



भा.कृ.अ.प.-राष्ट्रीय उच्च सुरक्षा पशु रोग 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. 9-221/18-19/NIHSAD (P&S)

Dated: - 27.12.2018

To

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Sub:- Quotation (Under two bid system) for Painting of Electrical Equipments at Switch Yard and Tanks and associated pipeline at oil yard of ICAR-NIHSAD – reg.

Dear Sir(s),

Reputed firms/Authorized firms are invited for quoting their rates for following works as per under mentioned scope of work: -

Name of work	Qty.	Total (In Rupees)
Painting of electrical equipments at switch yard and Diesel/Furnace oil storage tanks, associated pipeline at oil yard. (Annexure –I)	As per Scope of work	
<b>Applicable GST (If any)</b>		
<b>*Total FOR NIHSAD, Bhopal</b>		

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

**Eligibility of Bidder: -**

- Should have experience of two similar works of at least Rs. 1 Lakh value each during the last three years in Govt/PSU/Autonomous bodies/Reputed private organization. (Copy of work order should be submitted alongwith address of clients).
- Filled-up proforma of technical specifications (Annexure – I) alongwith supporting literature, catalogue etc.

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**Relevant terms & conditions are as below: -**

01. Quotations should be submitted **under two bid system** in a separate envelope (Technical Bid + Financial Bid) clearly mentioning at the top Tender No. F. 9-221/18-19/NIHSAD (P&S) “Painting of Electrical Equipments at Switch Yard and Diesel/Furnace Oil Storage Tanks and associated pipeline at oil yard” 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 **28.01.2019 upto 5:00 PM**. This institute will not be responsibility for any postal delays.
02. Only the technically suitable bids will be considered for financial evaluation.
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 completion of works.
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 completion of works – 30 days.
14. TDS will be deducted from the bill as per applicable tax rules.

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34. **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.**
35. **Bid Security (EMD):** Rs. 12, 500/- 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 MSE Procurement Policy are exempted for producing the EMD.
36. **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.
37. The Institute reserves the right to reject any or all the quotation(s) received without assigning any reason thereof.
38. Tentative date of opening of Technical Bid **29.01.2019 at 03:30 PM.**

Yours Sincerely,

**Encl:-** As above (Annexure – I).

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

**Name of Work:** - Painting of Electrical Equipments at Switch Yard and Diesel/Furnace Oil Storage Tanks, associated pipeline at oil yard.

**Scope of Work-**

Sr. No.	Description	Qty	Enamel Paint Color	Approximate Area
1.	Transformer 33 KV/415 V, 500 KVA, Crompton Make (including Bus Bar Duct of LT line [6Meter] and support of duct)	2	Smoke Gray	1000 Sq. Meter
2.	33 KV, 500 KVA, AVR Units Complete with Controller Andrew Yule Make	2	Smoke Gray	
3.	VCB 36 KV, 630 A (BHEL PVN 36) with supporting structure	2	Smoke Gray	
4.	33KV CT	6	Smoke Gray	
5.	33KV PT	3	Smoke Gray	
6.	Structure of MS Channel and Angle for incoming isolators (2 Nos.), Lightning Arrester(1no), PT Structure (1no), Busbar Structures (2nos.) Height-6.5m, Width-70cm	6	Silver White/Aluminum paint	
7.	Structure of MS Channel and Angle for VCB isolators structure (2nos.) and Transformers isolators (2 nos.) Height-4.5m, v Width-70cm	4	Silver White/Aluminum paint	

