

# UNIVERSITY OF KALYANI



CENTRE FOR INFORMATION RESOURCE MANAGEMENT(CIRM)

## NOTICE INVITING E-TENDER

**NIT ID showing at <http://wbttenders.gov.in>: 2026\_UOK\_1035022\_1**

**Tender Ref. No.: KU/NIET/OFC/2026-27/01**

**Dated: 29/07/2026**

Online E-Tender is invited for the **OFC Cable Laying Using Open Trenching Method in the campus, University of Kalyani** by the eligible venders. Interested venders may follow the instructions as given below for submission of their tenders under online mode:

**A. Specification of 24 Core Armored SM Fiber Optic Cable:  
(Appx.)**

**Qty: 4000 Mtr.**

| Specifications                            | Requirement                                                                                                                                                                                                                                                 | Compliance | Remarks, if any |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|
| Cable Type                                | 24 fiber Single Mode, Armoured, Gel filled cable complying to ISO.IEC 11801 - 2nd Edition, type OS2; AS/ACIF S008; AS/NZS 3080, ITU-T REC G 652D, IEC 60793/60794, TIA 568, EIA 455; suitable for use in direct burial, outdoor ducts and backbone cabling. |            |                 |
| Armoured                                  | Corrugated Steel Tape Armoured - Thickness > 0.125mm                                                                                                                                                                                                        |            |                 |
| Water Blocking                            | Thixotropic Gel (Tube), Petroleum Jelly (Interstices)                                                                                                                                                                                                       |            |                 |
| Attenuation                               | ,@ 1310nm <=0.35 db/Km MAX<br>,@ 1550nm <=0.22 db/Km MAX                                                                                                                                                                                                    |            |                 |
| Numerical Aperture                        | 0.14                                                                                                                                                                                                                                                        |            |                 |
| Attenuation Discontinuity                 | Both Windows <0.10dB                                                                                                                                                                                                                                        |            |                 |
| Core/Mode-Field (um)                      | 9                                                                                                                                                                                                                                                           |            |                 |
| Clad Diameter (um)                        | 125 + - 1                                                                                                                                                                                                                                                   |            |                 |
| Coat Diameter                             | 245 + - 10                                                                                                                                                                                                                                                  |            |                 |
| Loose tube material                       | Single PBTP Loose tube filled with water blocking Thixotropic gel                                                                                                                                                                                           |            |                 |
| Jacket material                           | UV Stabilised Polyethylene (HDPE)                                                                                                                                                                                                                           |            |                 |
| Peripheral Strength Member                | Two Steel wires / E-yarns                                                                                                                                                                                                                                   |            |                 |
| Tensile Strength                          | 1000N                                                                                                                                                                                                                                                       |            |                 |
| Crush Resistance                          | 2000N/10 cm                                                                                                                                                                                                                                                 |            |                 |
| Cable Diameter                            | 9mm                                                                                                                                                                                                                                                         |            |                 |
| Max. Bending Radius (during installation) | 20 X Overall diameter                                                                                                                                                                                                                                       |            |                 |
| Max. Bending Radius (during full load)    | 10 X Overall diameter                                                                                                                                                                                                                                       |            |                 |
| Cable weight Kg/Km                        | 80 kg/km                                                                                                                                                                                                                                                    |            |                 |
| Operating Temperature                     | .-10 Degree C to +70 Degree C                                                                                                                                                                                                                               |            |                 |

**B. Specification of 6 Core Armoured SM Fiber Optic Cable:  
(Appx.)**

**Qty: 1000 Mtr.**

| Required Specification | Compliance (Yes/No) | Remarks, if any |
|------------------------|---------------------|-----------------|
|------------------------|---------------------|-----------------|

|                |                                                                                                                                                                                                                                                           |  |  |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Cable Type     | 6 fiber Single Mode, Armoured, Gel filled cable complying to ISO.IEC 11801 - 2nd Edition, type OS2; AS/ACIF S008; AS/NZS 3080,ITU-T REC G 652D, IEC 60793/60794, TIA 568, EIA 455; suitable for use in direct burial, outdoor ducts and backbone cabling. |  |  |
| Armoured       | Corrugated Steel Tape Armoured - Thickness > 0.125mm                                                                                                                                                                                                      |  |  |
| Water Blocking | Thixotropic Gel (Tube), Petroleum Jelly (Interstices)                                                                                                                                                                                                     |  |  |

|                                           |                                                                   |  |  |
|-------------------------------------------|-------------------------------------------------------------------|--|--|
| Attenuation                               | ,@ 1310nm <=0.35 db/Km MAX,@ 1550nm <=0.22 db/Km MAX              |  |  |
| Numerical Aperture                        | 0.14                                                              |  |  |
| Attenuation Discontinuity                 | Both Windows <0.10dB                                              |  |  |
| Core/Mode-Field (um)                      | 9                                                                 |  |  |
| Clad Diameter (um)                        | 125 + - 1                                                         |  |  |
| Coat Diameter                             | 245 + - 10                                                        |  |  |
| Loose tube material                       | Single PBTP Loose tube filled with water blocking Thixotropic gel |  |  |
| Jacket material                           | UV Stabilised Polyethylene (HDPE)                                 |  |  |
| Peripheral Strength Member                | Two Steel wires / E-yarns                                         |  |  |
| Tensile Strength                          | 1000N                                                             |  |  |
| Crush Resistance                          | 2000N/10 cm                                                       |  |  |
| Cable Diameter                            | 9mm                                                               |  |  |
| Max. Bending Radius (during installation) | 20 X Overall diameter                                             |  |  |
| Max. Bending Radius (during full load)    | 10 X Overall diameter                                             |  |  |
| Cable weight Kg/Km                        | 80 kg/km                                                          |  |  |
| Operating Temperature                     | .-10 Degree C to +70 Degree C                                     |  |  |

### C. Specification of OFC LIU 6 Port:

Qty: 11 Nos.

