



निविदा प्रपत्र (प्रकाशन)

**सेंट्रल बैंक ऑफ इंडिया अपने
317एम जी मार्ग, पुणे स्थित
आंचलिक कार्यालय भवन पे**

Fire Hydrant System प्रस्थापित करने हेतु प्रतिष्ठित सेवा प्रदाताओं से निविदा आमंत्रित करती है

निविदाकार का नाम : - _____

निविदा प्रस्तुत करने की अंतिम तिथि: 23.03.2023 दोपहर 03:00 बजे तक

निविदा खोलने की तिथि)केवल प्रि-क्वालीफिकेशन/टेकनिकल निविदा(: 23.03.2023 दोपहर 03:30 बजे

निविदा शुल्क: डिमांड ड्राफ्ट के रूप में ₹2,000.00 (दो हजार मात्र (अप्रतिदेय)

बयाना जमा राशि: डिमांड ड्राफ्ट के रूप में ₹12,000.00 (बारा हजार मात्र)

**सेंट्रल बैंक ऑफ इंडिया,
व्यवसाय सहायता विभाग
पहिली मंजिल आंचलिक कार्यालय
317एम जी मार्ग, कैप
पुणे 411001
दूरभाष:- 020-26131611-14**



Tender Document

**Central Bank of India invites tender from established and reputed contractors for Supply ,
installation, testing and commissioning of Fire Hydrant System at its office building at 317,
M G Road, Camp, Pune 411001**

Name of the Tenderer: - _____

Last Date of Submission: 23.03.2023 at 3.00 PM

Date of Opening of bid: 23.03.2023 at 3.30 PM

Tender fee: ` 2,000.00 non-refundable in the form of DD

Earnest Money Deposit: ` 12,000.00 DD in favor of Central Bank of India, Payable at Pune

CENTRAL BANK OF INDIA,
General Administration Department,
1st floor, Zonal Office,
317, M G Road, Camp,
Pune 411001
Ph:- 020-26131611-14

Dear Sir/ Madam,

Reg: Supply ,Installation ,Testing and Commissioning(SITC) of Fire Hydrant System at Bank's Buildings at 317, M G Road, Camp, Pune 411001- Tendering

Central Bank of India, Zonal Office Pune invites tender for **Supply, Installation, Testing and Commissioning (SITC) of Fire Hydrant System at Bank's Buildings at 317, M G Road, Camp, Pune 411001**. Contractors shall be specialist agency engaged in the work of supply and installation of Fire Fighting systems, Contractor must submit with the tender a list of similar jobs carried out by him as required along with the name of works, name and address of clients, year of execution, capacity of plant and value of work. It is mandatory for the bidders to visit the location of said work before submission of bids.

The tenders will be issued by Bank to contractors from 3/03/2023 during working hours (10 AM to 5 PM) from our office at Zonal office, 1st floor, 317, M G Road, Camp, Pune 411001 on payment of tender fees (non-refundable) of `2000.00 ('Two thousand only) in the form of draft favoring "Central Bank of India" payable at Pune. Tender details are also available on Bank's website www.centralbankofindia.co.in

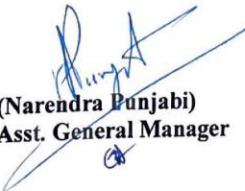
The Tenders should be submitted in two Separate envelop No. 1 (Technical Bid) containing Earnest Money Deposit, technical specification and Terms & Conditions of Tender duly signed on each page & Envelop No. 2 (Price Bid) containing schedule of work/specification & rates for the above mentioned work. The specifications, conditions of contract and schedule of work be carried out are enclosed herewith.

Please Note that the Bank does not bind itself to accept the lowest or any Tenders and reserve itself the right to accept/ reject any or all tenders either in whole or in part, without assigning any reason for doing so.

The tender (both envelopes) duly filled in and signed on each page shall be submitted in sealed cover marked as technical bid and Financial bid, clearly subscribing the name of the said work, to Asst General Manager- BSD, Central Bank of India, Zonal Office, 317, MG Road, Camp, Pune 411001 so as to reach us not later than 3.00 p.m. on 23/03/2023. Late tenders are liable to be rejected.

The tender should be submitted along with the earnest money deposit demand draft of amount ` 12,000/- (' Twelve Thousand only) favoring "Central Bank of India" payable at Pune. Firms who are registered as MSME firms need not submit EMD. The earnest money deposit of unsuccessful tenders shall be returned after finalization of the bidder mostly within 30 days from the date of opening of tenders. No interest shall be paid on the earnest money deposit amount.

For any further information on the tender, Zonal Office, Pune may be contacted (Ph. No.020- 26131614; extension -----).


