



NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA-769008 (ODISHA)

An Institute of National Importance under Ministry of HRD, GOI

NOTICE INVITING TENDER

Tender Notification No: NITR/CC/HOD/L/2014/1038 Dt: 10.11.2014

The National Institute of Technology, Rourkela invites sealed bids from eligible bidders for supply of **Passive Network Equipment**.

Last date of Submission of Bid: **10.12.2014 at 03.00 PM**

Opening date of Bid: **10.12.2014 at 03.30 PM**

Details at http://www.nitrkl.ac.in/Jobs_Tenders/9Equipment/Default.aspx

Contact: (i) **Prof. A.K. Turuk**, Head, CC; Ph: 0661-2462360; Email: akturuk@nitrkl.ac.in ii) **Prof. S.K. Patra**, Chairman PC, CC; Ph: 0661-2462457; Email: skpatra@nitrkl.ac.in

REGISTRAR



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA – 769 008, ODISHA**

Advertised/ Limited Tender Enquiry

Department: Computer Center

Enquiry No: NITR/CC/HOD/L/2014/1038

Date: 10.11.14

Important Dates

To

Event	Date	Time
Last Date of submission of quotation	10.12.14	3.00PM
Quotation Opening date	10.12.14	3.30 PM

Dear Sir,

We intend to purchase the commodities specified in enclosed documents and invite quotations in accordance with the terms and conditions detailed in the bid document. If you are interested, kindly send your offer with prices and complete terms and conditions within the time mentioned above.

Please send your quotation to:

Head,

Computer Center

Attn.: Prof. A.K. Turuk

NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA – 769 008, ODISHA

Yours sincerely,

Prof. A.K. Turuk
Head, Computer Center

Encl :

- (1) Schedule of requirement, specifications, dates etc.
- (2) Bid document containing detail terms and conditions.

1. **Schedule of requirements:**

Sl. No.	Description of Goods / Service	Quantity
1.	Networking hardware – Passive Equipments (as per detail Annexure-A) Product of following manufacturer is acceptable. LEGRAND / HUBBELL/ SYSTIMAX(COMMSCOPE)	Annexure-A

2. **Specifications and allied Technical Details**

As attached in Annexure-A

3. **Format of Quotation** (tick appropriate box)

It is a single bid; please give all technical specifications and price bid in one envelope.

OR

It is a two-part bid with separate techno-commercial and price bids.

4. The bid envelope should be superscribed with

Bid for Passive Network Equipment vide Enquiry No. NITR/CC/HOD/L/2014/1038 Dated 10.11.14

5. Quotations should be valid for a period of **180** days from the closing date of the bid.

6. Attending bid meeting is compulsory for firms intending to participate in bid.

7. **Some important dates:**

a.	Last date for receipt of quotation:	Date: 10.12.2014	Time: 3.00 PM
b.	Opening of bid:	Date: 10.12.2014	Time:3.30 PM

8. **Warranty** of 5 years for the hardware supplied.

9. (a) **Excise Duty:** The Institute is exempted from Excise Duty (please refer point no. 2.2. in bid document). Please state applicable excise duty as a separate item.

9. (b) **VAT/CST:** The Institute is not authorized to give C or D form. CST or VAT should be charge according to applicable rates.

9. (c) **Entry Tax:** The State of Odisha charges entry tax on all goods entering the State. Please include it in your quotation as a separate item. Entry Tax will be reimbursed on production of proof of payment.

9. (d) Institute can provide custom duty exemption certificate if the equipment can be imported. This option can be considered if there is a price advantage.
10. **Bid Security** (See pt. no. 2.6 of instructions): Rs. 1,00,000 (Rupees Two Lakhs only) in form of Account Payee Demand Draft drawn in favour of “Director, NIT Rourkela”, payable at Rourkela or Bank Guarantee to “National Institute of Technology, Rourkela” for 6 months.
11. **Performance Security** (See pt. no. 2.7 of instructions): NA
12. Please go through the enclosed “bid document” carefully for other bidding instructions.
13. (a) Please send your quotations by Registered/ Speed Post/ Courier Service to:

Attention: Prof. A.K. Turuk
National Institute of Technology, Rourkela – 769 008
Ph: 0661-2462671 e-mail: hod-cc@nitrkl.ac.in, akturuk@nitrkl.ac.in
Superscribe the envelope : Quotation for networking hardware –
parrive materials

OR (b) Drop the quotation in the Tender Box kept in the office of the Department during the normal working hours of the Institute. Please do not hand over the quotation to any person by hand.

