

Tender for procurement of Network Cables

A. BRIEF PROJECT REQUIREMENT

Bank of Baroda has a requirement of Network Cable as per the details mention below at Mumbai Office:

Description	Quantity	Approved make / model
LC-LC Connector	200	Systemax / Comscope / Panduit / Corning.
CAT 6A Cables (5 ft)	150	
CAT 6A Cables (7 ft)	300	
CAT 6A Cables (15 ft)	250	
12 Core MMOM3 (10G) 50/125 indoor MPO Trunk cable (15 m)	6	
12 Core MMOM3 (10G) 50/125 indoor MPO Trunk cable (30 m)	10	

B. PURPOSE

Bank of Baroda, a body corporate constituted under the Banking Companies (Acquisition & Transfer of Undertakings) Act 1970, having its Corporate Office at C-26, G-Block, Bandra Kurla Complex, Bandra East, Mumbai - 400051 (hereinafter referred to as the "Bank") which expression unless repugnant to the context or meaning thereof shall mean and include its successors and assigns), intends to issue this bid document, hereinafter called Tender, to eligible Bidders, hereafter called as 'Bidders / Bidders', to participate in the competitive bidding towards procurement of Network Cable.

The Bank, for this purpose, invites proposal from Bidders who are interested in participating in this Tender and who fulfill the criteria mentioned in this document. The participating bidder must agree to all our terms & conditions mentioned under this Tender document.

C. E-PROCUREMENT GUIDELINES

The bidders are requested to submit their commercial proposal for above mentioned procurement through website link provided below as part of e-tendering only. e-tendering / online tendering is the simulation of the manual tendering process on the internet i.e. the eligible bidders / tenders can log on to the internet website specified using a unique user name & password and place their Technical & Commercial bids. The eligible bidders will be trained by M/s e procurement Technologies Ltd. personnel on the methodology of submitting the bids online using a digital signature/electronic key / password at the date and time specified. The bids placed by the bidders are confidential and will be opened by the authorized Bank of Baroda officials. No other person can gain access to the information regarding the bids, which is confidential in nature.

Minimum requirement:

- 1) Computer/Laptop with internet connection
- 2) Operating System – Windows XP Service pack - 3 / Vista / Windows 7

- 3) Digital Certificate - Class II or III, signing + Encryption and it should be organizational certificate.
- 4) Bidder registration can be done online by opening Website <https://bobtenders.abcprocure.com/EPROC/> Click on Registration link, create User Id and Password and attach your Digital certificate.

D. IMPORTANT DATES

Schedule of RFP	
Tender No.	BCC:IT:PROC:112:21
Date of Viewing Tender	18 th March 2020
Date of Pre - Bid Meeting	Not Applicable
Last Date & Time of Submission of Bids	03:00 PM on 1 st April 2020
Date & Time of opening of Part-I Eligibility / Technical Bid	03:30 PM on 1 st April 2020
Date & Time of opening of Part-II Commercial Bid	To be communicated Later
Earnest Money Deposit	Not Applicable
Address for online submission of bids (technical as well as commercial bids)	Bid must be submitted online on https://bobtenders.abcprocure.com/EPROC/
Address for opening of bids	https://bobtenders.abcprocure.com/EPROC/
Contact Details of M/s. e-Procurement Technologies Ltd.(ETL), Ahmedabad	M/s e-Procurement Technologies Limited Ms. Shubhangi Banodiya:- 079-68136826, 9879996111 shubhangi@auctiontiger.net

E. SUBMISSION DETAILS

As part of the submission the bidder should submit the following documents through our eProcurement portal:

- a) **Undertaking Letter from Principal Bidder (Part-I Eligibility / Technical Bid) –**
A letter of undertaking from the bidder on the following points:
 - 1) Valid documentary Proof stating that the **Bidder** is authorized partner of OEM (Systemax / Comscope / Panduit / Corning).
 - 2) **Bidder** should provide an undertaking on his letter head that all the technical features highlighted as part of Annexure 1 - Technical Specification of Network Cables are covered in totality in the proposal submitted by the bidder.
 - 3) Annexure 2 - Duly filled up Bill of Material (BOM) for Network Cable with Quoted Make & Model.
 - 4) Agreeing to all terms & conditions as detailed in the tender
 - 5) Escalation Matrix with First Level Support, Second Level Support, Regional & Zonal head, Country Head Details along with their Name, Contact Number (LL & Mobile), E-Mail ID.

