



INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY
AN AUTONOMOUS INSTITUTE UNDER DEPARTMENT
OF SCIENCE AND TECHNOLOGY (GOVT. OF INDIA)

Vigyan path, PaschimBoragaon, Garchuk,
Guwahati – 781 035.

NOTICE INVITING QUOTATION(NIQ)

Advt. No.370

Dated.12.10.2022

Sealed quotations are invited from reputed licensed firms/contractors for the work “**Supply, Installation and Commissioning of Fire Extinguishing Hydrant System and Sprinkler System at Admin Building and SAIC Building of IASST, PaschimBoragaon, Guwahati-35**” as mentioned in the Annexure-I. The estimated cost for the total work is Rs. **11,62,725.00 (Rupees Eleven Lakh Sixty-Two Thousand Seven Hundred Twenty-Five Only)** including GST. Quotation will be received upto 04:00 PM on 03.11.2022. The quoted price must be valid for Three (3) months from the date of acceptance of the quotation and no change/alteration in the quoted price is admissible during the period with following terms and conditions.

Terms & Conditions:

- 1. Prices:** F.O.R., IASST including loading & unloading.
- 2. Validity:** 90 (Ninety) Days from the last date of the submission of the quotation.
- 3. Payment:** After completion of the work.
- 4. Completion:** Within 30 Days from date of order.
- 5. Warranty/Guaranty on items:** As per company norms.
- 6.** The items supplied will be subject to the acceptance of concerned IASST authority.
- 7. GST / taxes** if any shall be clearly mentioned in the Quotation.
- 8.** Bidder should deposit Rs. 2,000.00 (Rupees two thousand) only in form of Demand Draft in favour of Director, IASST, Paschim Boragaon, Ghy-35, along with the as tender fees.
- 9.** Bidder have to submit EMD of **Rs. 23,255.00 (Rupees Twenty-Three Thousand Two Hundred Fifty-Five Only)** will have to be deposited in the shape of Demand Draft/ Call Deposit / Bankers cheque/FDR of a scheduled Bank issued in favour of Director, IASST, Paschim Boragaon, Ghy-35. Tender fees & EMD will be exempted as per Govt rule on submission supporting documents.
- 10. Safety, Security and protection for the environment:** The contractor throughout the execution and completion of the works and remedying of any defects there in have full regard for the safety of the persons entitled to be on the site and keep the site in an orderly state appropriate to the avoidance of danger to such persons, provide and maintain at his own cost all necessary requirements and watching them where necessary required, take all reasonable steps to protect the environment on and off the site and to avoid damage to persons or to the property of the IASST or others resulting from noise/chemicals or other causes arising as a consequence of his methods or repair.
- 11.** Contractor shall undertake all safety precautions during the execution of the work. In case of



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injury to any person contractor shall always have arrangement to take him to hospital for treatment at his own cost. Contractor will be fully responsible for any repercussions which may arise as a result of violation of any safety norms on his part.

13. The Contractor will be fully responsible for any casualty during installation work or any other accident which occurs due to any reason. The IASST will not be responsible and liable for the same.

14. Any damage done to the existing installation, equipment or to the building particularly due to negligence on the part of the Contractor or its worker shall be entirely responsibility of the firm to repair, rectify or replace the same free of cost immediately without any delay.

15. The contractor will ensure and responsible to complete the work within a specified time and will not delay or leave the work mid-way for which no payment will be made to the contractor.

16. The work as a whole or part thereof is **non-transferable**.

17. The contractor is advised to visit and examine the site of works between 10 am to 4 pm at his/their cost and obtain for himself on his own responsibility all information that may be necessary for preparing the quotation.

18. The items to be brought to IASST if rejected by the competent authority, shall be removed / replace within 24 hours of such rejection.

19. Any dispute will be settled under Guwahati jurisdiction only.

Document /Information to be furnished by the Bidder (Mandatory):

1. Copies of work orders, performance and completion certificates etc. from the clients for similar works executed and completed in the last five financial years (2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022) ending last day of the month of September'2022.
2. Copies of original documents defining the constitutional and legal status, place of registration & business of the company / firm / partnership firm / individual etc.
3. Proposed site organization chart indicating bio-data of key personnel.
4. Details of construction equipment's, machinery, tools & tackles as well as testing facilities if available.
5. Copies of valid ITC and GST.



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6. **Valid license to carry out the fire safety and firefighting equipment supply and installations.**
7. Declaration that the firm has not been blacklisted by anyone.
8. PF registration and copy of certificate thereof.
9. Quality assurance plan along with list of recognized test houses proposed for various tests.
10. Bidder may furnish any further information as considered necessary.

Instruction to Bidders:

1. Information furnished will be kept confidential.
2. All pages of documents to be signed by the bidder.
3. Each document furnished along with the quotation will be required to be signed by person / person holding power of attorney on behalf of the organisation.
4. IASST shall not be responsible for any delay, loss or non-receipt of quotations. Delayed quotations or bids received in late shall not be considered.
5. FAX / Mail bids shall not be entertained.
6. For any discussion / clarification required on this NIQ, respective bidder shall be intimated in due course after opening of the bids.
7. The bidder must submit a copy of the recent passport size photo with the self-attested.
8. The bidder must submit all the mandatory documents failing which the quotation will be rejected.
9. **Quoted price for the items mentioned in Annexure-I are should be inclusive of all overhead, all other costs and inclusive of GST on supply, installation and commissioning contract. Statutory deductions will be made from the final bill amount.**

(D. Goswami)

Registrar, IASST



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TECHNICAL SPECIFICATIONS FOR FIRE HYDRANTS SYSTEMS

Scope of work:

The contractor is required to complete the “Supply, Installation and Commissioning of Fire Extinguishing Hydrant System and Sprinkler System at IASST, PaschimBoragaon, Guwahati-35” through technically trained and experienced manpower as per approved rates and guidelines of Jr. Electrical Engineer /Asstt. Engineer without any fault as per **Annexure-I**.

