



आईसीएआर—केन्द्रीय भेड़ व ऊन अनुसंधान संस्थान  
अविकानगर ( मालपुरा जिला टोंक )वाया जयपुर राजस्थान (भारत) 304501  
**ICAR-CENTRAL SHEEP & WOOL RESEARCH INSTITUTE**  
**AVIKANAGAR (MALPURA DISTT. TONK) RAJASTHAN 304501**

कमांक 1(647)एसपी / 2016 /

दिनांक 18.02.2017

निमित्त

As per enclosed

विषय— CAT-5 से CAT-6 क्रय करने हेतु लिमिटेड टेण्डर/कोटे"न

महोदय,

उपरोक्त विषयान्तर्गत आपको सूचित किया जाता है कि सचिव, भारतीय कृषि अनुसंधान परिषद, नई दिल्ली की ओर से निदेशक, केन्द्रीय भेड़ व ऊन अनुसंधान संस्थान, अविकानगर द्वारा रिप्लेस्मेंट CAT-5 से CAT-6 की खरीद के लिए प्रतिष्ठित निर्माताओं, उनके अधिकृत अभिकर्ताओं एवं विदेशी निर्माताओं के अधिकृत मूल भारतीय अभिकर्ताओं से सीलबंद लिमिटेड टेण्डर/कोटे"न आमन्त्रित किये जाते हैं। जिसका विस्तृत विवरण, जानकारी, लिमिटेड टेण्डर/कोटे"न प्रपत्र, नियम व शर्तें आदि संस्थान की वेबसाइट [www.cswri.res.in](http://www.cswri.res.in) पर उपलब्ध है।

अतः आपसे अनुरोध है कि इच्छुक निविदा/कोटेशनदाता संस्थान वेबसाइट [www.cswri.res.in](http://www.cswri.res.in) से लिमिटेड टेण्डर/कोटे"न प्रपत्र डाउनलोड करते हुए वांछित अमानत राशि एवं दस्तावेजों के साथ अंतिम तिथि दिनांक 03-03-2017 को अपरान्ह 1-00 तक जमा करा सकते हैं। प्राप्त कोटे"नों को उसी दिन अपरान्ह 3-00 बजे समक्ष अधिकारी महोदय द्वारा गठित समिति द्वारा उपस्थित निविदा/कोटे"न प्रस्तुत कर्ताओं के समक्ष खोला जावेगा।

निर्धारित तिथि व समय के उपरान्त प्राप्त लिमिटेड टेण्डरों/कोटे"नों पर विचार नहीं किया जावेगा और नाही किसी भी प्रकार की देरी के लिए संस्थान जिम्मेदार होगा।

भवदीय,

(शिवजी राम जाट)  
सहायक प्रशासनिक अधिकारी

प्रतिलिपि:—

- 1— प्रभारी, ए0के0एम0 यूनिट को सूचनार्थ एवं आवश्यक कार्यवाही हेतु
- 2— प्रभारी, ए0के0एम0यू0 को संस्थान की वेब साइट [www.cswri.res.in](http://www.cswri.res.in) पर प्रकाशित करने हेतु
- 3— श्रीमान निदेशक महोदय को सूचनार्थ
- 4— सूचना पट्ट



## आईसीएआर-केन्द्रीय भेड़ व ऊन अनुसंधान संस्थान

अविकानगर ( मालपुरा जिला टोंक )वाया जयपुर राजस्थान (भारत) 304501  
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दिनांक18.02.2017

To,

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\_\_\_\_\_  
\_\_\_\_\_

Subject:- Limited Tender/ Quotation for purchase of CAT-5 से CAT-6.

Dear Sir,

We have requirement of the goods & services as indicated below, tender/quotation for which will be opened as per mentioned below (dates) and you are invited to submit your most competitive quotation for the same. All the relevant details are given below:-

Description of the goods required and the required quantity:-

S.No.	Name of item	Qty.	Estimated cost Rs. in lakhs)	Bid Security In Rs.	Last date & time for receiving tender	Last date & time for opening tender
1.	Replacement from CAT-5 से CAT-6	As per specification	05.00	10.00	03-03-2017 Up to 1.00 PM	03-03-2017 at 3.00 PM

2) Guiding specification and other technical details:-

S.No.	Description	A/U	Qty	Rate P. Unit	Amount
1	CAA-x322L-VL Power Cat 6A U/FTP CM 4 Pair Cable, 500m Reel, LSZH Sheath – Violet, Category 6A UTP, 4 Pair with ETL test report (Min 500 Mhz) for channel. This system is compliant with the latest ISO/IEC 11801 A1.1 draft and ratified TIA/EIA 568-C.2 for the support of 10GBASE-T. Category 6A U/FTP each pair enclosed in laminated aluminum foil cables shall extend between the work area location and its associated telecommunications closet and consist of 4 pair, 23 AWG, LSZH cable jacket.	Roll Approx	5		
2	PID-xx217 24 Port Power Cat 6A Shielded (Die cast Jacks) Patch Panel , 1U CAT6A Shielded Patch Panel (10G) loaded with individual Shielded Shutter Jack with rear cable manager. Shutter jack which protect from dust & contaminates. The shielded connector offers superior alien crosstalk suppression, excellent insertion loss, and provide enhanced electromagnetic interference (EMI)	Each	3		
3	KSJ-xxx62-04 DG+ Jack (Die cast)Cat6A 568A/B, Shtd-Black The shielded connector offers superior alien crosstalk suppression, excellent insertion loss, and provide enhanced electromagnetic interference (EMI)	Each	70		