14. For technical details, you may contact

Prof. A.K. Turuk
Head, Computer Center
National Institute of Technology, Rourkela–769008
Phone: 0661–2462671
e-mail: hod-cc@nitrkl.ac.in, akturuk@nitrkl.ac.in



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA - 769008 (ODISHA)**

Proposals are invited from reputed Indian firms for supply of Passive Network Equipment. Sealed proposal should reach the undersigned by the date mentioned in point no. 6 of tender enquiry. The representatives of the firms should be present during the technical presentation.

**BID
DOCUMENT**

1. Instructions to the bidders:

1.1 Sealed bids are invited on behalf of the Director, National Institute of Technology (NIT), Rourkela – 769 008, Odisha, from the intending bidders for supply of the Passive Network Equipment for the Institute as detailed in the enquiry letter.

1.2 Eligibility of Bidders:

The bidder should be a Network equipment manufacturer (OEM) / System integrator/ authorized distributor/ Reseller. The manufacturer (OEM) should authorize the distributor for this tender specifically. Documentary proof regarding this must be attached.

1.3 Firms are advised to study all technical and commercial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the Tender Document in every respect will be at the firm's risk and may result in the rejection of the bid.

1.4 The bidders should quote their offer/ rates in clear terms without ambiguity.

1.5 All damaged or unapproved goods shall be returned at the firm's risk and cost and the incidental expenditure there upon shall be recovered from the concerned party.

1.6 Printed conditions of the firm sent along with the quotation, if any, shall not be binding on us.

1.7 The rates should be quoted both in figures and words and legibly written without any over-writings. In case of any correction, the same must be attested by the bidder with full signature. However, no over-writing is permissible. Manufacturer's price-list, where applicable, should be submitted along with the bid.

Any discrepancy between quoted prices in figures and that in words, if noted, will be sorted out in the following manner:-

- (i) If there is a discrepancy between the unit price and the total price the unit price shall prevail and the total price will be corrected accordingly.
- (ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
- (iii) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to above.

- 1.8 The last date for receipt of the bid is marked in the enquiry. In case the above date is declared a holiday for NIT, Rourkela, then the bids will be received up to the appointed time on the next working day.
- 1.9 The bids may be sent by registered or speed post or by courier service, so as to reach the concerned department before the last date of receipt, or alternatively, be dropped in the tender box kept at the Computer Center.
- 1.10 The bidder may modify his bids before the last date appointed for receipt of the bids by sending an amendment to the bid. No bid shall be modified after the deadline for receipt of the bids.
- 1.11 Bids received after the deadline indicated in pt. no.7 in tender enquiry, shall not be taken in to consideration.
- 1.12 Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and considered non-responsive.
- 1.13 The bids may be submitted in two parts, viz., technical bid and financial bid. The above two bids may be sealed by the bidder in separate cover duly super-scribed and both these sealed covers are to be put in a bigger cover which should also be sealed any duly super-scribed.
- 1.14 **Clarification Regarding Tender Document:** A prospective firm requiring any clarification of the tender document may notify the client in writing at the Client's mailing address indicated under pt. no. 13 of advertised/limited tender enquiry document. The client will respond in writing to any request for clarification of the tender document, received not later than 07working days prior to the last date for the receipt of bids prescribed by the client.
- 1.16 **Amendment of Tender Document:**
 - a. At any time prior to the last date for receipt of bids, the client may modify the tender document by an amendment for any reason, whether at its own initiative or in response to a clarification required by a prospective firm.
 - b. The amendment will be notified in writing or by telex or e-mail to all prospective firm who have received the tender documents and will be binding on them.
 - c. The client may, at its discretion, extend the last date for the receipt of the bids if required.
- 1.17 The cover containing the bid must be sealed and superscribed "Bid for Passive Network Equipment vide No. NITR/CC/HOD/L/2014/1038, dated 10.11.14" as given under pt. no. 4 of the enquiry.
- 1.18 The bids shall be opened in the Institute Board Room at the date and time given on the top of the document. The bidders may send their authorized representatives to attend the bid opening, if they so desire. In the event of the above bid opening date being declared holiday for the NIT, Rourkela, the bids will be opened at the appointed time and place on the next working day. Any change in venue will be intimated suitably.

