand etc. all complete as per all royalty, taxes and direction of engineer- in-charge.		Sqm	20		

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28	Repairing crack in wall by cement grouting (2:1) (at damage due to work)including widening the crack on the surface (into V - section) cleaning and packing the same with cement mortar (2:1) and finishing off to match with adjacent surface.	Cement :- Nuvoku, Ultratech premium, ACC , Prism	Mtr	300.0		
29	Replacing 18mm Marble stone as per sample of marble similar colour for drive way shade colour and texture laid over 20mm thick base cement mortar1:4(1cement:4 Coarse sand) with joint treated with grey cement slurry , including rubbing and polishing complete with.		Sqm	10		
30	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI:12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes with all necessary fittings and the base support for tank.	Syntax, Supreme or equivalent	lit.	5000.00		
TOTAL (ALL INCLUSIVE)						

S. No.	Item description Approved Make	Unit	Qty	Rate/ Unit (Inclusive GST)	Total Amount (Inclusive GST)
31*	Buy back of obsolete M.S. black pipes and all type of obsolete valves etc.	kg			

- *For S. No. 31, quantity (kg) of obsolete M.S. black pipes and all type of obsolete valves may vary. Please mention the rate as per kg.

NOTE:

- Bidders are strongly encouraged to visit the project site to gain a thorough understanding of the work involved before submitting their bids. This allows them to assess the site conditions, identify potential challenges, and gather necessary information for accurate cost estimation and bid preparation.
- advised to visit the site to familiarise with the site for assessing the work.
- Underground mains should be laid not less than 1 m below ground. Where soil conditions are unsatisfactory, masonry or equal supports should be provided at regular intervals.
- Above ground mains should be adequately supported at regular intervals not exceeding 3.5 m. when located near buildings, the main should be at least 2.0 m away from the face of the building.
- The fire hydrant mains should always be laid in rings or crosslinked rings, that is, all the mains should be interconnected.

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- Main of not less than 100 mm dia up to three hydrant and 150 mm dia up to five hydrants may be used.
- The firewater network piping should normally be laid above ground at a height of at least 300 mm above finished ground level.
- The spacing of supports shall be 3.5 m for 80,100 and 125 dia. Pipes, 5m for 150, 200 and 250 mm dia pipes and 7 m for above 250 mm dia pipes.
- The main shall have at least one meter earth cushion in open ground and 1.5 meter earth cushion under the roads.
- Fixing of all damage parts during work like RCC structure, paver block, kerb stone, boundary wall, would be repair by the vendor from & to almost similar shape sizes wherever necessary in all manner like Plaster, refilling of earth, fixing & matching pavers or tiles, colours etc.

SEAL OF THE FIRM

(SIGNATURE OF THE AUTHORIZED SIGNATORY)

PLACE:

NAME :

DATE:

Note: To be filled and uploaded by applicants as Annexure – G (2ND PACKET)