4	WSY-xxx12-02 Synergy Wall Plate 1 Port - 86mmx86mm-White Single Gang square plate, 86mmx86mm, Write on labels in transparent plastic window – supplied with plate, Plug in Icons – Icon tree – to be supplied with plate, Should be able to support variety of jacks – UTP, STP, Fiber, Coax etc.	Each	70		
6	CAT 6A PCDXXXXXX Patch cord, 1 Mtr, Blue Category 6A Shielded Patch Cords (10G) , 4 pair 26 AWG stranded copper wire Pre-terminated with RJ45 plugs, Slim clear anti-snap slip on boots, Suitable for EIA 568A or 568B wiring, 10G Performance when installed as a complete Power Cat 6A Shielded System. Ro HS Compliant	Each	70		
7	CAT 6A PCDXXXXXX Patch cord, 2 Mtr, Blue Category 6A Shielded Patch Cords (10G) , 4 pair 26 AWG stranded copper wire Pre-terminated with RJ45 plugs, Slim clear anti-snap slip on boots, Suitable for EIA 568A or 568B wiring, 10G Performance when installed as a complete Power Cat 6A Shielded System. Ro HS Compliant	Each	36		
8	CAT 6A PCDXXXXXX Patch cord, 3 Mtr, Blue Category 6A Shielded Patch Cords (10G) , 4 pair 26 AWG stranded copper wire Pre-terminated with RJ45 plugs, Slim clear anti-snap slip on boots, Suitable for EIA 568A or 568B wiring, 10G Performance when installed as a complete Power Cat 6A Shielded System. Ro HS Compliant	Each	36		
9	6U Rack Steel Iron Rack with .9MM Coated Sheet, 1.2MM Channel, Front Glass Door, Wall Mount, with 6*PIN PDU, 1* Cooling FAN, 1*Cable Manager, 10*Mounting Hardware	Each	2		
10	Shifting Charges of Fiber along with Required Fiber and Required Splicing for Fiber, Adapter, Pigtail, and 2 Nos. of Media Converter 10/100/1000-Giga MBPS (inbuilt Power Supply)	Each	1		
11	24 Ports L-2 Fully Managed Switch with TR S2928 10/100/1000-20 x GE TX, 1G SFP Ports with 2-Nos SFP Module, 4xGE TX/SFP, 10SFP+ Ports-4 x 10G SFP+ Backplane-128Gbps Forwarding-96Mpps With VLAN-4K, GVRP, 1:1 VLAN mapping and N:1 VLAN mapping QinQ and flexible QinQ, PVLAN, STP- 802.1D (STP), 802.1W (RSTP) and 802.1S (MSTP) BPDU protection, root protection, and loopback protection Security features-L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, Broadcast/multicast/unknown unicast storm-control Port isolation, Port security, and "IP+MAC+port" binding DHCP snooping and DHCP option 82, IEEE 802.1x authentication Radius Tacacs+ authentication Level-based command line protection	Each	3		
1	Laying of Cable with supply of required ISI Conduit/Casing (Approx)	Mtr	<b>2,500</b>		
2	Mounting and Installation of I/O, Faceplate, Gang Box, Rack, Patch Panel, Switch, Numbering, Marking in Cable and Point in Patch Panel (Approx)	Each	70		
	Total Charges Service +Supplied Material				

**Technical Compliance:**

1	All CAT6A U/FTP Cable & component should be the same OEM. The OEM should be ISO 9001:2000 & ISO-14001. ETL Verified for minimum 500MHz (Certificate require).
2	Vendor should submit OEM authorization letters for all the products offered, documentary proof of partnership / support arrangements with the respective OEMs without which, the offers will not be evaluated further.
3	Company profile along with copies of registration certificate, sale tax registration, PAN card, Balance Sheet for the last three years.
4	Proof of experience in supply, installation, laying and configuration of network components in last three years (wired and wireless components) along with satisfactory certificate of services from the client. Vendor Should have at least One Oder Experience of CAT-6-A Shielded Network in Central or State Govt. Organization.

Sr. No.	Specifications	Complie d (Yes/No)	Remarks (Specify make and model, if applicabl e)
1	Category 6A U/FTP , 4 Pair Shielded cable Make- Molex/Panduit/Simon		
	Min. Required Specification		
1.1	Category 6A shielded Twisted Pair 4 pair cable shall be compliant with ANSI/TIA/EIA-568-C.2 for supporting 10G applications		
1.2	Conductor Size : 23 AWG		
1.3	Screen: Each pair enclosed in laminated Aluminum foil with drain wire		
1.4	Screen material: Laminated Aluminum		
1.5	Drain Wire material: tin-coated copper		
1.6	Sheath Type: Low Smoke Zero Halogen (LSZH)		
1.7	Pulling Force: 50 N/mm2 max		
1.8	Capacitance: 40 pF/m nom. @1 KHz		
1.9	DC Resistance: 72 Ω/Km max.		
1.10	Propagation Delay Skew: 45 nS/100 max @ 1-500 MHz		
1.11	Mean Impedance: 100Ω ± 6 @ 1-500 MHz		
1.12	Commercial Standards :ANSI/TIA/EIA-568-C.2 and ISO/IEC 11801 A1.1		
1.13	Should Have ETL verified to TIA/EIA-568-C.2 Category 6A standard (ETL certificate to be enclosed along with the bid)		
1.14	Transmission Properties and Electrical Specifications tested minimum upto 500 Mhz and verified by ETL		
1.15	Bidder to submit Cat 6A channel report verified by ETL		
2	Face Plate (Single , Dual and Quad)		
	Min. Required Specification		
2.1	Single Gang square plate, 86mmx86mm		
2.2	Write on labels in transparent plastic window – supplied with plate		
2.3	Plug in Icons – Icon tree – to be supplied with plate		
2.4	Should be able to support variety of jacks – UTP, STP, Fiber, Coax etc.		