1.19 The bidder has to sign in full at all pages of the bidding document.

1.20 **Tender Opening:** The authorized personnel from the company may be present at the tender technical bid opening with the valid authorization letter. The technically qualified bidders will be informed after which Commercial Bid opening will be done and finalized on same day.

All the services/ items to be supplied should be new, of latest technology, good quality and standard and as per specifications mentioned. The selected vendor shall be responsible for total system integration and management wherever applicable.

1.21 **Submission of offer:**

- (i) The firm shall bear all costs associated with the preparation and submission of its Bid, including the cost of presentation for the purpose of clarification of the bid, if so desired by the client and the client will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.
- (ii) All prices and other information like discounts etc. having a bearing on the price shall be written both in figures and words in the form. Where there is a difference between amounts quoted in words and figures, the amounts quoted in words shall prevail. The Excise Duty, Sales Tax, VAT, Service Tax etc. as applicable on educational institutions which are not meant for profit should be quoted separately, failing which, the Institute shall have no liability to pay these charges and the liability shall be that of the firm.
- (iii) The firms should mention their quotation rates supported with Current Professional Tax, Income Tax, VAT, Service Tax, Valid Trade License and Credentials.
- (iv) In the Commercial Bid, the prices and other information like discounts etc., having bearing on the price shall be written both in Words and Figures without any discrepancy.
- (v) Each page of the offer shall be numbered and bear the signature of the firm at the bottom. All offers shall be either type written or written neatly in indelible ink. Any corrections should be properly authenticated.
- (vi) The offers should be addressed to the **Head, Computer Center, Attention: Prof. A.K.Turuk, Computer Center, NIT, Rourkela-769008** giving indication that it contains the tender under sealed cover.
- (vii) The first cover shall be superscripted "***Technical Bid for Passive Network Equipment***". The followings may be looked into while preparing the first cover.

Envelop – A (Envelop should be superscripted “Statutory Documents for Bid”)

General Criteria and Technical bid Documents:

- a. Bidders must produce valid tender specific authorization certificate from the OEM.
- b. The list of client (at least three) with contact details of a person (phone/mob no. with e-mail ids) where the bidder had supplied the similar type of materials with successful installation.
- c. Any eligibility Documents.
- d. Copy of Certificates/P.O. with proof of having executed such similar products.
- e. Bidder should submit valid documentary proof like Sales Tax/VAT, Service Tax registration number, the details of income tax registration (PAN), Copy of Income Tax Returns/Clearance Certificate for last three years
- f. Bidders must submit a declaration on their letter head that they are not black listed in any Govt. body, undertaking, PSU or Autonomous bodies. If found the

declaration is false their offer will be out rightly rejected and their EMD amount will be forfeited.

- g. Bid security: As stated in pt. no. 10 in enquiry.
- h. Details of Hardware included in offer.
- i. Details of Technical Specification and other specifications so as to enable technical assessment of the proposal.
- j. Unpriced bid document exactly same as the price bid with full break up without the costs mentioned.

Envelop – B (Envelop should be superscripted “Financial Bid”)

Commercial Criteria Documents:

- a. The second cover shall be superscripted, “Tender for **Commercial Bid for Passive Network Equipment: Financial Bid**”.
- b. Both technical and commercial bid documents should be submitted in an organized and structured manner. No loose brochures/leaf lets etc. should be submitted. Both these covers should be sealed separately and put in an outer cover, which is also sealed and addressed to Prof. A.K. Turuk, Computer Center, NIT, Rourkela-769008 giving indication that it contains the Tender for purchase of Network Components.