- b) **Commercial Bid** - Commercial Bid for Network Cable should be strictly as per Commercial bid format (Annexure - 3). Any commercial bid submitted not in conformity with Annexure – 4 and provided along with the Eligibility cum Technical bid, then whole bid will be rejected outright.

Commercial bid needs to be sealed & signed by the bidder's authorised signatory strictly as per Annexure - 3 and encrypted using e-signer tool (available on our e-procurement website <https://bobtenders.abcprocure.com/EPROC/> for download) before uploading it to the website.

F. EVALUATION METHODOLOGY

Bank will evaluation the commercials of only those bidders who have submitted valid Undertaking Letters as mentioned in “**Point E. SUBMISSION DETAILS**”. The bidder quoting the lowest commercial shall qualify as the L1 bidder. The bidder is expected not to add any conditions / deviations in the commercial bid. Any such conditions / deviations may make the bid liable for disqualification.

Total Amount quoted should be inclusive of all taxes, duties, levies etc. except GST. GST will be paid as per actual.

G. NORMALIZATION OF BIDS

The Bank will go through a process of evaluation and normalization of the bids to the extent possible and feasible to ensure that bidders are more or less on the same ground of evaluation. After the normalization process, if the Bank feels that any of the bids needs to be normalized and that such normalization has a bearing on the price bids; the Bank may at its discretion ask all the bidders to resubmit the commercial bids once again for scrutiny. The Bank can repeat this normalization process at every stage of bid submission or till the Bank is satisfied. The bidders agree that they have no reservation or objection to the normalization process and all the bidders will, by responding to this tender, agree to participate in the normalization process and extend their co-operation to the Bank during this process. The bidders, by submitting the response to this tender, agree to the process and conditions of the normalization process.

H. OTHER TERMS

Please note that any response which does not provide any / all of the information in the specified formats shall be rejected and the Bank shall not enter into any correspondence with the bidder in this regard.

The Bank reserves the right to accept or reject the tender in whole or in parts without assigning any reason thereof. The bank's decision will be final and the bank will not entertain any correspondence in this regard. Bank will not assume any responsibility in case of delay or non-delivery of responses by post, courier, etc within the stipulated time. Mere response to the tender will not entitle nor confer any right on the bidders for supply/sale to the bank.

Those bidders who do not fulfill any one of the required specifications and not meeting other criteria will not be considered.

I. PAYMENT TERMS

The payment will be released as follows:

- 90% of the total cost on after one month of delivery of the product. (POD document signed by the concerned Bank officials to be provided along with invoice for release of payment).
- Balance amount of 10% will be released against Performance Bank guarantee by a scheduled commercial bank other than Bank of Baroda valid for an equivalent amount valid for the period of One Year.

The payment will be released from IT Dept., BCC as per the payment terms on submission of related documents.

The Bank will pay invoices within a period of 30 days from the date of receipt of undisputed invoices. Any dispute regarding the invoice will be communicated to the selected Bidder within 15 days from the date of receipt of the invoice. After the dispute is resolved, Bank shall make payment within 30 days from the date the dispute stands resolved. There shall be no escalation in the prices once the prices are fixed and agreed to by the Bank and the bidders. But, any benefit arising out of any subsequent reduction in the prices due to reduction in duty & taxes after the prices are fixed and before the delivery should be passed on to the Bank.

The Bidder must accept the payment terms proposed by the Bank. The commercial bid submitted by the bidders must be in conformity with the payment terms proposed by the Bank. Any deviation from the proposed payment terms would not be accepted. The Bank shall have the right to withhold any payment due to the bidder, in case of delays or defaults on the part of the bidder. Such withholding of payment shall not amount to a default on the part of the Bank. If any of the items / activities as mentioned in the price bid is not taken up by the bank during the course of the assignment, the bank will not pay the professional fees quoted by the bidder in the price bid against such activity / item.