| Required Specification  |                                                                                                                                                                                                 | Compliance (Yes/No) | Remarks, if any |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| Fiber optic patch Panel | The 1U Multi-Function Fiber Enclosure is a configurable rack mount unit for storing and terminating incoming fiber cable.                                                                       |                     |                 |
|                         | The fiber enclosure has been designed to accommodate various termination types and adapter configurations. Accommodates up to 4 Modlink Cassettes or up to 4 nos of 6 or 12-Pak adapter plates. |                     |                 |
|                         | The enclosure must, have a sliding drawer for ease of reconfiguring fibers, incorporates a heavy-duty ball bearing slide mechanism, allowing easy access to fibers                              |                     |                 |
|                         | The adapter plates must be an interchangeable front plate which can facilitates upgrades as & when required                                                                                     |                     |                 |
|                         | Copper grounding stud tie down points at each cable entrance point.                                                                                                                             |                     |                 |
|                         | The enclosure must have front cable management to properly route patch cords.                                                                                                                   |                     |                 |
|                         | Fibre management enclosures that can be used as rack mount enclosure for integrated applications.                                                                                               |                     |                 |
| Material                | Powder coated Mild Steel                                                                                                                                                                        |                     |                 |
|                         | Rugged steel construction in graphite finish                                                                                                                                                    |                     |                 |
|                         | Rear, side & base access for Incoming / Outgoing fiber cables                                                                                                                                   |                     |                 |
| Cable Management rings  | Management rings within the system to accommodate excess fiber cordage behind the through adapters and maintain fiber bend radius.                                                              |                     |                 |

|                              |                                                                                                                                                                                          |  |  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Sliding cover                | Panel cover is of slide out for easy maintenance. Incorporates heavy-duty ball bearing slides for smooth and limited extension of the drawer unit, allowing for patch cable access while |  |  |
|                              | protecting installed patch and trunk cables from damage during re-entry of the enclosure                                                                                                 |  |  |
| Optical Fiber Adapter Plates | SC Adapter SM Plate - loaded with 6 Nos SC Adapter                                                                                                                                       |  |  |
| Pigtails                     | SC, Single mode, 9/125 $\mu\text{m}$ - 1.5 mtrs ( 6 Nos)                                                                                                                                 |  |  |
| Splice Tray                  | 6 Port Splice Tray - 1 No                                                                                                                                                                |  |  |

#### D. Specification of OFC LIU 24 Port:

Qty: 02 Nos.

| Fiber Optic LIU 24 Port loaded with SC Adapter, Splice Tray, SC Pigtail and Splice Protector |                                                                                                                                                                                                                                                                                   |                     |                 |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| Required Specification                                                                       |                                                                                                                                                                                                                                                                                   | Compliance (Yes/No) | Remarks, if any |
| Fiber optic patch Panel                                                                      | The 1U Multi-Function Fiber Enclosure is a configurable rack mount unit for storing and terminating incoming fiber cable.                                                                                                                                                         |                     |                 |
|                                                                                              | The fiber enclosure has been designed to accommodate various termination types and adapter configurations. Accommodates up to 4 Modlink Cassettes or up to 4 nos of 6 or 12-Pak adapter plates.                                                                                   |                     |                 |
|                                                                                              | The enclosure must, have a sliding drawer for ease of reconfiguring fibers, incorporates a heavy-duty ball bearing slide mechanism, allowing easy access to fibers                                                                                                                |                     |                 |
|                                                                                              | The adapter plates must be an interchangeable front plate which can facilitates upgrades as & when required                                                                                                                                                                       |                     |                 |
|                                                                                              | Copper grounding stud tie down points at each cable entrance point.                                                                                                                                                                                                               |                     |                 |
|                                                                                              | The enclosure must have front cable management to properly route patch cords.                                                                                                                                                                                                     |                     |                 |
|                                                                                              | Fiber management enclosures that can be used as rack mount enclosure for integrated applications.                                                                                                                                                                                 |                     |                 |
| Material                                                                                     | Powder coated Mild Steel                                                                                                                                                                                                                                                          |                     |                 |
|                                                                                              | Rugged steel construction in graphite finish                                                                                                                                                                                                                                      |                     |                 |
|                                                                                              | Rear, side & base access for Incoming / Outgoing fiber cables                                                                                                                                                                                                                     |                     |                 |
| Cable Management rings                                                                       | Management rings within the system to accommodate excess fiber cordage behind the through adapters and maintain fiber bend radius.                                                                                                                                                |                     |                 |
| Sliding cover                                                                                | Panel cover is of slide out for easy maintenance. Incorporates heavy-duty ball bearing slides for smooth and limited extension of the drawer unit, allowing for patch cable access while protecting installed patch and trunk cables from damage during re-entry of the enclosure |                     |                 |
| Optical Fiber Adapter Plates                                                                 | SC Adapter SM Plate - loaded with 24 Nos SC Adapter                                                                                                                                                                                                                               |                     |                 |
| Pigtails                                                                                     | SC, Single mode, 9/125 $\mu\text{m}$ - 1.5 mtrs ( 24 Nos)                                                                                                                                                                                                                         |                     |                 |
| Splice Tray                                                                                  | 12 Port Splice Tary - 2 Nos                                                                                                                                                                                                                                                       |                     |                 |

#### E. Specification of OFC Joint Enclosure Box:

Qty: 11 Nos.

| Fiber Optic Splice Enclosure, water Outdoor Fiber Connection Box with High Strength, IP68 Grade for Underground , Pipeline, Direct Burial |                     |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| Required Specification                                                                                                                    | Compliance (Yes/No) | Remarks, if any |

|                         |                                                                                                                                    |  |  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Unmatched Durability    | Engineered with reinforced plastic to withstand extreme heat, cold, UV exposure, and oxygen aging—built to last in any environment |  |  |
| Massive Capacity        | Supports 12 to 96 cores with four-layer storage discs for organized, scalable fiber management—future-proof your network.          |  |  |
| Impact Flame Resistance | Built to resist vibration, impact, cable stretching, twisting, and flame—reliable performance where it matters most                |  |  |
| Versatile Installation  | Perfectly designed for underground, direct burial, and branch connections—adaptable to all your fiber optic needs.                 |  |  |
| Waterproofing           | IP68-rated enclosure ensures complete protection against water, dust, and harsh outdoor conditions of Armored OFC                  |  |  |

#### F. Specification of 12U Network Rack:

Qty: 08 Nos.