(Narendra Punjabi)
Asst. General Manager

PRE-QUALIFICATION ELIGIBILITY/ TECHNICAL BID

1. **Prior to submission of tenders, it is mandatory for contractors to visit the location of said work preferably within weeks' time from issuance of tender document and to become well acquainted with the nature, scope, extent, location, working condition etc. of the work. They will inspect the site, study the drawing details specifications and obtain all required clarifications from the department. Submission of bids without site visit shall not be acceptable.**

SN	Minimum eligibility criteria	Documents required
1.	Name of the Company/Firm/Applicant and address of the registered office:- Phone No:- Fax No:- E-mail:- Mobile No:- Website, if any:-	Firm registration certificate/ Firm/ partnership deed/ experience certificate
2.	Date and year of establishment (enclose documentary evidence) Trade License, Registration Certificate Copy	Relevant Certificate/ document shall be submitted
3.	The firm should have Experienced and qualified staff who are expertize in similar work and office located at Pune .	Staff structure along with supporting documents are to be submitted
4.	List of Govt./ Quasi-Govt. Deptt. And other organizations of repute with whom the company is empaneled/ working	Satisfactory Completion certificate certified by Engineers/ officer in-charges shall be submitted
5.	Atleast three work of Rs. 2.5 Lakh in last three years OR Atleast two work of Rs. 4 Lakh in last three years OR Atleast one work of Rs. 5 Lakh in last three year of Fire Hydrant & Sprinkler System	Certificate by an authorized officer/ Chief Project Manager or equivalent of the organization for whom the works has been done. In case of private project, project architect/ engineer will have to certify the execution of work. Annex the copy of the work order. Additionally, committee may, at its own discretion visit the site/s.
6.	Company should have minimum Five Year Experience List of similar work completed in Banks/Government offices/institutions etc in last 5 years with details enclosing completion certificate from the clients the clients along with the names of two responsible clients/ persons with address & telephone number	Satisfactory Completion certificate certified by Engineers/ officer in-charges shall be submitted
7.	List of similar works in hand with details enclosing the copies of work orders from the clients.	
8.	Copies of the Audited Balance Sheet for the last three (3) Years along with the Profit & Loss Account.	Audited balance sheet of relevant period shall be submitted
9.	Valid Income Tax/ Pan Card, GST Registration for the State of Maharashtra	
10.	List of disputes/ litigations entered into, if any, with its details.	
11.	Whether the firm have valid license from Maharashtra Fire Service, if yes, enclose certificate	Relevant Certificate/ document shall be submitted

GENERAL CONDITIONS

1. **Prior to submission of tenders, it is mandatory for contractors to visit the location of said work preferably within weeks' time from issuance of tender document and to become well acquainted with the nature, scope, extent, location, working condition etc. of the work. They will inspect the site, study the drawing details specifications and obtain all required clarifications from the department.**
2. Item to be carried out are listed in the attached schedule of quantities. Bank reserves the right to add/omit any items /partly or fully without giving any reasons. The rate for any new item introduced shall be settled by the Bank after getting necessary rate analysis from the successful bidder.
3. The extra and deviated item rates shall be settled by a rate analysis wherein a gross profit (inclusive of overheads) of 15% of total cost of material + Labor shall be paid, Cost of material being supported by vouchers and labor estimated as per approved norms or as per actual, if norms are not available.
4. The quantities contained in the scheduled are only approximate/ notional and may vary, for which no extra compensation will be paid to the contractors. They are meant only for tendering purpose, so that a common base is available for comparison. The work actually done will be measured as per actual and paid for, as mentioned above.
5. The contractor shall at his own expenses rectify the unsatisfactory works within 7 days from the date of intimation. In case of failure to do so, Bank reserves the right to carry out the work through any other agency/agencies and such expenditure will be recovered from the Contractor in due course of time.
6. All soil filth; rubbish and other objectionable materials shall be at once carted away out of the premises as per local authority's rules in force, if any, at his own cost and expenditure. In absence of above, the Bank may do at the Contractor's risk and cost.
7. The Bank does not bind itself to accept the lowest or any tender and reserves itself the right to accept/reject any or all the tenders without assigning any reasons for doing so.
8. The rates quoted in the tender should include all charges for material, labor, transportation and taxes, if any etc. and bank shall not be responsible for any other incidental expenses in this connection.
9. The Rates shall be firm and fixed and shall not be subject to any change, variation in price of materials and labor, labor strikes whatsoever and shall hold good till completion of work. No escalation shall be payable for price variation and / or changes in tax structure.
10. An acceptance of the contract shall mean essentially acceptance of rates for each individual items of work. The actual payment however shall be made on actual authorized quantities of the work done, based on joint measurements at accepted tender rates, and / or approved extra and deviated item-rates, for extra and deviated items.
11. The tenderers are requested to sign the tender form and the schedule of quantities on all pages otherwise the same shall be rejected.
12. No extra shall be paid for any minor alterations modification/addition made in design/specification while work is in progress and as per site requirements.
13. Rates quoted in the tender/quotation should be valid for at least 120 days from the date of receipt of the order.
14. Contractor shall have to complete the work within **30 days** from the date of commencement of the work as stated in Appendix I.
15. **In case, contractor fails to complete the work within the said period, liquidated damages @ 0.50% per week and part thereof maximum up to 5% of contract value will be levied till the work is completed in all respects, as per bank's specifications.**