<b>3</b>	<b>Shielded Cat 6A INFORMATION OUTLET</b>		
	Min. Required Specification		
3.1	Category 6A, TIA568C.2 – 500MHz		
3.2	Should have robust die cast zinc alloy connector body housing		
3.3	Should have shutter for 100% dust protection		
3.4	IDC posts should be pointed		
3.5	568A/B configuration		
3.6	Approved by ETL		
3.7	UL-1863		
3.8	Housing: Zinc alloy plated bright Ni/Cu		
3.9	Operating Life: Minimum 750 insertion cycles		
3.10	Contact Material: Copper alloy		
3.11	Contact Plating: 1.25 micrometers Au/Ni		
3.12	IDC connector housing : Polycarbonate, UL94V-0 rated or equivalent		
3.13	IDC contact material : Copper Alloy		
3.14	Operating Life: Minimum 20 Re-terminations		
3.15	IDC Contact Plating: Tin		
<b>4</b>	<b>CAT6A 24 PORT SHIELDED PATCH PANEL</b>		
	Min. Required Specification		
4.1	Be made of robust sheet metal.		
4.2	Have port identification numbers on the front of the panel.		
4.3	Should have self-adhesive, clear label holders (transparent plastic window type) and white designation labels with the panel, with optional color labels / icons.		
4.4	Each port / jack on the panel should be individually removable on field from the panel.		
4.5	Should have integrated rear cable management shelf.		
4.6	Should have shutter on the jack panel port		
4.7	Should have separate provision of grounding		
4.8	Specification of the jacks is same as above for individual I/Os		
<b>5</b>	<b>MOUNTING CORDS – Cat 6 A shielded</b>		
	Min. Required Specification		
5.1	Should be 4 pair 26 AWG stranded copper wire		
5.2	Should have Slim clear anti-snag slip on boots		
5.3	Factory pre-terminated with shielded RJ45 plugs and should be strain relief, anti-snag type		
5.4	Screen material – Aluminum/polyester shield with tinned copper drain wire		
5.5	Sheath: Low Smoke Zero Halogen (LS0H)		
5.6	Should give 10G Performance when installed as a complete Cat 6A Shielded System		
5.7	Operating life: Minimum 750 insertion cycles		
5.8	Contact material : 0.35mm thick copper		

5.9	Plug dimensions & tolerances compliant with FCC Part 68 and IEC 60603-7		
5.10	Operating temperature: -20 °C to + 60 °C		
5.11	Commercial Standards :ISO/IEC 11801 2nd Ed Amd 1 Class EA		
5.12	TIA-568-C.2 Cat 6A		
5.13	UL 1863; CSA C22.2		

SI No.	Item	Description	Compliance Yes No
1	L2 Switch	General Features	
		The Switch Should Have at least 2410/100/1000 Line Rate for 64 byte packets With 4x1G Uplinks	
		The Switch Should have RJ45 /Mini USB or equivalent Console ports for Management .The Switch Should have out of band management port.	
		The Switch Should have minimum USB 2.0 for OS Management (Uploading, downloading & booting of OS and configuration).	
		<b>Performance and Scalability</b>	
		The Switch Should have at least 80 Gbps Stack Bandwidth.	
		The Switch Should Support Full –duplex Switching of 216 Gbps	
		The Switch Should have atleast 95.2Mpps of 64 byte packet forwarding rate.	
		The Switch Should have atleast 128 MB of Flash for Storing OS and other Logs.	
		The Switch Should have atleast 512 MB of DRAM.	
		The Switch Should Support atleast 4000 VLAN IDs	
		The Switch Should Support Maximum Transmission unit (MTU) of 9198 bytes.	
		The Switch Should Support atleast 16K unicast MAC addresses	
		<b>Dimension</b>	
		The Switch Should be 1RU	
The Switch Should Support Operating Temperature			

		01to 451C	
		Power Supply	
		The Switch Should Support an auto –ranging power supply with input Voltages between 100 and 240 VAC	
		The Switch Should Support Redundant power supply	
		The Switch Should have power Saving mechanism wherein it should reduce the power consumption of ports not being used.	
		<b>Stacking (Support)</b>	
		Stacking Module should be Hot -swappable	
		Stacking Should Support a minimum Stacking of 8 switches	
		The Switch Stacking should Support automatic upgrade when master switch receives a new software version.	
		The Switch Stack architecture should have centralized control and Management plane with Active Switch and all the information Should be Synchronized with Standby Switch.	
		The Switch Stacking should Support automatic upgrade when master switch receives a new software version.	
		<b>Standards</b>	
		The Switch should Support IEEE 802.1D,802.1p,,802.1Q,802.1ab,8021s, 802.3ad,802.3x,802.3ah,802.3ab,802.3u,802.3, 802.3z Spanning Tree Protocol	
		The Switch Should support RMON I and II Standards	
		The Switch Should support SNMP v1,v2c, and v3	
		<b>RFC compliance</b>	
		The Switch Should support RFC protocol for UDP ,TFTP,IP,ICMP,ICMP, router discovery ,TCP,ARP,TELNET ,FTP,IGMP, IP MULTICAST, SNMP,NTP, HTTP, HTTP (S,)BOOTP, TACACS,+ , Radius,DHCP, SSH, For Both IPv4 and IPv6	