J. DELIVERY TIMELINES

Delivery of required Network Cable should be within 1 week from the date of purchase order at our Corporate Office, Mumbai. The product supplied should be with 1 year warranty from the date of invoice. The Addresses for delivery of Network Cable are as follows:

Bank of Baroda, Baroda Sun Tower, 2 nd Floor, IT Department, C-34, G Block, Bandra Kurla Complex, Bandra (East), Mumbai – 400051

Bidder will have to pay late delivery charges to Bank of Baroda @ 1% of the purchase order value inclusive of all taxes, duties, levies etc., per week or part thereof, for late delivery beyond due date of delivery, to a maximum of 5% of the total purchase order value inclusive of all taxes, duties, levies etc.. If delay exceeds the maximum percentage of 5%, Bank of Baroda reserves the right to cancel the respective purchase order.

Bidder will be responsible for ensuring proper packing, delivery and receipt of the hardware and software related to hardware at the site(s). Sealed packs will be opened in the presence of Bank of Baroda officials.

All accessories as part of the hardware / software to make the Network Cable operational should be delivered together with the equipment. Any component has not been delivered or if delivered is not operational on account of which the equipment is

not functioning, will be deemed / treated as non-delivery of the equipment thereby excluding the Bank from all payment obligations under the terms of this contract. Partial delivery of equipment is not acceptable and payment would be released as per terms only after full delivery.

K. TRANSPORTATION AND INSURANCE

All the costs should include cost, insurance and freight (c.i.f). However, the bidder has the option to use transportation and insurance cover from any eligible source. Insurance cover should be provided by the bidder till the acceptance of the Hardware by Bank. The bidder should also assure that the goods would be replaced with no cost to Bank in case insurance cover is not provided.

L. DEAD ON ARRIVAL (DOA)

The Bidder has to ensure that any equipment supplied as part of this Tender should not be Dead on Arrival (DOA). In the event if any equipment supplied by the bidder is Dead on Arrival (DOA), the bidder has to replace the equipment at no additional cost to the Bank.

M. DOCUMENTATION

Bidder will have to supply all necessary documents in English related to the Network Cable along with their bid submission.

N. FORCE MAJEURE

Should either party be prevented from performing any of its obligations under this proposal by reason of any cause beyond its reasonable control, the time for performance shall be extended until the operation or such cause has ceased, provided the party affected gives prompt notice to the other of any such factors or inability to perform, resumes performance as soon as such factors disappear or are circumvented.

If under this clause either party is excused performance of any obligation for a continuous period of ninety (90) days, then the other party may at any time hereafter while such performance continues to be excused, terminate this agreement without liability, by notice in writing to the other.

O. ARBITRATION

In the event of a dispute or difference of any nature whatsoever between Bank and the bidder during the course of the assignment arising as a result of this proposal, the same will be settled through the process of arbitration conducted by a Board of Arbitration. This Board will be constituted prior to the commencement of the arbitration and will comprise of two arbitrators and an umpire. Bank and Bidder will each nominate an arbitrator to the Board and these arbitrators will appoint the umpire. Arbitration will be carried out at Bank's office that placed the order. The provisions of Indian Arbitration Act 1996 shall apply to the Arbitration proceeding.

P. INDEMNITY

The bidder will indemnify, protect and save the Bank against all claims, losses, costs, expenses, action suits and other proceedings, resulting from infringement of any patent, trademarks, copyrights etc. in respect of the Network Cable provided by him.

Q. CONFIDENTIALITY

The Bidder shall keep confidential any information obtained under the contract and shall not divulge the same to any third party without consent in writing by Bank. In case

of non-compliance of the confidentiality agreement, the contract is liable to be cancelled by Bank. Further, Bank shall have right to regulate bidder staff.

R. INFORMATION AND SECRECY

The Bidder must provide a written undertaking to the bank to comply with the secrecy provision pursuant to provision of Banking Regulation Act, 1949 and other applicable laws. The Bidder will follow professional ethics and conduct in performing their duties. The Bank has right to terminate the services of the Bidder if it fails to comply with the conditions imposed. The external and internal auditors of the bank will be given right to review the books and internal controls of the Bidder. Any weaknesses highlighted during the audit must be promptly rectified especially where such weaknesses may affect the integrity of the internal controls of the bank.

S. PUBLICITY

The bidder shall not advertise or publicly announce that he is undertaking work for Bank without written consent of the Bank.

T. STANDARDS

All standards to be followed will adhere to Bureau of Indian Standards (BIS) specifications or other acceptable standards.

