



भाकृअनुप-राष्ट्रीय उच्च सुरक्षा पशुरोग संस्थान
ICAR-National Institute of High Security Animal Diseases

(एवियन इन्फ्लूएंजा ओ.आई.ई. संदर्भ प्रयोगशाला)
(OIE Reference Laboratory for Avian Influenza)
आनंद नगर, भोपाल - ४६२०२२ (म.प्र.), भारत
Anand Nagar, Bhopal - 462022 (M.P.), India



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F. No. 9-87/18-19/NIHSAD (P&S)

Dated: 01.08.2018

To,

Sub:- Quotation (**Under two bid system**) for purchase of Valves for ETP – reg.

Dear Sir(s),

Reputed firms/Authorized firms are invited for quoting their rates for the supply of following stores as per under mentioned specifications:-

Name of item	Qty.	Rate (In Rupees)	Total (In Rupees)
Butterfly Valve (50 mm) with actuator (See Annexure – I)	03 Nos.		
Ball Valve (50 mm) with actuator positioner (See Annexure – I)	02 Nos.		
GST@ %			
*Total FOR NIHSAD, Bhopal			

***(Financial bid must be submitted in separate envelope duly sealed)**

Eligibility of Bidder: -

- The bidder must be a manufacturer or authorized dealer of the item mentioned above.
- Filled in proforma of technical specifications (Annexure – I) alongwith supporting literature, catalogue etc.


Relevant terms & conditions are as below: -

- Quotations should be submitted **under two bid system** in a separate envelope (**Technical Bid + Financial Bid**) clearly mentioning at the top Tender No. F. No 9-87/18-19/NIHSAD (P&S) “VALVES” and EMD particulars. The Technical bid and the Financial bid should be sealed in a separate envelopes and both these sealed covers are to be put in a bigger cover which should also be sealed. The **last date** of receipt of above quotation is **22.08.2018 upto 5:00 PM** This institute will not be responsible for any postal delays.
- Only the technically suitable bids will be considered for financial evaluation.
- The rates should be quoted for F.O.R. ICAR-NIHSAD, Bhopal basis along with indicating separately brand name its price, packing forwarding, freight, tax percentage and insurance etc. in clear terms.
- Discount, if any, should be indicated clearly.

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05. This institute is registered with the Department of Scientific & Industrial Research (DSIR), Govt. of India for purpose of availing custom duty exemption in terms of Government Notification No. 51/96-Customs dated 23 July 1996 and central excise duty exemption in terms of Government Notification No. 10/97-Central Excise dated 1 March 1997.
06. GST should be indicated in clear terms separately. GSTIN Registration/TIN Number should be mentioned.
07. Unless otherwise mentioned in the quotation, it will be presumed that the quoted rates are inclusive of all taxes/levies and free delivery/installation at our Institute.
08. The rates quoted should be valid for **180 days** from the date of opening of quotation.
09. There should be no cutting/ overwriting. The cutting if any should be duly attested.
10. Warranty – 01 Year from the date of satisfactory supply and installation if any.
11. Quotation should be submitted along with printed literature/ catalogue of the quoted make/ model and authorization certificate of the manufacturer.
12. Unattested/amended/overwritten figures will not be considered.
13. In all matters of disputes, the decision of the Director of this Institute shall be final and binding.
14. Minimum period of delivery (not more than 20 days) should clearly be specified in the quotation.
15. TDS will be deducted from the bill as per applicable tax rules.
16. PAYMENT TERMS: Payment will be made within reasonable time say within 30 days from the date of receipt of material in good condition without any damage and after installation of the equipment in accordance with the ordered specification at the end. **Since the mode of payment will be e-payment system, hence Bank Account Number, name of bank with location and IFSC Code Number of Bank may be furnished on the body of the bill.**
17. **Bid Security (EMD):** Rs. 3000/- must be submitted along with the quotation in the form of Demand Draft/FDR drawn **in favour of “ICAR UNIT, NIHSAD, Bhopal”** otherwise the bid will not be taken into consideration. Micro & Small Enterprises as defined in MSE Procurement Policy are exempted for producing the EMD.
18. Performance Security: Within 30 (Thirty) days after the issue of a letter/PO by this Institute, the supplier, shall furnish performance security to the institute for an amount of **10% (of Total Ordered value)** including the warranty obligation before supply.
19. The Institute reserves the right to reject any or all the quotation (s) received without assigning any reason thereof.
20. Tentative date of opening of Technical bid 23.08.2018 at 11:30 AM.