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8.	Steel net and supporting angle for fencing (including steel gate) height 2m, length 162m	1	Silver White/Aluminum paint
9.	Pipeline of Diesel storage tank (80m Length, Diameter 60mm)	1	Brown
10.	Pipeline of furnace oil storage tank length-80m, Diameter 60mm	1	Black
11.	Pipeline for water supply (Length-80m, Diameter-60mm)	1	Opaline Green
12.	Pipeline for chilled water supply (Length 100m, Diameter 400mm)	1	Sky Blue
13.	Diesel oil tank (Height 3.5m, Diameter 3m)	1	Silver White/Aluminum paint
14.	Furnace Oil tank (Hight-4m, Diameter-3m)	2	Silver White/Aluminum paint
15.	Silver Pipeline (Length-25m Diameter-160mm)	1	Silver White/Aluminum paint
16.	Diesel Generator Silencer Chimneys (Length 4m, Outer Diameter 220mm)	4	High Temperature Thermal Paint (Black)
17.	Cable, Compressor Line, Presser Line, Water Chiller Line Tray Bridge Consist of MS Channel and Angle (Length 43m, Width 1.5m, Height 1m)	1	Smoke Gray
18.	Foundation of Electrical Equipments, Tanks and Fence	1	White Distemper

**4. General Terms and Conditions: -**

**A. Paints (Asian, ICI, Berger, Nerolac make)**

- i. Paints, oils, varnishes etc. of above mentioned make in original tin to the satisfaction of the Electrical-in-charge shall only be used.
- ii. Contractor will first submit the shade cards of relevant make of paint to NIHSAD for approval of colour before procuring the paint in bulk.
- iii. No mixing will be allowed with stainer to achieve a particular colour. Contractor will procure direct colour paint of approved shade and apply directly.
- iv. The approved quality, make & shade of paint shall be maintained by the Contractor throughout the work. The covering capacity ratio with respect to quantity of paint should be strictly adhered to by the Contractor as per specification.

**B. Preparation of the Surface**

The surface shall be thoroughly cleaned and made free dust or foreign matter before painting is started. The proposed surface may be inspected by the Electrical-in-charge before the paint is applied.

**C. Application**

- i. Paint shall be applied with brush. The paint shall be spread as smooth and even as possible. Particular care shall be paid to rivets, nuts, bolts and overlapping. Before drawing out in smaller containers, it shall be continuously stirred with a smooth stick, while painting work is taken up.
- ii. Primer coat of anti-corrosive paint shall be given in the case of steel work, after preparing the surface. In all cases of painting work, finishing shall be with 2 coats of paint in approved shade.
- iii. Each coat shall be allowed to dry out sufficiently before a subsequent coat is applied.

**D. Precautions**

- i. All fixtures, glazing, floors, etc. shall be protected by suitable covering. All stains, smears, splashing, dropping etc. shall be removed.
- ii. Equipments like transformers, AVR's and tanks must be painted with gun/spray machine so that proper finishing should be achieved.

**E. Repainting.**

- i. Where rust has formed on iron and steel surfaces, the spots will be painted with one anti-rust primer coat, after preparing the surface.
- ii. In cases of repainting, the old paint shall be removed by first scrapping or by applying a suitable solvent, and thereafter a fresh coat of the paint shall be applied.

**F. Time of completion:**

20 Days from the date of issue of work order.

- G. Detailed technical specification for painting work with respect to materials & workmanship and mode of measurements will be as per IS codes and CPWD specifications, unless mentioned otherwise.
- H. Contractor shall provide manufacturer's certificate for the material supplied at site.
- I. The bidders may inspect the respective site prior to submitting their quotations.
- J. While painting furnace oil and diesel tanks proper care has to be taken for marking (calibration) of the tanks.
- K. Contractor will arrange proper ladders, scaffolding and jhoolas (for painting at higher levels) at his own cost and will take all safety measures like safety belts, extra labour to hold ladders/jhoolas etc. If it is observed that work is proceeding without adequate safety precautions, work may be stopped by NIHSAD engineers and in such cases, contractor will be solely responsible for delay and its consequences thereof. The work may be carried out near Live High voltage bus bars/lines and fire hazard area, contractor has to follow all safety rules & regulations etc. and guide his manpower for safe working.
- L. The Contractor shall be responsible for the safety of all its workmen/employees during the period of execution of the work. The Contractor shall provide all safety materials, gadgets, equipments etc. to all its workmen/employees to ensure their safety during execution of the work. The Institute shall not be held responsible in case of any accidents, mishaps etc. to the Contractor and its employees.