U. TERMINATION FOR DEFAULT

The Bank, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Bidder, may terminate this Contract in whole or in part, if the Bidder fails to perform any obligation(s) under the Contract.

In the event of the Bank terminating the Contract in whole or in part, the Bank may procure, upon such terms and in such manner, as it deems appropriate, services similar to those undelivered, and the Bidder shall be liable to the Bank for any excess costs for such similar services.

V. AUDIT

Bidder shall allow the Reserve Bank of India (RBI) or persons authorized by it to access Bank documents, records or transaction or any other information given to, stored or processed by Bidder in relation to the services hereunder within a reasonable time failing which Bidder will be liable to pay any charges/ penalty levied by RBI.

Bidder should allow the Reserve Bank of India (RBI) to conduct audits or inspection of its Books and account with regard to Bank documents by one or more RBI officials or employees or other persons duly authorized by RBI.

W. NO EMPLOYER EMPLOYEE RELATIONSHIP

The Bidder or any of its holding / subsidiary / joint venture / affiliate / group / client companies / or any of their employees / officers / staff / personnel / representatives / agents / shall not under any circumstances be deemed to have any employer – employee relationship with the Bank or any of its employees / officers / staff / representatives / personnel / agents.

X. AUTHORIZED SIGNATORY

The Bidder shall indicate the authorized signatories who can discuss and correspond with the Bank, with regard to the obligations under the contract. The Bidder shall submit at the time of signing the contract, a certified copy of the resolution of their Board, authenticated by Company Secretary/Director, authorizing an official or officials of the company or a Power of Attorney copy to discuss, sign agreements/contracts with the

Bank. The Bidder shall furnish proof of signature identification for above purposes as required by the Bank.

For any further clarifications you may contact following officials:

Contact Person Name	Designation	Contact No.
Mr. Arnab Das	Sr. Manager (IT)	022-6698 3237
Ms. Archana Save	Chief Manager (IT Procurement)	022 6698 1556

E-mail all your queries to rfp.it.procurement@bankofbaroda.com.

Annexure 1– Technical Specification of Network Cable

CAT 6A Cable	
S/N	Required Minimum Specifications
1	The Cable should meet ANSI/TIA 568C.2 Category 6A Specifications
2	The Conductors should be twisted in pairs with four pairs contained in a flame retardant LSZH jacket separated by a divider and conductor size should be 23 AWG.
3	The cable should support the installation temperature: 0 to 60° C
4	The Cable should support Operating temperature of -20 to 60° C
5	The Category 6A/ Class EA STP Structured Cabling System(SCS) shall comply with the standards ISO/IEC 11801:2010,EN 50173 Part 1 through Part 5:2010 and 2011, ANSI/TIA-568-C IEC 60603-7-4,IEEE 802.3 applications as outlined in section 2 & Local/National Codes and Regulations.
6	The Category 6A/ Class EA UTP system should support IEEE Ethernet applications: 802.3e - 1BASE5, 802.3i – 10GBASE-T , 802.3u - 100BASE-TX, 100BASE-T4, 802.3y - 100BASE-T2, 802.3z - 1000BASE-X, 802.3ab - 1000BASE-T,802.af - Power Over Ethernet (15.4W),802.3at - Power Over Ethernet Enhancements (25.5W),802.3az - Energy Efficient Ethernet.
7	The SCS must be tested by a 3rd Party test facility to EIA/TIA 568C, ISO/IEC 11801 Amendment 1 and for the channel testing ,the certificate for the same must be provided as part of the bid response.
8	Each patch cord should be 100% factory made and performance tested.

Fibre Cables (OM3 / OM4)	
S/N	Required Minimum Specifications
1	The 50/125 mm fiber channel shall support single-channel serial transmission, 10 gigabits per second (Gb/s) for a distance of 300 meters, 40Gbps up to a distance of 100-150 meters
2	The channel shall support 10 Gb/s short wavelength (850 nm) emerging technology applications using vertical cavity surface emitting lasers (VCSELs) and low bit rate LED applications for legacy systems.
3	The 50 micron fiber shall be optimized to control differential mode delay (DMD) or equivalent standard, so that “pulse splitting” at 10 Gb/s is eliminated.
4	The high performance fiber shall use the same termination and test procedures that are currently used for the existing industry’s lower performance 50 mm fiber. Fibers shall be manufactured with dual acrylate coating for maximum color retention and protection.
5	The 50 mm fiber cable, 50 mm fiber connectors, 50 mm patch cords and apparatus, which comprise the channel shall be manufactured from a single manufacturer
6	The 50 micron fiber shall meet or exceed the following standards, as applicable, for OSP or Plenum cables: ICEA S-83-596, ISO/IEC-794, GR-409, TIA/EIA455, TIA/EIA492, TIA/EIA568-B, ANSI-FDDI, IEEE 802, UL 910 or equivalent, OFNP classification as described in the National Electric Code (NEC2), OFN-LS Low Smoke Cables, CSA Certified (OFN FT4/FT6) or equivalent and approved component industry standards.