	Addressing	
	<b>Layer -2 Features</b>	
	The Switch Should support Automatic Negotiation of Trunking Protocol base on IEEE Standard , VLAN Management , Spanning- tree port fast , IGMP Filtering ,Neighbor discovery Technology.	
	The Switch Should support broadcast Storm control , Multicast Control , Unicast Control.	
	The Switch Should support Auto-negotiation on all ports to automatically Selects half –or full –duplex transmission mode to optimize bandwidth	
	The Switch Should support Automatic Media – dependent interface crossover (MDIX)to automatically adjusts transmit and receive pairs if an incorrect cable type (crossover or Straight –through ) is installed.	
	<b>Smart Operations Features</b>	
	The Switch Should support diagnostic Commands to debug issue	
	The Switch Should support real –time network event detection	
	The Switch Should support system health checks within the switch	
	The Switch Should support online Diagnostics	
	<b>Quality of Service (Qos) &amp;Control</b>	
	The Switch Should support strict priority queuing mechanisms	
	The Switch Should support Rate Limiting function to guarantee bandwidth , Source and destination MAC Address, Layer 4TCP and UDP.	
	The Switch Should support availability of up to 256 aggregate or individual polices per port.	
	<b>Management</b>	
	The Switch Should support Command Line interface (CLI) support for Configuration & troubleshooting purposes.	



		The Switch Should support four RMON Groups (history, Statistics, alarms, and events )for enhanced traffic management , monitoring , and analysis	
		The Switch Should support Layer 2 trace route to ease troubleshooting by identifying the physical path that a packet takes from source to destination.	
		The Switch Should support console port	
		<b>Network security Features</b>	
		The Switch Should support IEEE 802.1x to allow dynamic, port-based security , providing user authentication	
		The Switch Should support Port –based ACLs for layer 2 interfaces to allow application of security policies on individual switch ports.	
		The Switch Should support MAC address notification to allow administrators to be notified of users added to or removed from the network.	
		The Switch Should support private VLAN	
		The Switch Should support Multilevel Security on console access to prevent unauthorized users.	
		<b>DHCP features</b>	
		The Switch Should support DHCP snooping	
		The Switch Should support DHCP interface Tracker (Option 43,125)	
		<b>Device support</b>	
		The Switch Provided Should be discovered by LLDP	
		<b>Warranty</b>	
		All switches should be provided with one year next Business day warranty from OEM . Necessary part Code for Providing Next Business day OEM Warranty is to be mandatorily included as a part of the technical offer .	

Terms & Conditions:

- 1 i) **Bid Security/Earnest money:** The bidder shall furnish Bid Security/EMD for **Rs.10,000/-** alongwith its bid. The Bid Security shall be furnished in the form of DD in favour of ICAR UNIT CSWRI payable at S.B.B.J., Malpura (10088) Distt. Tonk (Raj.) The tender may not be considered if the earnest money is not sent with the tender. No request for transfer of any previous deposit of earnest money will be entertained. The Bid Security shall be valid for a period of 120 days beyond the validity period of the bid.

It is understood that the tender document has been issued to the tenderer/Quotationer and the tenderer/ Quotationer is being permitted to tender in consideration of the stipulation on his part that after submitting his tender he will not resale from his after or modify the terms and conditions thereof. Should the tenderer/quotationer fail to observe/comply with the foregoing stipulation, the aforesaid amount will be forfeited to the ICAR. In the event of the offer made by the tenderer not being accepted the amount of earnest money deposited by the tenderer will be refunded to him after he has applied for the same in the manner prescribed by the ICAR.

Bid Security/Earnest Money of a Bidder will be forfeited, if the bidder withdraws or amends its bid or impairs or derogates from the Bid in any respect within validity period.

ii) **Terms of delivery :** Delivery at Site CSWRI, Avikanagar

iii) **Delivery Period for goods:** Immediately or Within one month from the signing of the contract

iv) **Erection/installation and commissioning** are to be completed within 15 days of delivery of goods at site.

**Terms of Inspection by the purchaser's representative:** at CSWRI, Avikanagar after receipt of supply of goods.

v) **Training of purchaser's operator(s) for operation the goods ordered, as and if necessary:** This Institute operator(s) is/are to be trained for a period of ----- weeks/days at purchaser's premises/supplier's premises successfully operating the goods purchased. The training shall be completed by -----

vi) **Price structure:**

a. The ICAR Research Institutes are exempted from Excise and Customs Duties on Research Consumables, vide Notification No. 10/97-CE dated 01.03.1987 (as amended by 16/07-CE) and Notification No. 51/96- Customs respectively. However, for the ICAR Institutes to avail the aforesaid Duty Exemption benefits, the Prices are required to be quoted by Manufacturers preferably on Ex-Works basis, without including any Excise/Customs Duty component. Freight & Transit Insurance are required to be quoted extra, as per actual, for insured transportation from Ex-Works to Destination.

b. Alternatively, however, the Authorized Dealers/Retailers may quote their most competitive FOR prices, with maximum possible Dealer's Special Discount.

c. **The rates and prices quoted shall be in Indian Rupees only.**

d. All duties, taxes and levies payable by the supplier under the contract shall be included in the quoted price; The purchaser will not pay any such duties, taxes and levies separately. However, Sales Tax as legally and contractually liveable, will be quoted separately by indicating the nature and the current rate of Sales Tax, as applicable at the time of quoting. The Sales Tax will be paid extra at actual at the time of supply, provided the transaction of sale is legally liable to States Tax and the amount of the Sales Tax is contractually payable. If the supplier in its quotation does not ask for Sales Tax extra, the same shall not be paid even if it asks for the same at a later date.