| 12U Network Rack       |                                                                                                                                                                                            |                     |                 |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| Required Specification |                                                                                                                                                                                            | Compliance (Yes/No) | Remarks, if any |
|                        | DIN 41494 or Equivalent EIA /ISO / EN / CEA Standard 12U/ 600mmW X 500mmD X 584mmH Loaded Rack CKD (2XFAN 230VAC 90 cfm +1XPDU 6sockets + 1XCable Manager 1U+ 1XHardware) , Material Steel |                     |                 |

#### G. Specification of 9U Network Rack:

Qty: 04 Nos.

| 9U Network Rack        |                                                                                                                                                                                                                                      |                     |                 |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| Required Specification |                                                                                                                                                                                                                                      | Compliance (Yes/No) | Remarks, if any |
|                        | DIN 41494 or Equivalent EIA /ISO / EN / CEA Standard 9U/ 600mmW X 500mmD X 462mmH Network Rack Double Section Wall Mount Loaded Rack CKD (2 X FAN 230VAC 90 cfm +1 X PDU 6sockets + 1XCable Manager 1U+ 1XHardware) , Material Steel |                     |                 |

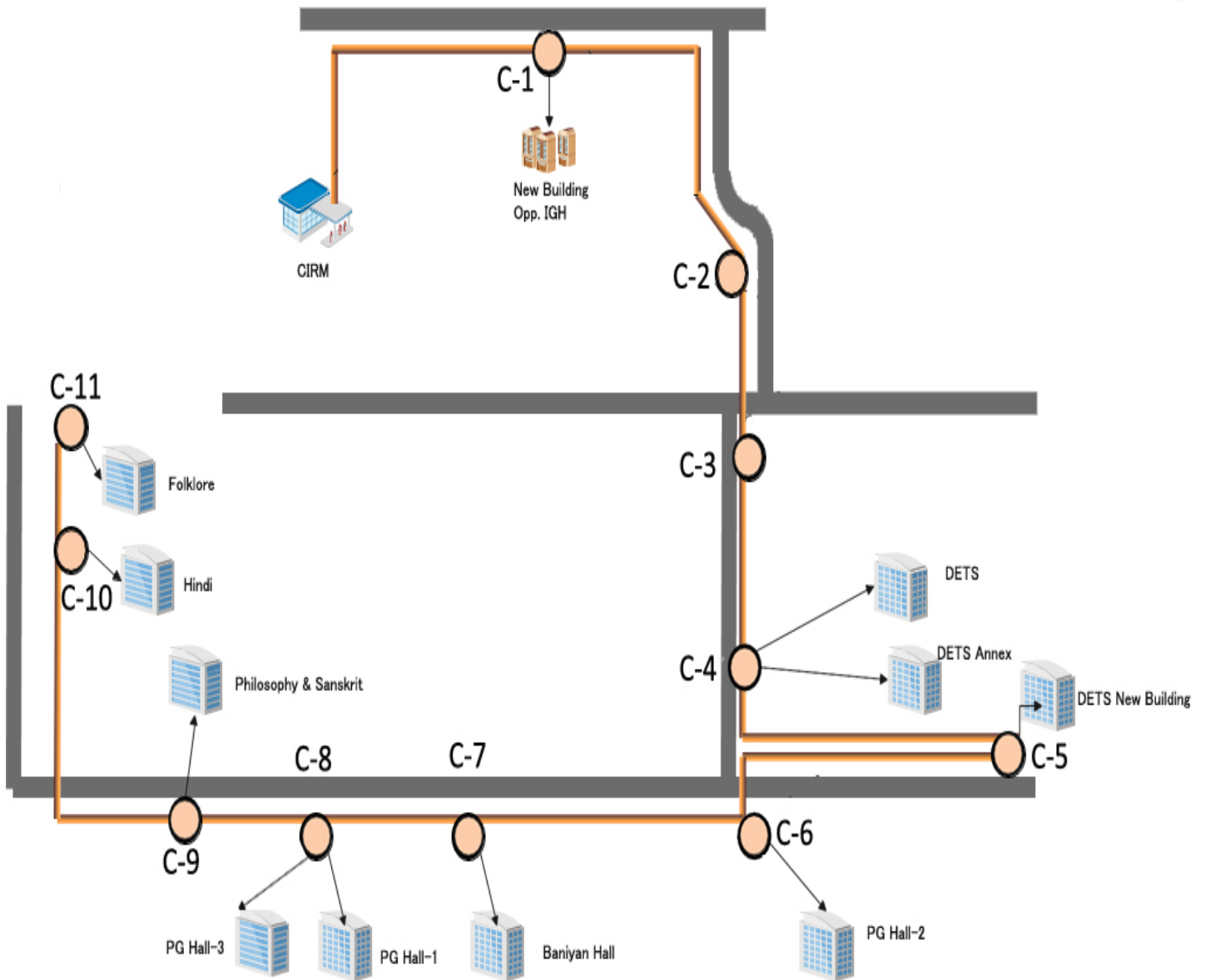
#### H. Specification of OFC Cable Laying Using Open Trenching Method

| Fiber Optic Cable laying Micro-tunneling through 42mm HDPE Pipe with cable chamber |                                                                                                                                                                                                                                                                                                                            |                     |                 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| Required Specification                                                             |                                                                                                                                                                                                                                                                                                                            | Compliance (Yes/No) | Remarks, if any |
| Methodology                                                                        | OFC cable laying shall be carried out using open trenching. The method shall ensure minimal disturbance to existing roads, buildings, pavements, landscaping, and underground utilities. laying of HDPE duct pipe, installation of Optical Fiber Cable (OFC), backfilling, reinstatement of the surface, and route marking |                     |                 |
| Survey and Route Alignment                                                         | <ul style="list-style-type: none"> <li>Detailed route survey shall be conducted prior to execution.</li> <li>Existing underground utilities (water, sewer, electrical, gas, and telecom) shall be identified using utility drawings and/or utility detection tools.</li> </ul>                                             |                     |                 |
| Trench Dimensions (Depth)                                                          | <ul style="list-style-type: none"> <li>Soil : 1.50 m</li> <li>Campus/Internal Road Crossing: 1.50 m</li> </ul>                                                                                                                                                                                                             |                     |                 |
| Excavation                                                                         | <ul style="list-style-type: none"> <li>Trenching shall be carried out manually or mechanically.</li> <li>The trench bottom shall be level and free from</li> </ul>                                                                                                                                                         |                     |                 |