7	Multimode fiber cable should be Bend - Insensitive multi-mode fiber (BIMMF) to significantly reduce macro bend losses even in the most challenging bend scenarios.
8	The cable should be able to withstand bending radius of 3 times the outer diameter. Maximum insertion loss in MTP connector should be ≤ 0.35 dB
9	Maximum reflectance loss in MTP connector should be < -35 dB
10	Trunks cable shall be manufactured with ultra-bendable fiber and meet the fiber performance: (@ 850 nm wavelength) - (a) Max. Attenuation, Loose Tube Cable - 3.0 dB/km (b) Max. Attenuation, Tight Buffer Cable - 3.0 dB/km (@ 1300 nm wavelength) - (a) Max. Attenuation, Loose Tube Cable - 1.0 dB/km (b) Max. Attenuation, Tight Buffer Cable - 1.0 dB/km
11	Flame Test Specifications : Flame Test Listing NEC OFNRLS (ETL) and c(ETL) or equivalent
12	The OM3/OM4 fibre should be bidirectional mode

Annexure 2 – Bill of Material (BOM) for Network Cable

Part Number	Location / Quantity	Approved Make & Model	Quoted Make & Model
LC-LC Connector	Mumbai - 200		
CAT 6A Cables (5 ft)	Mumbai - 150		
CAT 6A Cables (7 ft)	Mumbai - 300		
CAT 6A Cables (15 ft)	Mumbai - 250		
12 Core MMOM3 (10G) 50/125 indoor MPO Trunk cable (15 m)	Mumbai - 6	Systemax / Comscope / Panduit / Corning	
12 Core MMOM3 (10G) 50/125 indoor MPO Trunk cable (30 m)	Mumbai -10		

Annexure 3 – Commercial Bid : Network Cable

Sr No	Description	Qty	Unit Price (Rs.)	Total Amount (Rs.)	GST Percent age (%)	GST Amou nt	HSN / SAC Code
1	LC-LC Connector	200					
2	CAT 6A Cables (5 ft)	150					
3	CAT 6A Cables (7 ft)	300					
4	CAT 6A Cables (15 ft)	250					
5	12 Core MMOM3 (10G) 50/125 indoor MPO Trunk cable (15 m)	6					
6	12 Core MMOM3 (10G) 50/125 indoor MPO Trunk cable (30 m)	10					
Total Cost of Ownership (Rs.)						XXX	

Note:

- All the commercial value should be quoted in Indian Rupees.
- For each of the above items provided the bidder is required to provide the cost for every line item where the bidder has considered the cost in BOM.
- If the cost for any line item is indicated as zero then it will be assumed by the Bank that the said item is provided to the Bank without any cost.
- Prices quoted by the Bidder should be inclusive of all taxes, duties, levies etc. except GST. GST will be paid at actuals.
- Bidder has to mandatorily declare the applicable Goods & Service Tax Percentage (GST %), Goods & Service Tax Amount & HSN / SAC Code in the commercial bid format. The applicable Goods & Service Tax will not be part of Total Cost of Ownership (TCO) calculation
- Bank will deduct applicable TDS, if any, as per the law of the land.
- The bidder needs to clearly indicate if there are any recurring costs included in the above bid and quantify the same. In the absence of this, the bidder would need to provide the same without any charge.
- Further, we confirm that we will abide by all the terms and conditions mentioned in the Tender document.
- We hereby undertaking to the bank to comply with the secrecy provision pursuant to provision of Banking Regulation Act, 1949 and other applicable laws.
- Further, we confirm that we will abide by all the terms and conditions mentioned in the Tender document.

Place:
Date:
Seal & Signature of the bidder