e. The rates and prices quoted by the supplier shall remain firm and fixed during the currency of the contract and shall not be subject to variation on any account, whatsoever, including statutory variations, if any. "However, Sales Tax will be paid extra as per provision under Clause viii (c) above"

f. For Imported items the rate should be quoted on FOB basis and CIF basis separately. The rate of custom duty in terms of percentage of exact amount must be shown for each item. The packing forwarding, loading, unloading and other incidental charges by whatever name they may be known should be quoted/shown separately otherwise it will be presumed that rate quoted are inclusive of all charges.

vii) **Receipt of goods & Terms of payment:**

a. **Payment term for supply of goods:** Immediately, on receiving the goods at site the purchaser will verify the quantities of the items supplied as specified in the delivery challan of the and issue a provisional receipt accordingly. If the goods supplied do not require erection/ installation and commissioning at site, the purchaser, within three working days of issue of the provisional receipt, will issue acceptance certificate (of the goods) to the supplier, provided the goods supplied are acceptable in terms of the contract. However, if the goods supplied also need erection/installation and commissioning, the purchaser will issue acceptance certificate within two working days, after successful erection installation and commissioning. The supplier will then send its invoice along with the purchaser's acceptance certificate and other accompanying documents to the paying authority for payment.

The paying authority will release the full payment to the supplier as due in terms of the contract, within 30 working days of receipt of supplier's invoice purchaser's receipt certificate and other accompanying documents, provided the same are in order.

While claiming reimbursement for Sales Tax, the supplier shall furnish following certificate duly dated and signed, on its bill

"Certified that the goods on which Sales Tax has been charged have not been exempted under the Central Sales Tax Act or State Sales Tax Act or the rules made there under and the charges on account of Sales Tax on these goods are correct under the provisions of that Act or the Rules made there under.

'Certified further that we are registered as dealers for the purpose of Sales Tax in the State of \_\_\_\_\_ under registration number \_\_\_\_\_. We further confirm that the amount of Sales Tax shown in the bill against this contract is correct in terms of above proviso".

b. **Payment for training of purchaser's operators (s), if applicable.**

After release of payment to the supplier as per sub-para (a) above and after successful completion of training of the operator(s) in terms of the contract, the purchaser will immediately issue a certificate to this effect to the supplier. The supplier will thereafter send its invoice for training charges, along with the above certificate to the paying authority. The

paying authority will release the payment to the supplier in terms of the contract within seven working days of receipt of supplier's invoice provided the invoice and the accompanying documents are in order.

**viii) Paying Authority:**

Director/Finance & Accounts Officer, Central Sheep & Wool Research Institute, Avikanagar Tehsil Malpura Distt. Tonk (Rajasthan)

**ix) Liquidated Damage Clause:**

If any time during the performance of contract, the supplier encounters conditions hindering timely delivery of the goods, the supplier shall promptly inform the purchaser in writing the fact of the delay and likely duration of the same. After receipt of supplier's communication, the purchaser shall decide as to whether to cancel the contract for the un-supplied portion after the existing delivery period, or to extend the delivery period suitably by issuing in amendment to the contract. If the supplier fails to deliver the goods and/ or perform the services within the contractual delivery period for reasons other than circumstances beyond supplier's control (which will be determined by the purchaser) and the purchaser extends the delivery period, the purchaser will also deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% (half per cent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance. The maximum limit of such deduction will, however, be 10% (ten percent) of the contract price of the delayed goods or services).

Further, during such delayed period of supply and/ or performance, the supplier shall not be entitled to any increase in price and cost, whatsoever, on any ground. However, the purchaser shall be entitled to the benefit of any decrease in price and cost on any ground, whatsoever, of the goods & services, supplied during the period of delay.

The purchaser's letter (to the supplier, with copies endorsed to other concerned) extending the delivery period will be subject to the above conditions.

**x) Warranty Clause:**

a. The warranty shall remain valid for a minimum period of 12 months after the goods have been delivered and installed and accepted by the purchaser in terms of contract. The purchaser shall promptly notify the supplier in writing of any claim arising under this warranty. Upon receipt of such notice, the supplier shall, with all reasonable speed repairs or replaced the defective goods free of cost at the ultimate destination. The supplier shall take over the replaced goods at the time of their replacement. No claim whatsoever shall lie on the purchaser for the replaced goods hereafter. Manufacturer's warranty clause may also be indicated if it is more than 12 months.

b. In the event of any correction of a defect or replacement of any defective material during the period of warranty, the warranty for the replaced material shall be extended to a further period of 12 months from the date, such replaced material starts functioning to the satisfaction of the purchasers.

c. If the supplier, having been notified, fails to replace the goods within a reasonable period of 15 days, the purchaser may proceed to take such remedial action as may be necessary at the suppliers risk and expenses and without prejudice to any other rights, which the purchaser may have against the supplied, under the contract.

**xi) Performance Security Money:** Within twenty one days after the issue of notification of award/purchase order, the supplier shall furnish performance security to the purchaser for an amount equal to 10% of the value of the contract in the form of Account Payee demand Draft drawn in favour of ICAR UNIT CSWRI payable at SBBJ, Malpura (10088) or FDR valid up to sixty days after the date of completion of all contractual obligations by the supplier, including warranty obligations and will to sign an agreement before execution of work. In case of imported items, L.C. will generally be opened on 90% for FOB value and balance 10% will be paid in Indian Rupees. The Indian agent should be registered with the DGS&D and copy of registration should be enclosed alongwith tenders. In the event of non-deposition of the same, the earnest money will be forfeited. The Performance security will be refunded only after six month of successful completion of contract/warranty and no interest on security and earnest money deposit shall be paid by the Institute to the tenderer.