1.22 Evaluation of offer:

- (i) First, the technical bids will be opened by a committee appointed by the Director. At time of Technical Bid evaluation, the shortlisted vendors may be called for detailed discussions at a specified date, time and venue, if required. They may be asked to give demonstration of their product/services, if needed. Financial evaluation will be done for those bidders who will successfully qualify in the technical evaluation.
- (ii) The financial bids of the bidders found to be unsuitable in technical evaluation will not be opened for commercial evaluation.
- (iii) Firms whose financial bids are considered unworkable in view of prevailing market condition will be rejected. L1 will be awarded after financial comparative analysis of technically qualified bidders.
- (iv) If the Institute feels necessary, it may ask for revised bids from the shortlisted vendors which should be submitted within two days of intimation to this effect in sealed envelopes on specified date and time. The revised bids shall not be for amounts more than one quoted earlier for an item, unless the specification is of higher configuration than the earlier ones, by the respective vendor. Any vendor quoting higher rates for the same item quoted earlier in their revised Commercial bid shall be disqualified for further consideration.
- (v) The Institute reserves the right to select the vendor on the basis of best possible specifications / features quoted. The decision of the Institute shall be final and representation of any kind shall not be entertained on the above.
- (vi) Any attempt by any vendor to bring influence or pressure of any kind may disqualify the vendor for the present tender and the vendor may be liable to be debarred from bidding.

- (vii) The Institute shall have no obligation to convey reason for rejection of any bid. It shall be open for the Institute to reject even the lowest bidder in the interest of the Institute and no reasons need be given therefore.

1.23 **Technical Evaluation Parameters:** The Vendor shall provide the following information with the bid to provide background information on vendor to Tender Committee. Weightage will be given to the vendors on point basis for the following details.

- a. ***The list of clients*** (contact details of a person phone/ mob. no. with e-mail ids should be attached) where the bidder/OEM had supplied the similar type of materials (as mentioned in schedule of requirements) with successful installation in last three years.
- b. ***Quality certificate*** from a recognized institution for their manufacturing/ assembly/ system integration facilities anywhere located in India or abroad.
- c. ***Delivery period*** from the date of placement of the Purchase Order.
- d. ***Customer support*** strength by the vendor.
- e. Possible quicker ***availability*** of the vendor when problem occurs.
- f. ***Mode of handling complains*** (whether by fault ticket/complain even by email or by phone etc.)
- g. ***Validity period*** of cost of equipment.
- h. ***Necessary documents*** as mentioned in point 1.21 (vii) of the bid document.
- i. Any other points may deemed fit by the committee at time of technical evaluation of bid documents.

2. **Commercial or Legal Conditions Of The Bid:**

- 2.1 The rates quoted should preferably be net, inclusive of all taxes and duties, packing, forwarding, freight, Insurance and all other incidental charges. In case these charges are quoted extra in addition to the quoted rates, the amount thereof or ad valorem rate must be specified. Packing, forwarding, freight, entry tax etc. when quoted separately are reimbursable at actuals. If external agencies are employed, their receipts must be enclosed with the invoice.
- 2.2 Duties and Taxes are to be quoted separately. Ad valorem rates thereof should be clearly indicated with reference to the relevant Acts and Rules. Entry Tax, if any paid, shall be reimbursed on production of proof. Entry Tax should be shown as a separate component.

It may be noted that the Institute is exempted from paying Excise Duty vide Government Notification No. 10/97 dated 01.03.1997 [Registration No.: TU/V/RG-CD (227)/2001, dated 10.12.2001]. The Institute is not authorized to issue C or D forms. CST and VAT may be charged at applicable rates.

NIT can pay in foreign exchange if order is placed on firm abroad. In such case NIT will provide custom duty exemption certificate. With this import will carry a residual import duty of approx 5%.

- 2.3 Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
- 2.4 The goods offered should strictly conform to the specification and technical details mentioned in *Annexure-A*.
- 2.5 The Institute may like to conduct pre-dispatch inspection of goods, where applicable.
- 2.6 The bid is to be accompanied with "Bid Security" for an amount stated in the pt. no. 10 in enquiry.