Yours sincerely,


(S. K. GUPTA)
Sr. Adm. Officer

TECHNICAL SPECIFICATIONS**1) BUTTERFLY VALVE (50 MM) WITH PNEUMATIC ACTUATOR, SOLENOID VALVE & LIMITSWITCH**

1) BUTTERFLY VALVE			
S. No.	Item Details	Description	Make/Model of items quoted by bidder against technical specifications
1.a	Type	Wafer type Butterfly valve	
	Valve size	50 mm	
	End Connection	Wafer End (Suitable to mount between flanges as per ANSI 150#)	
	Pressure rating	PN 10 (TIGHT SHUTOFF)	
	Body Material	CI	
	Disc Material	SS 316	
	Seat Material	VITON	
	Shaft	SS 316	
	Flange Accommodation	EN 1092 (PN3.5, PN10, PN16) ANSI B 16.5 # 150 JIS 5K, 10K, 16K BS-10 Table E, Table F, Table H	
	Maximum Temperature	180 degree C	
Applications	Effluent water		
1b) SINGLE ACTING ACTUATOR			
S. No.	Item Details	Description	
1.b	Type	Spring Return	
	Design	Mounting Interface as per ISO5211 & NAMUR interface for accessories	
	Body	Extruded Aluminium Hard Anodized	
	Method of Trans.	Rack & Pinion	
	Air Pressure	5 bar	
	Fail safe condition	Close	
	Angle of rotation	90 ⁰ CCW (Counter Clockwise) to open	
1c) SOLENOID VALVE			
S. No.	Item Details	Description	
1.c	Type	3/2 Direct Acting, NAMUR Solenoid valve	
	End Connection	¼” NPT (F)	
	Operating pressure	0-8 bar	
	Solenoid Voltage	230V AC	
	Solenoid Enclosure	Flame Proof junction box, IP67,	
	Body Material	Aluminum	
	Cable Entry	½” NPT	
1d) LIMIT SWITCH			
S. No.	Item Details	Description	
1.d	Visual Indicator	High visibility raised dome with 2 colour Indicator for open/close feedback	
	No. of contacts	Two (1 No. + 1 NC)	
	Enclosure	Flame proof to Gr.IIC Pressure diecast Aluminum Epoxy powder coated	
	Rating	230v AC	
	Cable Entry	½” NPT (F)	

2) BALL VALVE (50MM) WITH PNEUMATIC ACTUATOR & PNEUMATIC POSITIONER

2a) BALL VALVE			
S. No.	Item Details	Description	Make/Model of items quoted by bidder against technical specifications
2.a	Type	Ball Valve, 2 Piece Design	
	Valve size	50 mm	
	Port size	Full bore	
	End connection	Flanged to ANSI B 16.5, 150#	
	Body material	SS 316	
	Ball material	SS 316	
	Seat material	Higher grade of PTFE	
	Face to face dimension	As per ASME B 16.10	
2b)SINGLE ACTING ACTUATOR			
S. No.	Item Details	Description	
2.b	Type	Spring Return	
	Design	Mounting Interface as per ISO5211 & NAMUR interface for accessories	
	Body	Extruded Aluminium Hard Anodized	
	Method of Trans.	Rack & Pinion	
	Air pressure	5 bar	
	Fail safe condition	Close	
	Open/close time	standard	
	Angle of rotation	90 ⁰ CCW (Counter Clockwise) to open	
2c)PNEUMATIC POSITIONER			
S. No.	Item Details	Description	
2.c	Type	Pneumatic	
	Operation	Single Acting	
	Input Signal	3-15 psi	
	I/P converter	In NIHSAD scope	
	Air connection	¼" NPT	
	Enclosure type	Weatherproof	
	Direct or reverse	direct	
	Positioning	0 -100 %	