**xii) Quality of Supply of Equipment:** The Quality of Equipment to be supplied must be such that the time period between their Date of Manufacture and their Date of supply is ensured to be minimum possible and, in any case, not more than maximum 2 months.

**xiii) Transit Insurance:** The purchaser will not pay separately for transit insurance and the supplier will be responsible till the entire stores contracted arrived in good condition at destination.

**xiv) Dispute Resolution Mechanism**

If any dispute or difference arises between the purchase and supplier relating to any matter connected with the contract, the parties shall make every effort to resolve the same amicably by mutual discussion. However, if the parties fail to resolve the dispute or difference by such mutual discussion within 30 days, either the purchaser or the supplier may give notice to the other party of its intention to refer the same to arbitration. The arbitration shall commence thereafter. The arbitration shall be conducted by a sole arbitrator, who will be appointed by the Secretary, ICAR/Director CSWRI and the procedure to be followed in this respect will be as per the Indian Arbitration and Conciliation Act 1996. The venue of the arbitration shall be the place (CSWRI, Avikanagar), from where the contract is issued.

**2. SIGNING OF TENDER:**

(a) The tender is liable to be ignored if complete information is not given therein or the particulars and date, if any, asked for in the schedule to the tender are not fully filled in. Specific attention must be paid to delivery dates and also to the general condition of the contract would be governed by them.

(b) Individual signing the tender or other documents connected with the contract must specify whether he sign as:

(i) A sole proprietor of the firm or constituted attorney of such sole proprietor.

(ii) A partner of the firm if it be a partnership, in which case he must have authority to refer to arbitration dispute concerning the business of the partnership either by virtue of the partnership agreement or a power of attorney.

(iii) Constituted attorney of the firm if it is a company.

(iv) Each page of the tender, schedule to tender and annexure, if any, should be signed by the tenderer.

**3. OPNING OF TENDERS:**

You are at liberty to be present or authorise your representative to be present at the opening of the tender at the time and date as specified in the schedule. The name and address of the representative who would be attending to opening of the tender on your behalf should be indicated in your tender. Please also state the name and address of your permanent representative. If any.

#### 4. SAMPLES:

Tender samples are required duly sealed under cover only. **Quotation/tender without samples when specifically called for are liable to be ignored** When sealed pattern are mentioned in the schedule to tender specification. Certified sample thereof, may be seen at the place stated in the schedule to tender and should be examined by a competent person on your behalf. (who should take this invitation with him) before the tender is submitted.

#### 5. PACKING:

Unless a method of packing is indicated in the specification or in the schedule to the tender for the method of packing which the contractor proposes to employ must be described in the schedule to tender form.

#### 6. RIGHT OF ACCEPTANCE:

This office does not pledge itself to accept the lowest or any tender and reserves itself the right of accepting the whole or any part of the tender or portion of the quantity offered and you shall supply the same at the rates quoted. You are liberty to tender for the whole or any portion or the state in the tender that the rate quoted applies only if the entire quantity is taken from you.

#### 7. You are also required to full fill the following conditions and furnish the details as indicated in subsequent paragraphs.

At the time of awarding the contract the purchaser reserves the right to increase or decrease by up to 25%, the quantity of goods, services as specified in the List of requirement, without any change in the unit price or other terms & conditions.

**Please furnished the following certified copy with the tender / quotation document.**

1. **Latest ITCC (Income tax clearance certificate).**
2. **Authorization certificate from company for dealer ship.**
3. **Annual turnover of the firm.**
4. **Experience of the firm with proof.**

**Please indicate if you are currently registered with any Govt. organization and if registered, furnish all relevant details.**

**Please state whether business dealing with you presently stand banned by any Govt. organization, and, if so, furnish relevant details.**

**A supplier shall not submit more than one quotation for the same set of goods.**

**A supplier shall at all times indemnify the purchaser, at no cost to the purchaser, against all third party claims of infringement of patent, trademark or industrial design rights arising from the use of the goods or any part thereof, with respect to the goods quoted by the supplier in its offer.**

The quotation(s) as well as the contract shall be written in English language. All the correspondence and other documents pertaining to the quotation(s) and the contract which the parties exchange shall also be written in English.

The quotation and all correspondence and documents relating to the quotation exchanged between the bidder and the purchaser may also be written in Hindi Language provided that the same is accompanied by and English translation, in which case, for the purpose of interpretation of the quotation, the English translation shall govern.

The contract shall be governed by the laws of India and interpreted in accordance with such laws.

The quotation/offer shall remain valid for acceptance for a period not less than 120 days after the specified date of opening of the offers.

The successful bidder will have to deposit Performance Security equal to 10% of the ordered value of Goods, in the shape of Demand Draft in favour of ICAR Unit CSWRI, Avikanagar payable at S.B.B.J. (10088) Malpura.

8. The quotation shall be sealed in an envelope. The envelope shall be addressed to **DIRECTOR CSWRI, AVIKANAGAR** and should also bear the **Tender enquiry F. No. 1(647)SP/2016/ an** and the words “ DO NOT OPEN BEFORE 03-03-2017 at 3.00 PM” (\* The time and date of opening of the tenders). This envelopes should them be put inside another envelope, which will also be duly sealed. The outer envelope will bear the full address of the purchaser. The supplier must ensure that its tender (i.e. quotation), duly sealed as above, reaches the purchaser at least one hour before the time and date of opening of tenders. The supplier may also hand deliver the tender to the purchaser in which case the purchaser shall give the supplier a receipt, indicating the time & date of receipt of the tender.