Warranty: 5 years comprehensive warranty from OEM. 15 years OEM certification of the product

- 2.7 **Performance Security:** The successful bidder has to furnish "Performance Security" as per Institute norms. Alternatively, fixed percentage of the cost of the stores as stated in the enquiry may be retained by the Institute in its Maintenance Fund towards performance security, which will be released six months after the completion of warranty period.
- 2.8 **Penalty for delay in delivery:** Any unjustified and unacceptable delay in delivery beyond the delivery schedule as per Purchase Order (which shall not be less than 30 days from the date of issue of purchase order) shall render the vendor liable for liquidated damages by way of penalty at the rate of 1.5% (one and one half percent) per week subject to a maximum of TEN weeks and thereafter the Institute holds the option for cancellation of the order of pending supply and procure the same from any other vendor and invoke the Bank Guarantee of the vendor. The Institute may deduct such sum from any moneys in their hands due or to become due to vendor. The payment or deduction of such sums shall not relieve the vendor from his obligations to complete the process of commissioning or from his other obligations and liabilities under the contract.
- 2.9 The successful bidder may be required to execute a contract, where applicable.
- 2.10 The bidder has to furnish up to date VAT and Income Tax Clearance Certificate along with the bid.
- 2.11 Payment (*100 percent*) will be made by Account Payee Cheque/ Bank Draft, within 30 days from the date of receipt of the goods in good condition or receipt of the bill, commissioning of the equipment, where applicable, whichever is later/latest subject to conditions mentioned in point no.

2.12 under bid document. If the payment is not made by the Institute within this stipulated date, the vendor may claim compensation at rates fixed by the Institute.

2.12 **Payment Terms:**

- (i) The payment will be made on delivery and testing and proper verification of equipments, 100% payment will be made. If required, NIT can open LC for procurement of the materials against foreign exchange. In such case order can be placed on principal abroad. Custom duty @ 5.15% will be charged extra rate on date of tender opening will be considered for price comparison.
- (iii) A pre-receipted bill shall be submitted in duplicate in the name of NIT, Rourkela at the location mentioned in the purchase order. It shall be done soon after the delivery and installation of the items along with a copy of the duly received delivery challan and original excise duty gate pass, if any.
- (iv) Packing list must be put in all packets during time of delivery.

2.13 The bid document/ resultant contract will be interpreted under Indian Laws.

2.14 **Effect and validity of offer:**

- (a) The submission of any offer connected with these specifications and documents shall constitute an agreement that the firm shall have no cause of action or claim, against the Institute for rejection of their offer. The Institute reserves the right to reject or accept any offer or offers at its sole discretion and any such action will not be called in to question and the firm shall have no claim in that regard against the Institute.
- (b) The offer shall be kept valid for acceptance for a minimum period of 180 days from the date fixed for opening of tenders.
- (c) The rates quoted by the bidder shall be fixed up to the validity period. Any hidden charges which are revealed any time during the validity period or during installation and implementation of requirement mentioned in *Annexure-A* incorporation with existing system will completely bourn by the vender.
- (d) The offer shall be deemed to be under consideration immediately after they are opened and until such time the official intimation of a ward of contract is made by the Institute to the firm. While the offer is under consideration, if necessary, the Institute may obtain clarification on the offers by requesting for such information from any or all the firms by either in writing or through personal contacts as may be considered necessary. Firm shall not be permitted to change the substance of their offer after the tender has been opened.
- (e) All the terms and conditions for the supply, testing and acceptance, payment terms, penalty etc. shall be as those mentioned herein and no change in the terms and conditions will be acceptable. In case of alterations, if any, in the tender bid shall be attested properly by the firm, failing which the tender is liable to be rejected.
- (f) The Institute shall not be responsible for any delay in submission of the tender bids. The offers submitted by fax or email with unsigned tenders would not be considered as a valid offer and not considered. No further correspondence will be entertained on this matter.
- (g) In the event, the vendor's company or concerned division of the company is taken over / merged in to another company, all the obligations under the agreement with the Institute shall be passed on to the new company / division for compliance by the new company on the negotiations.