|                                     |                                                                                                                                                                                                                                                                                                                                                              |  |  |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                     | <p>sharp stones.</p> <ul style="list-style-type: none"> <li>Excess excavated soil shall be kept at least 300 mm away from the trench edge.</li> <li>Proper barricading, warning signs, and safety measures shall be provided during excavation.</li> </ul>                                                                                                   |  |  |
| Protective Cover                    | Burnt brick tiles, RCC cover, or HDPE warning/protection tiles shall be laid above the sand layer. A warning tape shall be placed approximately 300 mm above the duct.                                                                                                                                                                                       |  |  |
| Backfilling                         | <ul style="list-style-type: none"> <li>Backfill with excavated soil free from stones and debris.</li> <li>Soil shall be compacted in layers of approximately 150 mm.</li> </ul>                                                                                                                                                                              |  |  |
| Road Crossing                       | <ul style="list-style-type: none"> <li>Road crossings shall preferably be carried out using Horizontal Directional Drilling (HDD).</li> <li>If open cutting is permitted, GI pipe or HDPE pipe of suitable diameter shall be used as protective casing.</li> </ul>                                                                                           |  |  |
| Jointing Chamber                    | Construct where required. Typical Size: 600 mm × 600 mm × 750 mm and provide: RCC Cover & Splice Closure                                                                                                                                                                                                                                                     |  |  |
| Route Markers                       | <p>RCC or concrete route markers shall be installed:</p> <ul style="list-style-type: none"> <li>At every 100–200 m interval.</li> <li>At all bends.</li> <li>At road crossings.</li> <li>At joint locations.</li> </ul> <p>Marker details should include:</p> <ul style="list-style-type: none"> <li>Name</li> <li>Route Number</li> <li>Distance</li> </ul> |  |  |
| Surface Restoration                 | <ul style="list-style-type: none"> <li>Restore roads, footpaths, pavements, and landscaped areas to their original condition.</li> <li>Any damaged utilities shall be repaired by the vendor at no additional cost.</li> </ul>                                                                                                                               |  |  |
| Duct Specification and Installation | <ul style="list-style-type: none"> <li>Ducts shall be HDPE pipes ISI Mark of 40 mm diameter.</li> <li>Duct joints shall be watertight and mechanically sound.</li> <li>Ducts shall be laid continuously without kinks or sharp bends.</li> </ul>                                                                                                             |  |  |
| Optical Fiber Cable Installation    | <ul style="list-style-type: none"> <li>OFC shall be installed by pulling or blowing method using manual or suitable equipment.</li> <li>Cable pulling tension and bending radius shall strictly conform to OEM recommendations.</li> <li>Cable shall be protected against abrasion and mechanical damage during installation.</li> </ul>                     |  |  |
| Jointing and Splicing               | <ul style="list-style-type: none"> <li>OFC jointing and splicing shall be carried out by trained and certified technicians.</li> </ul>                                                                                                                                                                                                                       |  |  |

|                        |                                                                                                                                                                                                                                                                                                                                           |  |  |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                        | <ul style="list-style-type: none"> <li>• Joint enclosures shall be of approved type and suitably protected.</li> <li>• Splicing loss shall be within acceptable limits as per TEC/ITU-T standards.</li> </ul>                                                                                                                             |  |  |
| Testing and Acceptance | <ul style="list-style-type: none"> <li>• OFC testing shall be carried out using OTDR, Power Meter, and Visual Fault Locator.</li> <li>• Test reports showing attenuation, splice loss, and link length shall be submitted with OFC details layout.</li> <li>• The work shall be accepted only after satisfactory test results.</li> </ul> |  |  |
| Safety and Standards   | <ul style="list-style-type: none"> <li>• All works shall comply with applicable safety norms and statutory regulations.</li> <li>• Materials and workmanship shall conform to TEC / ITU-T / ISO standards and departmental specifications.</li> </ul>                                                                                     |  |  |
| Warranty               | The vendor shall provide a minimum warranty/defect liability period of one year from the date of successful commissioning. Any defects arising during this period shall be rectified at no additional cost to the purchaser.                                                                                                              |  |  |

## Proposed Diagram



### Dates & Information:

| Sl.No. | Activities                                                                                                                              | Date & Time                                      |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 1      | Date of uploading of N.I.T. Documents in the e-tender portal of NIC : <a href="https://wbttenders.gov.in">https://wbttenders.gov.in</a> | 29 <sup>th</sup> July, 2026                      |
| 2      | Documents download (online)                                                                                                             | 29 <sup>th</sup> July, 2026 (from 17.00 p.m.)    |
| 3      | Bid Submission Start Date(on line)                                                                                                      | 29 <sup>th</sup> July, 2026 (from 17.00 p.m.)    |
| 4      | Bid Submission Closing Date (Online)                                                                                                    | 15 <sup>th</sup> August, 2026 (up to 14.00 p.m.) |

|   |                                                                   |                                                 |
|---|-------------------------------------------------------------------|-------------------------------------------------|
| 5 | Bid Opening Date (Online) – Technical Bid                         | 17 <sup>th</sup> August, 2026 (from 14.00 p.m.) |
| 6 | Date of uploading list for technically qualified bidder (online)  | To be notified                                  |
| 7 | Date of opening of Financial Bid                                  | To be notified                                  |
| 8 | Date of uploading of list of bidders along with the approved Rate | To be notified                                  |

**1. General Instructions:**

In the event of e-tendering, intending bidder may download the tender documents from the website: <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate (DSC) or from the University of Kalyani's website [www.klyuniv.ac.in](http://www.klyuniv.ac.in).

**2. Submission of bids:**

Both Technical bid and Financial Bid are to be submitted concurrently duly digitally signed by the Company personnel who is in the pay roll of the Company (having Authorization from the Company management) in the website <http://wbtenders.gov.in>. All papers must be submitted in English language.

**3. Time Schedules for the e-tender:**

The Time Schedule for obtaining the Bid Documents, Pre Bid meetings, the submission of bids and other documents etc. will be as per information provided in the tender.

**4. Eligibility for Quoting:**

Manufacturers or Dealers/Distributors/Agents duly authorised by the manufacturers who are able to supply the assured quantities as per requirement & have requisite qualification for meeting the requirements as per this tender are only eligible for quoting.

