

FINANCIAL BID

Name of Work: Non-Comprehensive AMC of Fire Hydrant System installed at Central University of Rajasthan. (SH: Rate Contract of Spare Parts)
NIT No. CURAJ/R/F.143/2022/3567 dtd 16.12.2022

S.No.	Description of Work	Qty.	Unit	Rate (Rs.) Incl. GST	Amount (Rs.) Incl. GST
A	<i>Schedule - A (Non-Comprehensive Annual Maintenance Contract)</i>				
1	<p>Non-Comprehensive Annual Maintenance Contract of Fire Hydrant System installed at various buildings of CURaj as per tentative list of inventory of fire hydrant system in Annexure-X. The AMC work includes:</p> <ul style="list-style-type: none"> - Routine Inspection, General Check-up, Servicing & Testing of fire hydrant system and allied equipments & accessories etc. complete in all respects on Quarterly basis. - Any breakdown/emergency calls to be attended on immediate basis on all days i/c holiday & Sunday within time mentioned in NIT. - Identifying the defects if any, anywhere in the system and report to Engineer-in-Charge. - Attending minor repair works like leakages, welding, reconditioning of fire pumps & panels, rewiring, fixing of door hinges etc. as required on site as per std practice and directions of Engineer-In-Charge. - Replacement of spare parts to be done on chargeable basis as per Schedule-B with the approval of the University. However, consumables shall be in the scope of the contractor. (1 job = 3 months) 	job	4		
	Total Amount (in Rs.) incl. GST= 'A'				
B	<i>Schedule - B (Rate Contract of spare parts of Fire Hydrant System)</i>				
1	Supply & replacement of following items/parts found defective/worn out during NC-AMC work of fire hydrant system including testing & commissioning etc. as required on site, complete in all respects under buyback of old item/part.				
1.1	Pressure Switch in M.S. pipe line including connection etc. as required.	10	Each		
1.2	Pressure Gauge in M.S. pipe including connection etc as required.	10	Each		
1.3	Single headed internal/external hydrant valve with instantaneous Gunmetal/Stainless Steel coupling of 63 mm dia. with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal/Stainless Steel cap and chain as required				

1.3.1	Single headed Gunmetal	15	Set		
1.3.2	Single headed Stainless steel	15	Set		
1.4	Butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :				
1.4.1	100mm dia..	5	Set		
1.4.2	80mm dia..	5	Set		
1.5	Double flanged sluice valve of rating PN 1.6 with non-rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required - 100 mm dia..	3	Set		
1.6	Orifice plate made out of 6 mm thick stainless steel (Grade 304) with orifice of required size to be fitted between flange & landing valve of external and internal hydrants to reduce pressure at the outlet to the level of 3.5 kg/cm ² complete as required.	8	Each		
1.7	Non-return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required - 100 mm dia..	5	Set		
1.8	Stainless steel Y-strainer fabricated out of 1.6 mm thick stainless steel, Grade 304, sheet with 3 mm dia.. holes with stainless steel flange - 80mm dia..	5	Each		
1.9	Brass ball valves (PN-16) duly ISI marked confirming to IS : 9890-1981 complete with flanges, Nuts, Bolts, washers, gaskets etc of following sizes as required complete in all respect				
1.9.1	25 mm	10	Set		
1.9.2	65 mm	5	Set		
1.10	63 mm dia., 15 m long RRL hose pipe with 63 mm dia. male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required - Stainless Steel (Grade 304)	5	Set		
1.11	63 mm dia. short branch pipe with 20 mm nominal internal dia. size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required : Stainless Steel (Grade 304)	15	Nos		
1.12	Air release valve in the existing 25 mm Dia.. pipe line as required.	10	Set		
1.13	25mm dia. Gun metal wheel valve for drainage	10	Set		