- (h) If the name of the product is changed for describing substantially the same product in a renamed form, then all techno-financial benefits agreed, with respect to the original product shall be passed on to the Institute and the obligations of the vendor towards the Institute in respect to the product with old name shall be passed on to the product so renamed.
 - (i) The Registration Nos./ PAN No. of the firm allotted by the Sales Tax/ Service Tax/ Income Tax authorities, shall invariably be given along with relevant documents.
 - (j) In case the Institute sees that the market rates have come down from the time when rates were finalized in the rate contract/order or there is a need for selection of new system configuration based on market trends, the Institute, may ask the technically short listed vendors to requote the prices and the vendor shall be selected on the basis of procedure given earlier.
 - (k) The Institute reserves the right to award the contract to any of the bidders irrespective of not being lowest, taking in to consideration of the interest of the Institute and in this respect, the decision of the Institute shall be final.
- 2.15 **Acceptance of tender:** The tender shall be processed as per standard procedures. The Institute, however, reserves the right to reject any tender without disclosing any reason. The Institute would not be under obligation to give any clarifications to those vendors whose tenders have been rejected, unless otherwise decided or covered under the provision of the Right to Information Act, 2005.
- 2.16 **Right to modify the requirement:** The categories of items and quantity will be as per requirements. NIT, Rourkela reserves the right to increase or decrease the quantity or delete some or all of the items depending on the needs of the Institute without assigning any reasons.
- 2.17 **Arbitration:** In the event of any question, dispute or difference arising under these conditions, Instructions' or in connection with this contract the same shall be referred to the arbitration of a sole arbitrator, to be appointed by Director, NIT, Rourkela or his nominee. The award of the arbitrator shall be final and binding on the parties to this contract. The arbitration shall be held at the NIT, Rourkela. The proceedings of arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 or any statutory amendments there to, and both the parties to this contract shall bear the cost of arbitration equally. If differences persist even after arbitration and there are compelling reasons to go to the court, it will be decided in the court of Rourkela only.
- 2.18 **Right to award the contract:** The Institute reserves the right to award the contract to any of the bidders irrespective of not being lowest or to change any of the terms taking in to consideration of interest of the Institute and in this respect, the decision of the Institute shall be final.

Prof. A.K. Turuk
Head, Computer Centre NIT,
Rourkela

General Clauses:

- Product of following manufacturer is acceptable. All products quoted should be from a single manufacturer LEGRAND / HUBBELL/ SYSTIMAX(COMMSCOPE).
- Firms should quote products that are not expected to go into end of sale in next 3 years.

List of Passive Network Equipment

Sl. No.	Material List	Unit	Qty. required
1.	12 core SM F O Cable with Loose tube Outdoor armoured Corrugated Steel Tape direct burial rodent free UV Stabilized Polyethylene MDPE Sheath Single mode Optical Fiber cable to support 10Gbps speed (Wavelength 9/125 μm)	Mtrs.	6,000
2.	12 port fiber patch panel (Fiber Distribution Box) loaded with adapter plates (suitable for cable above)	Nos.	20
3.	1.5m SC style SM FO pigtail (for cable at sl no-1)	Nos.	300
4.	SC-LC SM Duplex FO Patch Cord (1 Mtr.) (for cable at sl no-1)	Nos.	50
5.	SC-SC SM Duplex FO Patch Cord (1 Mtr.) (for cable at sl no-1)	Nos.	100
6.	FOC joint enclosure	Nos.	15
7.	UTP Cat6 U/UTP Cable 4pair 23AWG 100 OHMS PVC support 250Mhz 1GB ROHS complied with flame retardant effect	Mtrs.	44,225
8.	UTP Cat6A U/UTP Cable 24 AWG F/UTP 100 ohms LSZH 500 MHz (details to be mentioned here)	Mtrs	1,200
9.	I/O Port for Cat 6 RJ45 Information Outlet with built in integrated crimping management system for well -controlled Terminations with hands free tool less to take AWG 22 single core cables upto AWG 26	Nos.	3000
10.	Face Plate	Nos.	2500
11.	Back Box	Nos.	1800
12.	Cat6 24 Port Jack Panel loaded with 4nos of 6port I/O block and should be compatible of Cat5e, Cat6, Cat6A and 6port	Nos.	140
13.	1mtr Cat6 patch cord	Nos.	4000
14.	Wire Manager	Nos.	30