Further, vendors who were declared black listed and/or insolvent by any Govt. Concern/any Institutions in the Country for particular item or items are not eligible to participate in the current tender for that item or items.

**5. Annual Turnover Requirements:**

**Bidder should have at least an average annual Turn Over for last three financial years of Rs.20 Lakh in India for the year 2022-23, 2023-24 and 2024-25.**

**6. Submission of Tenders**

**6.1 General process of submission**

Tenders are to be submitted online through the website stated in Clause 1. All the documents uploaded by the Tender Inviting Authority form an integral part of the contract. Tenderers are required to upload all the tender documents along with the other documents, as asked for in the tender, through the above website within the stipulated date and time as given in the Tender. Tenders are to be submitted in two folders at a time, one is Technical Bid and the other is Financial Bid. The tenderer shall carefully go through the documents and prepare the required documents and upload the scanned documents of originals in Portable Document Format (PDF) to the portal in the designated locations/folders of Technical Bid. He needs to fill up the BOQ in the designated cell and upload the same in designated location of Financial Bid. The documents uploaded are virus scanned and digitally signed using the Digital Signature Certificate (DSC). Tenderers should specially take note of all the addendum/corrigendum related to the tender till the bid submission ends. Tenderers should in general upload the latest documents as part of the tender, however, in case of failure in uploading such documents, it will be deemed that they (tenderers) have taken note of such

latest documents including addendum/corrigendum, if published till the bid submission ends.

## 6.2 Technical Bid

The Technical Bid should contain scanned copies and/or declarations in the following standardised formats in two covers (folders):

### I. Technical File (Statutory Cover) containing:

#### 1. Annexure –

- a) Basic Information (Vide Annexure I) *(to be submitted in “Annexure” folder)*
  - b) Application for Tender - (Vide Annexure II) *(to be submitted in “Annexure” folder)*
  - c) Authorization letter - (Vide Annexure III) *(to be submitted in “Annexure” folder)*
  - d) Affidavit Proforma - (Vide Annexure IV) *(to be submitted in “Annexure” folder)*
  - e) DECLARATION ON NIT - (Vide Annexure V) *(to be submitted in “Annexure” folder)*
  - f) COMPLIANCE SHEET FORMAT - (Vide Annexure VI) *(to be submitted in “Annexure” folder)*
2. Technical details of the Items Quoted (Bidders must submit Technical specification along with Catalogue of the item quoted in “**Technical Details**” Folders.
  3. Audited Annual Accounts for last three years **2022-23, 2023-24 and 2024-25** or during the period since formation of the Firm, if it was set up in less than such 3-year period. **(to be submitted in “Accounts” folder)**

### II. My Document (Non-Statutory Cover) containing as follows:

| Sl.No. | Category              | Sub-Category          | Sub-Category Description                                                                                                                                                                                                 |
|--------|-----------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Certificates          | Certificates          | PAN Card of the Bidder                                                                                                                                                                                                   |
|        |                       |                       | GST Registration Certificate                                                                                                                                                                                             |
|        |                       |                       | Enrolment Certificate issued by Profession Tax Authority                                                                                                                                                                 |
|        |                       |                       | ISO Certificate                                                                                                                                                                                                          |
| 2      | Company Details       | Company Details 1     | Trade Licence/Enlistment Certificate                                                                                                                                                                                     |
|        |                       |                       | Registration with Registrar of Companies                                                                                                                                                                                 |
|        |                       |                       | Memorandum of Articles for Limited Companies.                                                                                                                                                                            |
| 3      | Credential            | Credential 1          | a) Copy of the purchase order for supplying Similar nature of items at least for last 3 years <b>2022-23, 2023-24 and 2024-25</b> Brief User List preferably for users in West Bengal in an Institute of Higher Learning |
| 4      | Financial Information | Payment Certificate 1 | Income Tax Returns submitted for the Assessment year <b>2023-24</b>                                                                                                                                                      |
|        |                       |                       | Income Tax Returns submitted for the Assessment year <b>2024-25</b>                                                                                                                                                      |

|  |  |  |                                                              |
|--|--|--|--------------------------------------------------------------|
|  |  |  | Income Tax Returns submitted for the Assessment year 2025-26 |
|  |  |  | GST Return for January 2025, February 2025 and March 2025    |

**NOTE:**

1. If the company was set up less than three years ago, audited balance sheet for the no. of years since inception may be submitted)
2. Addenda/Corrigenda: if published, Contractors are to keep track of all the Addendum/Corrigendum issued with a particular NIT till the bid submission ends and in general upload the downloaded copies of the above documents and merge the Addenda/Corrigenda with respective NIT in the NIT folder. , however, in case of failure in uploading such documents, it will be deemed that they (tenderers) have taken note of such latest documents including addendum/corrigendum, if published till the bid submission ends, overriding any other terms/conditions if mentioned anywhere else in the concerned NIT.
3. Bidder must submit their documents through the appropriate folders as stated above. Submission of document not through proper folder(s) may be considered as non-submission. If University fails to identify the document because of such wrong submission or due to submission of documents not readable visibly or for any technical issue like not opening the files etc., it would be deemed that the bidder did not submit that particular document(s).
4. Others: Any other documents found necessary

### 6.3 Financial Bid

The Financial Bid should contain the following document in one cover (folder):

**Bill of Quantities (BOQ): The tenderer should fill-up the designated cell as marked by the University in the BOQ sheet.**

7. The tenderers are not required to submit hard copies of Technical File (Statutory) or My documents (Non-Statutory). Submission of hard copy of Financial Bid is strictly prohibited and only be submitted through on line through NIC portal.

### 8. Evaluation of the tenders

During the tender evaluation process, the “Technical Bid” will be opened first. Those Bidders who have qualified in respect of the essential & other requirements in “Technical Bid” will be identified and their financial bid will be opened. The financial bid of those Tenderer failing to meet the technical & other requirements laid down in the tender will not be opened and be rejected. The Tenderer offering the item found suitable and as per the tender specifications will only be selected. **Final selection of the bidder in respect of Financial Bid is subject to further verification of several parameters allied with Financial Bid Evaluation.** The Financial Bids of only those tenderers who have been considered as Technic/ally Qualified will be opened.