16. Earnest money deposit of Rs.12,000.00 (Rupees Twelve Thousand only) shall be submitted in the form of demand draft/banker's cheque favoring "Central Bank of India" payable at Pune. Firms register with MSME may not submit EMD/Tender Fee. No interest shall be allowed on the Earnest Money. Bids without earnest money shall be summarily rejected. However MSMEs are exempted from paying Tender Fee, EMDs as per MSME Act 2012. For getting the benefits in case of MSME firms, contractors / agencies should **submit valid exemption certificate** issued from the relevant authorities. However, in case MSME bidder is awarded a contract, the security deposit of the value mentioned above will have to be submitted by the bidder before award of the contract
17. The successful Bidder's EMD will be converted as non-interest bearing Performance Security Deposit and shall be kept with the Bank till completion of the Defect Liability Period i.e. for one year.
18. The successful tenderer shall extend full cooperation and coordination with other agencies that are executing other related jobs at site and ensure to complete the overall work expeditiously.
19. Best specified materials are used by the firm and to complete the job with utmost workmanship and as per bank's requirements.
20. No compromise on material and workmanship shall be allowed at any stage.
21. Time bound program to be fixed and adhered to. In exceptional case, request may be considered for granting extension in time limit.
22. Certificate to be kept on record about the specification/material used from the contractors and the copy of the same to be forwarded to us for our records. All care to be taken for satisfactory completion of the work in neat and tidy conditions.
23. Safety and security of the material and Labor will be responsibility of the contractor and Bank will not be responsible for the same.
24. It shall be responsibility of the Contractor to liaison with concerned/competent authorities i.e. PCB, PMC, PWD, Police, Local Development authority or other directly/indirectly involved in the work and ensure to obtain necessary permission / approval for smooth completion of the overall job in neat and tidy conditions and without any hindrances. However all communication shall be carried out by bank and contractor will carry out required follow-up.
25. The tenderer must not assign the contract or sublet any portion of the contract except with the written consent of the Bank
26. The Contractor shall strictly comply with provision of contract labor (Regulation & Abolition) Act of Maharashtra Govt.
27. No change in design / specification by bidder is permitted unless otherwise approved Bank Official / Architect.
28. Any and all the permissions/NOC (Form A, Form B) required to be obtained from relevant authorities e.g. Municipal Corporation/ PWD/ MSEDCL/ Fire dept. etc., or any other for the repair including out of pocket expenses etc. shall be contractor's responsibility. However any letters by Bank as required for the same and any official charges/fees shall be Bank's responsibility.
29. The contractor shall be responsible of making good of public property in case of any damage happened during execution of said work.
30. The Bidder shall have necessary registration with State / Central Revenue Dept. i.e. GST, PAN CST etc.

I/ We hereby declare that, I/ We have read and understood the above conditions and I/We agree to comply with the same. We accept the above conditions in Toto.

SIGNATURE OF CONTRACTOR
WITH DATE & SEAL

APPENDIX -I

1.	Name of Work	Supply ,Installation ,Testing and Commissioning of Fire Hydrant System at Bank's Buildings at 317, M G Road, Camp, Pune 411001
2.	Defect liability period	12 (Twelve) months from the date of completion of work
3.	Date of commencement	Within 7 days from issue of order or handing over site, Whichever is later
4.	Date / Time of completion	30 Days from the date of commencement of work as stated above (Sr.3)
5.	Liquidated damages	0.5% of the accepted contract sum per week and part there of subject to maximum of 5% of the accepted contract value.
6.	Earnest Money deposit	Rs. 12,000.00 along with tender to be submitted in the form of demand draft favoring "Central Bank of India" payable at Pune. Firms registered with MSME need not submit EMD

Drawing /Specifications & other technical terms

1. General

- a. The drawings/ specifications and bill of quantities shall be considered as a part of this contract. However, any minor change, if found, essential to co-ordinate the installation of this work with other traders shall be made without any additional cost to the owners. The exact location, distance and levels, etc. will be governed by the space conditions.
- b. These specifications are intended to cover the entire Supply, Installation, Testing and Commissioning of Fire Hydrant System at **Bank's Buildings at 317, M G Road, Camp, Pune 411001**, in the first class workmanship like manner and include all the works and materials as per particular specifications. This work shall be carried out in accordance with the regulations of local codes, if any, and the following specifications and codes which may govern the requirements of materials and equipment supplied and Fire protection manual of India.