9. The tenders, which are received late by the purchaser will be ignored. Further, the purchaser does not accept any liability and responsibility for the tenders in case the same are not properly sealed & marked and/or sent as above .

10. The tenders, which are received on time (as per above), will be opened at purchaser's at 3.00 P.M. on as per mentioned in the tender (dates). The purchaser will open the tenders in the presence of the tenderers' duly authorized representatives, who choose to attend the tender opening.

11. The purchaser will evaluate and compare the quotations which are substantially responsive i.e. which are properly prepared & signed and meet the required terms, conditions, specification etc. The purchaser will award the contract to the supplier whose quotation will be determined to be responsive and offering the best evaluated price.

12. Notwithstanding the above, the purchaser reserves the right to accept or reject any quotation or annual tendering process and reject all quotations at any time prior to award of the contract, without assigning any reason, whatsoever, and without incurring any liability or obligation, whatsoever, to the affected tenderer or tenderers.

Tenders are bound to accept order for additional quantity at the rate quoted only if order is placed on them within one year from the date of issue of acceptance of tender.

In case the tenderer wants to furnish in a separate covering letter any additional information/particulars of quoted conditions (e.g. those relating to allowance, discount and rebate etc.) which cannot be accommodated in the tender form by means of a note. Indication to the effect must be mentioned in the tender form. In the absence of such indication in the tender form, the contents of the covering letter will be ignored in consideration of tender.

The rate for the items required in accordance to the specifications mentioned in the tenders will only be considered otherwise the same will be rejected.

A sample of the item should be first got approved before supply of the entire quantity.

17. Please submit your quotation accordingly. You shall sign all the pages of your quotation. Your price quotation may be furnished in the format enclosed as Annexure-

You are also required to return this original tender enquiry (all the pages); as it is duly signed by you on every page, for our record. You may retain a photocopy of this tender enquiry for your record.

**18. In order to make e payment the following information is required to be depicted in the quotation letter:**

- 1. Name of the Organization/Supplier/Contractor with full address.**
- 2. Name of Bank, Branch Code with full address**
- 3. Account Number & Type of Account.**
- 4. IFSC Code (Indian Financial System Code)**

Assistant Administrative Officer

### **BID FORM AND PRICE SCHEDULES**

To

Date.....

The Director  
Central Sheep & Wool Research Institute  
Avikanagar Tehsil Malpura Distt. Tonk (Rajasthan) 304501

Ref:- Your bidding documents No..... dated.....

Having examined the above mentioned bidding documents, including agenda Nos.....(if any), the receipt of which is hereby duly acknowledged, we the undersigned, offer to supply and deliver equipments/items mentioned in Part-1 of Schedule of requirements in conformity with the said bidding documents for the sum as shown in the price schedules, attached herewith and made part of this bid.

We undertake if our bid is accepted, to deliver the goods and complete the services in accordance with the delivery schedule specified in the **Schedule of requirements** after fulfilling all the applicable requirements incorporated in the above referred bidding documents.

If our bid is accepted, we will provide you with performance security as per the instructions specified in GCC clause 7 and in a form acceptable to you in terms of GCC clause 7.5 for a sum equivalent to 10% (ten percent) of the contract price for the due performance of the contract.

We agree to abide by this bid for the bid validity period specified in the ITB clause 15(read with modification, if any, in the Bid Data Sheet) or for the subsequently extended period, if any, agreed to by us and it shall remain binding on us and may be accepted at any time before the expiration of that period.

Until a format contract is prepared and executed this bid together with your written acceptance thereof and your notification of award, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this..... day of.....201 .....

Signature

(in the capacity of )

Duly authorized to sign bid for and on behalf of)

**SCHEDULE TO TENCER & TECHINICAL SPECIFICATION  
AND QUALITY CONTROL REQUIREMENTS**

Earnest/Bid Security : 10,000/- (As per mentioned in the Limited tender)  
Date & Time of Receipt of tender : 03.03.2017 up to P.M. 1.00 PM  
Date & Time of Opening of Tender : 03.03.2017 at 3.00 P.M.  
The tender shall remain open for acceptance till : 120 days from the date of opening

Item No.	Description of goods & Specification
1	

Signature of tenderer  
With seal

**TECHNICAL EVALUATION STATEMENT**

S.No.	Institute specification	Specification quoted by the firm	Fulfil, not or batter

Signature of tenderer  
With seal

# CENTRAL SHEEP & WOOL RESEARCH INSTITUTE

Avikanagar Tehsil Malpura Distt. Tonk (Rajasthan) 304501

## **QUESTIONNAIRE**

**BIDDERS SHOULD FURNISH SPECIFIC ANSWERS TO ALL THE QUESTIONS GIVEN BELOW. IN CASE A QUESTION DOES NOT APPLY TO A BIDDER, THE SAME SHOULD BE ANSWERED WITH THE REMARK "NOT APPLICABLE". BIDDERS MAY PLEASE NOTE THAT IF THE ANSWERS SO FURNISHED ARE NOT CLEAR AND/OR ARE EVASIVE THE BID WILL BE LAIBLE TO BE IGNORED.**

1. Bid No..... Date for bid opening on.....
2. Offer is open for acceptance .....
3. Brand of goods offered :
4. Name & address of manufacturer :
5. Station of Manufacturer. :
6. What is your permanent Income: :  
Tax A/C No.
7. Confirm whether you have attached your latest/current ITCC or certified photocopy thereof.
8. Status :

Are you currently registered with the Directorate General of Supplies & Disposals (DGS&D) for the item(s) quoted? If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration.