1.14	Hose Cabinet made of 1.6 mm thick MS sheet with 6 mm thick glazed glass doors including 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 duly painted with post office red externally and white internally with synthetic enamel paint complete in all respect, for internal/external hydrant complete as required.				
1.14.1	size 1000 mm x 600 mm x 500 mm	5	Each		
1.14.2	size 750 mm x 600 mm x 250 mm	5	Each		
1.15	19/20 mm nominal internal dia. water hose thermoplastic (Textile reinforced) type -2 as per IS: 2585 - length 30m	10	Set		
1.16	19/20 mm nominal internal dia. gun metal gate valve	10	Each		
1.17	Shut off nozzle ABS Plastic 20/25 mm	50	Each		
1.18	Hose Reel Drum spray painted in post office red conforming to IS and	5	Set		
1.19	Fire brigade connection gun metal male instantaneous inlet couplings complete with cap and chain as reqd. for suitable dia. MS pipe connection conforming to IS 904 as required : 3 way - 150 mm dia. M.S. Pipe	2	Set		
1.20	Laying of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required :				
1.20.1	80 mm dia.	30	Mtr		
1.20.2	100 mm dia.	50	Mtr		
1.20.3	150 mm dia.	30	Mtr		
1.21	LT Contactor suitable for following sizes of Fire pumps/motors				
1.21.1	03 Ph, 50 Hz, 415 V, AC, 05 hp capacity.	10	Each		
1.21.2	03 Ph, 50 Hz, 415 V, AC, 15 hp capacity.	1	Each		
1.21.3	03 Ph, 50 Hz, 415 V, AC, 40 hp capacity.	1	Each		
1.22	Relay/ Single phase preventer suitable for following sizes of Fire pumps/motors				
1.22.1	03 Ph, 50 Hz, 415 V, AC, 05 hp capacity.	10	Each		
1.22.2	03 Ph, 50 Hz, 415 V, AC, 15 hp capacity.	1	Each		
1.22.3	03 Ph, 50 Hz, 415 V, AC, 40 hp capacity.	1	Each		
2	Painting (one or more coats) on pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour on old work for following sizes of pipes				

2.1	75/80 mm dia. meter pipes	300	Mtr		
2.2	100 mm dia. meter pipes	2000	Mtr		
2.3	150 mm dia. meter pipes	800	Mtr		
2.4	Fire Hydrant Cabinet (1000 x 600 x 500) in mm	100	Each		
2.5	Fire Hydrant Cabinet (750 x 600 x 250) in mm	300	Each		
3	Repairing of Fire Pumps and Motors				
3.1	Copper rewinding of existing burnt unit under buyback of old copper incl. handling charges, as per standard practice.				
3.1.1	03 Ph, 50 Hz, 415 V, AC, 05 hp capacity.	10	Each		
3.1.2	03 Ph, 50 Hz, 415 V, AC, 15 hp capacity.	1	Each		
3.1.3	03 Ph, 50 Hz, 415 V, AC, 40 hp capacity.	1	Each		
3.2	Replacement of parts like bush/bearing/oil seal etc. with new one of same size/rating under buyback of faulty one as per standard practice incl. handling charges.				
3.2.1	03 Ph, 50 Hz, 415 V, AC, 05 hp capacity.	10	Each		
3.2.2	03 Ph, 50 Hz, 415 V, AC, 15 hp capacity.	1	Each		
3.2.3	03 Ph, 50 Hz, 415 V, AC, 40 hp capacity.	1	Each		
3.3	Repairing of rotor/stator/shaft etc. as required as per standard practice incl. handling charges.				
3.3.1	03 Ph, 50 Hz, 415 V, AC, 05 hp capacity.	10	Each		
3.3.2	03 Ph, 50 Hz, 415 V, AC, 15 hp capacity.	1	Each		
3.3.3	03 Ph, 50 Hz, 415 V, AC, 40 hp capacity.	1	Each		
	Total Amount (in Rs.) incl. GST = 'B'				
	Net Amount (in Rs.) incl. GST (A+B)				

Seal & Signature of Bidder

Note:

- The rates quoted above are inclusive of all taxes, such as work contract tax, goods & service tax, labour welfare charge, etc as applicable.
- The work shall be strictly carried out as described in the NIT document.
- The vendor will carry out the re-filling of existing fire extinguishers as IS norms and it shall include:-
 - Repair of Fire Extinguishers and Replacement of defective spare parts like nozzle, safety clip, horn water, rings, washer, plunger, Metal Cap, Gas Cartridge, Pressure gauge/horn, Discharge Pipe, Control/Brass/SS valve or any other item etc required at the time of re-filling. Charges for the same are to be included in Refilling Part of financial bid. No extra charges shall be payable in this regard.
 - Hydraulic Testing certificate of fire extinguishers will be submitted along with bill and no extra charges shall be payable for the certificates, as charges for the same are to be included in the Financial Bid.
- Please read Scope of work & Conditions of Contract) of Technical Bid document before quoting your rates.

Seal & Signature of Bidder