- c. Generally works to be carried out as per BIS standard and applicable IS codes are listed below

IS:884-1985	Specification for first Aid Hose Reel for Fire Fighting
IS:901-1988	Specification for couplings, double male and double female instantaneous pattern, for firefighting purposes (revised)
IS:902-1992	Specification for suction hose couplings for firefighting purposes (revised)
IS:903-1993	Specification for fire hose delivery couplings, branch. pipe, nozzle and nozzle spanner (revised)
IS:904-1983	Specification. for two-way and three-way suction collecting heads for firefighting purposes (revised)
IS:908-1975	Specification for fire hydrant, stand post type (revised)
IS:909-1992	Specification for underground fire hydrant, sluice valve type (revised)

IS:937 -1981	Specification for washers for water fittings for firefighting purposes (revised)
IS: 1641-1988	Code of practice for fire safety of buildings (general): General principles and fire grading
IS: 1642-1989	Code of practice for fire safety of buildings (general): Materials and details of construction
IS: 1646-1997	Code of practice for fire safety of buildings (general): Electrical installation
IS:2871-2012	Specification for branch pipe, universal, for firefighting purposes
IS:3844-1989	Code of practice for installation of internal fire hydrants in multi-stories buildings
IS:5290-1993	Specification for landing valves

2. Shop Drawings

The work drawing indicates schematically the size and location of pipe, valves etc. will be prepared by successful bidder. The Contractor shall visit site and shall prepare and submit detailed drawings of all fire-fighting equipment, electric panels, piping and conduit laying, cabinets and special pull boxes etc., to the employer within 10 days of award of the work order. The contractor shall obtain necessary NOC and permission required to be obtained from local government authorities' e.g. After Completion of work, the contractor will submit three sets of in-built drawing of system and all work manuals for reference and record.

3. Clearance From local Authorities

After completing the proposed works in this tender, it would be the sole responsibility of the contractor to get the entire system approved by Local Authorities and obtain the Fire NOC and submit to our office within time line.

4. Painting

All piping, equipment, cabinets furnished under the specification shall be properly painted with one coat of anti-corrosive primer and two coats of 'FIRE RED' (SHADE NO. 536 of IS 5- 1961) Synthetic enamel paint after installation.

5. Defects and liability

All the equipment/material and the system shall be guaranteed against defective material and workmanship for a period of 12 months from the date of commissioning and handing over to the Employer along with all relevant documentation. The contractor shall repair/rectify or replace all the defective materials, components free of cost during the defect liability period. In addition, normal maintenance shall be carried out monthly during the defects liability period without any charge including replacement of spares, if required.

6. Instructions Manual/ Completion Drawing/Training

Contractor shall furnish detailed instructions and operation manual in duplicate. The contractor shall train the owner's personnel in the operation of maintenance of the system.

7. Testing

The contractor shall arrange to test the entire system as per the procedures enumerated under particular specifications, after the erection is completed. If the results of the test are not found to be satisfactory by us, necessary rectification shall be done until the test results are found to be satisfactory. The installation shall be deemed to be completed only after the successful completion of the tests.

8. Maintenance Manual

On completion of the entire work and successful commissioning, Contractor shall hand-over three copies of maintenance manual of all equipment installed by him. Maintenance manual shall include information relating to make, model no. year of manufacture and guarantee cards for all electrical and mechanical equipment with names of local suppliers or manufacturer's agents.

9. Measurements

Pumping sets, and switch board cubicle shall be measured by number and shall include all item necessary and required and given in the specifications. Earthing and power/control cabling shall not be measured separately but included in switchgear cubicle and shall include all items necessary and required to complete the work as per specification and relevant Indian Standards to the satisfaction of Engineer-in-charge/Consultant/Inspecting agency. Pressure Switches and Pressure Gauges shall not be measured separately but included in respective pumping sets and shall include all items necessary and required to complete the work to the satisfaction of Engineer-in-charge/Consultant.

10 Pump

- a. The electric driven main fire pump single stage or multi stage horizontal centrifugal end suction top discharge back pull out type having discharge capacity of 900 LPM motor 28 meter head with atleast 7.5 HP. The pump shall be mono block type with speed of 2900 RPM with complete set. Connecting shafts shall be stainless with bronze sleeves and grease lubricated bearings mounted on common mild steel base frames
- b. The electric driven Booster Pump shall be single or multi-stage horizontal, centrifugal, single or multi-outlet with cast iron bodies and bronze dynamically balanced impellers with approved type of mechanical seals. Connecting shafts shall be stainless with bronze sleeves and grease lubricated bearings mounted on common mild steel base frames. The Pump can deliver 900 LPM at 28 meter head with 7.5 HP Motor. The pump shall be mono block type with speed of 2900 RPM with complete set.
- b. The following accessories and fittings shall be installed on pumps and approved by the manufacture:
 - a) Base plate with concrete fitting
 - b) Lubrication fittings and seal piping.
 - c) Test and/or air vent cocks.
 - d) Suction and discharge shut off valves (butterfly type) and discharge check valves.
 - e) 25mm diameter galvanized iron gland drains.

11. Pipes and Fittings

- a. Pumps shall be installed in accordance with the manufacturer's recommendations and mounted with isolation pads, foundation bolts and the like on machinery isolation cork or any other equal and approved vibration isolation fitting laid on concrete floating foundation.

