



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  
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F. No. 9-242/18-19/NIHSAD (P&S)

Dated: - 13.11.2018

To

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Sub:- Renovation work in Committee Room and Cooling Tower Tank in Engg. Section 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.	Rate (In Rupees)	Total (In Rupees)
Renovation work in Committee Room and Cooling Tower Tankers Area (Engg. Section) (Annexure – I & II enclosed)	As per Scope of work		
GST@ .....%			
*Total FOR NIHSAD, Bhopal			

You are requested to please give Quotation/PI of the above said works. Please note that:-

1. Rates should be inclusive of all required materials and labour.
2. Rates are to be quoted on F.O.R. NIHSAD, Bhopal.
3. Awardee firm has to submit/deposit 10% of total value as Security money in shape of DD/FDR in favour of ICAR Unit, NIHSAD, Bhopal for the period of 14 months before undertaking the job.
4. Firms representative may visit at Institute premises during office hours before quoting the rates.
5. Warranty of work is to be offered for minimum 1 year.
6. Taxes, if any, to be shown separately.
7. E-Payment will be made within 30 days from the date of completion of work in satisfactory condition.
8. Date & Time of Opening (Tentative): - 06.12.2018 at 11:30 AM.
9. Completion Period: - 30 days.
10. Bid Validity: - 180 days.

The Quotation may be submitted upto 05.12.2018 in a closed envelope duly superscribed,

Yours Sincerely,

Adm. Officer

**Annexure – I**

<b>A. Dismantling existing tiles, horizontal &amp; vertical surface of the cooling tower tank and fixing the new tiles in the cooling tower sump tank.</b>				
<b>Sr. No.</b>	<b>Description of work</b>	<b>Qty.</b>	<b>Rate (In Rupees)</b>	<b>Total (In Rupees)</b>
1.	Dismantling existing tiles of the cooling tower water sump tank from the following surfaces including cleaning of surface & disposal of malba outside the campus:  Horizontal & Vertical surface of the tank including tiles of columns & removal of tile mortar, cleaning /brushing & dusting of surface for exposing the cement concrete surface.	80 m <sup>2</sup>		
2.	Repair of exposed horizontal cement concrete surface with Dr. Fixit/Sika cim/CHRYSO® WP 01/Warrior – W1 or equivalent conform to IS: 2645 and be of reputed brand with a clear ISIS marked complete.	20 m <sup>2</sup>		
3.	Providing & Fixing Endura Pool tiles (Non-skid) of <b>HR Johnson make/ Kajaria/ Lorenzo/ Somany Ceramics</b> or equivalent conforming to IS: 15622 latest of approved color/ shade & size. Tile to be fixed with polymer adhesive as per manufacturer's specification & joint of tiles 3mm wide to be filled with epoxy grout, both of Bal Endura make or equivalent.	80 m <sup>2</sup>		
a.	Horizontal & Vertical surface includes columns of tower			
4.	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: Two or more coats over priming coat and cleaning with the iron brush.	90 m <sup>2</sup>		
5.	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts al complete as per direction of Engineer-In-Charge 50 mm avg. thickness for column	5 m <sup>2</sup>		

Contd....2

6.	Cleaning the concrete surface by removing dirt and debris, marking defective locations and removing loose concrete by careful stripping until hard surface is exposed, cutting the concrete to regular shape, wire brushing the exposed surface and removing debris from site up to all leads & lifts	5 m <sup>2</sup>		
7.	Chipping of existing damaged sand cement plaster in any floor taking all safety precaution, area to be identified for removal by tapping all its areas and its boundary marked with colour marker as per direction with help of chisel and hammer to completely expose the parent masonry or concrete surface without damaging any part of the parent surface incl. disposal of soils up to all leads & lifts.	45 m <sup>2</sup>		
8.	Applying Ferroguard 903 joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturers specification	5 m <sup>2</sup>		
9.	Providing mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding/ tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm 2).	50 m <sup>2</sup>		
10.	Providing and fixing hard drawn steel wire fabric of size 75 x 25mm mesh or other suitable size wire mesh to be fixed & firmly anchored to the concrete surface by means of "L" shaped mild steel shear key welded with existing reinforcement including the cost of materials , labour, tool & plants as approved by Engineer-in-charge	5 m <sup>2</sup>		
	<b>GST@ .....%</b>			
	<b>*Total FOR NIHSAD, Bhopal</b>			

**Annexure – II**

<b>B. Renovation of the Committee Room and Directors personnel section at ICAR-NIHSAD, Bhopal.</b>				
Sr. No.	Description of work	Qty.	Rate (In Rupees)	Total (In Rupees)
1.	Providing and laying vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08% and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12mm thick bed of cement mortar 1:3 (1 cement: 3coarse sand), jointing with grey cement slurry @ 3.3 kg/ Sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 500 x 500 mm	120 M <sup>2</sup>		
	<b>GST@ .....%</b>			
	<b>*Total FOR NIHSAD, Bhopal</b>			