Standards and Codes:

The following codes and standards and their subsequent modifications shall apply for the design, manufacture, shop testing, erection, fabrication at site, testing and trial operation of piping, valves and specialties requirements:

1. IS – 1648 – 1961 Code of Practice for fire safety of building (general) firefighting equipment and maintenance.
2. IS – 3844 – 1966 Code of practice for installation of internal fire hydrant in multi-storied building.
3. IS – 2217 – 1963 Recommendation for providing first aid and firefighting arrangement in public buildings.
4. IS – 3589 Electrically Welded Steel pipes (Medium class)
5. IS – 1239 Mild steel tubes, Tubulers and other wrought steel fittings (Medium class)
6. IS – 780 C.I. Double flanges sluice valve.
7. IS – 778 S.S. 304 Valves
8. IS – 909 – 1965 External fire hydrant (underground)
9. IS – 5290 – 1969 Internal Landing Valve
10. IS – 884 – 1969 First and hose reel
11. National building Code.



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ANNEXURE – I

Sl.	ITEM	No.	x	No.	x	NO.	x	L	x	B	x	H	=	Qty	Unit
	Supply and installation of M.S. Pipe to i.s. 1239(medium class)complete with full fitting like, union, coup = lings, bends, elbows, tees,offsets, reducer, flanges, as per table 'E' etc. to complete the works as per the requirement at site including painting with one coat of primer after surface preparation and two costs of thick synthetic enamel paint, curring and making good the walls god complete. Not: The pipe will be hung from the ceiling using GI fully threated rods and GI Hanger rings only.														
	A) 100 MM Dia.														
		1	X	1	X	1	X	336.0	X	1			=	336.00	RM
													=	336.00	RM
	B) 80 MM Dia.														
		1	X	1	X	1	X	18.0	X	1			=	18.00	RM
													=	18.00	RM
	Supply and installation of Hydrant valve conforming to IS 5290 with 63mm dis. Instantaneous female coupling on the outlet with blank cap abd chain, necessary companion flanges (as per table "E" nuts, bolts, washer and gaskets complete as per specification .(IS marked														
		1	X	1	X	1	X	18.0	X	1			=	18.00	Nos.
													=	18.00	Nos.
	Supply and installation of first aid fire horse reel wall mounting. swinging type fitted with 25mm diams pipe connection with jyoti or equivalent make 20mm x 30 mtr rubber horcccccse with 5mm outlet gun metal nozzle with shut off valve														
		1	X	1	X	1	X	18.0	X	1			=	18.00	nos
													=	18.00	nos
	Supply and installation of 63mm dia. 15mtr. Long RRL horse including male and female instantaneous type coupling, machine, wournd with copper wire complete in all respects. Horse shall conform to IS 636.88 type A and coupling to IS 903-1975(ISL marked)														
		1	X	1	X	1	X	18.0	X	1			=	18.00	nos
													=	18.00	nos
	Supply and installation of standard short size Brance pipe with nozzle 16mm dia. Outlet with standard instantaneous type 63mm dia. Coupling (ISI marked)														
		1	X	1	X	1	X	18.0	X	1			=	18.00	nos
													=	18.00	nos
	Supply and installation of action Air release valve with screwed inlet 25mm dia.														
		1	X	1	X	1	X	3.0	X	1			=	3.00	nos
													=	3.00	nos



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	Supply and installation of hose cabine as per sample approved by the consultant. The construction of the cabinet to be in 18G CR sheet with red color powder coating .												
	1	X	1	X	1	X	18.0	X	1		=	18.00	nos
											=	18.00	nos
	Supply and installation of C.I. butterfly valves PN 1.6 complete with bolts, nuts 3mm thick compressed asbestos gasket companion flanges as per table “E” cpmplete.												
	A) 100 mm Dia												
	1	X	1	X	1	X	12.0	X	1		=	12.00	nos
											=	12.00	nos
	Supply and installation of the electric driven main Fire Pump Sets for hydrant & Sprinkler system suitable for manual/ automatic operation as per specification as required and consisting as specifications as required and consisting of the following: complete in all respect as required. (10hp)												
	1	X	1	X	1	X	1.0	X	1		=	1.00	Set
											=	1.00	Set
	Supply and installation of the electric driven main Fire Pump Sets for hydrant & Sprinkler system suitable for manual/ automatic operation as per specification as required and consisting as specifications as required and consisting of the following: complete in all respect as required. (3hp)												
	1	X	1	X	1	X	2.0	X	1		=	2.00	Set
											=	2.00	Set
	Supply and installation of cast iron body non-return valves complete with matching flanges, rubber insertion, nuts, bolts, and washer etc.(IS:5312)of following sizes.												
	A) 100 mm Dia												
	1	X	1	X	1	X	3.0	X	1		=	3.00	nos
											=	3.00	nos
	Supply and installation of 2 way fire bridge inlet connection of cast iron body with 2 nos. Gun metal male instantaneous intal coupling complete with cap and chains as required for 150mm dia MS pipe connection conforming to IS:904 as required.												
	1	X	1	X	1	X	3.0	X	1		=	3.00	Set
											=	3.00	Set
	Supply and installation of Fire Alam System MCP & Hotter												
	1	X	1	X	1	X	12.0	X	1		=	12.00	Set
											=	12.00	Set
	Installation , testing & commissioning charge of hydrant & Sprinkler System												
	1	X	1	X	1	X	1.0	X	1		=	1.00	Job
											=	1.00	Job