- b. Pump shall be factory aligned and before foundation bolts are grouted and couplings bolted, bed plate levels and alignment result shall be submitted to the Engineer for approval
- c. The Contractor shall prepare detailed working drawings, showing cross and longitudinal sections, details of fittings, locations of isolating and control valves, drain valves and pipe and structural supports based on the Tender Drawings. The Contractor shall submit the drawings to and have them approved by the Local Fire Authorities.
- d. Pipe work shall be carried out in a workmanlike manner, causing minimum disturbance to existing services, buildings, roads and structures. Pipe work shall be organized in consultation and co-ordination with other agencies work so that work in particular and identified areas shall be carried out without interruption.
- e. Pipes within buildings in exposed locations and shafts, including connections buried under floors, shall be black steel tubes conforming to IS 1239 (heavy class) with screwed flanged or welded joints as specified. Exposed pipes shall be given one primary coat of red oxide paint and two coats of synthetic enamel pain of approved colors.
- f. Fittings for mild steel pipes shall be approved malleable iron (forged fittings) for tapered screwed joints conforming to IS 1239 Part – II. Fittings not exceeding 50mm diameter shall be standard forged fittings.
- g. Pipe work shall be installed as follows:

Pipe Size	Material	Joints & Fittings	Sealing Material
Up to 65mm	G.I.'C' Class Heavy Class As per IS Code	Screwed Fittings Unions Raised face Slip-on Flanges	Non-Hardening Lubricant 3mm, 3-ply Rubber insertion
100 mm to	G.I.'C' Class Heavy Class	Welded Fittings Raised face Slip-on	3mm, 3-ply Rubber insertion

- h. Pipes using screwed fittings shall be accurately cut to required sizes and threaded in accordance with IS 554 with burrs removed before installation.
- i. Pipe work shall be properly supported by or suspended from stand clamps, hangers or the like. The Contractor shall design the system including suitable brackets, saddles, anchors, clamps and hangers and shall be responsible for the structural integrity.
- j. Pipe supports shall be of steel, adjustable for height and primer coated with rust preventive paint and finished with two coats of stove enamel paint to approved colours. Where pipes and clamps are of dissimilar materials suitable gaskets shall be used. The spacing of pipe supports shall not exceed the following:

Pipe Sizing	Spacing between Supports
3 to 12mm	1.22 meters
19 to 25mm	1.83 meters
32 to 150mm	2.44 meters

- k. Vertical risers shall be parallel to walls and column lines and shall be straight and plumb. Risers passing from floor to floor shall be supported at each floor by clamps or collars comprising steel structural supports attached to pipes with 15mm thick rubber pads or other equal and approved resilient material. Where pipes pass through roofs suitable flashings shall be provided to prevent water leakage. Risers shall have suitable clean outdoors at the lowest point and air vents at the highest point.

- l. Pipe sleeves 50mm larger than the diameter of pipes shall be provided wherever pipes pass through walls or slabs and annular spaces filled with fire proof materials such as putty fire seal or other equal and approved fire resistant material.
- m. Air release valves shall be provided at high points in piping systems for venting. Valves shall be double float type with GM / CI bodies, vulcanite balls, rubber seating and the like. Discharge from air valves shall be piped through equal sized mild steel pipes to the nearest practicable drain or floor waste.
- n. A short Branch pipe of SS/Gun Metal made as per design with all fitting, fixtures and accessories and testing of SS/Gun metal branch 63 mm made instantaneous inlet and fitted with hex-detachable nozzle 16 mm size heavy duty, bearing ISI mark of approved make shall be provided
- o. A double headed gunmetal 75 mm inlet fire hydrant valve (IS:5290-1983) oblique type, 63 mm female instantaneous outlet double headed having blank cap & chain, cast iron wheel etc. with complete set.
- p. A Cast iron Y type strainer for negative suction conforming to IS: 4038 with gun metal seat (flapper), nut bolts gasket etc. with complete set
- q. A non-return valve of double flange/Ball type with dia of 65mm to 100 mm shall comply BIS with matching flanges, nut bolts gaskets for pump

12. Fire Hose Reels

Standard fire hose reels conforming to IS 884 with 20mm diameter high pressure rubber hoses 30m long with 5mm bore gunmetal nozzles and control valves wall mounted on heavy duty mild steel circular hose reels with cast iron brackets. Hose reels shall be connected directly to pipe risers by independent connections

1. Fire Hose Cabinets

Hydrants shall be provided with hose cabinets fabricated from 16 gauge FRP cabinets with single or double glass front doors with locking arrangements and breakable glass key access arrangements, painted red with stove enameled paint, fixed to walls or self-supported on floors. Cabinets shall have approved separate key chambers with breakable glass and shall bear the words "FIRE HOSE" in a prominent position

2. Fire Brigade Inlet

External hydrants shall be equipped with gunmetal fire brigade inlet of reputed brand with four 63mm diameter instantaneous type inlets with built in check valves and one 50mm diameter flanged outlet connection. Collecting heads shall be connected to water main headers for use by the local Fire Brigade with header 100 mm CI C Class heavy duty pipe with complete set.

