



भा.कृ.अ.प.-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



EPABX Tel. No. 0755-2757542, 2750647, FAX: 0755-2758842, Website: www.nihsad.nic.in

F. No. 9-323/18-19/NIHSAD (P&S)

Dated: - 01.01.2019

To,

Sub:- Quotation (Under two bid system) for the Purchase of Butterfly Valve with actuator, Solenoid & limit switch size 50mm – reg.

Dear Sir(s),

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

Sr. No.	Name of item	Qty.	Unit Rate (In Rupees)	Total Price (In Rupees)
01.	Purchase of Butterfly Valve with actuator, Solenoid & limit switch size 50mm (As per Annexure – I enclosed)	10 Nos.		
	<b>Applicable GST @ .....%</b>			
	<b>*Total FOR NIHSAD, Bhopal</b>			

**\*(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 performa of technical specification (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. 9-323/18-19/NIHSAD (P&S) “Butterfly Valve with actuator, solenoid & limit switch”. 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 **28.01.2019 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.

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03. The rates should be quoted for F.O.R. ICAR-NIHSAD, Bhopal basis alongwith indicating separately brand name its price in clear terms.
04. Discount, if any, should be indicated clearly.
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.
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 supply.
11. Unattested/amended/overwritten figure will not be considered.
12. In all matters of disputes, the decision of the Director of this Institute shall be final and binding.
13. Minimum period of supply – 30 days.
14. TDS will be deducted from the bill as per applicable tax rules.
15. PAYMENT TERMS: Payment will be made in 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 satisfactory installation as per scope of technical specifications. **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.**
16. Bid Security (EMD): Rs. 5000/- must be submitted alongwith 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 MSME Procurement Policy are exempted for producing the EMD.
17. **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.

18. The Institute reserves the right to reject any or all the quotation(s) received without assigning any reasons thereof.
19. Tentative date of opening of Technical bid **29.01.2019 at 03:00 PM.**

Yours Sincerely

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

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

<b>1) BUTTERFLY VALVE</b>			
<b>S. No.</b>	<b>Item Details</b>	<b>Description</b>	<b>Make/Model of items quoted by bidder against technical specifications</b>
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		
<b>1b) SINGLE ACTING ACTUATOR</b>			
<b>S. No.</b>	<b>Item Details</b>	<b>Description</b>	
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° CCW (Counter Clockwise) to open	
<b>1c) SOLENOID VALVE</b>			
<b>S. No.</b>	<b>Item Details</b>	<b>Description</b>	
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	
<b>1d) LIMIT SWITCH</b>			
<b>S. No.</b>	<b>Item Details</b>	<b>Description</b>	
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 G.IIC Pressure diecast Aluminum Epoxy powder coated	
	Rating	230v AC	
	Cable Entry	½" NPT (F)	