9. Bidder must have adequate infrastructure to resolve any kind of LAN related problems.

### 10. TERMS & CONDITIONS REGARDING PURCHASE POLICY OF TENDERING AUTHORITY:

#### 10.1 Bid Information:

- a) **Bidder must quote in INR in the BOQ Sheet.**
- b) The rate quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- c) **Bidder must follow the instruction for filling up BOQ as per Clause 6.3.**

**d) Bidder must quote for all the items. Partial Quotation/Incomplete Quotation both for Technical and Commercial aspects may subject to cancellation of tender. However, University Authority is the sole authority to assess the Partial Quotation/Incomplete Quotation based on the tender evaluation status.**

**10.2 Evaluation of Quotation:** The Purchaser will evaluate and compare the quotations determined to be substantially responsive stage wise. Firstly, Technical Bid will be evaluated and thereafter Price Bid for technically qualified bidders will be evaluated for selection of vendor.

**10.3 Award of Contract:** The purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive both technically and commercially for both the equipments. Purchaser reserves the right to reject any or all the tender, wholly or partly, without assigning any reason thereof and shall not be bound to accept the lowest bid.

**10.4** University enjoys the discretion to select vendor either in full or in part (item wise) for the betterment for pursuing of tender objectives.

**10.5 Warranty:** The equipment's covered under the purchase order, when installed, shall be warranted for the quality, workmanship, trouble free operation and performance for a period of at least one year or as per OEM, whichever is more from the date of putting the system into operation at the Composite Building, University of Kalyani. Warranty certificate of quoted product must be given in OEM letterhead from regional office.

**10.6 Adequate support service facility:** The bidder/manufacture should have adequate service and accessories support center in Kolkata/Kalyani or around 80 KM distance from University premises for any emergency breakdown/fault offering facility within 48 hours and should be agreeable to provide AMC facility after the warranty period.

**10.7 Bidder must provide Technical Compliance Sheet as per the Tender Specification. Any non-compliance will lead to rejection of tender.**

**10.8 Manufacturer's Authorisation:** Document in support of Manufacturer/Dealer and Service Provider has to be submitted along with the tender paper. If the bidder is not the manufacturer, proper manufacturer's authorization and warranty from manufacturer is required and in this case bidder should have full-fledged registered office in India.

**10.9** Bidder should submit copy of updated Trade License, GST, IT and P. Tax Return submission document.

**10.10 Credentials:** Documents of supplying similar items in last 3 years (2022-23, 2023-24 and 2024-25) in an Institute of Higher Learning must be submitted along with the tender. Bidder must submit User List with copy of Purchase Order ensuring sale of similar items at least for five times in last three years in an Institute of Higher Learning.

**10.11** Statutory deduction for GST and other Government taxes will be made as per the law in force

**10.12 Make & Model:** Bidder must mention Make and Model in the Information Sheet as given vide Annexure-I and must send the product details/catalogue/brochure in the "Technical Details" folder along with Technical Compliance Sheet for each item component.

**10.13 Time Schedule:** The supply work must be completed within **30 days** from the date of receipt of the work order.

**10.14 Validity of offer:** A bidder should spell out in the tender that it shall remain valid for a minimum period of three months from the date of opening of the tender and during this period, the bidder shall not have been titled to revoke or cancel its offer.

**10.15 After Sales Service**

(i) The name and complete address of the company in India authorized by the manufacturer, to provide after sales service for the equipment should be mentioned. The appointed authorized service provider should be holding a valid certificate from the manufacturer to this effect.

(ii) The manufacturer should give an undertaking that after the warranty period, they shall provide spares and after sale service of the equipment in India for the normal life time of the equipment.

**10.16** University reserves the discretion to issue work order either in full or phase wise depending upon the requirement and selected vendor will not charge any extra amount for such supply and delivery.

**10.17 Place of Work: CIRM, University of Kalyani, Kalyani -741235.**

**10.18 Payment Schedule:** Payment be made after successful delivery and installation of the items.

**10.19 Performance Security:**

Successful bidder should deposit Performance Security money equivalent to the **10%** of the order value in the form of DD/suitable negotiable instruments as to be decided by the University immediately after issuing purchase order from the University. Such security will be refunded after completion of the warranty period in normal case without any accrued interest. In absence of any such deposit, equivalent sum will be deducted by the University from the Bill amount at the time of releasing payment to the vender. However, University may forfeit the Security Money in the event of the following circumstances:

- i) Selected bidder withdraws the bid before expiry of its validity but after receipt of the Purchase Order.
- ii) Selected bidder does not accept the order after issuing the same or fails to enter into a contract within validity period of offer.
- iii) Selected bidder fails to supply the items within the scheduled time as specified in the Purchase Order
- iv) If before expiry of the warranty period, the supplied items break down or do not function satisfactorily due to the cause related with the item itself or for its installation and not for any reason caused by the University Authority and the supplier denies to take the responsibility to make the supplied items in order.
- v) In case of any false submission/statement by the bidder
- vi) In case of any refusal to abide by terms and conditions or refusal to enter into a written agreement as per prefixed terms and conditions

**10.20 Quantity Changeability:** Quantity as stated in the tender document may

subject to change at the time of issuing purchase order due to the fund crunch or for other valid reasons.

**10.21 Requisite Documents to be submitted:** Bidder must have adequate documents relating to Trade License and updated returns for Income Tax, GST, Audited Statement of Accounts and other documents.

**10.22 Instruction Made with Item Specification:** Bidder must comply the instructions as provided with Item Specification.

**10.23 Disposal of Disputes:** In case of any dispute, the University's decision will be treated as the final and conclusive. All legal actions are subject to Kolkata jurisdiction only.

10.24 Conditional bid may be liable for rejection.

**10.25 OEM must be ISO 9001 and 14001 certified. Copy of Valid Certificate submitted.**

**10.26** The supplied items are preferred to be manufactured in 2024. If the supplied items are older than 1 year, vender must provide 2 years' additional onsite warranty with free of cost over and above OEM onsite warranty. Under no circumstances, items manufactured in 2022 or earlier will be accepted by the University. If it is noticed by the University regarding the manufacture of the supplied items in 2021 or its earlier, University may impose a penalty to the tune of 50% or more from the Bill Amount or take any other decision as to be deemed fit by the University and vender must accept the same as the final decision from the end of the University.