3. Butterfly Valves

Isolation valves exceeding 50mm on equipment and water lines shall be water type butterfly valves designed to fit without gaskets, water tight seals being obtained by EPDM seat projection at faces compressed between flanges. Valves shall be provided with mild flanges and high tensile steel bolts and comply with the following specifications:

a)	Test Pressure	Body 24 Bar, Seat 16 Bar
b)	Valve Component	Material of Construction
	1) Body	Cast Iron Gr. FG 260, IS210
	2) Disc	Nylon or Epoxy powder coated high Duty iron, Gr. FG 260
	3) Stem	Stainless steel or carbon steel IS 1570, Part-II
	4) Seat	EPDM
	5) Hand Lever (Mechanical Memory Stop)	Cast Iron

6)	Bearings	PTFE or Nylon covered S.S. bush Bearings at stem and pivot
7)	Primary Seal	Reinforced PTFE slide bearings
8)	Temperature	80°C (Max)

4. Electric Cable and panel

A DOL starter panel with main switch and one additional remote switch for operation of booster fire pump at terrace level. The cabling from control panel to motor and remote switch should have appropriate core and mm capacity of carrying current with at least more then 25% of safety margin at maximum consuming current level on full running load. The earthing strips shall consist at least 15mmX15 mm copper strips in 30 mm galvanized iron pipe from each electrodes. The earthing system shall comply BIS and electrical safety regulations.

5. Civil Work

The contract shall arrange for scaffolding for erection of pipeline from the Terrace to the ground. The riser pipeline shall be securely fixed to walls by suitable clamps and supports (galvanized after fabrication) at regular interval (not more than 2.5 meter). Only approved type of anchor fasteners shall be used for RCC slabs and walls. The necessary elbow, reducers, tees etc. shall be provided as per drawing. The diameter of water pipe shall be 100 mm in courtyard area of GI class "C" heavy duty pipe as per BIS 1239. The necessary coat of primer and at least two coat of enamel paint (fire red) shall be provided on the pipes of riser as well as courtyard area. The necessary civil RCC base foundation shall be provided for support of water ring pipe in maximum distance 3 meter. The underground piping shall be in road crossing/parking area on ground floor, the underground pipe shall insulated with 4 mm rapping and coating tape black in color shall be used on pipe. The removing of paper block and breaking of concrete for lying underground pipe and after proper reinstatement has to be ensured. The excavation & back filling of soil and concreting of pedestal for above ground pipes with complete job is to be ensured. The core cutting of overhead water tanks for suction inlet of Booster pump, the water proofing and proper reinstatement of overhead water tank after the work must also be completed.

ANNEXURE - II**LIST OF APPROVED MAKES FOR FIRE FIGHTING WORKS**

Sr No.	DESCRIPTION OF WORK	APPROVED AGENCIES
1	Pipe GI Class 'C' heavy duty Pipes	Tata/ Jindal (Hissar)/ Zenith/appolo
2	Pipe wrapping	IWL/Rustech/ Pypkote
3	Pipe fittings	Unik/ Jainsons/ Kirti
4	Ball valves	Zoloto / Itap/ RB/ Advance/ Leader/ Audio
5	Single headed Hydrant Valves, three way Fire Brigade inlet, hose r	Newage (ISI)/ Shah Bhogilal (ISI)/ Agni/ equivalent
6	20 mm diameter rubber pipe for hose reel	Dunlop / Jyoti(ISI) / Bharat(ISI)/ Newage/ Minimax/equivalent
7	Air release gun metal valve	Itap / Zoloto / RB/ Newage
8	Starters, switches T.P.N switch	Siemens/ ABB/ L&T
9	Sluice & non- return valves	Kirloskar/ Advance/ Zoloto/ Audio
10	Pressure Gauges	Fiebig / H. Guru/ Indfos
11	Enamel Panting of pipes etc.	Asian (Adcolite Only) /GoodlasNerolac / ICI/ Berger
12	Paint Primer	Asian / Jenson Nicholson/ Berger.
13	Dash Fasteners	Hilti / Fisher/ Arrow
14	Butterfly Valve	Advance / Danfoss/ Audco/ equivalent
15	MH Cover & Frame(CI)	Neco/ Kapilansh
16	MH Cover & Frame (FRP)	Thermo drain/ Everlast
18	Fire man Axe	Newage/ Safeguard
19	Push Button	Siemens/ Schneider/ Teknik
20	Indicating lamps	Siemens/ Teknik/ Schneider
21	Contactors , O/L Relays	Siemens/ Schneider/ ABB
22	M C C B	Siemens/ Schneider/ ABB
23	Cables	Polycab / RR / Havells
24	Cable Gland	Commet / Dowell / Polycab / Electromac
25	Cable Socket	Dowells
26	Welding Rods	AdvaniOerlikon/ Esab/ Ador/ Cosmos
27	Booster Fire Pump	Kirloskar / Mather and Platt/Crompton
28	Hose Reel drum with all fittings	Shah Bhogilal / Newage / Winco
29	Foot Valve	Zoloto/Zenith/Normax

To,

Asst. General Manager,
General Administration Department,
Central Bank of India,
Zonal Office, M .G .Road
Pune-411001

**Ref: Application for Installation and testing and commissioning of Fire Hydrant System
at Bank's Buildings at 317, M G Road, Camp, Pune 411001**

Dear Sir,

I / we have read and understood the instructions and the Terms & Conditions mentioned in the application form. I / we do hereby declare that the information furnished in the application and the supplementary sheets are correct to the best of my knowledge and belief.