Are you a small scale unit currently registered with the National Small Industries Corporation (NSIC) under Single Point Registration Scheme for the items(s) quoted ? If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration.

If you are not registered either with NSIC or DGS&D, please state whether you are currently registered with Directorate of Industries of the State Government concerned. If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration.

Are you registered under the Indian Companies Act, 1956 or any other Act?

Please attach certified copy (copies) of the relevant registration certificate(s) in confirmation to you above answer(s).

9. Please indicate  
Name & Full address of your Banker(s):

Whether you are :

- i) Manufacturer of the goods quoted; or
- ii) Manufacturer's authorized agent for those goods.

State whether business dealings with you have been currently banned by any Ministry/Deptt. Of Central Govt. or any State Govt.

### **Signature of Witness**

Name & address of Witness

### **Signature of Bidder**

Full name, designation & address of  
the person signing above For and on  
behalf of Messrs.

.....  
Name & address of bidding firm)

## FORMAT OF PRICE QUOTATION

S.No.	Description of Goods & allied services	Specifications	Accounting Unit	Qty.	Quoted Unit prices in Rs.		
					In figures	In words	

Grand Total Cost Rs. \_\_\_\_\_  
(Rupees \_\_\_\_\_ only)

Details of Sales Tax to be paid extra, if applicable:

Current rate of the same, if applicable:

Bank Account No. : .....; Bank's Name: .....; Branch Code No.: .....; SWIFT/IFSC Code No.: ..... (For E-Payment, if desired)

We agree to supply the above goods & allied services. We confirm that the same will meet the description, specification and other technical details as required in the tender enquiry.

We confirm that we agree to all other terms & conditions of your tender enquiry including the terms of delivery, period of delivery and warranty provision.

We have furnished all the information, as required in the tender enquiry and attached the relevant documents.

(In case the tenderer desires to put some additional/modified stipulations, terms & conditions etc. the same may be clearly indicated)

We confirm that our offer will remain valid for acceptance for 120 days after the date of opening of tenders.

\_\_\_\_\_  
Signature

Name \_\_\_\_\_  
Designation \_\_\_\_\_  
of the authorized executive of the tendering firm)  
For and on behalf of \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

With seal of the tendering firm)

Date:

Place:



**PRICE SCHEDULE FOR DOMESTIC GOODS OR  
GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA**

S.No.	Particulars	
1.		Schedule No.
2.		Item description
3.		Country of Origin
4.		Accounting Unit and Quantity
5.		<b>Price per Unit</b>
	(a)	Ex-factory/Ex-Warehouse/ Ex-Showroom off the shelf
	(b)	Excise Duty, if any
	(c)	Packing and forwarding
	(d)	In-land transportation
	(e)	Insurance other duties and taxes, If any (other than sales tax) and incidental costs
	(f)	Incidental service (including supervision)
6.		Overall Unit Price (a+b+c+d+e+f)
7.		Total Price (4x6)
8.		Sales Tax payable, if contract is awarded

Total bid price in Rupees (in figures) \_\_\_\_\_  
\_\_\_\_\_ (in words) \_\_\_\_\_

**Place :**

Date :

Signature of bidder

Name

Business address

**Note:**

- i. In case of discrepancy between unit price and total price, the unit price shall prevail.
- ii) If nothing to the contrary to this effect is mentioned under Section V (Technical Specification and Quality Control Requirements), the bidder shall give list of spare parts for two years operation separately indicating description, quantity, unit price and total price in the above format for those items whose scope of supply includes spare parts as per 'Technical Specifications' give in Section V.

**PRICE SCHEDULE FOR GOODS TO BE IMPORTED FROM ABROAD**

S.No.	Particulars	
1.	Schedule No.	
2.	Item description	
3.	Country of Origin	
4.	Accounting Unit and Quantity	
5.	<b>Price per Unit</b>	
	(a)	Unit Price FOB Port of loading
	(b)	Inland transportation charges, Insurance and other local costs incidental to delivery, if specified.
	(c)	Incidental services including supervision
6.	Overall Unit Price (a + b+c)	
7.	Total Price (4 x6)	
8.	Indian Agent's name	
9.	Indian Agent/s Commission as a percentage of FOB price included in the Quoted price.	
10.	Shipment weight and volume	

Total bid price in Rupees (in figures)

(in words).....

**Place :**

Date :

Signature of bidder

Name :

Business address:

**Note:**

- i) In case of discrepancy between unit price and total price, the unit price shall prevail.
- ii) If nothing to the contrary to this effect is mentioned under Section V (Technical Specification and Quality Control Requirements), the bidder shall give list of spare parts for two years operation separately indicating description, quantity, unit price and total price in the above format for those items whose scope of supply includes spare parts as per 'Technical Specifications' give in Section V.
- iii) Indian Agent's commission shall be paid in Indian Rupees only. No change due to exchange variation shall be allowed.

फर्म का नाम----- (फर्म के लेटर हेड पर)

**प्रमाण पत्र**

ब्रमांक-----

दिनांक :

प्रमाणित किया जाता है कि हमारे द्वारा रिप्लेसमेंट केट-5 से केट-6 उपकरण की तकनीकी विशिष्टताओं के अनुसार निविदा में दर्शाई गई दरों से कम दरों पर किसी भी संस्थान / संस्था को उपकरण की आपूर्ति / विक्रय नहीं किया गया है ।

निविदादाता के हस्ताक्षर