**10.27 Conflict of Interest:** Not more than one tender shall be submitted by one tenderer or tenderers having relationship. Under no circumstances will father and son(s) or other close relations who have business relationship with one another (i.e. when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable for rejection.

**10.28** In case of **Tie Bid** arising after opening of price bid, University will follow the guideline as mentioned in the G.O. No. 2320-F(Y) dated 7/6/2022 issued by the Finance Department, Government of West Bengal.

**10.29 Cost Analysis:** After opening of Financial Bid, Bidder may have to submit Cost Analysis Statement to substantiate the amount quoted in the BOQ.

## **11. Discretion of the University:**

(i) University may take decision about non-purchase of the said item even after selection of vendor due to its fund constraints.

(ii) University may seek documents from the bidder in addition to the scanned documents sent by the mat the time of uploading technical bid for verification and evaluation of tender.

(iii) For any false/unethical/illogical/unreasonable bid, University reserves the right to cancel the bid even after opening of Price Bid.

(iii) University reserves the right to relax any clause as stated herein above for selection of responsive vender.

**(iv) In case of incomplete work on the part of the bidder due to the reason not caused for University administration, bidder should solely be liable for consequences due to delay in completion of the work. Abnormal delay will cause penalty @ 10% on the value of work certified by the University if the work is actually completed. Otherwise, the cost for completion of the work by another vendor will be deducted from the payable amount of the bidder along with penalty charges @ 10% of the value of work certified by the University for the incomplete work will be applicable.**

**12. Opening the financial bid as per schedule will BE NOTIFIED LATER ON.**

Financial bid can be seen & accessed by the bidder through the NIC Portal online after opening of financial bid on line. No objections raised by any Bidder in this respect will be entertained by the University. No informal tender will be entertained in the Bid further.

**13. During the scrutiny, if it comes to the notice to tender inviting authority that the credential or any other paper found incorrect/ manufactured/ fabricated, that bidder would not allowed to participate in the tender and that application will be rejected outright without any prejudice.**

**14. The Tender Selection Committee reserves to right to cancel the N.I.T. due to unavoidable Circumstances and no claim in this respect will be entertained.**

## Annexure I

## FURNISHING BASIC INFORMATION

(To be furnished in the Company's official letter pad)

|    |                                                                                                                                                                                  |                                                                                              |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 1. | Name of the Bidder                                                                                                                                                               |                                                                                              |
| 2  | Address for Communication                                                                                                                                                        |                                                                                              |
| 3  | Contact Number(s)                                                                                                                                                                |                                                                                              |
| 4  | E-mail ID                                                                                                                                                                        |                                                                                              |
| 5  | Trade License No.<br>(Please enclose copy of Trade License)                                                                                                                      |                                                                                              |
| 6  | PAN(Please enclose copy of PAN Card)                                                                                                                                             |                                                                                              |
| 7  | GST No.(Please enclose copy of GST)                                                                                                                                              |                                                                                              |
| 8  | Do you have previous experience for supplying similar nature of Items at Educational Institute of Higher Learning<br>(Please enclose copy of Purchase order & user list, if yes) | Yes/No<br>(Please put tick mark)                                                             |
| 9  | Annual Turnover as per Audited P/L ACCOUNTS & BALANCE SHEET                                                                                                                      | 2022-23: Rs.....<br>2023-24: Rs.....<br>2024-25: Rs.....<br>Average Annual Turnover: Rs..... |
| 10 | Status of the bidder(Please enclose copy authenticating your status)                                                                                                             | Manufacturer/Dealer/Distributor/Selling Agent/Stockiest<br>(Please put tick mark)            |

I hereby declare that the above information is true and correct to the best of my knowledge and belief. In case of any false/wrong/misleading information, I shall be bound to take the decision taken by the University.

Signature of the Bidder  
(With Seal)

**Annexure II**  
**APPLICATION FOR TENDER**

(To be furnished in the Company's official letter pad with full address and contact no, E mail address etc)

To  
The System-in-Charge  
CIRM  
University of Kalyani,  
Kalyani-741235,  
Nadia, West Bengal

**Sub: OFC Cable Laying Using Open Trenching Method in the campus, University of Kalyani.**

**Ref: - Tender Ref. No.: KU/NIET/OFC/2026-27/01**

**Dated: 29/07/2026**

Sir,

Having examined the pre-qualification & other documents published in the N.I.T, I /we hereby submit all the necessary information and relevant documents for evaluation:

1. That the application is made by me / us on behalf of .....in the capacity ..... duly authorized to submit the offer. The authorization letter from the Company is attached in Annexure II.
2. We accept the terms and conditions as laid down in the tender document vide **Clause 9** and declare that we shall abide by it throughout the tender period including its extensions, if any.
3. We have gone through the Tender Document thoroughly and quoted the tendered items keeping in mind all sorts of information as furnished in the tender document including Corrigendum/Addendum as published from time to time
4. We are offering rate for the following item /items with manufacturing capacity and assured supply to the University of Kalyani

| Sl. No. | Description of Items | Make | Model No. | Quantity | Offer Validity | Mode of Transport (AIR/RAILWAY/SHIP/ROAD) | Type of Delivery(CI P Kolkata/FOB Kolkata/Door Delivery) |
|---------|----------------------|------|-----------|----------|----------------|-------------------------------------------|----------------------------------------------------------|
|         |                      |      |           |          |                |                                           |                                                          |
|         |                      |      |           |          |                |                                           |                                                          |
|         |                      |      |           |          |                |                                           |                                                          |
|         |                      |      |           |          |                |                                           |                                                          |
|         |                      |      |           |          |                |                                           |                                                          |

5. In the event of being selected, I will make the supply within the stipulated period excepting the condition which is beyond our control.

Date: -

Signature of applicant including title and capacity in which application is made.

Contact no:

E-mail address:

**Annexure III**

(Authorization letter in favour of the applicant (other than Managing Director/ Proprietor/Partner) from the competent authority.)

**FORMAT**

(To be furnished in the Company's official letter pad with full address and contact no, E mail Address etc)

(TO WHOM IT MAY CONCERN)

This is to certify that Mr. ....(Name),  
Employee of this Organisation as..... (Official Designation) is  
Hereby authorised to submit tender online, Vide NIT No.....,  
Dated ..... on behalf of the Organisation.