I / we authorize Bank to approach our employers, clients, corporation organization etc. to verify the facts submitted by us.

Signature of applicant with seal

Name:

Designation:

Address:

Place

Date:

INFORMATION TO BE FURNISHED BY THE APPLICANTS

Name of the Organization

Address with telephone no. and
e-mail address if any.

Address
Telephone nos.
Fax no.
E-mail ID

Year of testing and commissioning

Status of the firm
(Enclose copy)

Proprietorship / partnership / limited /
trust / any other (please specify)

Name of Directors/ Partners/ Proprietor

- i)
- ii)
- iii)

Name and address of Bankers

- i)
- ii)
- iii)
- iv)

Important major projects executed during
last three years by the firm together with
approximate cost of individual projects and
full address of the clients for whom
the works have been executed

Important major projects on which the firm
is engaged at present and their estimated cost
the full address of clients shall be indicated
against each project.

Whether an assesses of income tax, if so,
mention permanent account number. Furnish
Copies of Income Tax Clearance Certificate

Whether registered with GST Department.
Please inform the registration number
and date of registration. Furnish copy
of registration.

Furnish copies of audited Balance Sheet and
Profit & loss account (audited) for the

last three financial years.

If you are registered in Panel of other
Organisation/ Statutory bodies associated with renewable energy
furnish their name, Category and date of registration.

i)

.....

.....

.....

v)

DETAILS OF DIRECTORS / PARTENERS

Form III

Sr. no.	Name of partners / directors	Academic qualification	Official designation	Address / phone / fax / e-mail
1.				
2.				
3.				

DETAILS OF REGISTRATION

Form II

Sr. no	Name of organisation / department	Registration no.	Date / year of registration	Enclosed proof	
				Yes	No
1.	Registrar of firms and societies				
2.	Income tax department (mention PAN no. with copy of latest income tax clearance certificate)				
3.	GST registration				

	certificate/ proof of depositing the tax)				
4.	Details of EPF account and registration				

FINANCIAL STATUS

Sr. no	Financial year	Turnover of the firm (in Rs. lacs	Profit / loss	Enclosed certified copies of audited balance sheets / chartered accountant's certificate.	
				Yes	No
1	2019– 2020				
2	2020– 2021				
3	2021-2022				

PROFORMA –1
PARTICULARS IN RESPECT OF WORK EXECUTED DURING LAST 3 YEARS

Sr. No	Name of the work/ project executed with address	Short description of work executed	Name and address of owner / consultant	Value of work executed Rs.	Stipulated time of completion	Actual time of completion	Date of commencement and completion of the work	Any other relevant information
1								
2								
3								
4								

Signature of the Applicant contractor

Note The contractor shall mention only those works executed during last 3 years which fulfills the eligibility criteria on this page. The list is to be substantiated with the documentary evidence such as work order and completion certificates in absence of which the application is liable to be rejected.
Other works should be mentioned on separate sheet.

PROFORMA- 2
LIST OF KEY PERSONAL PERMANANTLY EMPLOYED

Sr. no.	Name	Designation	Qualification	Experience	Years with the Firm	Any other information
1						
2						
3						
4						
5						
6						
7						
8						

Signature of the Applicant contractor

PROFORMA –3
PARTICULARS IN RESPECT OF WORK IN HAND

Sr.No	Name of the work/ project executed with address	Short description of work executed	Name and address of Owner	Value of work executed Rs.	Stipulated time of completion	Current Status Of Work	Any other relevant information
1							
2							
3							
4							
5							
6							
7							

Signature of the Applicant contractor

PROFORMA – 4
OTHER RELEVANT INFORMATION
WORK FORCE PERMANENTLY EMPLOYED
TRADE NOS.

Fire safety Engineer.....

Electrical engineer.....

Structural engineer.....

Others.....

LIST OF MACHINES AND EQUIPMENTS AND SOFTWARE
IN POSSESSION OF THE FIRM

.....

ii)

iii)

iv)

v)

vi)

ANNEXURE - V**Supply, Installation, Testing and Commissioning of Fire Hydrant System at its office
building at 317, M G Road, Camp, Pune 411001****FINANCIAL BID****NAME OF THE BIDDER –**

Estimate BOQ					
Sr No.	Fire Fighting down comer system	Qty	Unit	Rate	Amount
1	SITC of electric driven terrace fire Monoblock centrifugal single stage pump suitable for manual and automatic operation and consisting of following complete with base frame, foundation etc. as reqd.				
	Head - 28 Mtrs.				
	Discharge - 900 Lpm				
	Body - Cast Iron				
	Impeller - Cast Iron				
	Shaft - Stainless steel				
	seal - Mechanical	1	Set		
2	Supplying, Installation, Testing and Commissioning of floor mounted MV panel, fabricated out of 2mm, thick CRCA sheet, with hinged lockable doors, dust and vermin proof, powder coated of approved shade, earth terminals, numbering etc. complete in all respect, suitable for operation on 415 V, 3 phase, 50 HZ, AC supply with enclosure protection class IP 42 including providing following complete as reqd.	6			
a)	Selector switch for manual operation ON/OFF - 1 set.	1	Set		
3	Supplying of following sizes XLPE insulated PVC sheathed aluminium/copper conductor 1.1 KV grade armoured UG cable conforming to relevant IS etc. as reqd.				
a)	4 x 16 sq. mm (Aluminium)	20	Mtr		
b)	4 x 6 sq. mm (Aluminium)	40	Mtr		
4	Providing, laying, testing and commissioning of 'C' class heavy duty GI pipe of following size conforming to IS: 1239/3589 including fittings like elbows, tees, flanges, tapers, nut bolts gaskets etc. fixing on the wall/ ceiling with suitable clamps and painting with two or more coats of synthetic				

	enamel paint of required shade complete as required.				
a)	100mm	50	Mtr		
b)	80 mm	6	Mtr		
5	Supplying and fixing single headed internal hydrant valve with instantaneous stainless steel FM couplings of 63 mm dia and cast iron wheel ISI marked conforming to IS: 5290 (Type-A) with blank SS cap and chain as reqd.	5	Nos		
6	Supplying, fixing, testing and commissioning of butterfly valve PN 1.6 with Bronze/ Gunmetal seat duly ISI marked complete with Nuts, bolts, washers, gaskets, conforming to IS: 13095, of following size as reqd.				
a)	100 mm dia	3	Nos		
7	Supplying, fixing, testing and commissioning of dual plate non-return valve PN 1.6 with EPDM rubber lining seat and gun metal/stainless steel-304 disc complete with Nuts, Bolts, washer, gaskets, confirming to IS 5312, of following sizes as reqd.				
a)	100 mm dia	1	Nos		
8	Supplying and fixing 63 mm dia, 15 mtr. long RRL hose pipe with 63mm dia male and female stainless steel couplings duly binded with GI wire, rivets etc. conforming to IS: 636 (Type-A) as reqd.	10	Nos		
9	Supplying and fixing first-aid hose reel with MS construction spray painted in post office red, conforming to IS: 884 with upto date amendments, complete with the following as reqd.				
a)	30m long 20mm (nominal internal) dia water hose thermoplastic as per IS: 12585.				
b)	20mm (nominal internal) dia globe valve and stainless steel nozzle.				
c)	Drum and brackets for fixing the equipment on wall				
d)	Connections from riser with 40mm dia stop valve (gun metal) MS pipe.	5	Nos		
10	Supplying and fixing of hose cabinet of size) 750mm H x 600mm W x 250mm Dmm made of 2mm thick MS sheet with 6mm thick glazed glass doors i/c necessary locking arrangement suitable to accommodate external hydrant with butterfly valve, 2 Nos. 15 Mtr. long hose pipe 1 No. branch pipe, mounted on wall or raised brick platform duly painted with post office red externally and white internally with synthetic enamel paint complete as reqd.	5	Nos		

11	Supplying and fixing 63 mm dia, stainless steel branch pipe with 20mm (nominal internal diameter) size gun metal nozzle conforming to IS: 903, suitable for instantaneous connection to their connect hose pipe coupling as reqd.	5	Nos		
12	Supplying and fixing 2 way fire brigade connection of cast iron body with 2 Nos. 63 mm male coupling, NRV and rubber blank cap with chain as per IS 904 as reqd.	1	Nos		
13	Supplying & installation of cast iron metal body Strainer - with S.S filter of approved make of following dia. tested to with necessary bolts, nuts, gaskets, packing complete open/shut position duly indicated as approved by ISI etc. as complete to operate.				
a)	100 mm dia	1	Nos		
14	“Sintex” Heavy duty Double Layer ISI Mark (IS:12701) - One piece moulded cylindrical vertical Water storage tank with closed top with lid, (FDA approved) ,MOC : LLDPE , Code No. CCWS-1000-03-DW-ISI Cap. 10000 Liter, dia 83.6 x Ht. 124.4 x Manhole 20” inches.	1	Nos		
15	Core cutting and civil work	1	Set		
16	Fittings,steel support and paint	1	Set		
SUB TOTAL					
(A)					
GST @					
18%(B)					
GRAND TOTAL(A+B)					

(Signature of Bidder with Seal of the firm)

Name of Bidder/Company/Firm
Address of Bidder/Company/Firm

List of Documents to be enclosed with application form.

1. Status of the Firm / Registration certificate
2. GST registration certificate
3. Service tax registration certificate
4. Income tax registration certificate
5. Income Tax clearance certificate.
6. EPF registration certificate
7. Proforma-I
8. Proforma-II
9. Proforma-III
10. Proforma-IV
11. Photograph of major work executed. Completion certificates from clients / architects for similar jobs.
12. Solvency certificate from bank
13. Turn over certificate from Chartered Accountant.
14. Three years balance sheet.
15. Financial Standing Certificate from Chartered Accountant
16. Memorandum of association in case of partnership / limited company.
17. Demand draft ` 2000/- in favour of Central Bank of India payable at Pune.