Signature of the competent authority with Seal

.....

(Signature of the Authorised Person)

Signature of Mr.....

.....is hereby attested.

Signature of the competent authority with Seal

**ANNEXURE IV**

(Affidavit Proforma)

(To be furnished in Non – Judicial Stamp paper  
of appropriate value duly notarized)

I, Sri/Smt.....

The Managing Director/Proprietor (etc.) of the Firm.  
..... (Name of the firm)

At (address).....

Do hereby solemnly affirm and declare as follows:

1. That I have not ever been convicted of any offence making myself liable to be disqualified to supply of Goods/Services to any Govt. or Govt. Undertaking Organization /Institution in the State of West Bengal or other State or States.
2. That no case is pending against me or against my firm in any criminal court of law to supply of Goods/Services to the Govt. or Govt. Undertaking Organization / Institution in the State of West Bengal or other State or States (If any case is pending, state the details).
3. That, I also declare that if any information subsequently found incorrect or false will it automatically render the tender submitted by me cancelled and make me liable for penal/legal action as per law of the country.
4. That my concern has not yet been declared bankrupt by any banking or money lending agency duly licensed by RBI nor has it been considered doubtful by any Government concern so far as the solvency of the organisation is concerned.
5. That I do further affirm that the statements made by me in this tender are true to the best of my knowledge and belief and all the documents attached are genuine & correct.

Deponent(s).

## ANNEXURE V

### **DECLARATION ON NIT**

*(To be typed in company letter pad, scanned and uploaded)*

I, the undersigned, do hereby declare that in respect of Tender Ref. No. **Tender Ref. No.:**  
**KU/NIET/OFC/2026-27/01** **Dated: 29/07/2026**

- On behalf of my organization, I will comply all the formalities that are required to be complied as per NIT and I will observe all clauses of the NIT (including Terms & conditions).
- I shall comply the formalities on Warranty as laid down in the above Tender after accepting the Work Order for the tendered work.
- In case of any non-observance of any clause(s) of NIT, my organization will be bound to follow the decisions taken by the University of Kalyani for taking decision related with the tender for which the said NIT was uploaded.

---

Full signature of the Person  
(Designation with Seal)

Date:

Place:

[Validate](#)[Print](#)[Help](#)**Item Rate BoQ**

Tender Inviting Authority: CIRM , University of Kalyani

Name of Work: OFC Cable Laying Using Open Trenching Method in the campus, University of Kalyani.

Contract No: KU/NIET/OFC/2026-27/01

| Name of the Bidder/<br>Bidding Firm /                                                                                                                                                                                                                                                           |                                                                                   |          |        |                          |                                             |                                          |                            |                         |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|--------|--------------------------|---------------------------------------------|------------------------------------------|----------------------------|-------------------------|-----------------------|
| <div>PRICE SCHEDULE</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</div> |                                                                                   |          |        |                          |                                             |                                          |                            |                         |                       |
| NUMBER #                                                                                                                                                                                                                                                                                        | TEXT #                                                                            | NUMBER # | TEXT # | NUMBER #                 | NUMBER                                      | NUMBER                                   | NUMBER #                   | NUMBER #                | TEXT #                |
| Sl. No.                                                                                                                                                                                                                                                                                         | Item Description                                                                  | Quantity | Units  | Basic Rate per Unit (Rs) | GST Charges on Basic Rate Per Unit<br>Rs. P | Other Charges in total (if any)<br>Rs. P | TOTAL AMOUNT Without Taxes | TOTAL AMOUNT With Taxes | TOTAL AMOUNT In Words |
| 1                                                                                                                                                                                                                                                                                               | 2                                                                                 | 4        | 5      | 13                       | 14                                          | 17                                       | 53                         | 54                      | 55                    |
| 1                                                                                                                                                                                                                                                                                               | OFC Cable Laying Using Open Trenching Method in the campus, University of Kalyani |          |        |                          |                                             |                                          |                            |                         |                       |
| 1.01                                                                                                                                                                                                                                                                                            | 24 Core Armoured SM Fiber Optic Cable<br>(As per Tender Specification)            | 4000.00  | Mtr    |                          |                                             |                                          | 0.00                       | 0.00                    | INR Zero Only         |
| 1.02                                                                                                                                                                                                                                                                                            | 6 Core Armoured SM Fiber Optic Cable<br>(As per Tender Specification)             | 1000.00  | Mtr    |                          |                                             |                                          | 0.00                       | 0.00                    | INR Zero Only         |
| 1.03                                                                                                                                                                                                                                                                                            | OFC LIU 6 Port<br>(As per Tender Specification)                                   | 11.00    | Nos.   |                          |                                             |                                          | 0.00                       | 0.00                    | INR Zero Only         |
| 1.04                                                                                                                                                                                                                                                                                            | OFC LIU 24 Port<br>(As per Tender Specification)                                  | 2.00     | Nos.   |                          |                                             |                                          | 0.00                       | 0.00                    | INR Zero Only         |
| 1.05                                                                                                                                                                                                                                                                                            | OFC Joint Enclosure Box<br>(As per Tender Specification)                          | 2.00     | Nos.   |                          |                                             |                                          | 0.00                       | 0.00                    | INR Zero Only         |
| 1.06                                                                                                                                                                                                                                                                                            | 12U Network Rack<br>(As per Tender Specification)                                 | 8.00     | Nos.   |                          |                                             |                                          | 0.00                       | 0.00                    | INR Zero Only         |
| 1.07                                                                                                                                                                                                                                                                                            | 9U Network Rack<br>(As per Tender Specification)                                  | 4.00     | Nos.   |                          |                                             |                                          | 0.00                       | 0.00                    | INR Zero Only         |
| 1.08                                                                                                                                                                                                                                                                                            | OFC Cable Laying Using Open Trenching Method<br>(As per Tender Specification)     | 1.00     | Lumsum |                          |                                             |                                          | 0.00                       | 0.00                    | INR Zero Only         |

|                            |  |               |  |      |      |           |
|----------------------------|--|---------------|--|------|------|-----------|
| Total in<br>Figures        |  |               |  | 0.00 | 0.00 | Zero Only |
| Quoted<br>Rate in<br>Words |  | INR Zero Only |  |      |      |           |